

**IMPIANTO AGRIVOLTAICO DENOMINATO "PV GROTTAGLIE"
CON POTENZA NOMINALE DI 35,3276 MVA
E POTENZA INSTALLATA DI 39.807,6 MWp**

REGIONE PUGLIA

PROVINCIA di TARANTO
COMUNE di GROTTAGLIE

OPERE DI CONNESSIONE ALLA RTN NEI COMUNI DI GROTTAGLIE E TARANTO

PROGETTO DEFINITIVO

Tav.:	Titolo:
R17b.7	Relazione strutturale - TRACKER

Scala:	Formato Stampa:	Codice Identificatore Elaborato
n.a.	A4	R17b.7_CalcoliPrelStrutture_17b.7

Progettazione:	Committente:
 Dott. Ing. Fabio CALCARELLA Studio Tecnico Calcarella Via Vito Mario Stampacchia, 48 - 73100 Lecce Mob. +39 340 9243575 fabio.calcarella@gmail.com - fabio.calcarella@ingpec.eu	PV - INVEST ITALIA S.R.L. Indirizzo: Via Sant'Osvaldo, 67 - 39100 Bolzano (BZ) P.IVA: 03047190214 - REA: BZ - 227293 PEC: pvinvestitaliasrl@legalmail.it
 	

Data	Motivo della revisione:	Redatto:	Controllato:	Approvato:
Settembre 2024	Prima emissione	STC	FC	PV - INVEST ITALIA s.r.l.

DATI DI PROGETTO

INTESTAZIONE E DATI CARATTERISTICI DELLA STRUTTURA

Nome dell'archivio di lavoro	SOSTEGNO TRACKER
Intestazione del lavoro	
Tipo di struttura	
Tipo di analisi	SOSTEGNI TRACKER GROTTAGLIE
Tipo di soluzione	Nello Spazio
Unita' di misura delle forze	Statica e Dinamica
Unita' di misura delle lunghezze	Lineare
Normativa	kg
	m
	NTC-2018

NORMATIVA

Vita nominale costruzione	
Classe d'uso costruzione	
Vita di riferimento	50 anni
Localita'	I
Longitudine (WGS84)	35 anni
Latitudine (WGS84)	Grottaglie - Agrovoltaiico
Categoria del suolo	17.261153
Coefficiente topografico	40.292472
Coefficiente di smorzamento	C
Eccentricita' accidentale	1
Numero di frequenze	5%
Periodo proprio T1 in direzione X	0%
Periodo proprio T1 in direzione Y	10
Comportamento strutturale	0.568
	0.477
	NON Dissipativo

PARAMETRI SISMICI

	TR	ag/g	FO	TC*	CC	Ss	Pga (ag*S) (m/s^2)
SLO	21	0.0152	2.3500	0.16	1.92	1.50	0.224
SLD	35	0.0165	2.3580	0.18	1.86	1.50	0.243
SLV	332	0.0424	2.5260	0.41	1.41	1.50	0.624
SLE	332	0.0424	2.5260	0.41	1.41	1.50	0.624
SLC	682	0.0515	2.6360	0.47	1.35	1.50	0.758

STATO LIMITE ULTIMO

Fattore di comportamento q per sisma orizzontale qor=1.5

STATO LIMITE DI DANNO

Fattore di comportamento q per sisma orizzontale qor=1.5

Coeff.multiplicativo sisma 1.000

PARAMETRI SISMICI

Angolo del sisma nel piano orizzontale	0
Sisma verticale	Assente
Combinazione dei modi	CQC
Combinazione componenti azioni sismiche	NTC - Eurocodice 8
λ	0.3
μ	0.3

CARICHI PER ELEMENTI BIDIMENSIONALI

Carico di superficie nella direzione locale z, agente sulla superficie reale

Descrizione	Codice	Cond. carico	Tipo Azione/categoria	Valore	Aliq.inerziale	Aliq.inerz.SLD
Sopravento Zona Inferiore (0)	1	Condizione 1	Variabile: Vento	-803.000000	1.0000	1.0000
Sopravento Zona Inferiore (55)	2	Condizione 1	Variabile: Vento	-8155.000000	1.0000	1.0000
Sopravento Zona Superiore (0)	3	Condizione 2	Variabile: Vento	-803.000000	1.0000	1.0000
Sottovento Zona Inferiore (0)	4	Condizione 3	Variabile: Vento	2009.000000	1.0000	1.0000
Sopravento Zona Superiore (55)	6	Condizione 2	Variabile: Vento	-8155.000000	1.0000	1.0000
Sottovento Zona Superiore (0)	7	Condizione 4	Variabile: Vento	2009.000000	1.0000	1.0000
Sopravento Zona Inferiore (90)	8	Condizione 1	Variabile: Vento	12858.000000	1.0000	1.0000
Sopravento Zona Superiore (90)	9	Condizione 2	Variabile: Vento	12858.000000	1.0000	1.0000
Sottovento Zona Inferiore (55)	10	Condizione 3	Variabile: Vento	11650.000000	1.0000	1.0000
Sottovento Zona Inferiore (90)	11	Condizione 3	Variabile: Vento	-17677.000000	1.0000	1.0000
Sottovento Zona Superiore (90)	12	Condizione 4	Variabile: Vento	-17677.000000	1.0000	1.0000
Sottovento Zona Superiore (55)	13	Condizione 4	Variabile: Vento	11650.000000	1.0000	1.0000

Carico di superficie nella direzione globale V, agente sulla superficie reale

Descrizione	Codice	Cond. carico	Tipo Azione/categoria	Valore	Aliq.inerziale	Aliq.inerz.SLD
Neve	5	Condizione 5	Variabile: Neve	48.980000	0.0000	0.0000

COMBINAZIONI DI CARICO

COMBINAZIONI PER LE VERIFICHE ALLO STATO LIMITE ULTIMO

Num.	Descrizione	Parametri	Tipo azione/categoria	Condizione	Moltiplicatore
1	Dinamica	Azione sismica: Presente	Permanente: Peso Proprio	Condizione peso proprio	1.000
2	Statica (sopravento zona inferiore+ neve)	Azione sismica: Sisma assente	Permanente: Peso Proprio	Condizione peso proprio	1.300
			Variabile: Neve	Condizione 5	0.750
			Variabile: Vento	Condizione 1	1.500
7	Statica (sopravento zona superiore + neve)	Azione sismica: Sisma assente	Permanente: Peso Proprio	Condizione peso proprio	1.300
			Variabile: Neve	Condizione 5	0.750
			Variabile: Vento	Condizione 2	1.500
8	Statica (sottovento zona inferiore + neve)	Azione sismica: Sisma assente	Permanente: Peso Proprio	Condizione peso proprio	1.300
			Variabile: Neve	Condizione 5	0.750
			Variabile: Vento	Condizione 3	1.500
9	Statica (sottovento zona superiore + neve)	Azione sismica: Sisma assente	Permanente: Peso Proprio	Condizione peso proprio	1.300
			Variabile: Neve	Condizione 5	0.750
			Variabile: Vento	Condizione 4	1.500

COMBINAZIONI PER LE VERIFICHE ALLO STATO LIMITE D'ESERCIZIO

Num.	Descrizione	Parametri	Tipo azione/categoria	Condizione	Moltiplicatore
4	Frequente (sopravento zona inferiore + neve)	Tipologia: Frequente	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Variabile: Neve	Condizione 5	0.000
			Variabile: Vento	Condizione 1	0.200

Num.	Descrizione	Parametri	Tipo azione/categoria	Condizione	Moltiplicatore
5	Frequente (sopravento zona superiore + neve)	Tipologia: Frequente	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Variabile: Neve	Condizione 5	0.000
			Variabile: Vento	Condizione 2	0.200
10	Frequente (sottovento zona inferiore + neve)	Tipologia: Frequente	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Variabile: Neve	Condizione 5	0.000
			Variabile: Vento	Condizione 3	0.200
11	Frequente (sottovento zona superiore + neve)	Tipologia: Frequente	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Variabile: Neve	Condizione 5	0.000
			Variabile: Vento	Condizione 4	0.200

VERIFICHE ACCIAIO

Lavoro: **SOSTEGNO TRACKER** Intestazione lavoro: **SOSTEGNI TRACKER GROTTAGLIE**
 Elemento: **TRAVE** Metodo di verifica: **Stati limite**
 Gruppo: **1** Descrizione: **SOSTEGNO MODULO SCHEMA 55**
 Tabella: **Tabella travi** Struttura: **Nuova**
 Tipo acciaio: **S 235**

ASTA NUM. 423 NI 4149 NF 4148 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	-0	0	0	-0	3.2	1.4	0.3	0.0	4.6	3	
7	0	-4	0	-0	0	-0	-0	1.4	1.9	0.4	0.0	3.3	3	
8	0	9	1	0	0	-0	-0	3.1	0.9	0.4	0.0	3.9	3	
9	0	1	0	0	0	0	0	0.4	0.0	0.3	0.0	0.6	2	
2	14	-9	0	-0	0	0	-0	3.1	0.5	0.1	0.0	3.6	3	
7	14	-4	0	-0	0	0	-0	1.2	0.6	0.2	0.0	1.8	3	
8	14	10	0	0	0	-0	0	3.2	0.7	0.2	0.0	3.8	3	
9	14	1	0	0	0	-0	0	0.5	0.8	0.1	0.0	1.3	3	
2	27	-9	-0	-0	0	0	-0	3.0	0.5	0.1	0.0	3.5	3	
7	27	-3	0	-0	0	0	0	1.1	0.1	0.0	0.0	1.2	2	
8	27	10	0	0	0	-0	0	3.3	1.3	0.0	0.0	4.6	3	
9	27	2	-0	0	0	-0	0	0.6	0.8	0.1	0.0	1.4	3	

ASTA NUM. 11 NI 4148 NF 3981 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	-0	-0	0	0	-0	3.0	0.5	0.1	0.0	3.5	3	
7	0	-3	0	-0	0	0	0	1.1	0.1	0.0	0.0	1.2	2	
8	0	10	0	0	0	-0	0	3.3	1.3	0.0	0.0	4.6	3	
9	0	2	-0	0	0	-0	0	0.6	0.8	0.1	0.0	1.4	3	
2	14	-9	-0	-0	0	0	-0	3.0	1.1	0.2	0.0	4.1	3	
7	14	-3	-0	-0	0	0	0	1.1	0.1	0.1	0.0	1.2	2	
8	14	10	-0	0	0	-0	0	3.3	1.4	0.0	0.0	4.7	3	
9	14	2	-0	0	0	-0	0	0.6	0.1	0.2	0.0	0.8	2	
2	27	-9	-0	-0	0	0	-0	2.9	2.0	0.2	0.0	5.0	3	
7	27	-3	-0	-0	0	0	-0	1.1	0.8	0.1	0.0	1.9	3	
8	27	10	-0	0	0	-0	0	3.4	1.1	0.1	0.0	4.5	3	
9	27	2	-0	0	0	-0	-0	0.7	1.0	0.2	0.0	1.7	3	

ASTA NUM. 12 NI 3981 NF 3980 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-24	-1	0	0	0	-0	8.0	1.0	0.9	0.0	9.0	3	
7	0	-4	-0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
8	0	28	2	-0	0	-0	0	9.1	0.7	1.3	0.0	9.9	5	
9	0	-2	0	0	0	-0	0	0.6	0.2	0.0	0.0	0.8	2	
2	5	-24	-1	0	0	-0	-0	8.0	2.7	0.9	0.0	10.7	3	
7	5	-4	-0	-0	0	0	-0	1.2	0.5	0.1	0.0	1.7	3	
8	5	28	2	-0	0	0	0	9.2	3.0	1.3	0.0	12.2	3	
9	5	-2	0	0	0	-0	0	0.6	0.2	0.0	0.0	0.8	2	
2	10	-24	-1	0	0	-0	-0	8.0	4.5	1.0	0.0	12.5	3	
7	10	-4	-0	-0	0	0	-0	1.2	0.7	0.1	0.0	1.8	3	
8	10	28	2	-0	0	0	0	9.2	5.5	1.3	0.0	14.7	3	
9	10	-2	-0	0	0	-0	0	0.6	0.2	0.0	0.0	0.8	2	

ASTA NUM. 9 NI 3980 NF 3979 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-183	-2	0	0	-0	-0	60.1	3.6	1.6	0.0	63.7	3	
7	0	-10	0	0	0	0	-0	3.1	1.0	0.1	0.0	4.1	3	
8	0	245	3	-0	0	0	0	80.6	3.4	2.4	0.0	83.9	3	
9	0	-3	0	-0	0	-0	-0	0.8	0.8	0.1	0.0	1.6	3	
2	27	-183	-2	0	0	-0	-1	60.0	20.0	1.7	0.0	80.1	3	
7	27	-9	-0	0	0	0	-0	3.1	0.9	0.1	0.0	4.0	3	
8	27	245	3	-0	0	0	1	80.6	27.4	2.3	0.0	108.0	3	
9	27	-2	-0	-0	0	-0	0	0.7	0.1	0.0	0.0	0.9	2	
2	55	-182	-2	0	0	-0	-1	60.0	37.7	1.8	0.0	97.7	3	
7	55	-9	-0	0	0	-0	-0	3.0	2.1	0.2	0.0	5.1	3	
8	55	245	3	-0	0	0	2	80.7	50.1	2.2	0.0	130.9	3	
9	55	-2	-0	-0	0	-0	-0	0.7	0.8	0.1	0.0	1.5	3	

ASTA NUM. 10 NI 3979 NF 3983 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-464	-2	-0	0	-0	-1	152.7	36.4	1.4	0.0	189.1	3	
7	0	-28	-0	0	0	-0	-0	9.3	1.2	0.1	0.0	10.5	3	
8	0	626	3	0	0	0	2	205.9	48.4	2.1	0.0	254.3	3	
9	0	3	0	-0	0	-0	-0	1.0	1.9	0.3	0.0	2.8	3	
2	27	-464	-2	-0	0	-0	-2	152.6	50.9	1.5	0.0	203.5	3	
7	27	-28	-0	0	0	-0	-0	9.2	3.1	0.2	0.0	12.3	3	
8	27	626	3	0	0	0	3	205.9	69.1	2.0	0.0	275.0	3	
9	27	3	0	-0	0	0	0	1.1	0.8	0.2	0.0	1.9	3	
2	55	-464	-2	-0	0	0	-2	152.6	66.8	1.6	0.0	219.4	3	
7	55	-28	-0	0	0	-0	-0	9.2	6.2	0.3	0.0	15.3	3	
8	55	626	3	0	0	-0	3	206.0	89.0	1.9	0.0	295.0	3	
9	55	3	0	-0	0	0	0	1.1	2.3	0.0	0.0	3.4	3	

ASTA NUM. 13 NI 3983 NF 3982 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-597	-2	-4	0	0	-2	196.5	63.2	2.7	0.0	259.7	3	
7	0	-66	-0	4	0	-0	-0	21.7	7.1	2.8	0.0	28.8	3	
8	0	801	3	5	0	-0	3	263.4	84.8	3.7	0.0	348.2	3	
9	0	42	0	-6	0	0	0	13.7	4.6	4.3	0.0	19.0	1	
2	5	-597	-2	-4	0	0	-2	196.5	70.8	2.7	0.0	267.3	3	
7	5	-66	-0	4	0	-0	-0	21.7	13.0	2.8	0.0	34.6	3	
8	5	801	2	5	0	-0	3	263.4	95.0	3.7	0.0	358.4	3	
9	5	42	0	-6	0	0	0	13.7	13.2	4.3	0.0	26.9	3	
2	10	-597	-2	-4	0	0	-3	196.5	78.5	2.7	0.0	275.0	3	
7	10	-66	-1	4	0	-0	-0	21.6	18.9	2.8	0.0	40.6	3	
8	10	801	2	5	0	-1	3	263.5	105.2	3.7	0.0	368.6	3	
9	10	42	0	-6	0	1	0	13.7	21.7	4.3	0.0	35.4	3	

ASTA NUM. 2 NI 3982 NF 4151 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-607	1	2	0	0	-3	199.6	81.3	1.6	0.0	280.9	3	
7	0	-182	-2	-2	0	-0	-0	59.7	17.0	1.7	0.0	76.7	3	
8	0	800	-1	-3	0	-1	3	263.1	108.3	2.2	0.0	371.4	3	
9	0	192	3	3	0	1	0	63.3	18.0	2.5	0.0	81.3	3	
2	14	-607	1	2	0	0	-3	199.6	70.8	1.6	0.0	270.4	3	
7	14	-182	-2	-2	0	-0	-0	59.7	15.2	1.7	0.0	74.9	3	
8	14	800	-1	-3	0	-0	3	263.1	94.6	2.2	0.0	357.7	3	
9	14	193	3	3	0	0	0	63.3	15.2	2.5	0.0	78.5	3	
2	27	-606	1	2	0	-0	-2	199.5	72.9	1.6	0.0	272.4	3	
7	27	-181	-2	-2	0	0	-1	59.7	25.9	1.7	0.0	85.6	3	

8 27 800 -1 -3 0 0 3 263.2 96.7 2.2 0.0 359.9 3
 9 27 193 3 3 0 -0 1 63.4 30.9 2.5 0.0 94.3 3

ASTA NUM. 1 NI 4151 NF 4150 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-606	1	2	0	-0	-2	199.5	72.9	1.6	0.0	272.4	3	
7	0	-181	-2	-2	0	0	-1	59.7	25.9	1.7	0.0	85.6	3	
8	0	800	-1	-3	0	0	3	263.2	96.7	2.2	0.0	359.9	3	
9	0	193	3	3	0	-0	1	63.4	30.9	2.5	0.0	94.3	3	
2	14	-606	1	2	0	-1	-2	199.5	78.7	1.6	0.0	278.2	3	
7	14	-181	-2	-2	0	1	-1	59.6	41.5	1.7	0.0	101.2	3	
8	14	800	-1	-3	0	1	3	263.2	103.3	2.2	0.0	366.5	3	
9	14	193	2	3	0	-1	1	63.4	53.0	2.5	0.0	116.4	3	
2	27	-606	1	2	0	-1	-2	199.4	84.8	1.6	0.0	284.2	3	
7	27	-181	-2	-2	0	1	-1	59.6	57.5	1.7	0.0	117.0	3	
8	27	800	-1	-3	0	1	3	263.3	109.5	2.2	0.0	372.7	3	
9	27	193	2	3	0	-1	1	63.5	74.8	2.5	0.0	138.2	3	

ASTA NUM. 290 NI 4150 NF 3807 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-246	2	8	0	2	-1	81.0	79.5	5.7	0.0	160.5	3	
7	0	-578	-1	-6	0	-1	-2	190.3	96.9	4.8	0.0	287.1	3	
8	0	284	-3	-10	0	-2	2	93.6	101.4	7.6	0.0	195.0	3	
9	0	759	2	10	0	2	3	249.7	135.3	7.3	0.0	385.0	3	
2	14	-246	2	8	0	1	-1	80.9	43.3	5.7	0.0	124.3	3	
7	14	-578	-1	-6	0	-1	-2	190.2	77.2	4.8	0.0	267.4	3	
8	14	285	-3	-10	0	-1	1	93.6	52.9	7.6	0.0	146.5	3	
9	14	759	2	10	0	1	3	249.8	104.8	7.3	0.0	354.6	3	
2	27	-246	2	8	0	-0	-1	80.9	32.2	5.7	0.0	113.1	3	
7	27	-578	-1	-6	0	0	-3	190.2	78.6	4.8	0.0	268.8	3	
8	27	285	-3	-10	0	1	1	93.7	37.5	7.6	0.0	131.2	3	
9	27	759	2	10	0	-1	3	249.8	105.6	7.3	0.0	355.5	3	

ASTA NUM. 6 NI 3807 NF 3809 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-113	1	-2	0	-0	-1	37.3	30.1	1.4	0.0	67.4	3	
7	0	-633	1	2	0	0	-3	208.2	82.0	1.2	0.0	290.2	3	
8	0	101	-2	3	0	1	1	33.4	34.4	1.9	0.0	67.7	3	
9	0	843	-0	-2	0	-1	3	277.4	110.5	1.8	0.0	388.0	3	
2	14	-113	1	-2	0	-0	-0	37.3	17.8	1.4	0.0	55.1	3	
7	14	-633	1	2	0	0	-3	208.1	73.9	1.2	0.0	282.0	3	
8	14	102	-2	3	0	0	0	33.4	18.6	1.9	0.0	52.0	3	
9	14	844	-1	-2	0	-0	3	277.5	99.4	1.8	0.0	376.9	3	
2	27	-113	1	-2	0	0	-0	37.2	9.4	1.4	0.0	46.7	3	
7	27	-633	0	2	0	-0	-2	208.1	69.4	1.2	0.0	277.5	3	
8	27	102	-2	3	0	-0	0	33.4	7.0	1.9	0.0	40.4	3	
9	27	844	-1	-2	0	0	3	277.5	93.2	1.8	0.0	370.7	3	

ASTA NUM. 5 NI 3809 NF 3812 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-64	0	1	0	0	-0	21.2	9.5	0.6	0.0	30.7	3	
7	0	-597	2	-1	0	-0	-3	196.5	69.8	1.4	0.0	266.3	3	
8	0	39	-0	-1	0	-0	0	13.0	7.2	0.8	0.0	20.2	3	

9	0	801	-2	1	0	0	3	263.5	93.9	1.8	0.0	357.4	3
2	5	-64	0	1	0	0	-0	21.1	7.7	0.6	0.0	28.8	3
7	5	-597	2	-1	0	-0	-2	196.5	66.3	1.4	0.0	262.8	3
8	5	40	-0	-1	0	-0	0	13.0	5.1	0.8	0.0	18.1	3
9	5	801	-2	1	0	0	3	263.5	89.1	1.8	0.0	352.6	3
2	10	-64	0	1	0	-0	-0	21.1	6.9	0.6	0.0	28.1	3
7	10	-597	2	-1	0	-0	-2	196.5	63.4	1.4	0.0	259.9	3
8	10	40	-0	-1	0	0	0	13.0	4.4	0.8	0.0	17.5	3
9	10	801	-2	1	0	-0	3	263.5	85.1	1.8	0.0	348.7	3

ASTA NUM. 8 NI 3812 NF 3811 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-29	0	-0	0	-0	-0	9.4	6.4	0.3	0.0	15.7	3		
7	0	-464	2	0	0	0	-2	152.5	66.9	1.6	0.0	219.4	3		
8	0	3	-0	0	0	0	0	1.0	2.5	0.1	0.0	3.5	3		
9	0	625	-3	-0	0	-0	3	205.5	89.0	1.9	0.0	294.5	3		
2	27	-28	0	-0	0	-0	-0	9.3	3.2	0.2	0.0	12.5	3		
7	27	-463	2	0	0	-0	-2	152.4	50.7	1.5	0.0	203.2	3		
8	27	3	-0	0	0	0	0	1.1	0.9	0.2	0.0	2.1	3		
9	27	625	-3	-0	0	0	3	205.5	68.9	2.0	0.0	274.4	3		
2	55	-28	0	-0	0	0	-0	9.2	1.4	0.1	0.0	10.6	3		
7	55	-463	2	0	0	-0	-1	152.3	36.4	1.4	0.0	188.7	3		
8	55	4	-0	0	0	-0	-0	1.2	1.9	0.3	0.0	3.1	3		
9	55	625	-3	-0	0	0	2	205.6	48.4	2.1	0.0	254.0	3		

ASTA NUM. 7 NI 3811 NF 3810 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-9	0	-0	0	0	-0	3.1	2.1	0.2	0.0	5.1	3		
7	0	-183	2	-0	0	-0	-1	60.3	37.9	1.8	0.0	98.2	3		
8	0	-3	0	0	0	-0	-0	1.1	1.0	0.1	0.0	2.1	3		
9	0	245	-3	0	0	0	2	80.7	50.3	2.2	0.0	131.0	3		
2	27	-9	0	-0	0	0	-0	3.0	0.9	0.1	0.0	3.8	3		
7	27	-183	2	-0	0	-0	-1	60.2	20.1	1.7	0.0	80.4	3		
8	27	-3	0	0	0	-0	0	1.0	0.2	0.0	0.0	1.1	2		
9	27	246	-3	0	0	0	1	80.8	27.5	2.3	0.0	108.3	3		
2	55	-9	-0	-0	0	0	-0	2.9	0.9	0.1	0.0	3.8	3		
7	55	-183	2	-0	0	-0	-0	60.2	3.6	1.6	0.0	63.8	3		
8	55	-3	-0	0	0	-0	-0	0.9	0.8	0.1	0.0	1.7	3		
9	55	246	-3	0	0	0	0	80.9	3.4	2.4	0.0	84.3	3		

ASTA NUM. 4 NI 3810 NF 3808 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-4	0	0	0	0	-0	1.3	0.7	0.1	0.0	1.9	3		
7	0	-24	1	-0	0	-0	-0	8.0	4.5	1.0	0.0	12.4	3		
8	0	-2	0	-0	0	-0	0	0.6	0.2	0.0	0.0	0.8	2		
9	0	27	-2	0	0	0	0	9.0	5.4	1.3	0.0	14.4	3		
2	5	-4	0	0	0	0	-0	1.3	0.5	0.1	0.0	1.8	3		
7	5	-24	1	-0	0	0	-0	7.9	2.6	0.9	0.0	10.6	3		
8	5	-2	-0	-0	0	-0	0	0.6	0.1	0.0	0.0	0.7	2		
9	5	27	-2	0	0	-0	0	9.0	3.0	1.3	0.0	12.0	3		
2	10	-4	0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3		
7	10	-24	1	-0	0	0	-0	7.9	1.0	0.9	0.0	8.9	3		
8	10	-2	-0	-0	0	-0	0	0.6	0.1	0.0	0.0	0.7	2		
9	10	27	-2	0	0	-0	0	9.0	0.8	1.3	0.0	9.8	5		

ASTA NUM. 3 NI 3808 NF 3814 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	-0	0	0	-0	0.9	0.5	0.1	0.0	1.4	3	
7	0	-9	0	0	0	0	-0	3.1	2.0	0.2	0.0	5.1	3	
8	0	-0	0	0	0	-0	0	0.1	0.1	0.1	0.0	0.2	2	
9	0	9	-0	-0	0	-0	0	3.0	2.0	0.1	0.0	5.0	3	
2	14	-3	0	-0	0	0	0	0.9	0.1	0.0	0.0	1.0	2	
7	14	-9	0	0	0	0	-0	3.0	0.9	0.2	0.0	4.0	3	
8	14	-0	0	0	0	-0	0	0.0	0.2	0.0	0.0	0.2	2	
9	14	9	-0	-0	0	-0	0	3.0	1.1	0.2	0.0	4.1	3	
2	27	-2	-0	-0	0	0	-0	0.8	0.5	0.0	0.0	1.3	3	
7	27	-9	0	0	0	-0	0	3.0	0.1	0.1	0.0	3.0	2	
8	27	0	-0	0	0	-0	0	0.0	0.2	0.0	0.0	0.3	2	
9	27	9	-0	-0	0	0	0	3.1	0.1	0.3	0.0	3.2	2	

ASTA NUM. 447 NI 3814 NF 3813 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	0	0	0	-0	2.2	1.1	0.2	0.0	3.3	3	
7	0	-10	1	-0	0	-0	-0	3.1	2.7	0.4	0.0	5.9	3	
8	0	6	0	-0	0	-0	0	2.1	0.2	0.3	0.0	2.4	2	
9	0	11	-0	0	0	0	0	3.5	2.6	0.1	0.0	6.1	3	
2	14	-6	-0	0	0	0	-0	2.0	0.6	0.0	0.0	2.7	3	
7	14	-9	0	-0	0	-0	-0	3.0	0.9	0.3	0.0	3.9	3	
8	14	7	0	-0	0	-0	0	2.2	1.0	0.1	0.0	3.2	3	
9	14	11	-0	0	0	0	0	3.6	1.4	0.3	0.0	5.0	3	
2	27	-6	-0	0	0	-0	-0	1.9	1.0	0.2	0.0	3.0	3	
7	27	-9	0	-0	0	0	0	2.9	0.0	0.1	0.0	2.9	2	
8	27	7	-0	-0	0	0	0	2.3	0.8	0.1	0.0	3.1	3	
9	27	11	-1	0	0	-0	-0	3.7	0.7	0.5	0.0	4.4	1	

ASTA NUM. 424 NI 4147 NF 4146 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	0	0	0	0	-0	1.4	0.7	0.4	0.0	2.1	1	
7	0	-20	0	-0	0	-0	-0	6.6	1.6	0.0	0.0	8.2	3	
8	0	-7	-0	-0	0	-0	0	2.4	0.4	0.1	0.0	2.7	1	
9	0	27	1	0	0	0	0	9.0	1.6	0.4	0.0	10.7	3	
2	14	5	0	0	0	-0	0	1.5	0.8	0.2	0.0	2.3	3	
7	14	-20	-0	-0	0	0	-0	6.4	2.1	0.2	0.0	8.5	3	
8	14	-7	-0	-0	0	0	-0	2.3	0.7	0.3	0.0	3.0	3	
9	14	28	0	0	0	-0	0	9.2	3.3	0.2	0.0	12.5	3	
2	27	5	0	0	0	-0	0	1.7	1.3	0.0	0.0	3.0	3	
7	27	-19	-0	-0	0	0	-0	6.3	3.4	0.4	0.0	9.8	3	
8	27	-7	-1	-0	0	0	-0	2.1	2.7	0.5	0.0	4.9	3	
9	27	28	0	0	0	-0	0	9.3	4.1	0.0	0.0	13.3	3	

ASTA NUM. 16 NI 4146 NF 3984 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	0	-0	0	-0	0	1.3	0.2	0.1	0.0	1.5	2	
7	0	-10	-0	0	0	0	-0	3.4	0.9	0.0	0.0	4.3	3	
8	0	-8	-0	0	0	0	-0	2.7	0.6	0.1	0.0	3.3	3	
9	0	12	0	-0	0	-0	0	4.1	1.0	0.1	0.0	5.1	3	
2	14	4	0	-0	0	-0	0	1.4	0.6	0.1	0.0	2.0	3	
7	14	-10	-0	0	0	0	-0	3.3	1.1	0.1	0.0	4.4	3	
8	14	-8	-0	0	0	0	-0	2.6	0.9	0.1	0.0	3.6	3	
9	14	12	0	-0	0	-0	0	4.1	1.5	0.1	0.0	5.6	3	
2	27	4	0	-0	0	-0	0	1.4	0.7	0.0	0.0	2.1	3	

7	27	-10	-0	0	0	0	-0	3.3	1.6	0.1	0.0	4.9	3
8	27	-8	-0	0	0	-0	-0	2.6	1.6	0.2	0.0	4.2	3
9	27	13	0	-0	0	-0	0	4.1	1.6	0.0	0.0	5.8	3

ASTA NUM. 15 NI 3984 NF 3987 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-4	-0	0	0	0	0	1.4	0.0	0.1	0.0	1.5	2		
7	0	-13	-0	-0	0	0	-0	4.1	1.0	0.2	0.0	5.2	3		
8	0	2	0	-0	0	-0	0	0.5	0.0	0.2	0.0	0.6	2		
9	0	13	0	0	0	-0	0	4.4	0.9	0.3	0.0	5.3	3		
2	5	-4	-0	0	0	-0	-0	1.4	0.6	0.1	0.0	2.0	3		
7	5	-13	-0	-0	0	0	-0	4.1	1.4	0.2	0.0	5.5	3		
8	5	2	0	-0	0	0	0	0.5	0.1	0.2	0.0	0.7	2		
9	5	13	0	0	0	-0	0	4.4	1.5	0.3	0.0	5.9	3		
2	10	-4	-0	0	0	-0	-0	1.4	0.9	0.1	0.0	2.3	3		
7	10	-12	-0	-0	0	0	-0	4.1	1.9	0.2	0.0	6.0	3		
8	10	2	0	-0	0	0	0	0.5	0.7	0.2	0.0	1.3	3		
9	10	13	0	0	0	-0	0	4.4	2.1	0.3	0.0	6.5	3		

ASTA NUM. 18 NI 3987 NF 3986 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-158	-2	0	0	-0	-0	51.9	3.2	1.3	0.0	55.1	3		
7	0	-14	0	0	0	0	-0	4.7	1.5	0.1	0.0	6.2	3		
8	0	212	3	-0	0	0	0	69.8	3.0	2.1	0.0	72.8	3		
9	0	7	0	-0	0	-0	0	2.4	0.6	0.1	0.0	3.0	3		
2	27	-157	-2	0	0	-0	-1	51.8	17.4	1.5	0.0	69.1	3		
7	27	-14	-0	0	0	0	-0	4.6	1.4	0.1	0.0	6.0	3		
8	27	212	3	-0	0	0	1	69.9	23.9	2.0	0.0	93.8	3		
9	27	8	-0	-0	0	-0	0	2.5	1.1	0.0	0.0	3.6	3		
2	55	-157	-2	0	0	-0	-1	51.7	32.7	1.6	0.0	84.4	3		
7	55	-14	-0	0	0	0	-0	4.5	2.5	0.2	0.0	7.0	3		
8	55	213	3	-0	0	0	2	70.0	43.5	1.9	0.0	113.5	3		
9	55	8	-0	-0	0	-0	0	2.6	0.4	0.1	0.0	3.0	3		

ASTA NUM. 17 NI 3986 NF 3985 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-440	-2	-0	0	-0	-1	144.7	32.9	1.5	0.0	177.6	3		
7	0	-15	0	0	0	0	-0	4.9	2.6	0.2	0.0	7.5	3		
8	0	596	3	0	0	0	2	196.0	43.7	2.3	0.0	239.7	3		
9	0	-11	-0	-0	0	-0	0	3.7	0.5	0.1	0.0	4.3	3		
2	27	-440	-2	-0	0	0	-2	144.6	48.1	1.6	0.0	192.7	3		
7	27	-15	0	0	0	-0	-0	4.8	1.6	0.1	0.0	6.4	3		
8	27	596	3	0	0	-0	2	196.1	65.8	2.2	0.0	261.9	3		
9	27	-11	-0	-0	0	0	-0	3.6	1.3	0.2	0.0	4.9	3		
2	55	-439	-2	-0	0	0	-2	144.5	65.3	1.7	0.0	209.8	3		
7	55	-14	-0	0	0	-0	-0	4.7	1.9	0.1	0.0	6.6	3		
8	55	596	3	0	0	-0	3	196.2	87.5	2.0	0.0	283.7	3		
9	55	-11	-0	-0	0	0	-0	3.5	4.4	0.3	0.0	8.0	3		

ASTA NUM. 14 NI 3985 NF 3989 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-633	0	0	0	0	-3	208.1	70.2	0.3	0.0	278.3	3		
7	0	8	0	-1	0	-0	0	2.7	1.5	0.4	0.0	4.2	3		

8	0	857	-0	-1	0	-0	3	281.8	94.9	0.7	0.0	376.7	3
9	0	-59	0	1	0	0	-0	19.4	7.5	0.4	0.0	26.9	3
2	5	-633	0	0	0	-0	-3	208.1	69.7	0.3	0.0	277.8	3
7	5	8	-0	-1	0	0	0	2.8	1.1	0.4	0.0	3.9	3
8	5	857	-0	-1	0	0	3	281.8	94.8	0.7	0.0	376.6	3
9	5	-59	0	1	0	0	-0	19.4	6.6	0.4	0.0	26.0	3
2	10	-632	0	0	0	-0	-3	208.1	70.1	0.3	0.0	278.2	3
7	10	8	-0	-1	0	0	0	2.8	1.9	0.4	0.0	4.6	3
8	10	857	-0	-1	0	0	3	281.8	95.8	0.7	0.0	377.7	3
9	10	-59	0	1	0	-0	-0	19.4	6.9	0.4	0.0	26.3	3

ASTA NUM. 25 NI 3989 NF 3988 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-814	-5	-1	0	-0	-3	267.7	72.2	3.5	0.0	339.8	3	
7	0	70	3	1	0	0	-0	23.0	4.1	2.1	0.0	27.1	3	
8	0	1102	7	2	0	0	4	362.5	97.8	5.0	0.0	460.3	3	
9	0	-160	-4	-1	0	-0	-0	52.8	2.8	3.1	0.0	55.5	3	
2	14	-814	-5	-1	0	0	-3	267.6	91.9	3.6	0.0	359.5	3	
7	14	70	3	1	0	-0	0	23.1	11.8	2.1	0.0	34.9	3	
8	14	1102	7	2	0	-0	4	362.5	126.0	5.0	0.0	488.5	3	
9	14	-160	-4	-1	0	0	-1	52.7	22.1	3.1	0.0	74.9	3	
2	27	-813	-5	-1	0	0	-4	267.6	113.6	3.6	0.0	381.1	3	
7	27	70	3	1	0	-0	1	23.1	27.3	2.0	0.0	50.5	3	
8	27	1102	7	2	0	-0	5	362.5	157.9	4.9	0.0	520.4	3	
9	27	-160	-4	-1	0	0	-1	52.7	43.4	3.2	0.0	96.1	3	

ASTA NUM. 292 NI 3988 NF 3806 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1443	-26	3	0	0	-2	474.7	67.8	19.1	0.0	542.5	3	
7	0	477	22	-6	0	-0	-1	157.0	38.1	16.2	0.0	195.2	3	
8	0	1975	37	-7	0	-0	3	649.7	92.2	27.1	0.0	741.9	3	
9	0	-768	-32	5	0	0	1	252.7	43.1	23.3	0.0	295.8	3	
2	14	-1442	-26	3	0	-0	-6	474.5	164.3	19.2	0.0	638.9	3	
7	14	478	22	-6	0	0	2	157.1	64.1	16.1	0.0	221.2	3	
8	14	1975	37	-7	0	1	8	649.7	231.1	27.1	0.0	880.8	3	
9	14	-768	-32	5	0	-0	-3	252.7	95.4	23.4	0.0	348.0	3	
2	27	-1442	-26	3	0	-1	-9	474.3	273.1	19.3	0.0	747.5	3	
7	27	478	22	-6	0	1	5	157.1	166.1	16.1	0.0	323.2	3	
8	27	1975	37	-7	0	1	13	649.7	393.4	27.0	0.0	1043.1	3	
9	27	-768	-32	5	0	-1	-7	252.6	234.1	23.5	0.0	486.8	3	

ASTA NUM. 291 NI 3806 NF 3817 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	479	-22	4	0	1	5	157.6	156.4	16.2	0.0	314.0	3	
7	0	-1446	26	-5	0	-1	-9	475.7	284.4	19.3	0.0	760.0	3	
8	0	-779	32	-8	0	-2	-8	256.3	249.8	23.7	0.0	506.1	3	
9	0	1970	-37	5	0	1	13	648.0	379.7	27.0	0.0	1027.7	3	
2	14	479	-22	4	0	0	2	157.6	60.4	16.2	0.0	218.1	3	
7	14	-1446	26	-5	0	-0	-6	475.5	168.7	19.3	0.0	644.2	3	
8	14	-779	32	-8	0	-1	-3	256.2	101.6	23.7	0.0	357.9	3	
9	14	1970	-37	5	0	0	8	648.2	225.7	27.0	0.0	873.9	3	
2	27	479	-22	4	0	-0	-1	157.7	35.8	16.3	0.0	193.5	3	
7	27	-1445	26	-5	0	0	-2	475.3	70.1	19.2	0.0	545.4	3	
8	27	-779	32	-8	0	0	1	256.2	46.2	23.6	0.0	302.4	3	
9	27	1971	-37	5	0	-0	3	648.4	89.1	27.1	0.0	737.5	3	

ASTA NUM. 21 NI 3817 NF 3819 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	67	-3	-1	0	-0	1	22.2	25.1	2.1	0.0	47.3	3	
7	0	-812	5	1	0	0	-4	267.2	116.1	3.7	0.0	383.2	3	
8	0	-159	4	2	0	0	-1	52.4	46.9	3.3	0.0	99.3	3	
9	0	1097	-7	-1	0	-0	5	360.9	154.8	5.0	0.0	515.7	3	
2	14	67	-3	-1	0	-0	0	22.2	10.8	2.1	0.0	33.0	3	
7	14	-812	5	1	0	0	-3	267.1	92.7	3.6	0.0	359.8	3	
8	14	-159	4	2	0	0	-1	52.4	23.2	3.2	0.0	75.6	3	
9	14	1097	-7	-1	0	-0	4	360.9	124.6	5.0	0.0	485.5	3	
2	27	68	-3	-1	0	0	-0	22.2	3.8	2.2	0.0	26.0	3	
7	27	-812	5	1	0	-0	-3	267.1	72.3	3.6	0.0	339.4	3	
8	27	-159	4	2	0	-0	-0	52.3	2.6	3.2	0.0	54.9	3	
9	27	1097	-7	-1	0	0	3	360.9	96.1	5.1	0.0	457.0	3	

ASTA NUM. 22 NI 3819 NF 3818 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	8	0	0	0	0	0	2.6	1.3	0.2	0.0	3.9	3	
7	0	-634	-0	-1	0	-0	-3	208.5	70.7	0.5	0.0	279.1	3	
8	0	-60	-0	-1	0	-0	-0	19.8	7.9	0.6	0.0	27.7	3	
9	0	857	0	1	0	0	3	281.8	94.8	0.4	0.0	376.6	3	
2	5	8	-0	0	0	0	0	2.6	0.9	0.2	0.0	3.5	1	
7	5	-634	-0	-1	0	-0	-3	208.4	70.0	0.5	0.0	278.4	3	
8	5	-60	-0	-1	0	-0	-0	19.7	7.0	0.6	0.0	26.7	3	
9	5	857	0	1	0	0	3	281.8	94.3	0.4	0.0	376.1	3	
2	10	8	-0	0	0	-0	0	2.6	1.2	0.2	0.0	3.9	3	
7	10	-634	-0	-1	0	0	-3	208.4	70.4	0.5	0.0	278.8	3	
8	10	-60	-0	-1	0	0	-0	19.7	7.2	0.6	0.0	27.0	3	
9	10	857	0	1	0	-0	3	281.8	95.0	0.4	0.0	376.8	3	

ASTA NUM. 19 NI 3818 NF 3816 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-15	0	-0	0	-0	-0	4.9	1.9	0.1	0.0	6.8	3	
7	0	-441	2	0	0	0	-2	145.1	65.4	1.7	0.0	210.4	3	
8	0	-12	0	0	0	0	-0	4.0	4.5	0.3	0.0	8.5	3	
9	0	597	-3	-0	0	-0	3	196.2	87.5	2.0	0.0	283.8	3	
2	27	-15	-0	-0	0	-0	-0	4.8	1.6	0.1	0.0	6.4	3	
7	27	-441	2	0	0	0	-2	145.0	48.2	1.6	0.0	193.2	3	
8	27	-12	0	0	0	0	-0	3.9	1.4	0.2	0.0	5.3	3	
9	27	597	-3	-0	0	-0	2	196.3	65.8	2.2	0.0	262.2	3	
2	55	-14	-0	-0	0	0	-0	4.7	2.6	0.2	0.0	7.3	3	
7	55	-440	2	0	0	-0	-1	144.9	33.0	1.5	0.0	177.9	3	
8	55	-12	0	0	0	-0	0	3.9	0.5	0.1	0.0	4.4	3	
9	55	597	-3	-0	0	0	2	196.4	43.8	2.3	0.0	240.3	3	

ASTA NUM. 20 NI 3816 NF 3820 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-15	0	-0	0	0	-0	4.8	2.6	0.2	0.0	7.4	3	
7	0	-158	2	-0	0	-0	-1	51.8	32.7	1.6	0.0	84.5	3	
8	0	8	0	0	0	-0	0	2.5	0.5	0.1	0.0	3.0	3	
9	0	212	-3	0	0	0	2	69.6	43.5	1.9	0.0	113.0	3	
2	27	-14	0	-0	0	0	-0	4.8	1.4	0.1	0.0	6.2	3	
7	27	-157	2	-0	0	-0	-1	51.7	17.3	1.4	0.0	69.0	3	
8	27	8	-0	0	0	-0	0	2.6	1.2	0.0	0.0	3.7	3	
9	27	212	-3	0	0	0	1	69.7	23.8	2.0	0.0	93.5	3	

2	55	-14	-0	-0	0	0	-0	4.7	1.5	0.1	0.0	6.2	3
7	55	-157	2	-0	0	-0	-0	51.6	3.2	1.3	0.0	54.9	3
8	55	8	-0	0	0	-0	0	2.6	0.6	0.1	0.0	3.2	3
9	55	212	-3	0	0	0	0	69.7	2.9	2.1	0.0	72.7	3

ASTA NUM. 23 NI 3820 NF 3822 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	0	0	0	0	-0	4.1	1.8	0.2	0.0	5.9	3	
7	0	-5	0	-0	0	-0	-0	1.5	0.9	0.2	0.0	2.5	3	
8	0	13	-0	-0	0	-0	0	4.2	2.1	0.3	0.0	6.3	3	
9	0	2	-0	0	0	0	0	0.6	0.8	0.2	0.0	1.4	3	
2	5	-12	0	0	0	0	-0	4.1	1.4	0.2	0.0	5.5	3	
7	5	-5	0	-0	0	-0	-0	1.5	0.6	0.1	0.0	2.1	3	
8	5	13	-0	-0	0	-0	0	4.3	1.5	0.3	0.0	5.8	3	
9	5	2	-0	0	0	0	0	0.6	0.1	0.2	0.0	0.8	2	
2	10	-12	0	0	0	0	-0	4.1	1.0	0.2	0.0	5.1	3	
7	10	-5	0	-0	0	0	0	1.5	0.0	0.1	0.0	1.5	2	
8	10	13	-0	-0	0	-0	0	4.3	0.9	0.3	0.0	5.2	3	
9	10	2	-0	0	0	-0	0	0.6	0.0	0.2	0.0	0.7	2	

ASTA NUM. 24 NI 3822 NF 3821 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	-0	0	0	-0	3.4	1.6	0.1	0.0	4.9	3	
7	0	4	0	0	0	-0	0	1.3	0.7	0.0	0.0	1.9	3	
8	0	12	-0	0	0	-0	0	4.0	1.6	0.0	0.0	5.6	3	
9	0	-8	0	-0	0	0	-0	2.7	1.6	0.2	0.0	4.2	3	
2	14	-10	0	-0	0	0	-0	3.3	1.1	0.1	0.0	4.4	3	
7	14	4	-0	0	0	-0	0	1.3	0.6	0.1	0.0	1.9	3	
8	14	12	-0	0	0	-0	0	4.0	1.5	0.1	0.0	5.5	3	
9	14	-8	0	-0	0	0	-0	2.6	0.9	0.1	0.0	3.6	3	
2	27	-10	0	-0	0	0	-0	3.3	1.0	0.0	0.0	4.3	3	
7	27	4	-0	0	0	-0	0	1.4	0.2	0.1	0.0	1.6	2	
8	27	12	-0	0	0	-0	0	4.1	1.0	0.1	0.0	5.1	3	
9	27	-8	0	-0	0	0	-0	2.6	0.6	0.1	0.0	3.2	3	

ASTA NUM. 443 NI 3821 NF 3815 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-20	0	0	0	0	-0	6.5	3.4	0.3	0.0	9.9	3	
7	0	4	-0	-0	0	-0	0	1.4	1.3	0.0	0.0	2.7	3	
8	0	27	-0	-0	0	-0	0	9.0	4.0	0.1	0.0	13.0	3	
9	0	-7	1	0	0	0	-0	2.3	2.7	0.5	0.0	5.0	3	
2	14	-20	0	0	0	0	-0	6.4	2.1	0.2	0.0	8.5	3	
7	14	5	-0	-0	0	-0	0	1.5	0.7	0.2	0.0	2.2	3	
8	14	28	-0	-0	0	-0	0	9.1	3.3	0.2	0.0	12.4	3	
9	14	-7	0	0	0	0	-0	2.2	0.7	0.3	0.0	2.9	3	
2	27	-19	-0	0	0	-0	-0	6.3	1.6	0.0	0.0	7.9	3	
7	27	5	-0	-0	0	0	-0	1.6	0.7	0.4	0.0	2.3	1	
8	27	28	-1	-0	0	0	0	9.2	1.6	0.4	0.0	10.8	3	
9	27	-6	0	0	0	-0	0	2.1	0.4	0.1	0.0	2.5	1	

ASTA NUM. 427 NI 4141 NF 4140 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-16	-0	0	0	0	-0	5.2	0.6	0.1	0.0	5.8	3	

7	0	-1	0	-0	0	-0	-0	0.2	0.8	0.3	0.0	1.0	3
8	0	20	1	-0	0	-0	0	6.6	0.0	0.5	0.0	6.7	2
9	0	-2	-0	0	0	0	0	0.6	0.5	0.0	0.0	1.1	3
2	14	-15	-0	0	0	-0	-0	5.1	1.7	0.3	0.0	6.7	3
7	14	-0	0	-0	0	0	0	0.1	0.0	0.1	0.0	0.2	2
8	14	20	0	-0	0	0	0	6.7	2.5	0.4	0.0	9.3	3
9	14	-1	-0	0	0	-0	0	0.5	0.0	0.2	0.0	0.6	2
2	27	-15	-1	0	0	-0	-0	5.0	3.7	0.5	0.0	8.6	3
7	27	0	-0	-0	0	0	0	0.1	0.0	0.1	0.0	0.2	2
8	27	21	0	-0	0	0	0	6.8	4.0	0.2	0.0	10.8	3
9	27	-1	-0	0	0	-0	-0	0.3	1.5	0.4	0.0	1.8	3

ASTA NUM. 35 NI 4140 NF 3992 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	-0	0	0	-0	-0	4.0	0.7	0.1	0.0	4.7	3	
7	0	0	0	-0	0	0	0	0.1	0.0	0.1	0.0	0.2	2	
8	0	14	0	-0	0	0	0	4.5	0.6	0.3	0.0	5.1	3	
9	0	-4	-0	0	0	-0	0	1.4	0.0	0.0	0.0	1.4	2	
2	14	-12	-0	0	0	-0	-0	4.0	1.4	0.2	0.0	5.4	3	
7	14	0	0	-0	0	0	0	0.1	0.1	0.0	0.0	0.2	2	
8	14	14	0	-0	0	0	0	4.6	1.8	0.2	0.0	6.4	3	
9	14	-4	-0	0	0	-0	-0	1.3	0.5	0.1	0.0	1.8	3	
2	27	-12	-0	0	0	-0	-0	3.9	2.5	0.2	0.0	6.5	3	
7	27	1	-0	-0	0	0	0	0.2	0.1	0.0	0.0	0.3	2	
8	27	14	0	-0	0	0	0	4.6	2.7	0.1	0.0	7.3	3	
9	27	-4	-0	0	0	-0	-0	1.3	1.2	0.2	0.0	2.5	3	

ASTA NUM. 36 NI 3992 NF 3991 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-158	-2	-0	0	-0	0	52.0	1.1	1.4	0.0	53.0	3	
7	0	-4	0	0	0	0	-0	1.2	0.7	0.1	0.0	1.9	3	
8	0	211	3	0	0	0	-0	69.5	3.3	2.3	0.0	72.8	3	
9	0	-9	0	-0	0	-0	-0	3.0	1.2	0.1	0.0	4.2	3	
2	5	-158	-2	-0	0	-0	-0	52.0	1.9	1.4	0.0	53.9	3	
7	5	-4	0	0	0	0	-0	1.2	0.5	0.1	0.0	1.7	3	
8	5	211	3	0	0	0	0	69.5	1.3	2.2	0.0	70.8	3	
9	5	-9	0	-0	0	-0	-0	3.0	1.0	0.1	0.0	4.0	3	
2	10	-158	-2	-0	0	-0	-0	51.9	4.6	1.4	0.0	56.5	3	
7	10	-4	0	0	0	0	0	1.2	0.1	0.1	0.0	1.3	2	
8	10	211	3	0	0	0	0	69.5	5.4	2.2	0.0	74.9	3	
9	10	-9	0	-0	0	-0	-0	3.0	0.8	0.1	0.0	3.9	3	

ASTA NUM. 33 NI 3991 NF 3990 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-158	-2	-0	0	-0	-0	51.9	4.6	1.5	0.0	56.5	3	
7	0	-4	0	0	0	0	0	1.2	0.1	0.1	0.0	1.3	2	
8	0	211	3	0	0	0	0	69.5	5.4	2.3	0.0	74.9	3	
9	0	-9	0	-0	0	-0	-0	3.0	0.8	0.1	0.0	3.9	3	
2	27	-158	-2	-0	0	-0	-1	51.9	20.0	1.6	0.0	71.9	3	
7	27	-3	-0	0	0	-0	0	1.1	0.0	0.1	0.0	1.1	2	
8	27	212	3	0	0	0	1	69.6	27.6	2.1	0.0	97.2	3	
9	27	-9	-0	-0	0	0	-0	2.9	0.8	0.1	0.0	3.8	3	
2	55	-157	-2	-0	0	-0	-1	51.8	36.8	1.7	0.0	88.6	3	
7	55	-3	-0	0	0	-0	-0	1.0	1.4	0.2	0.0	2.4	3	
8	55	212	3	0	0	0	2	69.6	48.5	2.0	0.0	118.2	3	
9	55	-9	-0	-0	0	0	-0	2.9	2.3	0.2	0.0	5.2	3	

ASTA NUM. 34 NI 3990 NF 3994 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.

qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-462	-2	0	0	-0	-1	152.0	36.0	1.4	0.0	188.0	3	
7	0	-21	-0	-0	0	-0	-0	7.0	0.8	0.1	0.0	7.8	3	
8	0	623	3	-0	0	0	2	205.0	47.9	2.1	0.0	252.8	3	
9	0	-7	0	0	0	0	-0	2.2	2.6	0.3	0.0	4.9	3	
2	27	-462	-2	0	0	-0	-2	152.0	50.9	1.5	0.0	202.9	3	
7	27	-21	-0	-0	0	-0	-0	6.9	2.2	0.2	0.0	9.1	3	
8	27	623	3	-0	0	0	3	205.0	69.2	2.0	0.0	274.2	3	
9	27	-7	0	0	0	-0	-0	2.2	0.8	0.1	0.0	3.0	3	
2	55	-462	-2	0	0	-0	-2	151.9	67.1	1.6	0.0	219.0	3	
7	55	-21	-0	-0	0	0	-0	6.8	5.1	0.3	0.0	11.9	3	
8	55	624	3	-0	0	0	3	205.1	89.2	1.9	0.0	294.4	3	
9	55	-6	0	0	0	-0	0	2.1	0.7	0.0	0.0	2.8	2	

ASTA NUM. 37 NI 3994 NF 3993 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-623	-0	-1	0	-0	-2	205.0	65.7	0.6	0.0	270.7	3	
7	0	-98	-1	1	0	0	-0	32.3	5.1	0.8	0.0	37.4	3	
8	0	831	1	1	0	0	3	273.2	87.9	0.8	0.0	361.1	3	
9	0	81	2	-1	0	-0	0	26.5	1.5	1.2	0.0	28.1	3	
2	5	-623	-1	-1	0	0	-2	205.0	66.0	0.6	0.0	271.0	3	
7	5	-98	-1	1	0	-0	-0	32.3	6.7	0.8	0.0	39.0	3	
8	5	831	1	1	0	-0	3	273.2	88.5	0.8	0.0	361.7	3	
9	5	81	2	-1	0	0	0	26.6	3.7	1.2	0.0	30.3	3	
2	10	-623	-1	-1	0	0	-2	205.0	67.8	0.6	0.0	272.8	3	
7	10	-98	-1	1	0	-0	-0	32.3	9.1	0.9	0.0	41.4	3	
8	10	831	1	1	0	-0	3	273.3	91.0	0.8	0.0	364.2	3	
9	10	81	2	-1	0	0	0	26.6	7.2	1.2	0.0	33.8	3	

ASTA NUM. 27 NI 3993 NF 4153 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-623	-1	-1	0	0	-2	205.0	67.8	0.6	0.0	272.8	3	
7	0	-98	-1	1	0	-0	-0	32.3	9.1	0.9	0.0	41.4	3	
8	0	831	1	1	0	-0	3	273.3	91.0	0.8	0.0	364.2	3	
9	0	81	2	-1	0	0	0	26.6	7.2	1.2	0.0	33.8	3	
2	14	-623	-1	-1	0	0	-3	204.9	74.1	0.7	0.0	279.0	3	
7	14	-98	-1	1	0	-0	-0	32.2	16.1	1.0	0.0	48.4	3	
8	14	831	1	1	0	-0	3	273.3	98.8	0.8	0.0	372.1	3	
9	14	81	2	-1	0	0	0	26.6	16.8	1.1	0.0	43.4	3	
2	27	-623	-1	-1	0	0	-3	204.9	80.6	0.7	0.0	285.5	3	
7	27	-98	-1	1	0	-0	-1	32.2	23.5	1.0	0.0	55.7	3	
8	27	831	1	1	0	-0	4	273.3	106.4	0.8	0.0	379.7	3	
9	27	81	2	-1	0	0	1	26.6	26.0	1.1	0.0	52.6	3	

ASTA NUM. 26 NI 4153 NF 4152 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-589	1	5	0	0	-3	193.7	76.4	3.5	0.0	270.1	3	
7	0	-250	-2	-4	0	-0	-1	82.2	25.6	3.0	0.0	107.8	3	
8	0	768	-2	-6	0	-0	3	252.6	100.9	4.6	0.0	353.5	3	
9	0	284	3	6	0	0	1	93.3	29.6	4.6	0.0	122.9	3	
2	14	-589	1	5	0	-0	-2	193.7	74.5	3.5	0.0	268.1	3	
7	14	-250	-2	-4	0	0	-1	82.2	36.5	3.0	0.0	118.7	3	
8	14	768	-2	-6	0	0	3	252.6	97.5	4.6	0.0	350.1	3	
9	14	284	3	6	0	-1	1	93.3	45.3	4.6	0.0	138.6	3	

2	27	-589	1	5	0	-1	-2	193.6	88.3	3.5	0.0	281.9	3
7	27	-250	-2	-4	0	1	-1	82.1	59.9	3.0	0.0	142.1	3
8	27	768	-2	-6	0	1	3	252.6	114.6	4.6	0.0	367.3	3
9	27	284	3	6	0	-1	2	93.4	79.2	4.6	0.0	172.6	3

ASTA NUM. 295 NI 4152 NF 3804 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-249	2	5	0	1	-1	81.9	62.5	3.4	0.0	144.3	3	
7	0	-585	-1	-5	0	-1	-2	192.4	85.6	3.4	0.0	278.0	3	
8	0	288	-3	-6	0	-1	2	94.6	79.0	4.6	0.0	173.6	3	
9	0	767	2	7	0	1	3	252.4	116.9	5.1	0.0	369.3	3	
2	14	-249	2	5	0	0	-1	81.8	37.2	3.4	0.0	119.0	3	
7	14	-585	-1	-5	0	-0	-2	192.4	73.0	3.4	0.0	265.4	3	
8	14	288	-3	-6	0	-0	1	94.6	44.7	4.6	0.0	139.3	3	
9	14	768	2	7	0	0	3	252.5	97.9	5.1	0.0	350.4	3	
2	27	-249	2	5	0	-0	-1	81.8	26.9	3.4	0.0	108.7	3	
7	27	-585	-1	-5	0	0	-3	192.3	77.1	3.4	0.0	269.4	3	
8	27	288	-3	-6	0	0	1	94.6	30.4	4.6	0.0	125.0	3	
9	27	768	2	7	0	-0	3	252.5	102.8	5.1	0.0	355.3	3	

ASTA NUM. 296 NI 3804 NF 3824 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-110	2	-1	0	-0	-1	36.2	25.0	1.1	0.0	61.3	3	
7	0	-634	1	1	0	0	-3	208.5	80.3	0.8	0.0	288.8	3	
8	0	96	-2	1	0	0	1	31.7	27.7	1.3	0.0	59.4	3	
9	0	845	-1	-2	0	-0	3	277.9	107.3	1.2	0.0	385.2	3	
2	14	-110	1	-1	0	-0	-0	36.2	15.7	1.1	0.0	51.9	3	
7	14	-634	1	1	0	0	-3	208.5	73.7	0.8	0.0	282.2	3	
8	14	96	-2	1	0	0	0	31.7	15.8	1.4	0.0	47.5	3	
9	14	845	-1	-2	0	-0	3	277.9	98.8	1.2	0.0	376.7	3	
2	27	-110	1	-1	0	0	-0	36.1	7.1	1.0	0.0	43.2	3	
7	27	-634	1	1	0	-0	-2	208.5	67.8	0.8	0.0	276.3	3	
8	27	97	-2	1	0	-0	0	31.8	3.9	1.4	0.0	35.7	3	
9	27	845	-1	-2	0	0	3	277.9	90.8	1.2	0.0	368.7	3	

ASTA NUM. 30 NI 3824 NF 3827 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-28	1	0	0	0	-0	9.1	6.9	0.4	0.0	16.0	3	
7	0	-484	2	-0	0	-0	-3	159.1	71.3	1.7	0.0	230.4	3	
8	0	-0	-0	-0	0	-0	0	0.1	2.2	0.1	0.0	2.3	3	
9	0	651	-3	0	0	0	3	214.1	94.4	1.9	0.0	308.5	3	
2	5	-28	1	0	0	0	-0	9.1	6.1	0.4	0.0	15.2	3	
7	5	-484	2	-0	0	-0	-2	159.1	68.2	1.7	0.0	227.3	3	
8	5	-0	-0	-0	0	-0	0	0.1	2.1	0.1	0.0	2.1	3	
9	5	651	-3	0	0	0	3	214.1	90.9	1.9	0.0	305.0	3	
2	10	-28	0	0	0	0	-0	9.1	5.4	0.4	0.0	14.5	3	
7	10	-484	2	-0	0	-0	-2	159.0	65.2	1.6	0.0	224.2	3	
8	10	-0	-0	-0	0	-0	0	0.1	1.8	0.1	0.0	1.9	3	
9	10	651	-3	0	0	0	3	214.1	87.3	1.9	0.0	301.5	3	

ASTA NUM. 32 NI 3827 NF 3826 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-28	0	0	0	0	-0	9.1	5.4	0.4	0.0	14.5	3
7	0	-484	2	-0	0	-0	-2	159.0	65.2	1.5	0.0	224.2	3
8	0	-0	-0	-0	0	-0	0	0.1	1.8	0.1	0.0	1.9	3
9	0	651	-2	0	0	0	3	214.1	87.3	1.8	0.0	301.5	3
2	27	-27	0	0	0	0	-0	9.0	2.3	0.2	0.0	11.3	3
7	27	-483	2	-0	0	-0	-2	159.0	50.3	1.4	0.0	209.3	3
8	27	-0	-0	-0	0	-0	0	0.0	0.0	0.2	0.0	0.4	2
9	27	651	-3	0	0	0	3	214.2	68.5	1.9	0.0	282.7	3
2	55	-27	0	0	0	-0	-0	8.9	0.6	0.1	0.0	9.6	3
7	55	-483	2	-0	0	-0	-1	158.9	36.6	1.3	0.0	195.5	3
8	55	0	-0	-0	0	0	-0	0.1	3.3	0.4	0.0	3.4	3
9	55	651	-3	0	0	0	2	214.3	48.3	2.0	0.0	262.6	3

ASTA NUM. 31 NI 3826 NF 3825 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	-0	-0	1.4	1.2	0.1	0.0	2.6	3	
7	0	-183	2	0	0	-0	-1	60.3	37.1	1.8	0.0	97.4	3	
8	0	-10	0	0	0	0	-0	3.3	2.3	0.2	0.0	5.6	3	
9	0	246	-3	-0	0	0	2	80.8	49.2	2.1	0.0	130.0	3	
2	27	-4	0	-0	0	0	0	1.3	0.0	0.0	0.0	1.4	2	
7	27	-183	2	0	0	-0	-1	60.2	20.1	1.6	0.0	80.2	3	
8	27	-10	0	0	0	-0	-0	3.2	0.9	0.1	0.0	4.2	3	
9	27	246	-3	-0	0	0	1	80.8	27.4	2.2	0.0	108.2	3	
2	55	-4	-0	-0	0	0	-0	1.3	0.8	0.1	0.0	2.0	3	
7	55	-183	2	0	0	-0	-0	60.1	4.2	1.5	0.0	64.3	3	
8	55	-10	-0	0	0	-0	-0	3.2	1.1	0.1	0.0	4.2	3	
9	55	246	-3	-0	0	0	0	80.9	4.3	2.4	0.0	85.3	3	

ASTA NUM. 29 NI 3825 NF 3823 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	0	-0	0	0	0	0	0.0	0.2	0.1	0.0	0.3	2	
7	0	-27	1	-0	0	-0	-0	8.8	4.6	0.8	0.0	13.4	3	
8	0	-7	0	-0	0	-0	-0	2.4	1.5	0.3	0.0	3.9	3	
9	0	31	-1	0	0	0	0	10.3	5.6	1.0	0.0	15.9	3	
2	5	0	-0	0	0	0	0	0.0	0.1	0.1	0.0	0.3	2	
7	5	-27	1	-0	0	-0	-0	8.8	3.1	0.7	0.0	11.9	3	
8	5	-7	0	-0	0	-0	-0	2.4	0.9	0.2	0.0	3.3	3	
9	5	31	-1	0	0	0	0	10.3	3.6	1.0	0.0	13.9	3	
2	10	0	-0	0	0	-0	0	0.1	0.0	0.2	0.0	0.3	2	
7	10	-27	1	-0	0	-0	-0	8.8	1.6	0.7	0.0	10.4	3	
8	10	-7	0	-0	0	0	-0	2.4	0.4	0.2	0.0	2.7	3	
9	10	31	-1	0	0	0	0	10.3	1.6	1.0	0.0	11.9	3	

ASTA NUM. 28 NI 3823 NF 3829 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	0	0	-0	0	-0	0	0.1	0.0	0.0	0.0	0.1	2	
7	0	-11	0	0	0	-0	-0	3.7	2.0	0.2	0.0	5.8	3	
8	0	-4	0	0	0	-0	-0	1.4	1.0	0.1	0.0	2.4	3	
9	0	12	-0	-0	0	0	0	4.0	2.0	0.1	0.0	6.0	3	
2	14	0	-0	-0	0	0	0	0.1	0.0	0.0	0.0	0.1	2	
7	14	-11	0	0	0	-0	-0	3.7	1.3	0.1	0.0	5.0	3	
8	14	-4	0	0	0	-0	-0	1.3	0.5	0.1	0.0	1.8	3	
9	14	12	-0	-0	0	0	0	4.0	1.5	0.2	0.0	5.6	3	
2	27	0	-0	-0	0	0	0	0.1	0.1	0.1	0.0	0.3	2	
7	27	-11	0	0	0	-0	-0	3.6	0.8	0.1	0.0	4.5	3	
8	27	-4	0	0	0	-0	0	1.3	0.1	0.0	0.0	1.4	2	
9	27	12	-0	-0	0	0	0	4.1	0.7	0.2	0.0	4.8	3	

ASTA NUM. 446 NI 3829 NF 3828 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	0	0	0	0	0.3	0.1	0.1	0.0	0.4	2	
7	0	-16	1	-0	0	-0	-0	5.2	3.6	0.5	0.0	8.7	3	
8	0	-2	0	-0	0	-0	-0	0.6	1.5	0.4	0.0	2.1	3	
9	0	19	-0	0	0	0	0	6.4	3.8	0.2	0.0	10.2	3	
2	14	-0	-0	0	0	0	0	0.1	0.0	0.1	0.0	0.2	2	
7	14	-15	0	-0	0	-0	-0	5.0	1.6	0.3	0.0	6.7	3	
8	14	-2	0	-0	0	-0	0	0.5	0.1	0.2	0.0	0.6	2	
9	14	20	-0	0	0	0	0	6.5	2.5	0.3	0.0	9.0	3	
2	27	-0	-0	0	0	-0	-0	0.0	0.8	0.3	0.0	0.8	3	
7	27	-15	0	-0	0	0	-0	4.9	0.6	0.1	0.0	5.5	3	
8	27	-1	0	-0	0	0	0	0.4	0.5	0.0	0.0	0.8	3	
9	27	20	-1	0	0	-0	0	6.6	0.0	0.5	0.0	6.7	2	

ASTA NUM. 428 NI 4139 NF 4138 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	9	1	0	0	0	-0	2.8	0.4	0.4	0.0	3.2	3	
7	0	-9	0	-0	0	-0	-0	2.9	0.7	0.1	0.0	3.5	3	
8	0	-13	-0	-0	0	-0	0	4.3	0.0	0.1	0.0	4.3	2	
9	0	12	0	0	0	0	0	3.8	0.3	0.3	0.0	4.1	3	
2	14	9	0	0	0	-0	0	2.9	1.2	0.2	0.0	4.1	3	
7	14	-8	-0	-0	0	0	-0	2.8	0.8	0.1	0.0	3.6	3	
8	14	-13	-0	-0	0	0	-0	4.2	1.4	0.3	0.0	5.6	3	
9	14	12	0	0	0	-0	0	3.9	1.5	0.1	0.0	5.5	3	
2	27	9	0	0	0	-0	0	3.1	1.9	0.0	0.0	4.9	3	
7	27	-8	-0	-0	0	0	-0	2.7	1.9	0.3	0.0	4.5	3	
8	27	-12	-1	-0	0	0	-0	4.1	3.6	0.5	0.0	7.7	3	
9	27	12	-0	0	0	-0	0	4.0	1.8	0.0	0.0	5.9	3	

ASTA NUM. 40 NI 4138 NF 3995 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	5	0	0	0	-0	0	1.6	0.2	0.1	0.0	1.8	2	
7	0	-6	0	-0	0	0	-0	1.9	0.5	0.0	0.0	2.3	3	
8	0	-10	-0	-0	0	0	-0	3.1	0.9	0.0	0.0	4.0	3	
9	0	6	0	0	0	-0	0	1.9	0.3	0.1	0.0	2.2	3	
2	14	5	0	0	0	-0	0	1.7	0.8	0.0	0.0	2.4	3	
7	14	-6	-0	-0	0	0	-0	1.8	0.7	0.1	0.0	2.5	3	
8	14	-9	-0	-0	0	0	-0	3.1	1.2	0.1	0.0	4.3	3	
9	14	6	0	0	0	-0	0	1.9	0.8	0.0	0.0	2.7	3	
2	27	5	-0	0	0	-0	0	1.7	0.8	0.0	0.0	2.5	3	
7	27	-5	-0	-0	0	0	-0	1.8	1.1	0.1	0.0	2.9	3	
8	27	-9	-0	-0	0	0	-0	3.0	1.9	0.2	0.0	4.9	3	
9	27	6	-0	0	0	-0	0	2.0	1.0	0.0	0.0	2.9	3	

ASTA NUM. 39 NI 3995 NF 3998 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-132	-2	0	0	-0	0	43.6	2.4	1.3	0.0	45.9	3	
7	0	-10	0	0	0	0	-0	3.3	1.3	0.1	0.0	4.7	3	
8	0	177	3	0	0	0	-0	58.3	5.2	2.1	0.0	63.5	3	
9	0	2	0	-0	0	-0	0	0.8	0.2	0.1	0.0	1.0	2	
2	5	-132	-2	0	0	-0	0	43.5	0.2	1.3	0.0	43.8	2	
7	5	-10	0	0	0	0	-0	3.3	1.1	0.1	0.0	4.4	3	
8	5	177	3	0	0	0	-0	58.3	1.3	2.1	0.0	59.6	3	

9	5	3	0	-0	0	-0	0	0.8	0.1	0.1	0.0	1.0	2
2	10	-132	-2	0	0	-0	-0	43.5	2.7	1.3	0.0	46.3	3
7	10	-10	0	0	0	0	-0	3.3	1.0	0.1	0.0	4.3	3
8	10	177	3	0	0	0	0	58.3	3.0	2.1	0.0	61.3	3
9	10	3	0	-0	0	-0	0	0.8	0.4	0.1	0.0	1.3	3

ASTA NUM. 42 NI 3998 NF 3997 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-132	-2	0	0	-0	-0	43.5	2.7	1.4	0.0	46.3	3	
7	0	-10	0	0	0	0	-0	3.3	1.0	0.1	0.0	4.3	3	
8	0	177	3	0	0	0	0	58.3	3.0	2.1	0.0	61.3	3	
9	0	3	0	-0	0	-0	0	0.8	0.4	0.1	0.0	1.3	3	
2	27	-132	-2	0	0	-0	-1	43.4	17.1	1.5	0.0	60.5	3	
7	27	-10	-0	0	0	-0	-0	3.2	1.0	0.1	0.0	4.2	3	
8	27	177	3	0	0	0	1	58.4	23.6	2.0	0.0	82.0	3	
9	27	3	-0	-0	0	0	0	0.9	0.6	0.0	0.0	1.5	3	
2	55	-132	-2	0	0	-0	-1	43.4	32.7	1.6	0.0	76.0	3	
7	55	-10	-0	0	0	-0	-0	3.2	2.4	0.2	0.0	5.6	3	
8	55	178	3	0	0	0	2	58.5	42.9	1.9	0.0	101.4	3	
9	55	3	-0	-0	0	0	-0	1.0	0.6	0.2	0.0	1.6	3	

ASTA NUM. 41 NI 3997 NF 3996 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-440	-2	0	0	-0	-1	144.8	32.7	1.5	0.0	177.5	3	
7	0	-13	0	-0	0	-0	-0	4.2	2.5	0.2	0.0	6.7	3	
8	0	596	3	-0	0	0	2	196.1	43.2	2.3	0.0	239.3	3	
9	0	-14	-0	0	0	0	0	4.8	0.1	0.1	0.0	4.9	2	
2	27	-440	-2	0	0	-0	-2	144.7	48.5	1.6	0.0	193.2	3	
7	27	-13	0	-0	0	0	-0	4.1	1.5	0.0	0.0	5.6	3	
8	27	596	3	-0	0	0	2	196.2	66.3	2.2	0.0	262.5	3	
9	27	-14	-0	0	0	-0	-0	4.7	1.5	0.2	0.0	6.2	3	
2	55	-440	-2	0	0	-0	-2	144.6	65.5	1.7	0.0	210.1	3	
7	55	-12	-0	-0	0	0	-0	4.0	2.1	0.1	0.0	6.1	3	
8	55	597	3	-0	0	0	3	196.3	88.2	2.0	0.0	284.5	3	
9	55	-14	-0	0	0	-0	-0	4.6	4.4	0.3	0.0	9.0	3	

ASTA NUM. 38 NI 3996 NF 4000 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-765	-4	-1	0	-0	-2	251.7	63.7	2.8	0.0	315.4	3	
7	0	52	2	1	0	0	-0	17.1	5.0	1.5	0.0	22.1	3	
8	0	1036	6	1	0	0	3	340.8	85.9	4.1	0.0	426.7	3	
9	0	-131	-3	-1	0	-0	0	43.2	1.1	2.1	0.0	44.3	3	
2	5	-765	-4	-1	0	0	-3	251.7	68.8	2.9	0.0	320.5	3	
7	5	52	2	1	0	-0	-0	17.1	2.1	1.5	0.0	19.2	3	
8	5	1036	6	1	0	-0	3	340.8	92.7	4.1	0.0	433.4	3	
9	5	-131	-3	-1	0	0	-0	43.2	4.1	2.1	0.0	47.3	3	
2	10	-765	-4	-1	0	0	-3	251.7	74.8	2.9	0.0	326.5	3	
7	10	52	2	1	0	-0	0	17.1	2.9	1.5	0.0	20.0	3	
8	10	1036	5	1	0	-0	4	340.8	101.7	4.1	0.0	442.5	3	
9	10	-131	-3	-1	0	0	-0	43.2	9.4	2.2	0.0	52.5	3	

ASTA NUM. 49 NI 4000 NF 3999 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-765	-4	-1	0	0	-3	251.7	74.8	3.1	0.0	326.5	3
7	0	52	2	1	0	-0	0	17.1	2.9	1.5	0.0	20.0	3
8	0	1036	6	1	0	-0	4	340.8	101.7	4.4	0.0	442.5	3
9	0	-131	-3	-1	0	0	-0	43.2	9.4	2.2	0.0	52.5	3
2	14	-765	-4	-1	0	0	-3	251.7	92.9	3.2	0.0	344.6	3
7	14	52	2	1	0	-0	0	17.2	13.5	1.4	0.0	30.7	3
8	14	1036	6	1	0	-0	4	340.8	127.9	4.3	0.0	468.7	3
9	14	-131	-3	-1	0	0	-1	43.1	24.2	2.3	0.0	67.3	3
2	27	-765	-4	-1	0	0	-4	251.6	111.3	3.2	0.0	362.9	3
7	27	52	2	1	0	-0	1	17.2	23.8	1.4	0.0	41.0	3
8	27	1036	6	1	0	-0	5	340.8	153.7	4.3	0.0	494.5	3
9	27	-131	-3	-1	0	0	-1	43.1	39.3	2.3	0.0	82.4	3

ASTA NUM. 300 NI 3999 NF 3802 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-1440	-26	3	0	0	-2	473.7	67.2	19.1	0.0	540.9	3			
7	0	474	22	-6	0	-0	-1	155.8	37.3	16.1	0.0	193.1	3			
8	0	1972	37	-7	0	-0	3	648.7	90.8	27.1	0.0	739.5	3			
9	0	-762	-31	6	0	0	1	250.5	42.7	23.2	0.0	293.2	3			
2	14	-1440	-26	3	0	-0	-6	473.7	164.6	19.1	0.0	638.3	3			
7	14	474	22	-6	0	0	2	155.8	65.1	16.0	0.0	221.0	3			
8	14	1972	37	-7	0	1	8	648.7	231.6	27.0	0.0	880.2	3			
9	14	-762	-32	6	0	-0	-3	250.5	96.6	23.3	0.0	347.1	3			
2	27	-1440	-26	3	0	-1	-9	473.7	272.9	19.2	0.0	746.6	3			
7	27	474	22	-6	0	1	5	155.9	167.3	16.0	0.0	323.2	3			
8	27	1972	36	-7	0	1	13	648.7	392.7	26.9	0.0	1041.3	3			
9	27	-761	-32	6	0	-1	-7	250.5	236.3	23.3	0.0	486.7	3			

ASTA NUM. 299 NI 3802 NF 3832 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	471	-22	4	0	1	5	154.9	155.3	16.0	0.0	310.2	3			
7	0	-1447	26	-5	0	-1	-9	476.0	287.1	19.4	0.0	763.1	3			
8	0	-767	32	-8	0	-2	-7	252.2	247.9	23.5	0.0	500.1	3			
9	0	1974	-37	5	0	1	13	649.3	384.1	27.0	0.0	1033.4	3			
2	14	471	-22	4	0	0	2	155.0	59.9	16.0	0.0	214.8	3			
7	14	-1447	26	-5	0	-0	-6	476.0	170.0	19.3	0.0	646.0	3			
8	14	-767	32	-8	0	-1	-3	252.2	100.7	23.4	0.0	352.9	3			
9	14	1974	-37	5	0	0	8	649.3	227.6	27.1	0.0	877.0	3			
2	27	471	-22	4	0	-0	-1	155.0	35.9	16.1	0.0	190.9	3			
7	27	-1447	26	-5	0	0	-2	476.0	70.4	19.2	0.0	546.4	3			
8	27	-767	32	-8	0	0	1	252.2	46.1	23.3	0.0	298.3	3			
9	27	1974	-37	5	0	-0	3	649.3	89.8	27.1	0.0	739.1	3			

ASTA NUM. 45 NI 3832 NF 3834 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	65	-3	-1	0	-0	1	21.4	24.9	2.1	0.0	46.3	3			
7	0	-812	5	1	0	0	-4	267.0	116.3	3.7	0.0	383.3	3			
8	0	-156	4	2	0	0	-1	51.2	46.4	3.3	0.0	97.7	3			
9	0	1097	-7	-1	0	-0	5	360.9	155.4	5.0	0.0	516.2	3			
2	14	65	-3	-1	0	-0	0	21.4	10.8	2.1	0.0	32.3	3			
7	14	-812	5	1	0	0	-3	266.9	93.2	3.7	0.0	360.1	3			
8	14	-156	4	2	0	0	-1	51.2	23.4	3.2	0.0	74.6	3			
9	14	1097	-7	-1	0	-0	4	360.9	125.2	5.0	0.0	486.1	3			
2	27	65	-3	-1	0	-0	-0	21.5	3.7	2.2	0.0	25.1	3			
7	27	-811	5	1	0	-0	-3	266.9	71.2	3.6	0.0	338.1	3			
8	27	-156	4	2	0	-0	-0	51.2	1.4	3.1	0.0	52.6	5			
9	27	1097	-7	-1	0	0	3	360.9	95.1	5.1	0.0	456.0	3			

ASTA NUM. 46 NI 3834 NF 3833 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	0	-0	3.2	0.5	0.0	0.0	3.7	3	
7	0	-472	3	-0	0	-0	-3	155.1	73.2	1.9	0.0	228.3	3	
8	0	-22	1	-0	0	-0	-0	7.3	6.7	0.4	0.0	14.0	3	
9	0	638	-3	-0	0	0	4	209.7	97.2	2.3	0.0	306.9	3	
2	5	-10	0	0	0	-0	-0	3.2	0.4	0.0	0.0	3.6	3	
7	5	-472	3	-0	0	-0	-3	155.1	69.6	1.9	0.0	224.7	3	
8	5	-22	1	-0	0	-0	-0	7.3	5.9	0.4	0.0	13.1	3	
9	5	638	-3	-0	0	0	3	209.8	93.0	2.3	0.0	302.8	3	
2	10	-10	0	0	0	-0	-0	3.2	0.4	0.0	0.0	3.6	3	
7	10	-472	3	-0	0	-0	-2	155.1	66.1	1.9	0.0	221.2	3	
8	10	-22	1	-0	0	-0	-0	7.2	5.1	0.4	0.0	12.3	3	
9	10	638	-3	-0	0	0	3	209.8	88.8	2.3	0.0	298.6	3	

ASTA NUM. 43 NI 3833 NF 3831 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	-0	-0	3.2	0.4	0.0	0.0	3.6	3	
7	0	-472	2	-0	0	-0	-2	155.1	66.1	1.8	0.0	221.2	3	
8	0	-22	1	-0	0	-0	-0	7.3	5.1	0.4	0.0	12.3	3	
9	0	638	-3	-0	0	0	3	209.8	88.8	2.2	0.0	298.6	3	
2	27	-9	-0	0	0	-0	-0	3.1	1.0	0.1	0.0	4.1	3	
7	27	-471	2	-0	0	-0	-2	155.0	48.6	1.7	0.0	203.6	3	
8	27	-22	0	-0	0	-0	-0	7.2	1.6	0.3	0.0	8.8	3	
9	27	638	-3	-0	0	0	2	209.9	66.4	2.3	0.0	276.2	3	
2	55	-9	-0	0	0	-0	-0	3.0	2.9	0.2	0.0	6.0	3	
7	55	-471	2	-0	0	-0	-1	154.9	32.3	1.5	0.0	187.3	3	
8	55	-22	0	-0	0	0	0	7.1	0.6	0.1	0.0	7.7	3	
9	55	638	-3	-0	0	0	2	209.9	42.6	2.4	0.0	252.6	3	

ASTA NUM. 44 NI 3831 NF 3835 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	-0	0	-0	-0	3.6	2.3	0.2	0.0	5.9	3	
7	0	-156	2	0	0	-0	-1	51.5	32.3	1.6	0.0	83.8	3	
8	0	2	0	0	0	0	0	0.7	0.3	0.1	0.0	1.0	2	
9	0	210	-3	-0	0	0	2	69.1	43.1	1.9	0.0	112.2	3	
2	27	-11	0	-0	0	0	-0	3.5	1.0	0.1	0.0	4.5	3	
7	27	-156	2	0	0	-0	-1	51.4	17.1	1.5	0.0	68.6	3	
8	27	2	-0	0	0	-0	0	0.8	0.5	0.0	0.0	1.3	3	
9	27	210	-3	-0	0	0	1	69.2	23.6	2.0	0.0	92.8	3	
2	55	-10	-0	-0	0	0	-0	3.5	1.2	0.1	0.0	4.6	3	
7	55	-156	2	0	0	-0	-0	51.3	3.2	1.3	0.0	54.6	3	
8	55	3	-0	0	0	-0	0	0.9	0.3	0.1	0.0	1.2	2	
9	55	210	-3	-0	0	0	0	69.2	2.9	2.1	0.0	72.1	3	

ASTA NUM. 47 NI 3835 NF 3837 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	0	0	0	0	-0	2.6	1.3	0.2	0.0	4.0	3	
7	0	-3	0	-0	0	-0	-0	0.9	0.7	0.1	0.0	1.7	3	
8	0	6	-0	-0	0	-0	0	2.1	1.4	0.2	0.0	3.5	3	
9	0	-1	-0	0	0	0	0	0.3	0.4	0.1	0.0	0.7	2	
2	5	-8	0	0	0	0	-0	2.6	0.9	0.1	0.0	3.6	3	
7	5	-3	0	-0	0	-0	-0	0.9	0.4	0.1	0.0	1.4	3	

8	5	6	-0	-0	0	-0	0	2.1	0.9	0.2	0.0	3.0	3
9	5	-1	-0	0	0	0	0	0.3	0.2	0.1	0.0	0.5	2
2	10	-8	0	0	0	-0	-0	2.6	0.6	0.1	0.0	3.2	3
7	10	-3	0	-0	0	-0	0	0.9	0.0	0.1	0.0	0.9	5
8	10	7	-0	-0	0	0	0	2.1	0.3	0.2	0.0	2.5	3
9	10	-1	-0	0	0	0	-0	0.3	0.3	0.1	0.0	0.6	1

ASTA NUM. 48 NI 3837 NF 3836 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	-0	0	-0	-0	1.9	1.0	0.1	0.0	2.9	3	
7	0	6	-0	0	0	-0	0	1.9	1.0	0.0	0.0	2.9	3	
8	0	6	0	0	0	-0	0	1.8	0.8	0.0	0.0	2.6	3	
9	0	-11	0	-0	0	0	-0	3.6	2.0	0.2	0.0	5.6	3	
2	14	-6	0	-0	0	0	-0	1.8	0.6	0.1	0.0	2.4	3	
7	14	6	-0	0	0	-0	0	1.9	0.8	0.1	0.0	2.8	3	
8	14	6	-0	0	0	-0	0	1.9	0.7	0.1	0.0	2.6	3	
9	14	-11	0	-0	0	0	-0	3.5	1.3	0.1	0.0	4.8	3	
2	27	-5	-0	-0	0	0	-0	1.8	0.5	0.0	0.0	2.3	3	
7	27	6	-0	0	0	-0	0	2.0	0.2	0.1	0.0	2.2	2	
8	27	6	-0	0	0	-0	0	1.9	0.4	0.1	0.0	2.3	3	
9	27	-11	0	-0	0	0	-0	3.5	0.9	0.1	0.0	4.4	3	

ASTA NUM. 439 NI 3836 NF 3830 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	0	-0	2.9	1.9	0.3	0.0	4.8	3	
7	0	8	-0	-0	0	-0	0	2.8	2.0	0.1	0.0	4.8	3	
8	0	11	0	-0	0	-0	0	3.8	1.9	0.0	0.0	5.6	3	
9	0	-13	1	0	0	0	-0	4.4	3.7	0.5	0.0	8.1	3	
2	14	-9	0	0	0	0	-0	2.8	0.8	0.1	0.0	3.6	3	
7	14	9	-0	-0	0	-0	0	2.9	1.2	0.2	0.0	4.1	3	
8	14	12	-0	-0	0	-0	0	3.9	1.5	0.1	0.0	5.4	3	
9	14	-13	0	0	0	0	-0	4.3	1.4	0.3	0.0	5.7	3	
2	27	-8	-0	0	0	-0	-0	2.7	0.7	0.1	0.0	3.4	3	
7	27	9	-1	-0	0	0	-0	3.0	0.5	0.4	0.0	3.5	3	
8	27	12	-0	-0	0	0	0	4.0	0.0	0.3	0.0	4.0	2	
9	27	-13	0	0	0	-0	0	4.2	0.0	0.2	0.0	4.2	2	

ASTA NUM. 430 NI 4135 NF 4134 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	-0	-0	0	-0	0	3.9	0.0	0.1	0.0	3.9	2	
7	0	4	0	0	0	0	0	1.4	0.0	0.3	0.0	1.5	2	
8	0	14	1	0	0	0	0	4.7	0.0	0.5	0.0	4.8	2	
9	0	-9	0	-0	0	-0	-0	2.9	0.3	0.0	0.0	3.2	1	
2	14	-12	-0	-0	0	0	-0	3.8	1.2	0.3	0.0	5.0	3	
7	14	5	0	0	0	-0	0	1.5	0.7	0.1	0.0	2.2	3	
8	14	15	0	0	0	-0	0	4.8	1.9	0.3	0.0	6.8	3	
9	14	-8	-0	-0	0	0	-0	2.8	0.8	0.2	0.0	3.6	3	
2	27	-11	-1	-0	0	0	-0	3.7	3.1	0.4	0.0	6.8	3	
7	27	5	-0	0	0	-0	0	1.6	0.7	0.1	0.0	2.3	3	
8	27	15	0	0	0	-0	0	5.0	3.2	0.1	0.0	8.2	3	
9	27	-8	-0	-0	0	0	-0	2.6	2.3	0.4	0.0	4.9	3	

ASTA NUM. 59 NI 4134 NF 4003 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-10	-0	0	0	0	-0	3.2	0.6	0.1	0.0	3.9	3
7	0	2	0	-0	0	-0	0	0.6	0.1	0.1	0.0	0.7	2
8	0	10	0	-0	0	-0	0	3.4	0.2	0.2	0.0	3.6	2
9	0	-6	-0	0	0	0	-0	2.1	0.5	0.0	0.0	2.7	3
2	14	-10	-0	0	0	0	-0	3.2	1.1	0.1	0.0	4.3	3
7	14	2	0	-0	0	-0	0	0.7	0.3	0.0	0.0	1.0	3
8	14	10	0	-0	0	-0	0	3.4	1.3	0.2	0.0	4.7	3
9	14	-6	-0	0	0	0	-0	2.1	0.7	0.1	0.0	2.8	3
2	27	-10	-0	0	0	0	-0	3.1	1.9	0.2	0.0	5.0	3
7	27	2	-0	-0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2
8	27	11	0	-0	0	-0	0	3.5	1.8	0.1	0.0	5.3	3
9	27	-6	-0	0	0	0	-0	2.0	1.2	0.1	0.0	3.3	3

ASTA NUM. 60 NI 4003 NF 4002 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-26	-1	-0	0	0	-0	8.4	1.4	0.7	0.0	9.9	3		
7	0	2	0	0	0	-0	0	0.6	0.0	0.1	0.0	0.6	2		
8	0	30	1	0	0	-0	0	9.8	1.4	1.0	0.0	11.2	3		
9	0	-9	-0	-0	0	0	-0	3.1	0.6	0.2	0.0	3.7	3		
2	5	-26	-1	-0	0	0	-0	8.4	3.0	0.7	0.0	11.4	3		
7	5	2	0	0	0	-0	0	0.6	0.1	0.1	0.0	0.7	2		
8	5	30	1	0	0	-0	0	9.8	3.5	1.0	0.0	13.3	3		
9	5	-9	-0	-0	0	0	-0	3.1	1.2	0.2	0.0	4.2	3		
2	10	-26	-1	-0	0	0	-0	8.4	4.5	0.8	0.0	12.9	3		
7	10	2	0	0	0	-0	0	0.6	0.6	0.1	0.0	1.2	3		
8	10	30	1	0	0	-0	0	9.8	5.5	1.0	0.0	15.4	3		
9	10	-9	-0	-0	0	0	-0	3.0	1.8	0.3	0.0	4.8	3		

ASTA NUM. 57 NI 4002 NF 4001 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-182	-2	0	0	0	-0	59.7	4.1	1.5	0.0	63.8	3		
7	0	-3	0	-0	0	-0	-0	1.1	0.6	0.1	0.0	1.8	3		
8	0	244	3	-0	0	-0	0	80.2	4.1	2.4	0.0	84.3	3		
9	0	-11	0	0	0	0	-0	3.6	1.3	0.1	0.0	4.9	3		
2	27	-181	-2	0	0	0	-1	59.7	19.8	1.6	0.0	79.5	3		
7	27	-3	-0	-0	0	-0	0	1.0	0.0	0.0	0.0	1.1	2		
8	27	244	3	-0	0	-0	1	80.2	27.2	2.2	0.0	107.4	3		
9	27	-11	-0	0	0	0	-0	3.5	1.0	0.1	0.0	4.6	3		
2	55	-181	-2	0	0	0	-1	59.6	36.8	1.8	0.0	96.4	3		
7	55	-3	-0	-0	0	0	-0	0.9	1.2	0.2	0.0	2.1	3		
8	55	244	3	-0	0	-0	2	80.3	48.9	2.1	0.0	129.2	3		
9	55	-11	-0	0	0	-0	-0	3.5	2.4	0.2	0.0	5.8	3		

ASTA NUM. 58 NI 4001 NF 4005 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-462	-2	-0	0	0	-1	151.9	35.9	1.4	0.0	187.7	3		
7	0	-21	-0	0	0	0	-0	6.8	0.8	0.1	0.0	7.6	3		
8	0	622	3	0	0	-0	2	204.7	47.7	2.1	0.0	252.5	3		
9	0	-8	0	-0	0	-0	-0	2.5	2.8	0.3	0.0	5.3	3		
2	27	-461	-2	-0	0	0	-2	151.8	50.8	1.5	0.0	202.6	3		
7	27	-20	-0	0	0	-0	-0	6.7	2.2	0.2	0.0	8.9	3		
8	27	623	3	0	0	-0	3	204.8	69.0	2.0	0.0	273.9	3		
9	27	-7	0	-0	0	0	-0	2.4	0.9	0.1	0.0	3.3	3		
2	55	-461	-2	-0	0	0	-2	151.7	67.0	1.6	0.0	218.8	3		
7	55	-20	-0	0	0	-0	-0	6.6	5.1	0.3	0.0	11.7	3		
8	55	623	3	0	0	-0	3	204.9	89.1	1.9	0.0	294.0	3		
9	55	-7	0	-0	0	0	0	2.3	0.7	0.0	0.0	3.1	2		

ASTA NUM. 61 NI 4005 NF 4004 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-623	-0	1	0	0	-2	204.8	65.6	0.6	0.0	270.5	3	
7	0	-98	-1	-1	0	-0	-0	32.2	5.0	0.8	0.0	37.2	3	
8	0	830	1	-1	0	-0	3	273.0	87.8	0.8	0.0	360.8	3	
9	0	80	2	1	0	0	0	26.3	1.5	1.2	0.0	27.8	3	
2	5	-623	-1	1	0	-0	-2	204.8	65.9	0.6	0.0	270.7	3	
7	5	-98	-1	-1	0	0	-0	32.1	6.6	0.8	0.0	38.8	3	
8	5	830	1	-1	0	0	3	273.0	88.4	0.8	0.0	361.4	3	
9	5	80	2	1	0	-0	0	26.4	3.6	1.2	0.0	30.0	3	
2	10	-623	-1	1	0	-0	-2	204.8	67.7	0.6	0.0	272.5	3	
7	10	-98	-1	-1	0	0	-0	32.1	9.0	0.9	0.0	41.2	3	
8	10	830	1	-1	0	0	3	273.0	90.9	0.8	0.0	363.9	3	
9	10	80	2	1	0	-0	0	26.4	7.1	1.2	0.0	33.5	3	

ASTA NUM. 50 NI 4004 NF 4174 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-623	-1	1	0	-0	-2	204.8	67.7	0.6	0.0	272.5	3	
7	0	-98	-1	-1	0	0	-0	32.1	9.0	0.9	0.0	41.2	3	
8	0	830	1	-1	0	0	3	273.0	90.9	0.8	0.0	363.9	3	
9	0	80	2	1	0	-0	0	26.4	7.1	1.2	0.0	33.5	3	
2	14	-622	-1	1	0	-0	-3	204.8	74.0	0.7	0.0	278.7	3	
7	14	-98	-1	-1	0	0	-0	32.1	16.1	1.0	0.0	48.2	3	
8	14	830	1	-1	0	0	3	273.1	98.7	0.8	0.0	371.8	3	
9	14	80	2	1	0	-0	0	26.4	16.7	1.1	0.0	43.1	3	
2	27	-622	-1	1	0	-0	-3	204.7	80.5	0.7	0.0	285.2	3	
7	27	-97	-1	-1	0	0	-1	32.1	23.4	1.0	0.0	55.5	3	
8	27	830	1	-1	0	0	4	273.1	106.2	0.8	0.0	379.3	3	
9	27	80	1	1	0	-0	1	26.5	26.0	1.1	0.0	52.4	3	

ASTA NUM. 319 NI 4174 NF 4176 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-588	1	-5	0	-0	-3	193.5	76.3	3.5	0.0	269.8	3	
7	0	-249	-2	4	0	0	-1	82.0	25.6	3.0	0.0	107.6	3	
8	0	767	-2	6	0	0	3	252.3	100.8	4.6	0.0	353.1	3	
9	0	283	3	-6	0	-0	1	93.0	29.6	4.6	0.0	122.6	3	
2	14	-588	1	-5	0	0	-2	193.5	74.4	3.5	0.0	267.8	3	
7	14	-249	-2	4	0	-0	-1	82.0	36.5	3.0	0.0	118.4	3	
8	14	767	-2	6	0	-0	3	252.3	97.4	4.6	0.0	349.7	3	
9	14	283	3	-6	0	1	1	93.1	45.2	4.6	0.0	138.3	3	
2	27	-588	1	-5	0	1	-2	193.4	88.1	3.5	0.0	281.5	3	
7	27	-249	-2	4	0	-1	-1	81.9	59.9	3.0	0.0	141.8	3	
8	27	767	-2	6	0	-1	3	252.4	114.4	4.6	0.0	366.7	3	
9	27	283	3	-6	0	1	2	93.1	79.2	4.6	0.0	172.3	3	

ASTA NUM. 320 NI 4176 NF 4175 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-248	2	-5	0	-1	-1	81.6	62.5	3.4	0.0	144.1	3	
7	0	-584	-1	5	0	1	-2	192.3	85.4	3.4	0.0	277.7	3	
8	0	286	-3	6	0	1	2	94.2	79.0	4.6	0.0	173.2	3	
9	0	767	2	-7	0	-1	3	252.2	116.6	5.1	0.0	368.9	3	
2	14	-248	2	-5	0	-0	-1	81.6	37.1	3.4	0.0	118.7	3	

7	14	-584	-1	5	0	0	-2	192.2	72.8	3.4	0.0	265.0	3
8	14	287	-3	6	0	0	1	94.3	44.6	4.6	0.0	138.8	3
9	14	767	2	-7	0	-0	3	252.3	97.7	5.1	0.0	350.0	3
2	27	-248	2	-5	0	0	-1	81.6	26.9	3.4	0.0	108.5	3
7	27	-584	-1	5	0	0	-3	192.2	77.2	3.4	0.0	269.4	3
8	27	287	-3	6	0	-0	1	94.3	30.4	4.6	0.0	124.8	3
9	27	767	2	-7	0	0	3	252.3	103.0	5.1	0.0	355.3	3

ASTA NUM. 54 NI 4175 NF 3839 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-110	2	1	0	0	-1	36.1	25.1	1.1	0.0	61.2	3	
7	0	-634	1	-1	0	-0	-3	208.6	80.3	0.9	0.0	288.9	3	
8	0	96	-2	-2	0	-0	1	31.5	27.8	1.3	0.0	59.3	3	
9	0	845	-0	2	0	0	3	278.0	107.4	1.4	0.0	385.4	3	
2	14	-110	1	1	0	0	-0	36.1	15.5	1.0	0.0	51.5	3	
7	14	-634	1	-1	0	-0	-3	208.6	73.3	0.9	0.0	281.9	3	
8	14	96	-2	-2	0	-0	0	31.5	15.4	1.3	0.0	46.9	3	
9	14	845	-1	2	0	0	3	278.0	98.3	1.4	0.0	376.4	3	
2	27	-110	1	1	0	-0	-0	36.0	7.7	1.0	0.0	43.7	3	
7	27	-634	0	-1	0	0	-2	208.6	68.8	0.9	0.0	277.4	3	
8	27	96	-2	-2	0	0	0	31.6	4.7	1.4	0.0	36.3	3	
9	27	845	-1	2	0	-0	3	278.1	92.3	1.4	0.0	370.3	3	

ASTA NUM. 53 NI 3839 NF 3842 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-59	0	-0	0	-0	-0	19.3	7.7	0.3	0.0	27.1	3	
7	0	-598	2	1	0	0	-3	196.6	69.4	1.5	0.0	266.0	3	
8	0	31	-0	1	0	0	0	10.3	4.8	0.4	0.0	15.1	3	
9	0	801	-3	-1	0	-0	3	263.6	93.1	1.8	0.0	356.7	3	
2	5	-59	0	-0	0	-0	-0	19.3	6.7	0.3	0.0	26.0	3	
7	5	-598	2	1	0	0	-2	196.6	66.0	1.5	0.0	262.6	3	
8	5	31	-0	1	0	0	0	10.4	3.7	0.4	0.0	14.1	3	
9	5	801	-3	-1	0	-0	3	263.6	88.5	1.9	0.0	352.2	3	
2	10	-59	0	-0	0	0	-0	19.3	6.4	0.3	0.0	25.7	3	
7	10	-598	2	1	0	-0	-2	196.6	63.5	1.4	0.0	260.1	3	
8	10	32	-0	1	0	-0	0	10.4	3.7	0.4	0.0	14.1	3	
9	10	802	-3	-1	0	0	3	263.7	85.3	1.9	0.0	348.9	3	

ASTA NUM. 56 NI 3842 NF 3841 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-21	0	0	0	0	-0	6.9	5.1	0.3	0.0	12.0	3	
7	0	-461	2	-0	0	-0	-2	151.7	66.7	1.6	0.0	218.4	3	
8	0	-7	-0	-0	0	-0	0	2.4	0.6	0.0	0.0	3.0	2	
9	0	621	-3	0	0	0	3	204.4	88.7	1.9	0.0	293.1	3	
2	27	-21	0	0	0	0	-0	6.8	2.2	0.2	0.0	9.0	3	
7	27	-461	2	-0	0	-0	-2	151.6	50.5	1.5	0.0	202.1	3	
8	27	-7	-0	-0	0	-0	-0	2.4	0.8	0.1	0.0	3.2	3	
9	27	622	-3	0	0	0	3	204.5	68.6	2.0	0.0	273.1	3	
2	55	-20	0	0	0	-0	-0	6.7	0.8	0.1	0.0	7.6	3	
7	55	-461	2	-0	0	0	-1	151.5	36.1	1.4	0.0	187.7	3	
8	55	-7	-0	-0	0	0	-0	2.3	2.7	0.3	0.0	5.0	3	
9	55	622	-3	0	0	-0	2	204.6	48.0	2.1	0.0	252.6	3	

ASTA NUM. 55 NI 3841 NF 3840 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	--	kg			kg*m			kg/cmq						

cm		kg		kg*m				kg/cmq					
2	0	-3	0	0	0	-0	-0	1.1	1.1	0.1	0.0	2.2	3
7	0	-182	2	0	0	0	0	59.9	37.2	1.8	0.0	97.2	3
8	0	-12	0	0	0	0	0	3.8	2.5	0.2	0.0	6.3	3
9	0	244	-3	-0	0	-0	2	80.3	49.4	2.1	0.0	129.7	3
2	27	-3	0	0	0	-0	0	1.0	0.1	0.0	0.0	1.1	2
7	27	-182	2	0	0	0	0	59.9	20.0	1.6	0.0	79.9	3
8	27	-11	0	0	0	0	0	3.7	1.2	0.1	0.0	4.9	3
9	27	244	-3	-0	0	-0	1	80.3	27.3	2.2	0.0	107.7	3
2	55	-3	-0	0	0	-0	-0	0.9	0.6	0.1	0.0	1.5	3
7	55	-182	2	0	0	0	0	59.8	4.0	1.5	0.0	63.8	3
8	55	-11	-0	0	0	0	0	3.7	1.2	0.1	0.0	4.9	3
9	55	244	-3	-0	0	-0	0	80.4	4.0	2.4	0.0	84.4	3

ASTA NUM. 52 NI 3840 NF 3838 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1	-0	-0	0	-0	0	0.5	0.5	0.1	0.0	0.9	3	
7	0	-26	1	0	0	0	-0	8.5	4.4	0.8	0.0	12.8	3	
8	0	-9	0	0	0	0	-0	3.0	1.6	0.3	0.0	4.6	3	
9	0	30	-1	-0	0	-0	0	9.7	5.3	1.0	0.0	15.0	3	
2	5	1	-0	-0	0	-0	0	0.5	0.0	0.1	0.0	0.6	2	
7	5	-26	1	0	0	0	-0	8.4	2.9	0.7	0.0	11.3	3	
8	5	-9	0	0	0	0	-0	3.0	1.1	0.2	0.0	4.1	3	
9	5	30	-1	-0	0	-0	0	9.7	3.4	1.0	0.0	13.1	3	
2	10	1	-0	-0	0	-0	0	0.5	0.0	0.1	0.0	0.6	2	
7	10	-26	1	0	0	0	-0	8.4	1.5	0.7	0.0	9.9	3	
8	10	-9	0	0	0	0	-0	3.0	0.6	0.2	0.0	3.6	3	
9	10	30	-1	-0	0	-0	0	9.7	1.4	1.0	0.0	11.1	3	

ASTA NUM. 51 NI 3838 NF 3844 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	0	0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2	
7	0	-10	0	-0	0	0	-0	3.3	1.9	0.2	0.0	5.2	3	
8	0	-6	0	-0	0	0	-0	2.1	1.2	0.1	0.0	3.3	3	
9	0	10	-0	0	0	-0	0	3.4	1.8	0.1	0.0	5.2	3	
2	14	2	-0	0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2	
7	14	-10	0	-0	0	0	-0	3.3	1.1	0.1	0.0	4.4	3	
8	14	-6	0	-0	0	0	-0	2.1	0.7	0.1	0.0	2.8	3	
9	14	10	-0	0	0	-0	0	3.4	1.3	0.2	0.0	4.8	3	
2	27	2	-0	0	0	-0	0	0.6	0.1	0.1	0.0	0.7	2	
7	27	-10	0	-0	0	0	-0	3.2	0.7	0.1	0.0	3.9	3	
8	27	-6	0	-0	0	0	-0	2.0	0.5	0.0	0.0	2.6	3	
9	27	11	-0	0	0	-0	0	3.5	0.2	0.2	0.0	3.7	2	

ASTA NUM. 441 NI 3844 NF 3843 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	0	-0	0	-0	0	1.3	0.7	0.1	0.0	1.9	3	
7	0	-12	1	0	0	0	-0	4.0	3.2	0.5	0.0	7.2	3	
8	0	-9	0	0	0	0	-0	2.8	2.2	0.4	0.0	5.1	3	
9	0	14	-0	-0	0	-0	0	4.7	3.2	0.1	0.0	7.9	3	
2	14	4	-0	-0	0	-0	0	1.4	0.7	0.1	0.0	2.0	3	
7	14	-12	0	0	0	0	-0	3.9	1.3	0.3	0.0	5.2	3	
8	14	-8	0	0	0	0	-0	2.7	0.8	0.2	0.0	3.6	3	
9	14	15	-0	-0	0	-0	0	4.8	1.9	0.3	0.0	6.7	3	
2	27	5	-0	-0	0	0	0	1.5	0.0	0.3	0.0	1.6	2	
7	27	-12	0	0	0	-0	0	3.8	0.0	0.1	0.0	3.8	2	
8	27	-8	-0	0	0	-0	-0	2.6	0.3	0.0	0.0	3.0	3	
9	27	15	-1	-0	0	0	-0	4.9	0.3	0.5	0.0	5.3	5	

ASTA NUM. 429 NI 4137 NF 4136 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	10	1	-0	0	-0	-0	3.3	0.4	0.4	0.0	3.7	3	
7	0	-7	0	0	0	0	-0	2.4	0.5	0.1	0.0	2.8	1	
8	0	-15	-0	0	0	0	0	5.1	0.0	0.2	0.0	5.1	2	
9	0	9	0	-0	0	-0	0	3.1	0.0	0.3	0.0	3.1	2	
2	14	10	0	-0	0	0	0	3.4	1.4	0.2	0.0	4.8	3	
7	14	-7	-0	0	0	-0	-0	2.3	0.7	0.1	0.0	2.9	3	
8	14	-15	-0	0	0	-0	-0	5.0	1.6	0.4	0.0	6.6	3	
9	14	10	0	-0	0	0	0	3.2	1.3	0.2	0.0	4.5	3	
2	27	11	0	-0	0	0	0	3.6	2.2	0.1	0.0	5.8	3	
7	27	-7	-0	0	0	-0	-0	2.1	1.8	0.3	0.0	3.9	3	
8	27	-15	-1	0	0	-0	-0	4.8	4.0	0.5	0.0	8.8	3	
9	27	10	-0	-0	0	0	0	3.3	1.7	0.0	0.0	5.0	3	

ASTA NUM. 64 NI 4136 NF 4006 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	7	0	0	0	0	0	2.2	0.2	0.1	0.0	2.3	2	
7	0	-5	0	-0	0	-0	-0	1.7	0.5	0.0	0.0	2.2	3	
8	0	-12	-0	-0	0	-0	-0	3.9	0.9	0.1	0.0	4.8	3	
9	0	5	0	0	0	0	0	1.6	0.1	0.1	0.0	1.8	2	
2	14	7	0	0	0	0	0	2.2	0.9	0.1	0.0	3.1	3	
7	14	-5	-0	-0	0	-0	-0	1.7	0.6	0.1	0.0	2.2	3	
8	14	-12	-0	-0	0	-0	-0	3.8	1.4	0.1	0.0	5.2	3	
9	14	5	0	0	0	0	0	1.7	0.7	0.1	0.0	2.4	3	
2	27	7	0	0	0	0	0	2.2	1.0	0.0	0.0	3.3	3	
7	27	-5	-0	-0	0	-0	-0	1.6	1.0	0.1	0.0	2.6	3	
8	27	-11	-0	-0	0	-0	-0	3.8	2.1	0.2	0.0	5.9	3	
9	27	5	-0	0	0	0	0	1.7	0.7	0.0	0.0	2.5	3	

ASTA NUM. 63 NI 4006 NF 4009 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	-0	-0	0	0	0	0.6	0.0	0.1	0.0	0.7	5	
7	0	-8	-0	0	0	0	-0	2.5	0.6	0.1	0.0	3.1	1	
8	0	-2	0	0	0	-0	-0	0.7	0.4	0.1	0.0	1.1	3	
9	0	6	0	-0	0	0	0	2.0	0.0	0.2	0.0	2.1	2	
2	5	-2	-0	-0	0	0	0	0.6	0.2	0.1	0.0	0.8	2	
7	5	-8	-0	0	0	-0	-0	2.5	0.9	0.2	0.0	3.4	3	
8	5	-2	0	0	0	-0	0	0.7	0.2	0.1	0.0	0.9	2	
9	5	6	0	-0	0	0	0	2.0	0.8	0.2	0.0	2.8	3	
2	10	-2	-0	-0	0	0	-0	0.6	0.6	0.1	0.0	1.2	3	
7	10	-8	-0	0	0	-0	-0	2.5	1.4	0.2	0.0	3.8	3	
8	10	-2	0	0	0	-0	0	0.6	0.4	0.1	0.0	1.1	2	
9	10	6	0	-0	0	0	0	2.0	1.3	0.2	0.0	3.4	3	

ASTA NUM. 66 NI 4009 NF 4008 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-156	-2	0	0	0	-0	51.5	3.1	1.3	0.0	54.6	3	
7	0	-10	0	-0	0	-0	-0	3.3	1.2	0.1	0.0	4.5	3	
8	0	210	3	-0	0	-0	0	69.2	2.9	2.1	0.0	72.1	3	
9	0	1	0	0	0	0	0	0.4	0.3	0.1	0.0	0.7	2	

2	27	-156	-2	0	0	0	-1	51.4	17.2	1.5	0.0	68.6	3
7	27	-10	-0	-0	0	0	-0	3.3	0.9	0.1	0.0	4.2	3
8	27	211	3	-0	0	-0	1	69.3	23.5	2.0	0.0	92.8	3
9	27	2	0	0	0	0	0	0.5	0.4	0.0	0.0	0.9	3
2	55	-156	-2	0	0	0	-1	51.3	32.4	1.6	0.0	83.7	3
7	55	-10	-0	-0	0	0	-0	3.2	2.3	0.2	0.0	5.5	3
8	55	211	3	-0	0	0	2	69.3	42.9	1.9	0.0	112.3	3
9	55	2	-0	0	0	-0	0	0.6	0.2	0.1	0.0	0.8	2

ASTA NUM. 65 NI 4008 NF 4007 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-440	-2	-0	0	0	-1	144.8	32.6	1.5	0.0	177.4	3	
7	0	-13	0	0	0	0	-0	4.1	2.5	0.2	0.0	6.6	3	
8	0	596	3	0	0	0	2	196.1	43.1	2.3	0.0	239.2	3	
9	0	-15	-0	-0	0	-0	0	4.8	0.2	0.1	0.0	5.0	2	
2	27	-440	-2	-0	0	0	-2	144.7	48.4	1.6	0.0	193.1	3	
7	27	-12	0	0	0	-0	-0	4.1	1.4	0.0	0.0	5.5	3	
8	27	596	3	0	0	-0	2	196.2	66.3	2.2	0.0	262.4	3	
9	27	-14	-0	-0	0	0	-0	4.7	1.5	0.2	0.0	6.3	3	
2	55	-440	-2	-0	0	0	-2	144.6	65.5	1.7	0.0	210.1	3	
7	55	-12	-0	0	0	-0	-0	4.0	2.1	0.1	0.0	6.1	3	
8	55	597	3	0	0	-0	3	196.2	88.2	2.0	0.0	284.4	3	
9	55	-14	-0	-0	0	0	-0	4.7	4.5	0.3	0.0	9.1	3	

ASTA NUM. 62 NI 4007 NF 4010 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-765	-4	1	0	0	-2	251.7	63.7	2.8	0.0	315.4	3	
7	0	52	2	-1	0	-0	-0	17.1	5.0	1.5	0.0	22.1	3	
8	0	1036	6	-1	0	-0	3	340.8	85.9	4.1	0.0	426.7	3	
9	0	-131	-3	1	0	0	0	43.2	1.1	2.1	0.0	44.3	3	
2	5	-765	-4	1	0	-0	-3	251.7	68.7	2.9	0.0	320.4	3	
7	5	52	2	-1	0	0	-0	17.1	2.1	1.5	0.0	19.2	3	
8	5	1036	6	-1	0	0	3	340.8	92.6	4.1	0.0	433.4	3	
9	5	-131	-3	1	0	-0	-0	43.2	4.1	2.1	0.0	47.3	3	
2	10	-765	-4	1	0	-0	-3	251.7	74.8	2.9	0.0	326.5	3	
7	10	52	2	-1	0	0	0	17.1	2.9	1.5	0.0	20.0	3	
8	10	1036	6	-1	0	0	4	340.8	101.7	4.1	0.0	442.4	3	
9	10	-131	-3	1	0	-0	-0	43.2	9.4	2.1	0.0	52.6	3	

ASTA NUM. 72 NI 4010 NF 4155 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-765	-4	1	0	-0	-3	251.7	74.8	3.1	0.0	326.5	3	
7	0	52	2	-1	0	0	0	17.1	2.9	1.5	0.0	20.0	3	
8	0	1036	6	-1	0	0	4	340.8	101.7	4.4	0.0	442.4	3	
9	0	-131	-3	1	0	-0	-0	43.2	9.4	2.2	0.0	52.5	3	
2	14	-765	-4	1	0	-0	-3	251.6	92.9	3.2	0.0	344.5	3	
7	14	52	2	-1	0	0	0	17.2	13.5	1.4	0.0	30.7	3	
8	14	1036	6	-1	0	0	4	340.8	127.8	4.3	0.0	468.6	3	
9	14	-131	-3	1	0	-0	-1	43.1	24.2	2.3	0.0	67.3	3	
2	27	-765	-4	1	0	-0	-4	251.6	111.3	3.3	0.0	362.8	3	
7	27	52	2	-1	0	0	1	17.2	23.9	1.4	0.0	41.1	3	
8	27	1036	6	-1	0	0	5	340.8	153.7	4.3	0.0	494.5	3	
9	27	-131	-3	1	0	-0	-1	43.1	39.4	2.3	0.0	82.5	3	

ASTA NUM. 73 NI 4155 NF 4154 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-1440	-26	-3	0	-0	-2	473.7	67.2	19.1	0.0	540.9	3
7	0	474	22	6	0	0	-1	155.8	37.4	16.1	0.0	193.2	3
8	0	1972	37	7	0	0	3	648.7	90.7	27.1	0.0	739.4	3
9	0	-762	-31	-6	0	-0	1	250.6	42.7	23.2	0.0	293.3	3
2	14	-1440	-26	-3	0	0	-6	473.7	164.5	19.1	0.0	638.2	3
7	14	474	22	6	0	-0	2	155.9	65.2	16.0	0.0	221.0	3
8	14	1972	37	7	0	-1	8	648.7	231.5	27.0	0.0	880.2	3
9	14	-762	-32	-6	0	0	-3	250.6	96.7	23.3	0.0	347.3	3
2	27	-1440	-26	-3	0	1	-9	473.7	272.8	19.2	0.0	746.5	3
7	27	474	22	6	0	-1	5	155.9	167.4	16.0	0.0	323.3	3
8	27	1972	36	7	0	-1	13	648.7	392.5	26.9	0.0	1041.2	3
9	27	-762	-32	-6	0	1	-7	250.5	236.4	23.3	0.0	486.9	3

ASTA NUM. 301 NI 4154 NF 3801 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg	kg*m	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq
2	0	472	-22	-4	0	-1	5	155.2	155.5	16.0	0.0	310.7	3	
7	0	-1447	26	5	0	1	-9	476.0	287.0	19.3	0.0	763.0	3	
8	0	-768	32	8	0	2	-7	252.6	248.2	23.5	0.0	500.8	3	
9	0	1973	-37	-5	0	-1	13	649.0	384.1	27.0	0.0	1033.1	3	
2	14	472	-22	-4	0	-0	2	155.2	60.0	16.0	0.0	215.2	3	
7	14	-1447	26	5	0	0	-6	476.0	169.8	19.3	0.0	645.8	3	
8	14	-768	32	8	0	1	-3	252.6	100.8	23.4	0.0	353.4	3	
9	14	1973	-37	-5	0	-0	8	649.0	227.6	27.1	0.0	876.6	3	
2	27	472	-22	-4	0	0	-1	155.2	35.9	16.1	0.0	191.1	3	
7	27	-1447	26	5	0	-0	-2	476.0	70.7	19.2	0.0	546.7	3	
8	27	-768	32	8	0	-0	1	252.5	46.3	23.4	0.0	298.8	3	
9	27	1973	-37	-5	0	0	3	649.0	90.1	27.1	0.0	739.1	3	

ASTA NUM. 302 NI 3801 NF 3848 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg	kg*m	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq
2	0	65	-3	1	0	0	1	21.5	25.0	2.1	0.0	46.5	3	
7	0	-813	5	-1	0	-0	-4	267.4	116.5	3.7	0.0	384.0	3	
8	0	-156	4	-2	0	-0	-1	51.5	46.6	3.3	0.0	98.1	3	
9	0	1098	-7	1	0	0	5	361.2	155.5	4.9	0.0	516.7	3	
2	14	66	-3	1	0	0	0	21.6	10.7	2.1	0.0	32.3	3	
7	14	-813	5	-1	0	-0	-3	267.4	92.9	3.6	0.0	360.3	3	
8	14	-156	4	-2	0	-0	-1	51.4	23.0	3.2	0.0	74.5	3	
9	14	1098	-7	1	0	0	4	361.3	125.0	5.0	0.0	486.3	3	
2	27	66	-3	1	0	-0	-0	21.6	3.9	2.2	0.0	25.4	3	
7	27	-813	5	-1	0	0	-3	267.3	72.7	3.5	0.0	340.0	3	
8	27	-156	4	-2	0	0	-0	51.4	2.5	3.1	0.0	53.9	3	
9	27	1099	-7	1	0	-0	4	361.5	96.7	5.0	0.0	458.2	3	

ASTA NUM. 69 NI 3848 NF 3847 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg	kg*m	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq
2	0	8	0	-0	0	-0	0	2.5	1.2	0.2	0.0	3.8	3	
7	0	-634	-0	1	0	0	-3	208.7	70.8	0.5	0.0	279.5	3	
8	0	-60	-0	1	0	0	-0	19.7	7.9	0.6	0.0	27.6	3	
9	0	857	0	-1	0	-0	3	282.0	95.0	0.5	0.0	377.0	3	
2	5	8	0	-0	0	-0	0	2.6	0.9	0.2	0.0	3.4	3	
7	5	-634	-0	1	0	0	-3	208.6	70.1	0.5	0.0	278.8	3	
8	5	-60	-0	1	0	0	-0	19.7	7.0	0.6	0.0	26.7	3	
9	5	857	0	-1	0	-0	3	282.0	94.5	0.5	0.0	376.5	3	
2	10	8	-0	-0	0	0	0	2.6	1.2	0.2	0.0	3.8	3	
7	10	-634	-0	1	0	-0	-3	208.6	70.5	0.5	0.0	279.1	3	
8	10	-60	-0	1	0	-0	-0	19.7	7.2	0.6	0.0	26.9	3	

9 10 857 0 -1 0 0 3 282.0 95.2 0.5 0.0 377.2 3
ASTA NUM. 67 NI 3847 NF 3846 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-13	0	0	0	0	-0	4.2	1.9	0.1	0.0	6.1	3	
7	0	-441	2	-0	0	-0	-2	145.0	65.4	1.7	0.0	210.3	3	
8	0	-15	0	-0	0	-0	-0	5.0	4.6	0.3	0.0	9.6	3	
9	0	596	-3	0	0	0	3	196.1	87.5	2.0	0.0	283.6	3	
2	27	-12	-0	0	0	0	-0	4.1	1.4	0.0	0.0	5.5	3	
7	27	-440	2	-0	0	-0	-2	144.9	48.2	1.6	0.0	193.1	3	
8	27	-15	0	-0	0	-0	-0	5.0	1.7	0.2	0.0	6.6	3	
9	27	596	-3	0	0	0	2	196.2	65.8	2.2	0.0	261.9	3	
2	55	-12	-0	0	0	-0	-0	4.0	2.3	0.2	0.0	6.3	3	
7	55	-440	2	-0	0	0	-1	144.8	33.0	1.5	0.0	177.8	3	
8	55	-15	0	-0	0	0	0	4.9	0.1	0.1	0.0	5.0	2	
9	55	596	-3	0	0	-0	2	196.2	43.8	2.3	0.0	240.0	3	

ASTA NUM. 68 NI 3846 NF 3849 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	0	0	-0	-0	3.5	2.2	0.2	0.0	5.7	3	
7	0	-156	2	0	0	0	-1	51.3	32.5	1.6	0.0	83.9	3	
8	0	2	0	-0	0	0	0	0.6	0.1	0.1	0.0	0.7	2	
9	0	209	-3	-0	0	-0	2	68.9	43.2	1.9	0.0	112.1	3	
2	27	-10	0	0	0	-0	-0	3.4	1.0	0.1	0.0	4.4	3	
7	27	-156	2	0	0	0	-1	51.3	17.2	1.5	0.0	68.4	3	
8	27	2	-0	-0	0	0	0	0.6	0.6	0.0	0.0	1.2	3	
9	27	210	-3	-0	0	-0	1	69.0	23.6	2.0	0.0	92.6	3	
2	55	-10	-0	0	0	-0	-0	3.4	1.1	0.1	0.0	4.4	3	
7	55	-156	2	0	0	0	-0	51.2	3.1	1.3	0.0	54.2	3	
8	55	2	-0	-0	0	0	0	0.7	0.2	0.1	0.0	0.9	2	
9	55	210	-3	-0	0	-0	0	69.0	2.7	2.1	0.0	71.7	3	

ASTA NUM. 70 NI 3849 NF 3851 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	0	-0	0	-0	-0	2.5	1.2	0.2	0.0	3.7	3	
7	0	-2	0	0	0	0	-0	0.8	0.6	0.1	0.0	1.4	3	
8	0	6	-0	0	0	0	0	1.9	1.2	0.2	0.0	3.1	3	
9	0	-2	-0	-0	0	-0	0	0.5	0.3	0.1	0.0	0.8	2	
2	5	-8	0	-0	0	-0	-0	2.5	0.9	0.1	0.0	3.4	3	
7	5	-2	0	0	0	0	0	0.8	0.1	0.1	0.0	0.9	2	
8	5	6	-0	0	0	0	0	1.9	0.7	0.2	0.0	2.7	3	
9	5	-2	-0	-0	0	-0	0	0.5	0.1	0.1	0.0	0.7	2	
2	10	-8	0	-0	0	-0	-0	2.5	0.6	0.1	0.0	3.1	1	
7	10	-2	0	0	0	0	0	0.8	0.0	0.0	0.0	0.8	2	
8	10	6	-0	0	0	0	0	1.9	0.0	0.2	0.0	2.0	2	
9	10	-1	-0	-0	0	-0	-0	0.5	0.4	0.1	0.0	0.9	3	

ASTA NUM. 71 NI 3851 NF 3850 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	0	0	-0	-0	1.7	1.0	0.1	0.0	2.7	3	
7	0	6	-0	-0	0	0	0	2.0	1.0	0.0	0.0	3.1	3	
8	0	5	0	-0	0	0	0	1.6	0.7	0.0	0.0	2.3	3	
9	0	-11	0	0	0	-0	-0	3.8	2.1	0.2	0.0	5.8	3	

2	14	-5	0	0	0	-0	-0	1.7	0.6	0.1	0.0	2.2	3
7	14	6	-0	-0	0	0	0	2.1	0.9	0.1	0.0	2.9	3
8	14	5	-0	-0	0	0	0	1.6	0.7	0.1	0.0	2.3	3
9	14	-11	0	0	0	-0	-0	3.7	1.3	0.1	0.0	5.1	3
2	27	-5	-0	0	0	-0	-0	1.6	0.5	0.0	0.0	2.1	3
7	27	6	-0	-0	0	0	0	2.1	0.2	0.1	0.0	2.3	2
8	27	5	-0	-0	0	0	0	1.7	0.1	0.1	0.0	1.8	2
9	27	-11	0	0	0	-0	-0	3.7	0.9	0.1	0.0	4.6	3

ASTA NUM. 440 NI 3850 NF 3845 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	-0	0	-0	-0	2.4	1.8	0.3	0.0	4.2	3	
7	0	10	-0	0	0	0	0	3.2	2.2	0.1	0.0	5.3	3	
8	0	9	0	0	0	0	0	3.0	1.7	0.0	0.0	4.7	3	
9	0	-15	1	-0	0	-0	-0	4.9	3.9	0.5	0.0	8.8	3	
2	14	-7	0	-0	0	-0	-0	2.3	0.7	0.1	0.0	3.0	3	
7	14	10	-0	0	0	0	0	3.3	1.3	0.2	0.0	4.6	3	
8	14	10	-0	0	0	0	0	3.1	1.3	0.2	0.0	4.4	3	
9	14	-15	0	-0	0	-0	-0	4.8	1.6	0.3	0.0	6.4	3	
2	27	-7	-0	-0	0	0	-0	2.2	0.5	0.1	0.0	2.7	3	
7	27	10	-1	0	0	-0	-0	3.4	0.4	0.4	0.0	3.8	3	
8	27	10	-0	0	0	-0	0	3.3	0.0	0.3	0.0	3.3	2	
9	27	-14	0	-0	0	0	0	4.7	0.0	0.2	0.0	4.7	2	

ASTA NUM. 425 NI 4145 NF 4144 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	1	-0	0	-0	-0	1.3	0.9	0.4	0.0	2.2	3	
7	0	-17	0	0	0	0	-0	5.7	1.5	0.0	0.0	7.2	3	
8	0	-6	-0	0	0	0	0	2.1	0.6	0.1	0.0	2.8	3	
9	0	24	0	-0	0	-0	0	7.9	1.5	0.4	0.0	9.4	3	
2	14	4	0	-0	0	0	0	1.4	0.7	0.2	0.0	2.1	3	
7	14	-17	-0	0	0	-0	-0	5.6	1.8	0.1	0.0	7.4	3	
8	14	-6	-0	0	0	-0	-0	2.0	0.6	0.3	0.0	2.6	3	
9	14	24	0	-0	0	0	0	8.0	2.9	0.2	0.0	10.9	3	
2	27	5	0	-0	0	0	0	1.5	1.4	0.0	0.0	2.9	3	
7	27	-17	-0	0	0	-0	-0	5.5	3.0	0.3	0.0	8.5	3	
8	27	-6	-1	0	0	-0	-0	1.9	2.8	0.5	0.0	4.7	3	
9	27	25	-0	-0	0	0	0	8.1	3.4	0.0	0.0	11.6	3	

ASTA NUM. 83 NI 4144 NF 4013 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	0	0	0	0	0	1.4	0.2	0.1	0.0	1.5	2	
7	0	-9	0	-0	0	-0	-0	2.9	0.9	0.0	0.0	3.8	3	
8	0	-8	-0	-0	0	-0	-0	2.7	0.5	0.1	0.0	3.2	3	
9	0	10	0	0	0	0	0	3.4	1.0	0.1	0.0	4.4	3	
2	14	4	0	0	0	0	0	1.4	0.6	0.1	0.0	2.0	3	
7	14	-9	-0	-0	0	-0	-0	2.9	1.0	0.1	0.0	3.8	3	
8	14	-8	-0	-0	0	-0	-0	2.6	1.0	0.1	0.0	3.6	3	
9	14	10	0	0	0	0	0	3.5	1.3	0.0	0.0	4.7	3	
2	27	4	0	0	0	0	0	1.4	0.8	0.0	0.0	2.2	3	
7	27	-9	-0	-0	0	-0	-0	2.8	1.3	0.1	0.0	4.2	3	
8	27	-8	-0	-0	0	-0	-0	2.6	1.7	0.2	0.0	4.3	3	
9	27	11	-0	0	0	0	0	3.5	1.3	0.0	0.0	4.8	3	

ASTA NUM. 84 NI 4013 NF 4012 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	-0	-0	0	0	-0	1.4	0.4	0.1	0.0	1.7	3	
7	0	-11	-0	0	0	-0	-0	3.6	0.9	0.1	0.0	4.5	3	
8	0	1	0	0	0	-0	0	0.4	0.0	0.1	0.0	0.5	2	
9	0	11	0	-0	0	0	0	3.6	0.8	0.2	0.0	4.4	3	
2	5	-4	-0	-0	0	0	-0	1.4	0.6	0.1	0.0	2.0	3	
7	5	-11	-0	0	0	-0	-0	3.6	1.3	0.2	0.0	4.9	3	
8	5	1	0	0	0	-0	0	0.4	0.2	0.1	0.0	0.7	2	
9	5	11	0	-0	0	0	0	3.6	1.4	0.2	0.0	5.0	3	
2	10	-4	-0	-0	0	0	-0	1.3	0.9	0.1	0.0	2.2	3	
7	10	-11	-0	0	0	-0	-0	3.6	1.7	0.2	0.0	5.3	3	
8	10	1	0	0	0	-0	0	0.5	0.7	0.1	0.0	1.2	3	
9	10	11	0	-0	0	0	0	3.6	1.9	0.2	0.0	5.5	3	

ASTA NUM. 81 NI 4012 NF 4011 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-158	-2	0	0	0	-0	51.9	3.3	1.3	0.0	55.2	3	
7	0	-13	0	-0	0	-0	-0	4.1	1.5	0.1	0.0	5.7	3	
8	0	212	3	-0	0	-0	0	69.9	3.2	2.1	0.0	73.1	3	
9	0	5	0	0	0	0	0	1.6	0.3	0.1	0.0	1.9	2	
2	27	-158	-2	0	0	0	-1	51.8	17.3	1.5	0.0	69.1	3	
7	27	-12	-0	-0	0	-0	-0	4.1	1.2	0.0	0.0	5.2	3	
8	27	213	3	-0	0	-0	1	70.0	23.8	2.0	0.0	93.7	3	
9	27	5	-0	0	0	0	0	1.7	0.9	0.0	0.0	2.6	3	
2	55	-157	-2	0	0	0	-1	51.7	32.5	1.6	0.0	84.2	3	
7	55	-12	-0	-0	0	0	-0	4.0	2.5	0.2	0.0	6.5	3	
8	55	213	3	-0	0	0	2	70.0	43.1	1.9	0.0	113.1	3	
9	55	5	-0	0	0	-0	0	1.8	0.1	0.1	0.0	1.9	2	

ASTA NUM. 82 NI 4011 NF 4015 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-440	-2	-0	0	0	-1	144.9	32.7	1.5	0.0	177.5	3	
7	0	-13	0	0	0	0	-0	4.4	2.7	0.2	0.0	7.0	3	
8	0	597	3	0	0	0	2	196.2	43.2	2.3	0.0	239.5	3	
9	0	-14	-0	-0	0	-0	0	4.5	0.1	0.1	0.0	4.6	2	
2	27	-440	-2	-0	0	0	-2	144.8	48.5	1.6	0.0	193.2	3	
7	27	-13	0	0	0	-0	-0	4.3	1.5	0.1	0.0	5.8	3	
8	27	597	3	0	0	-0	2	196.3	66.3	2.2	0.0	262.7	3	
9	27	-13	-0	-0	0	0	-0	4.4	1.4	0.2	0.0	5.8	3	
2	55	-440	-2	-0	0	0	-2	144.7	65.5	1.7	0.0	210.2	3	
7	55	-13	-0	0	0	-0	-0	4.2	1.9	0.1	0.0	6.1	3	
8	55	597	3	0	0	-0	3	196.4	88.2	2.0	0.0	284.6	3	
9	55	-13	-0	-0	0	0	-0	4.3	4.5	0.3	0.0	8.8	3	

ASTA NUM. 85 NI 4015 NF 4014 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-764	-4	1	0	0	-2	251.4	63.7	2.8	0.0	315.0	3	
7	0	54	2	-1	0	-0	-0	17.6	4.9	1.5	0.0	22.5	3	
8	0	1035	6	-1	0	-0	3	340.5	85.8	4.1	0.0	426.3	3	
9	0	-134	-3	1	0	0	0	44.0	0.9	2.1	0.0	45.0	3	
2	5	-764	-4	1	0	-0	-3	251.4	68.7	2.9	0.0	320.0	3	
7	5	54	2	-1	0	0	-0	17.7	2.0	1.5	0.0	19.7	3	
8	5	1035	6	-1	0	0	3	340.5	92.5	4.1	0.0	433.0	3	
9	5	-134	-3	1	0	-0	-0	44.0	4.3	2.2	0.0	48.3	3	
2	10	-764	-4	1	0	-0	-3	251.3	74.8	2.9	0.0	326.1	3	
7	10	54	2	-1	0	0	0	17.7	3.0	1.5	0.0	20.7	3	

8 10 1035 5 -1 0 0 4 340.5 101.6 4.0 0.0 442.0 3
 9 10 -134 -3 1 0 -0 -0 44.0 9.5 2.2 0.0 53.5 3

ASTA NUM. 75 NI 4014 NF 4157 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-764	-4	1	0	-0	-3	251.3	74.8	3.1	0.0	326.1	3	
7	0	54	2	-1	0	0	0	17.7	3.0	1.5	0.0	20.7	3	
8	0	1035	6	-1	0	0	4	340.5	101.6	4.4	0.0	442.0	3	
9	0	-134	-3	1	0	-0	-0	44.0	9.5	2.2	0.0	53.5	3	
2	14	-764	-4	1	0	-0	-3	251.3	92.8	3.2	0.0	344.1	3	
7	14	54	2	-1	0	0	0	17.7	13.6	1.4	0.0	31.3	3	
8	14	1035	6	-1	0	0	4	340.5	127.7	4.3	0.0	468.2	3	
9	14	-134	-3	1	0	-0	-1	43.9	24.3	2.3	0.0	68.2	3	
2	27	-764	-4	1	0	-0	-4	251.3	111.2	3.2	0.0	362.5	3	
7	27	54	2	-1	0	0	1	17.7	23.9	1.4	0.0	41.6	3	
8	27	1035	6	-1	0	0	5	340.5	153.6	4.2	0.0	494.0	3	
9	27	-134	-3	1	0	-0	-1	43.9	39.4	2.3	0.0	83.3	3	

ASTA NUM. 74 NI 4157 NF 4156 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1438	-26	-3	0	-0	-2	473.0	67.1	19.1	0.0	540.2	3	
7	0	477	22	5	0	0	-1	156.9	37.0	16.2	0.0	193.8	3	
8	0	1968	37	7	0	0	3	647.4	90.6	27.0	0.0	738.0	3	
9	0	-767	-32	-5	0	-0	1	252.3	42.1	23.3	0.0	294.4	3	
2	14	-1438	-26	-3	0	0	-6	472.9	164.5	19.1	0.0	637.4	3	
7	14	477	22	5	0	-0	2	156.9	64.8	16.1	0.0	221.7	3	
8	14	1968	36	7	0	-1	8	647.4	231.5	27.0	0.0	878.9	3	
9	14	-767	-32	-5	0	0	-3	252.3	96.2	23.3	0.0	348.5	3	
2	27	-1437	-26	-3	0	1	-9	472.7	273.0	19.2	0.0	745.7	3	
7	27	477	22	5	0	-1	5	157.0	166.3	16.0	0.0	323.2	3	
8	27	1968	36	7	0	-1	13	647.4	392.9	26.9	0.0	1040.2	3	
9	27	-767	-32	-5	0	1	-7	252.2	234.8	23.4	0.0	487.0	3	

ASTA NUM. 293 NI 4156 NF 3805 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	471	-22	-4	0	-1	5	154.9	155.7	15.9	0.0	310.6	3	
7	0	-1449	26	5	0	1	-9	476.6	285.8	19.4	0.0	762.4	3	
8	0	-767	32	8	0	2	-7	252.3	248.7	23.4	0.0	501.0	3	
9	0	1975	-37	-5	0	-1	13	649.7	382.0	27.1	0.0	1031.7	3	
2	14	471	-22	-4	0	-0	2	154.9	60.1	16.0	0.0	215.0	3	
7	14	-1449	26	5	0	0	-6	476.6	169.4	19.4	0.0	646.0	3	
8	14	-767	32	8	0	1	-3	252.3	101.0	23.3	0.0	353.3	3	
9	14	1975	-37	-5	0	-0	8	649.7	226.7	27.2	0.0	876.4	3	
2	27	471	-22	-4	0	0	-1	154.9	35.9	16.1	0.0	190.8	3	
7	27	-1449	26	5	0	-0	-2	476.6	70.1	19.3	0.0	546.7	3	
8	27	-767	32	8	0	-0	1	252.2	46.3	23.3	0.0	298.5	3	
9	27	1975	-37	-5	0	0	3	649.7	89.1	27.2	0.0	738.8	3	

ASTA NUM. 294 NI 3805 NF 3853 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	66	-3	1	0	0	1	21.8	25.3	2.1	0.0	47.2	3	
7	0	-813	5	-1	0	-0	-4	267.3	116.1	3.7	0.0	383.4	3	
8	0	-158	4	-2	0	-0	-1	52.0	47.2	3.3	0.0	99.2	3	

9	0	1098	-7	1	0	0	5	361.2	154.9	4.9	0.0	516.1	3
2	14	66	-3	1	0	0	0	21.9	10.9	2.1	0.0	32.8	3
7	14	-812	5	-1	0	-0	-3	267.3	92.7	3.6	0.0	359.9	3
8	14	-158	4	-2	0	-0	-1	52.0	23.3	3.2	0.0	75.3	3
9	14	1098	-7	1	0	0	4	361.2	124.7	5.0	0.0	485.9	3
2	27	67	-3	1	0	-0	-0	21.9	3.8	2.2	0.0	25.7	3
7	27	-812	5	-1	0	0	-3	267.2	72.5	3.6	0.0	339.7	3
8	27	-158	4	-2	0	0	-0	51.9	2.7	3.2	0.0	54.6	3
9	27	1098	-7	1	0	-0	3	361.2	96.4	5.1	0.0	457.6	3

ASTA NUM. 78 NI 3853 NF 3856 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	8	-0	-0	0	-0	0	2.7	1.4	0.2	0.0	4.1	3			
7	0	-634	-0	1	0	0	-3	208.5	70.7	0.5	0.0	279.2	3			
8	0	-61	0	1	0	0	-0	20.0	8.2	0.6	0.0	28.2	3			
9	0	856	0	-1	0	-0	3	281.7	94.8	0.5	0.0	376.6	3			
2	5	8	-0	-0	0	-0	0	2.8	1.0	0.2	0.0	3.7	3			
7	5	-634	-0	1	0	0	-3	208.5	70.1	0.5	0.0	278.6	3			
8	5	-61	-0	1	0	0	-0	20.0	7.1	0.6	0.0	27.2	3			
9	5	857	0	-1	0	-0	3	281.8	94.3	0.5	0.0	376.1	3			
2	10	8	-0	-0	0	0	0	2.8	1.2	0.2	0.0	4.0	3			
7	10	-634	-0	1	0	-0	-3	208.5	70.5	0.5	0.0	278.9	3			
8	10	-61	-0	1	0	-0	-0	20.0	7.2	0.6	0.0	27.2	3			
9	10	857	0	-1	0	0	3	281.8	95.1	0.5	0.0	376.9	3			

ASTA NUM. 80 NI 3856 NF 3855 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-13	0	0	0	0	-0	4.4	1.8	0.1	0.0	6.2	3			
7	0	-441	2	-0	0	-0	-2	145.1	65.3	1.7	0.0	210.4	3			
8	0	-14	0	-0	0	-0	-0	4.7	4.7	0.3	0.0	9.4	3			
9	0	597	-3	0	0	0	3	196.3	87.5	2.0	0.0	283.8	3			
2	27	-13	-0	0	0	0	-0	4.3	1.4	0.1	0.0	5.8	3			
7	27	-441	2	-0	0	-0	-2	145.0	48.2	1.6	0.0	193.2	3			
8	27	-14	0	-0	0	-0	-0	4.6	1.6	0.2	0.0	6.2	3			
9	27	597	-3	0	0	0	2	196.4	65.8	2.2	0.0	262.2	3			
2	55	-13	-0	0	0	-0	-0	4.2	2.5	0.2	0.0	6.7	3			
7	55	-441	2	-0	0	0	-1	144.9	33.1	1.5	0.0	178.0	3			
8	55	-14	0	-0	0	0	0	4.5	0.2	0.1	0.0	4.7	2			
9	55	597	-3	0	0	-0	2	196.4	43.9	2.3	0.0	240.4	3			

ASTA NUM. 79 NI 3855 NF 3854 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-13	0	0	0	-0	-0	4.3	2.4	0.2	0.0	6.7	3			
7	0	-158	2	0	0	0	-1	51.8	32.7	1.6	0.0	84.5	3			
8	0	5	0	-0	0	0	0	1.7	0.1	0.1	0.0	1.9	2			
9	0	212	-3	-0	0	-0	2	69.6	43.4	1.9	0.0	113.0	3			
2	27	-13	0	0	0	-0	-0	4.2	1.3	0.0	0.0	5.5	3			
7	27	-157	2	0	0	0	-1	51.7	17.3	1.4	0.0	69.0	3			
8	27	5	0	-0	0	0	0	1.8	1.0	0.0	0.0	2.8	3			
9	27	212	-3	-0	0	-0	1	69.7	23.8	2.0	0.0	93.5	3			
2	55	-13	-0	0	0	-0	-0	4.1	1.5	0.1	0.0	5.6	3			
7	55	-157	2	0	0	0	-0	51.6	3.2	1.3	0.0	54.9	3			
8	55	6	-0	-0	0	0	0	1.9	0.2	0.1	0.0	2.1	2			
9	55	212	-3	-0	0	-0	0	69.7	3.0	2.1	0.0	72.7	3			

ASTA NUM. 77 NI 3854 NF 3852 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	-0	0	-0	-0	3.6	1.6	0.2	0.0	5.2	3	
7	0	-4	0	0	0	0	-0	1.5	0.8	0.1	0.0	2.3	3	
8	0	11	-0	0	0	0	0	3.5	1.7	0.2	0.0	5.2	3	
9	0	1	-0	-0	0	-0	0	0.5	0.6	0.1	0.0	1.1	3	
2	5	-11	0	-0	0	-0	-0	3.6	1.2	0.1	0.0	4.8	3	
7	5	-4	0	0	0	0	-0	1.4	0.6	0.1	0.0	2.0	3	
8	5	11	-0	0	0	0	0	3.5	1.3	0.2	0.0	4.8	3	
9	5	1	-0	-0	0	-0	0	0.5	0.1	0.1	0.0	0.6	2	
2	10	-11	0	-0	0	-0	-0	3.5	0.9	0.1	0.0	4.5	3	
7	10	-4	0	0	0	0	-0	1.4	0.4	0.1	0.0	1.8	3	
8	10	11	-0	0	0	0	0	3.5	0.8	0.2	0.0	4.3	3	
9	10	2	-0	-0	0	-0	0	0.5	0.0	0.1	0.0	0.6	2	

ASTA NUM. 76 NI 3852 NF 3858 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	-0	-0	2.9	1.3	0.1	0.0	4.2	3	
7	0	4	-0	-0	0	0	0	1.3	0.8	0.0	0.0	2.1	3	
8	0	10	0	-0	0	0	0	3.3	1.3	0.0	0.0	4.6	3	
9	0	-8	0	0	0	-0	-0	2.7	1.7	0.2	0.0	4.4	3	
2	14	-9	0	0	0	-0	-0	2.9	1.0	0.1	0.0	3.8	3	
7	14	4	-0	-0	0	0	0	1.4	0.6	0.1	0.0	2.0	3	
8	14	10	-0	-0	0	0	0	3.4	1.3	0.0	0.0	4.7	3	
9	14	-8	0	0	0	-0	-0	2.7	1.0	0.1	0.0	3.6	3	
2	27	-9	-0	0	0	-0	-0	2.8	0.9	0.0	0.0	3.7	3	
7	27	4	-0	-0	0	0	0	1.4	0.2	0.1	0.0	1.6	2	
8	27	10	-0	-0	0	0	0	3.4	1.0	0.1	0.0	4.4	3	
9	27	-8	0	0	0	-0	-0	2.6	0.6	0.1	0.0	3.2	3	

ASTA NUM. 444 NI 3858 NF 3857 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-17	0	-0	0	-0	-0	5.7	2.9	0.3	0.0	8.6	3	
7	0	4	-0	0	0	0	0	1.2	1.4	0.0	0.0	2.7	3	
8	0	24	0	0	0	0	0	7.7	3.4	0.0	0.0	11.1	3	
9	0	-6	1	-0	0	-0	-0	2.1	2.8	0.5	0.0	4.9	3	
2	14	-17	0	-0	0	-0	-0	5.5	1.8	0.1	0.0	7.3	3	
7	14	4	-0	0	0	0	0	1.4	0.7	0.2	0.0	2.1	3	
8	14	24	-0	0	0	0	0	7.9	2.9	0.2	0.0	10.8	3	
9	14	-6	0	-0	0	-0	-0	2.0	0.6	0.3	0.0	2.6	3	
2	27	-17	-0	-0	0	0	-0	5.4	1.5	0.1	0.0	6.9	3	
7	27	4	-1	0	0	-0	-0	1.5	0.9	0.4	0.0	2.4	3	
8	27	24	-0	0	0	-0	0	8.0	1.5	0.4	0.0	9.4	3	
9	27	-6	0	-0	0	0	0	1.9	0.6	0.1	0.0	2.5	3	

ASTA NUM. 426 NI 4143 NF 4142 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-17	-0	-0	0	-0	-0	5.7	0.8	0.1	0.0	6.5	3	
7	0	-3	0	0	0	0	-0	1.1	1.1	0.3	0.0	2.2	3	
8	0	22	1	0	0	0	0	7.3	0.5	0.5	0.0	7.9	3	
9	0	2	-0	-0	0	-0	0	0.8	0.9	0.0	0.0	1.8	1	
2	14	-17	-0	-0	0	0	-0	5.6	1.8	0.3	0.0	7.4	3	
7	14	-3	0	0	0	-0	0	1.0	0.1	0.1	0.0	1.1	2	
8	14	23	0	0	0	-0	0	7.4	2.8	0.3	0.0	10.2	3	
9	14	3	-0	-0	0	0	0	0.9	0.6	0.2	0.0	1.5	3	
2	27	-17	-1	-0	0	0	-0	5.5	3.8	0.5	0.0	9.2	3	

7	27	-3	-0	0	0	-0	0	0.9	0.1	0.1	0.0	1.0	2
8	27	23	0	0	0	-0	0	7.6	4.1	0.2	0.0	11.7	3
9	27	3	-0	-0	0	0	-0	1.1	1.1	0.4	0.0	2.1	3

ASTA NUM. 88 NI 4142 NF 4016 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-12	-0	0	0	0	-0	3.9	0.8	0.1	0.0	4.7	3		
7	0	-1	0	-0	0	-0	-0	0.2	0.4	0.1	0.0	0.7	3		
8	0	13	0	-0	0	-0	0	4.3	0.8	0.2	0.0	5.1	3		
9	0	-3	-0	0	0	0	0	0.9	0.2	0.0	0.0	1.0	2		
2	14	-12	-0	0	0	0	-0	3.8	1.3	0.1	0.0	5.1	3		
7	14	-1	0	-0	0	-0	0	0.2	0.1	0.0	0.0	0.2	2		
8	14	13	0	-0	0	-0	0	4.4	1.6	0.2	0.0	6.0	3		
9	14	-3	-0	0	0	0	0	0.8	0.1	0.1	0.0	0.9	2		
2	27	-11	-0	0	0	0	-0	3.8	2.1	0.2	0.0	5.9	3		
7	27	-0	-0	-0	0	-0	0	0.1	0.0	0.0	0.0	0.2	2		
8	27	13	0	-0	0	-0	0	4.4	2.1	0.1	0.0	6.5	3		
9	27	-2	-0	0	0	0	-0	0.8	0.9	0.2	0.0	1.7	3		

ASTA NUM. 87 NI 4016 NF 4019 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-27	-1	-0	0	0	-0	9.0	1.6	0.7	0.0	10.6	3		
7	0	-0	0	0	0	-0	-0	0.2	0.3	0.2	0.0	0.5	5		
8	0	32	1	0	0	-0	0	10.7	1.7	1.0	0.0	12.3	3		
9	0	-6	-0	-0	0	0	0	2.0	0.0	0.2	0.0	2.0	2		
2	5	-27	-1	-0	0	0	-0	9.0	3.1	0.7	0.0	12.1	3		
7	5	-0	0	0	0	-0	0	0.1	0.1	0.1	0.0	0.3	2		
8	5	32	1	0	0	-0	0	10.7	3.8	1.0	0.0	14.4	3		
9	5	-6	-0	-0	0	0	-0	2.0	0.8	0.3	0.0	2.8	3		
2	10	-27	-1	-0	0	0	-0	9.0	4.7	0.8	0.0	13.7	3		
7	10	-0	0	0	0	-0	0	0.1	0.2	0.1	0.0	0.4	2		
8	10	32	1	0	0	-0	0	10.7	5.8	1.0	0.0	16.5	3		
9	10	-6	-0	-0	0	0	-0	1.9	1.4	0.3	0.0	3.4	3		

ASTA NUM. 90 NI 4019 NF 4018 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-183	-2	0	0	0	-0	60.2	4.3	1.5	0.0	64.4	3		
7	0	-5	0	-0	0	-0	-0	1.6	0.9	0.1	0.0	2.6	3		
8	0	246	3	-0	0	-0	0	80.8	4.4	2.4	0.0	85.2	3		
9	0	-9	0	0	0	0	-0	2.8	0.9	0.1	0.0	3.8	3		
2	27	-183	-2	0	0	0	-1	60.1	20.0	1.6	0.0	80.1	3		
7	27	-5	-0	-0	0	-0	-0	1.6	0.3	0.0	0.0	1.9	3		
8	27	246	3	-0	0	-0	1	80.9	27.4	2.2	0.0	108.3	3		
9	27	-8	-0	0	0	0	-0	2.7	0.8	0.1	0.0	3.5	3		
2	55	-182	-2	0	0	0	-1	60.0	36.9	1.8	0.0	97.0	3		
7	55	-5	-0	-0	0	0	-0	1.5	1.3	0.1	0.0	2.8	3		
8	55	246	3	-0	0	-0	2	81.0	49.1	2.1	0.0	130.1	3		
9	55	-8	-0	0	0	-0	-0	2.7	2.2	0.2	0.0	4.9	3		

ASTA NUM. 89 NI 4018 NF 4017 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-462	-2	-0	0	0	-1	152.0	36.0	1.4	0.0	188.0	3		
7	0	-21	-0	0	0	0	-0	7.0	0.9	0.1	0.0	7.9	3		

8	0	623	3	0	0	-0	2	205.0	47.9	2.1	0.0	252.9	3
9	0	-7	0	-0	0	-0	-0	2.2	2.6	0.2	0.0	4.8	3
2	27	-462	-2	-0	0	0	-2	152.0	50.9	1.5	0.0	202.9	3
7	27	-21	-0	0	0	-0	-0	6.9	2.2	0.2	0.0	9.1	3
8	27	623	3	0	0	-0	3	205.1	69.1	2.0	0.0	274.2	3
9	27	-7	0	-0	0	0	-0	2.2	0.8	0.1	0.0	3.0	3
2	55	-462	-2	-0	0	0	-2	151.9	67.1	1.6	0.0	219.0	3
7	55	-21	-0	0	0	-0	-0	6.8	5.1	0.3	0.0	11.9	3
8	55	624	3	0	0	-0	3	205.2	89.2	1.9	0.0	294.3	3
9	55	-6	0	-0	0	0	0	2.1	0.7	0.0	0.0	2.8	2

ASTA NUM. 86 NI 4017 NF 4021 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-623	-0	1	0	0	-2	204.9	65.7	0.6	0.0	270.5	3	
7	0	-98	-1	-1	0	-0	-0	32.1	5.1	0.8	0.0	37.2	3	
8	0	830	1	-1	0	-0	3	273.0	87.8	0.8	0.0	360.8	3	
9	0	80	2	1	0	0	0	26.2	1.5	1.2	0.0	27.8	3	
2	5	-623	-1	1	0	-0	-2	204.9	65.9	0.6	0.0	270.8	3	
7	5	-98	-1	-1	0	0	-0	32.1	6.6	0.8	0.0	38.8	3	
8	5	830	1	-1	0	0	3	273.0	88.4	0.8	0.0	361.5	3	
9	5	80	2	1	0	-0	0	26.3	3.6	1.2	0.0	29.9	3	
2	10	-623	-1	1	0	-0	-2	204.8	67.7	0.6	0.0	272.6	3	
7	10	-98	-1	-1	0	0	-0	32.1	9.1	0.9	0.0	41.2	3	
8	10	830	1	-1	0	0	3	273.1	90.9	0.8	0.0	363.9	3	
9	10	80	2	1	0	-0	0	26.3	7.2	1.2	0.0	33.5	3	

ASTA NUM. 97 NI 4021 NF 4020 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-623	-1	1	0	-0	-2	204.8	67.7	0.6	0.0	272.6	3	
7	0	-98	-1	-1	0	0	-0	32.1	9.1	0.9	0.0	41.2	3	
8	0	830	1	-1	0	0	3	273.1	90.9	0.8	0.0	363.9	3	
9	0	80	2	1	0	-0	0	26.3	7.2	1.2	0.0	33.4	3	
2	14	-623	-1	1	0	-0	-3	204.8	73.9	0.7	0.0	278.7	3	
7	14	-97	-1	-1	0	0	-0	32.1	16.1	0.9	0.0	48.2	3	
8	14	830	1	-1	0	0	3	273.1	98.6	0.8	0.0	371.7	3	
9	14	80	2	1	0	-0	0	26.3	16.7	1.1	0.0	43.1	3	
2	27	-622	-1	1	0	-0	-3	204.8	80.4	0.7	0.0	285.2	3	
7	27	-97	-1	-1	0	0	-1	32.0	23.5	1.0	0.0	55.5	3	
8	27	830	1	-1	0	0	4	273.1	106.1	0.8	0.0	379.2	3	
9	27	80	1	1	0	-0	1	26.4	26.0	1.1	0.0	52.3	3	

ASTA NUM. 298 NI 4020 NF 3803 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-588	1	-5	0	-0	-3	193.5	76.2	3.4	0.0	269.7	3	
7	0	-249	-2	4	0	0	-1	82.0	25.7	3.0	0.0	107.6	3	
8	0	767	-2	6	0	0	3	252.2	100.6	4.6	0.0	352.9	3	
9	0	282	3	-6	0	-0	1	92.9	29.7	4.7	0.0	122.6	3	
2	14	-588	1	-5	0	0	-2	193.5	74.2	3.4	0.0	267.7	3	
7	14	-249	-2	4	0	-0	-1	81.9	36.5	3.0	0.0	118.5	3	
8	14	767	-2	6	0	-0	3	252.3	97.2	4.6	0.0	349.4	3	
9	14	282	3	-6	0	1	1	92.9	45.3	4.7	0.0	138.2	3	
2	27	-588	1	-5	0	1	-2	193.4	87.8	3.4	0.0	281.2	3	
7	27	-249	-2	4	0	-1	-1	81.9	60.0	3.0	0.0	141.9	3	
8	27	767	-2	6	0	-1	3	252.3	113.8	4.6	0.0	366.1	3	
9	27	283	3	-6	0	1	2	93.0	79.4	4.7	0.0	172.3	3	

ASTA NUM. 297 NI 3803 NF 3861 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-249	2	-5	0	-1	-1	81.9	62.3	3.4	0.0	144.2	3	
7	0	-585	-1	5	0	1	-2	192.5	85.7	3.4	0.0	278.2	3	
8	0	288	-3	6	0	1	2	94.6	78.8	4.6	0.0	173.4	3	
9	0	768	2	-7	0	-1	3	252.6	117.0	5.1	0.0	369.6	3	
2	14	-249	2	-5	0	-0	-1	81.9	37.0	3.4	0.0	118.9	3	
7	14	-585	-1	5	0	0	-2	192.5	73.0	3.4	0.0	265.5	3	
8	14	288	-3	6	0	0	1	94.6	44.5	4.6	0.0	139.1	3	
9	14	768	2	-7	0	-0	3	252.6	97.9	5.1	0.0	350.5	3	
2	27	-249	2	-5	0	0	-1	81.8	27.0	3.4	0.0	108.8	3	
7	27	-585	-1	5	0	-0	-3	192.5	77.2	3.4	0.0	269.7	3	
8	27	288	-3	6	0	-0	1	94.6	30.5	4.6	0.0	125.1	3	
9	27	768	2	-7	0	0	3	252.7	103.0	5.1	0.0	355.7	3	

ASTA NUM. 93 NI 3861 NF 3863 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-110	1	1	0	0	-1	36.2	25.1	1.1	0.0	61.4	3	
7	0	-635	1	-1	0	-0	-3	208.8	80.4	0.9	0.0	289.3	3	
8	0	96	-2	-2	0	-0	1	31.7	27.8	1.3	0.0	59.5	3	
9	0	846	-0	2	0	0	3	278.3	107.5	1.4	0.0	385.8	3	
2	14	-110	1	1	0	0	-0	36.2	15.5	1.0	0.0	51.7	3	
7	14	-635	1	-1	0	-0	-3	208.8	73.4	0.9	0.0	282.3	3	
8	14	96	-2	-2	0	-0	0	31.7	15.4	1.3	0.0	47.2	3	
9	14	846	-1	2	0	0	3	278.3	98.4	1.4	0.0	376.8	3	
2	27	-110	1	1	0	-0	-0	36.2	7.8	1.0	0.0	43.9	3	
7	27	-635	0	-1	0	0	-2	208.8	68.9	0.9	0.0	277.7	3	
8	27	97	-2	-2	0	0	0	31.8	4.8	1.4	0.0	36.6	3	
9	27	846	-1	2	0	-0	3	278.4	92.4	1.4	0.0	370.7	3	

ASTA NUM. 94 NI 3863 NF 3862 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-59	0	-0	0	-0	-0	19.5	7.7	0.3	0.0	27.2	3	
7	0	-598	2	1	0	0	-3	196.8	69.5	1.5	0.0	266.4	3	
8	0	32	-0	1	0	0	0	10.5	4.7	0.4	0.0	15.3	3	
9	0	802	-3	-1	0	-0	3	263.9	93.3	1.9	0.0	357.2	3	
2	5	-59	0	-0	0	-0	-0	19.5	6.7	0.3	0.0	26.2	3	
7	5	-598	2	1	0	0	-2	196.8	66.0	1.5	0.0	262.9	3	
8	5	32	-0	1	0	0	0	10.5	3.8	0.4	0.0	14.3	3	
9	5	802	-3	-1	0	-0	3	263.9	88.7	1.9	0.0	352.6	3	
2	10	-59	0	-0	0	0	-0	19.5	6.5	0.3	0.0	25.9	3	
7	10	-598	2	1	0	-0	-2	196.8	63.5	1.4	0.0	260.3	3	
8	10	32	-0	1	0	-0	0	10.6	3.9	0.4	0.0	14.4	3	
9	10	802	-3	-1	0	0	3	263.9	85.3	1.9	0.0	349.3	3	

ASTA NUM. 91 NI 3862 NF 3860 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-22	0	0	0	0	-0	7.1	5.1	0.3	0.0	12.3	3	
7	0	-462	2	-0	0	-0	-2	152.0	66.8	1.6	0.0	218.7	3	
8	0	-6	0	-0	0	-0	0	2.1	0.6	0.0	0.0	2.7	2	
9	0	622	-3	0	0	0	3	204.8	88.8	1.9	0.0	293.6	3	
2	27	-21	0	0	0	0	-0	7.1	2.3	0.2	0.0	9.4	3	
7	27	-462	2	-0	0	-0	-2	151.9	50.5	1.5	0.0	202.4	3	
8	27	-6	-0	-0	0	-0	-0	2.0	0.7	0.1	0.0	2.7	3	
9	27	623	-3	0	0	0	3	204.9	68.7	2.0	0.0	273.5	3	

2	55	-21	0	0	0	-0	-0	7.0	1.0	0.1	0.0	7.9	3
7	55	-462	2	-0	0	0	-1	151.8	36.2	1.4	0.0	188.0	3
8	55	-6	-0	-0	0	0	-0	1.9	2.5	0.2	0.0	4.5	3
9	55	623	-3	0	0	-0	2	204.9	48.2	2.1	0.0	253.1	3

ASTA NUM. 92 NI 3860 NF 3864 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-5	0	0	0	-0	-0	1.6	1.2	0.1	0.0	2.8	3		
7	0	-184	2	0	0	0	-1	60.4	37.3	1.8	0.0	97.7	3		
8	0	-9	0	-0	0	0	-0	3.0	2.3	0.2	0.0	5.3	3		
9	0	246	-3	-0	0	-0	2	80.9	49.6	2.1	0.0	130.5	3		
2	27	-5	0	0	0	-0	-0	1.5	0.4	0.0	0.0	1.9	3		
7	27	-183	2	0	0	0	-1	60.3	20.1	1.6	0.0	80.4	3		
8	27	-9	0	-0	0	0	-0	2.9	0.9	0.1	0.0	3.9	3		
9	27	246	-3	-0	0	-0	1	81.0	27.6	2.2	0.0	108.5	3		
2	55	-4	-0	0	0	-0	-0	1.5	0.8	0.1	0.0	2.3	3		
7	55	-183	2	0	0	0	-0	60.2	4.2	1.5	0.0	64.4	3		
8	55	-9	-0	-0	0	0	-0	2.9	0.8	0.1	0.0	3.7	3		
9	55	246	-3	-0	0	-0	0	81.1	4.3	2.4	0.0	85.3	3		

ASTA NUM. 95 NI 3864 NF 3866 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1	-0	-0	0	-0	0	0.3	0.1	0.1	0.0	0.4	2		
7	0	-27	1	0	0	0	-0	9.0	4.6	0.8	0.0	13.6	3		
8	0	-6	0	0	0	0	-0	2.0	1.3	0.3	0.0	3.3	3		
9	0	32	-1	-0	0	-0	0	10.5	5.6	1.0	0.0	16.1	3		
2	5	-1	-0	-0	0	-0	0	0.2	0.1	0.1	0.0	0.4	2		
7	5	-27	1	0	0	0	-0	9.0	3.1	0.7	0.0	12.1	3		
8	5	-6	0	0	0	0	-0	2.0	0.7	0.3	0.0	2.7	3		
9	5	32	-1	-0	0	-0	0	10.6	3.6	1.0	0.0	14.2	3		
2	10	-1	-0	-0	0	-0	-0	0.2	0.3	0.2	0.0	0.6	3		
7	10	-27	1	0	0	0	-0	9.0	1.7	0.7	0.0	10.6	3		
8	10	-6	0	0	0	0	0	1.9	0.0	0.2	0.0	2.0	2		
9	10	32	-1	-0	0	-0	0	10.6	1.7	1.0	0.0	12.2	3		

ASTA NUM. 96 NI 3866 NF 3865 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1	0	0	0	-0	0	0.3	0.0	0.0	0.0	0.3	2		
7	0	-12	0	-0	0	0	-0	3.9	2.1	0.2	0.0	6.0	3		
8	0	-3	0	-0	0	0	-0	0.9	0.9	0.2	0.0	1.8	3		
9	0	13	-0	0	0	-0	0	4.3	2.1	0.1	0.0	6.4	3		
2	14	-1	-0	0	0	-0	0	0.2	0.1	0.0	0.0	0.3	2		
7	14	-12	0	-0	0	0	-0	3.9	1.3	0.1	0.0	5.2	3		
8	14	-3	0	-0	0	0	0	0.9	0.1	0.1	0.0	1.0	2		
9	14	13	-0	0	0	-0	0	4.3	1.6	0.1	0.0	6.0	3		
2	27	-1	-0	0	0	-0	-0	0.2	0.4	0.1	0.0	0.6	3		
7	27	-12	0	-0	0	0	-0	3.8	0.9	0.1	0.0	4.7	3		
8	27	-3	0	-0	0	0	0	0.8	0.2	0.0	0.0	1.0	2		
9	27	13	-0	0	0	-0	0	4.4	0.8	0.2	0.0	5.2	3		

ASTA NUM. 445 NI 3865 NF 3859 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-4	0	-0	0	-0	0	1.2	0.1	0.1	0.0	1.3	2		

7	0	-17	1	0	0	0	-0	5.7	3.8	0.5	0.0	9.5	3
8	0	2	0	0	0	0	-0	0.7	1.1	0.4	0.0	1.8	3
9	0	22	-0	-0	0	-0	0	7.2	4.1	0.2	0.0	11.3	3
2	14	-3	-0	-0	0	-0	0	1.1	0.1	0.1	0.0	1.1	2
7	14	-17	0	0	0	0	-0	5.6	1.8	0.3	0.0	7.4	3
8	14	3	0	0	0	0	0	0.9	0.5	0.2	0.0	1.4	3
9	14	22	-0	-0	0	-0	0	7.3	2.7	0.3	0.0	10.1	3
2	27	-3	-0	-0	0	0	-0	1.0	1.1	0.3	0.0	2.1	3
7	27	-17	0	0	0	-0	-0	5.5	0.8	0.1	0.0	6.3	3
8	27	3	0	0	0	-0	0	1.0	0.9	0.0	0.0	1.9	1
9	27	23	-1	-0	0	0	0	7.4	0.5	0.5	0.0	7.9	3

ASTA NUM. 413 NI 4123 NF 4122 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	-0	0	0	0	0	3.9	0.0	0.1	0.0	3.9	2	
7	0	5	0	-0	0	-0	0	1.6	0.0	0.3	0.0	1.6	2	
8	0	14	1	-0	0	-0	-0	4.7	0.5	0.5	0.0	5.1	3	
9	0	-10	0	0	0	0	-0	3.1	0.4	0.0	0.0	3.6	3	
2	14	-11	-0	0	0	-0	-0	3.8	1.2	0.3	0.0	5.0	3	
7	14	5	0	-0	0	0	0	1.7	0.7	0.1	0.0	2.4	3	
8	14	15	0	-0	0	0	0	4.8	1.9	0.4	0.0	6.7	3	
9	14	-9	-0	0	0	-0	-0	3.0	0.9	0.2	0.0	3.9	3	
2	27	-11	-1	0	0	-0	-0	3.7	3.2	0.5	0.0	6.9	3	
7	27	5	-0	-0	0	0	0	1.8	0.7	0.1	0.0	2.5	3	
8	27	15	0	-0	0	0	0	4.9	3.3	0.2	0.0	8.2	3	
9	27	-9	-0	0	0	-0	-0	2.9	2.3	0.4	0.0	5.2	3	

ASTA NUM. 107 NI 4122 NF 4024 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	-0	0	0	-0	-0	3.6	0.5	0.1	0.0	4.1	3	
7	0	2	0	-0	0	0	0	0.7	0.0	0.1	0.0	0.7	2	
8	0	12	0	-0	0	0	0	3.8	0.2	0.3	0.0	4.1	2	
9	0	-7	-0	0	0	-0	-0	2.2	0.5	0.0	0.0	2.7	3	
2	14	-11	-0	0	0	-0	-0	3.5	1.3	0.2	0.0	4.8	3	
7	14	2	0	-0	0	0	0	0.7	0.4	0.0	0.0	1.1	3	
8	14	12	0	-0	0	0	0	3.9	1.6	0.2	0.0	5.4	3	
9	14	-7	-0	0	0	-0	-0	2.2	0.8	0.1	0.0	3.0	3	
2	27	-11	-0	0	0	-0	-0	3.5	2.4	0.2	0.0	5.8	3	
7	27	2	-0	-0	0	0	0	0.8	0.1	0.0	0.0	0.9	2	
8	27	12	0	-0	0	0	0	3.9	2.5	0.1	0.0	6.4	3	
9	27	-6	-0	0	0	-0	-0	2.1	1.4	0.1	0.0	3.6	3	

ASTA NUM. 108 NI 4024 NF 4023 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-157	-2	-0	0	-0	0	51.6	1.2	1.4	0.0	52.8	3	
7	0	-2	0	0	0	0	-0	0.8	0.5	0.1	0.0	1.3	3	
8	0	210	3	0	0	0	-0	68.9	3.5	2.3	0.0	72.5	3	
9	0	-11	0	-0	0	-0	-0	3.6	1.4	0.1	0.0	5.1	3	
2	5	-157	-2	-0	0	-0	-0	51.6	1.8	1.4	0.0	53.4	3	
7	5	-2	0	0	0	0	0	0.8	0.1	0.1	0.0	0.9	2	
8	5	210	3	0	0	0	0	68.9	1.1	2.2	0.0	70.0	3	
9	5	-11	0	-0	0	-0	-0	3.6	1.2	0.1	0.0	4.9	3	
2	10	-157	-2	-0	0	-0	-0	51.6	4.4	1.4	0.0	56.0	3	
7	10	-2	0	0	0	0	0	0.8	0.1	0.1	0.0	0.9	2	
8	10	210	3	0	0	0	0	68.9	5.2	2.2	0.0	74.2	3	
9	10	-11	0	-0	0	-0	-0	3.6	1.1	0.1	0.0	4.7	3	

ASTA NUM. 105 NI 4023 NF 4022 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.

qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-157	-2	-0	0	-0	-0	51.6	4.4	1.5	0.0	56.0	3	
7	0	-2	0	0	0	0	0	0.8	0.1	0.1	0.0	0.9	2	
8	0	210	3	0	0	0	0	68.9	5.2	2.3	0.0	74.2	3	
9	0	-11	0	-0	0	-0	-0	3.6	1.1	0.1	0.0	4.7	3	
2	27	-157	-2	-0	0	-0	-1	51.5	19.9	1.6	0.0	71.4	3	
7	27	-2	-0	0	0	-0	0	0.7	0.0	0.1	0.0	0.7	2	
8	27	210	3	0	0	0	1	69.0	27.4	2.1	0.0	96.4	3	
9	27	-11	-0	-0	0	0	-0	3.5	1.0	0.1	0.0	4.5	3	
2	55	-156	-2	-0	0	-0	-1	51.4	36.7	1.7	0.0	88.1	3	
7	55	-2	-0	0	0	-0	-0	0.6	1.3	0.2	0.0	1.9	3	
8	55	210	3	0	0	0	2	69.1	48.4	2.0	0.0	117.5	3	
9	55	-10	-0	-0	0	0	-0	3.5	2.4	0.2	0.0	5.9	3	

ASTA NUM. 106 NI 4022 NF 4026 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-461	-2	0	0	-0	-1	151.7	35.9	1.4	0.0	187.6	3	
7	0	-20	-0	-0	0	-0	-0	6.7	0.7	0.1	0.0	7.4	3	
8	0	622	3	-0	0	0	2	204.6	47.7	2.1	0.0	252.3	3	
9	0	-8	0	0	0	0	-0	2.6	2.8	0.3	0.0	5.4	3	
2	27	-461	-2	0	0	-0	-2	151.7	50.8	1.5	0.0	202.5	3	
7	27	-20	-0	-0	0	0	-0	6.6	2.2	0.2	0.0	8.8	3	
8	27	622	3	-0	0	0	3	204.7	69.0	2.0	0.0	273.7	3	
9	27	-8	0	0	0	-0	-0	2.5	0.9	0.1	0.0	3.5	3	
2	55	-461	-2	0	0	-0	-2	151.6	67.0	1.6	0.0	218.6	3	
7	55	-20	-0	-0	0	0	-0	6.6	5.0	0.3	0.0	11.6	3	
8	55	622	3	-0	0	0	3	204.7	89.1	1.9	0.0	293.8	3	
9	55	-7	0	0	0	-0	0	2.5	0.7	0.0	0.0	3.2	2	

ASTA NUM. 109 NI 4026 NF 4025 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-622	-0	-1	0	-0	-2	204.6	65.6	0.6	0.0	270.2	3	
7	0	-97	-1	1	0	0	-0	32.0	5.0	0.8	0.0	37.0	3	
8	0	829	1	1	0	0	3	272.7	87.7	0.8	0.0	360.4	3	
9	0	79	2	-1	0	-0	0	26.1	1.4	1.2	0.0	27.5	3	
2	5	-622	-1	-1	0	0	-2	204.6	65.9	0.6	0.0	270.5	3	
7	5	-97	-1	1	0	-0	-0	32.0	6.6	0.8	0.0	38.6	3	
8	5	829	1	1	0	-0	3	272.7	88.3	0.8	0.0	361.1	3	
9	5	79	2	-1	0	0	0	26.1	3.6	1.2	0.0	29.7	3	
2	10	-622	-1	-1	0	0	-2	204.6	67.7	0.6	0.0	272.3	3	
7	10	-97	-1	1	0	-0	-0	32.0	9.0	0.9	0.0	41.0	3	
8	10	829	1	1	0	-0	3	272.8	90.8	0.8	0.0	363.5	3	
9	10	79	2	-1	0	0	0	26.1	7.1	1.2	0.0	33.2	3	

ASTA NUM. 99 NI 4025 NF 4159 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-622	-1	-1	0	0	-2	204.6	67.7	0.6	0.0	272.3	3	
7	0	-97	-1	1	0	-0	-0	32.0	9.0	0.9	0.0	41.0	3	
8	0	829	1	1	0	-0	3	272.8	90.8	0.8	0.0	363.5	3	
9	0	79	2	-1	0	0	0	26.1	7.1	1.2	0.0	33.2	3	
2	14	-622	-1	-1	0	0	-3	204.6	73.9	0.7	0.0	278.5	3	
7	14	-97	-1	1	0	-0	-0	31.9	16.0	1.0	0.0	47.9	3	
8	14	829	1	1	0	-0	3	272.8	98.6	0.8	0.0	371.4	3	
9	14	80	2	-1	0	0	0	26.2	16.6	1.1	0.0	42.8	3	

2	27	-622	-1	-1	0	0	-3	204.5	80.4	0.7	0.0	284.9	3
7	27	-97	-1	1	0	-0	-1	31.9	23.4	1.0	0.0	55.2	3
8	27	830	1	1	0	-0	4	272.9	106.1	0.8	0.0	378.9	3
9	27	80	1	-1	0	0	1	26.2	25.9	1.1	0.0	52.1	3

ASTA NUM. 98 NI 4159 NF 4158 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-588	1	5	0	0	-3	193.3	76.2	3.5	0.0	269.4	3	
7	0	-248	-2	-4	0	-0	-1	81.7	25.5	3.0	0.0	107.2	3	
8	0	766	-2	-6	0	-0	3	252.0	100.6	4.6	0.0	352.6	3	
9	0	282	3	6	0	0	1	92.7	29.5	4.6	0.0	122.2	3	
2	14	-587	1	5	0	-0	-2	193.2	74.3	3.5	0.0	267.5	3	
7	14	-248	-2	-4	0	0	-1	81.7	36.4	3.0	0.0	118.1	3	
8	14	766	-2	-6	0	0	3	252.0	97.2	4.6	0.0	349.2	3	
9	14	282	3	6	0	-1	1	92.7	45.1	4.6	0.0	137.8	3	
2	27	-587	1	5	0	-1	-2	193.2	88.0	3.5	0.0	281.2	3	
7	27	-248	-2	-4	0	1	-1	81.7	59.8	3.0	0.0	141.5	3	
8	27	766	-2	-6	0	1	3	252.0	114.2	4.6	0.0	366.2	3	
9	27	282	3	6	0	-1	2	92.7	79.0	4.6	0.0	171.8	3	

ASTA NUM. 303 NI 4158 NF 3800 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-248	2	5	0	1	-1	81.5	62.2	3.4	0.0	143.7	3	
7	0	-584	-1	-5	0	-1	-2	192.0	85.4	3.3	0.0	277.4	3	
8	0	286	-3	-6	0	-1	2	94.0	78.7	4.6	0.0	172.7	3	
9	0	766	2	7	0	1	3	251.9	116.6	5.0	0.0	368.5	3	
2	14	-248	2	5	0	0	-1	81.4	37.0	3.4	0.0	118.4	3	
7	14	-584	-1	-5	0	-0	-2	192.0	72.8	3.3	0.0	264.8	3	
8	14	286	-3	-6	0	-0	1	94.0	44.5	4.6	0.0	138.5	3	
9	14	766	2	7	0	0	3	252.0	97.7	5.0	0.0	349.7	3	
2	27	-247	2	5	0	-0	-1	81.4	26.7	3.4	0.0	108.1	3	
7	27	-584	-1	-5	0	0	-3	191.9	76.9	3.3	0.0	268.8	3	
8	27	286	-3	-6	0	0	1	94.1	30.2	4.6	0.0	124.2	3	
9	27	766	2	7	0	-0	3	252.0	102.5	5.0	0.0	354.5	3	

ASTA NUM. 304 NI 3800 NF 3870 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-109	2	-1	0	-0	-1	35.8	24.9	1.1	0.0	60.7	3	
7	0	-633	1	1	0	0	-3	208.1	80.1	0.8	0.0	288.2	3	
8	0	95	-2	1	0	0	1	31.2	27.5	1.3	0.0	58.7	3	
9	0	843	-1	-2	0	-0	3	277.3	107.0	1.2	0.0	384.4	3	
2	14	-109	1	-1	0	-0	-0	35.8	15.6	1.1	0.0	51.4	3	
7	14	-633	1	1	0	0	-3	208.1	73.5	0.8	0.0	281.6	3	
8	14	95	-2	1	0	0	0	31.2	15.6	1.4	0.0	46.8	3	
9	14	843	-1	-2	0	-0	3	277.4	98.6	1.2	0.0	376.0	3	
2	27	-109	1	-1	0	0	-0	35.8	7.0	1.0	0.0	42.7	3	
7	27	-632	0	1	0	-0	-2	208.1	67.7	0.8	0.0	275.7	3	
8	27	95	-2	1	0	-0	0	31.2	3.7	1.4	0.0	35.0	3	
9	27	843	-1	-2	0	0	3	277.4	90.6	1.2	0.0	368.0	3	

ASTA NUM. 102 NI 3870 NF 3873 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-27	1	0	0	0	-0	8.8	6.8	0.4	0.0	15.6	3
7	0	-482	2	-0	0	-0	-3	158.7	71.2	1.7	0.0	229.9	3
8	0	-2	-0	-0	0	-0	0	0.6	2.1	0.1	0.0	2.6	3
9	0	649	-3	0	0	0	3	213.6	94.2	1.9	0.0	307.8	3
2	5	-27	1	0	0	0	-0	8.8	6.0	0.4	0.0	14.8	3
7	5	-482	2	-0	0	-0	-2	158.7	68.1	1.7	0.0	226.8	3
8	5	-2	-0	-0	0	-0	0	0.5	1.9	0.1	0.0	2.4	3
9	5	649	-3	0	0	0	3	213.6	90.7	1.9	0.0	304.3	3
2	10	-27	0	0	0	0	-0	8.8	5.3	0.4	0.0	14.1	3
7	10	-482	2	-0	0	-0	-2	158.7	65.1	1.6	0.0	223.8	3
8	10	-2	-0	-0	0	-0	0	0.5	1.7	0.1	0.0	2.2	3
9	10	649	-3	0	0	0	3	213.6	87.2	1.9	0.0	300.8	3

ASTA NUM. 104 NI 3873 NF 3872 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-27	0	0	0	0	-0	8.8	5.3	0.4	0.0	14.1	3	
7	0	-482	2	-0	0	-0	-2	158.7	65.1	1.5	0.0	223.8	3	
8	0	-2	-0	-0	0	-0	0	0.5	1.7	0.1	0.0	2.2	3	
9	0	649	-2	0	0	0	3	213.6	87.2	1.8	0.0	300.8	3	
2	27	-26	0	0	0	0	-0	8.7	2.2	0.2	0.0	10.9	3	
7	27	-482	2	-0	0	-0	-2	158.6	50.2	1.4	0.0	208.8	3	
8	27	-1	-0	-0	0	-0	-0	0.5	0.3	0.2	0.0	0.8	5	
9	27	650	-3	0	0	0	2	213.7	68.3	1.9	0.0	282.0	3	
2	55	-26	0	0	0	-0	-0	8.6	0.5	0.1	0.0	9.1	3	
7	55	-482	2	-0	0	-0	-1	158.6	36.5	1.3	0.0	195.1	3	
8	55	-1	-0	-0	0	0	-0	0.4	3.5	0.4	0.0	3.9	3	
9	55	650	-3	0	0	0	2	213.8	48.2	2.0	0.0	262.0	3	

ASTA NUM. 103 NI 3872 NF 3871 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	-0	0	-0	-0	1.0	1.1	0.1	0.0	2.1	3	
7	0	-182	2	0	0	-0	-1	59.9	37.0	1.8	0.0	96.9	3	
8	0	-12	0	0	0	0	-0	3.9	2.5	0.2	0.0	6.4	3	
9	0	244	-3	-0	0	0	2	80.2	49.1	2.1	0.0	129.3	3	
2	27	-3	0	-0	0	0	0	0.9	0.0	0.0	0.0	1.0	2	
7	27	-182	2	0	0	-0	-1	59.8	19.9	1.6	0.0	79.7	3	
8	27	-12	0	0	0	-0	-0	3.8	1.1	0.1	0.0	5.0	3	
9	27	244	-3	-0	0	0	1	80.3	27.2	2.2	0.0	107.5	3	
2	55	-3	-0	-0	0	0	-0	0.9	0.6	0.1	0.0	1.5	3	
7	55	-182	2	0	0	-0	-0	59.7	4.1	1.5	0.0	63.8	3	
8	55	-11	-0	0	0	-0	-0	3.7	1.3	0.1	0.0	5.1	3	
9	55	244	-3	-0	0	0	0	80.4	4.1	2.4	0.0	84.5	3	

ASTA NUM. 101 NI 3871 NF 3869 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	-0	0	0	0	0	0.5	0.6	0.1	0.0	1.1	3	
7	0	-26	1	-0	0	-0	-0	8.4	4.4	0.8	0.0	12.9	3	
8	0	-9	0	-0	0	-0	-0	3.1	1.7	0.3	0.0	4.8	3	
9	0	29	-1	0	0	0	0	9.6	5.4	1.0	0.0	15.1	3	
2	5	2	-0	0	0	0	0	0.5	0.1	0.1	0.0	0.6	2	
7	5	-26	1	-0	0	-0	-0	8.4	2.9	0.7	0.0	11.3	3	
8	5	-9	0	-0	0	-0	-0	3.1	1.2	0.2	0.0	4.2	3	
9	5	29	-1	0	0	0	0	9.7	3.4	1.0	0.0	13.1	3	
2	10	2	-0	0	0	-0	0	0.5	0.0	0.1	0.0	0.6	2	
7	10	-25	1	-0	0	-0	-0	8.4	1.5	0.7	0.0	9.8	3	
8	10	-9	0	-0	0	0	-0	3.1	0.6	0.2	0.0	3.7	3	
9	10	29	-1	0	0	0	0	9.7	1.4	1.0	0.0	11.0	3	

ASTA NUM. 100 NI 3869 NF 3875 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	0	-0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
7	0	-10	0	0	0	-0	-0	3.3	1.9	0.2	0.0	5.2	3	
8	0	-7	0	0	0	-0	-0	2.2	1.2	0.1	0.0	3.4	3	
9	0	10	-0	-0	0	0	0	3.3	1.8	0.1	0.0	5.1	3	
2	14	2	-0	-0	0	0	0	0.7	0.3	0.0	0.0	1.0	3	
7	14	-10	0	0	0	-0	-0	3.2	1.1	0.1	0.0	4.3	3	
8	14	-7	0	0	0	-0	-0	2.2	0.7	0.1	0.0	2.9	3	
9	14	10	-0	-0	0	0	0	3.4	1.3	0.2	0.0	4.7	3	
2	27	2	-0	-0	0	0	0	0.7	0.1	0.1	0.0	0.8	2	
7	27	-10	0	0	0	-0	-0	3.2	0.7	0.1	0.0	3.8	3	
8	27	-6	0	0	0	-0	-0	2.1	0.6	0.0	0.0	2.7	3	
9	27	10	-0	-0	0	0	0	3.4	0.3	0.2	0.0	3.7	2	

ASTA NUM. 442 NI 3875 NF 3874 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	0	0	0	0	0	1.4	0.7	0.1	0.0	2.2	3	
7	0	-12	1	-0	0	-0	-0	3.9	3.1	0.5	0.0	7.0	3	
8	0	-9	0	-0	0	-0	-0	3.1	2.3	0.4	0.0	5.4	3	
9	0	14	-0	0	0	0	0	4.5	3.2	0.2	0.0	7.7	3	
2	14	5	-0	0	0	0	0	1.5	0.7	0.1	0.0	2.3	3	
7	14	-11	0	-0	0	-0	-0	3.8	1.2	0.3	0.0	5.0	3	
8	14	-9	0	-0	0	-0	-0	3.0	0.9	0.2	0.0	3.9	3	
9	14	14	-0	0	0	0	0	4.6	1.8	0.3	0.0	6.5	3	
2	27	5	-0	0	0	-0	0	1.7	0.0	0.3	0.0	1.7	2	
7	27	-11	0	-0	0	0	0	3.7	0.0	0.1	0.0	3.7	2	
8	27	-9	-0	-0	0	0	-0	2.9	0.4	0.0	0.0	3.3	3	
9	27	14	-1	0	0	-0	-0	4.7	0.4	0.5	0.0	5.1	3	

ASTA NUM. 414 NI 4121 NF 4120 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	11	1	0	0	0	0	3.7	0.0	0.4	0.0	3.7	2	
7	0	-5	0	-0	0	-0	0	1.8	0.0	0.1	0.0	1.8	2	
8	0	-17	-0	-0	0	-0	-0	5.6	0.5	0.1	0.0	6.1	3	
9	0	7	0	0	0	0	-0	2.2	0.3	0.3	0.0	2.5	5	
2	14	12	0	0	0	-0	0	3.8	1.5	0.2	0.0	5.3	3	
7	14	-5	-0	-0	0	0	-0	1.7	0.5	0.1	0.0	2.1	3	
8	14	-17	-0	-0	0	0	-0	5.5	1.8	0.3	0.0	7.2	3	
9	14	7	0	0	0	-0	0	2.3	1.0	0.2	0.0	3.3	3	
2	27	12	0	0	0	-0	0	3.9	2.2	0.0	0.0	6.1	3	
7	27	-5	-0	-0	0	0	-0	1.6	1.6	0.3	0.0	3.1	3	
8	27	-16	-1	-0	0	0	-0	5.4	3.9	0.5	0.0	9.3	3	
9	27	7	-0	0	0	-0	0	2.4	1.4	0.0	0.0	3.8	3	

ASTA NUM. 112 NI 4120 NF 4027 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	6	0	0	0	-0	0	1.9	0.5	0.1	0.0	2.4	3	
7	0	-5	0	-0	0	0	-0	1.5	0.3	0.0	0.0	1.9	3	
8	0	-11	-0	-0	0	0	-0	3.6	1.0	0.0	0.0	4.6	3	
9	0	4	0	0	0	-0	0	1.4	0.1	0.1	0.0	1.5	2	
2	14	6	0	0	0	-0	0	2.0	0.9	0.0	0.0	2.8	3	
7	14	-5	-0	-0	0	0	-0	1.5	0.5	0.1	0.0	2.0	3	
8	14	-11	-0	-0	0	0	-0	3.5	1.4	0.1	0.0	4.9	3	

9	14	4	0	0	0	-0	0	1.4	0.7	0.1	0.0	2.1	3
2	27	6	-0	0	0	-0	0	2.0	0.9	0.0	0.0	2.9	3
7	27	-4	-0	-0	0	0	-0	1.4	1.1	0.1	0.0	2.5	3
8	27	-11	-0	-0	0	0	-0	3.5	2.0	0.1	0.0	5.5	3
9	27	4	-0	0	0	-0	0	1.4	0.8	0.0	0.0	2.3	3

ASTA NUM. 111 NI 4027 NF 4030 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-132	-2	0	0	-0	0	43.3	2.5	1.3	0.0	45.8	3	
7	0	-9	0	0	0	0	-0	3.1	1.2	0.1	0.0	4.3	3	
8	0	176	3	0	0	0	-0	57.9	5.4	2.1	0.0	63.2	3	
9	0	1	0	-0	0	-0	0	0.4	0.2	0.1	0.0	0.6	2	
2	5	-132	-2	0	0	-0	0	43.3	0.2	1.3	0.0	43.5	2	
7	5	-9	0	0	0	0	-0	3.1	1.0	0.1	0.0	4.1	3	
8	5	176	3	0	0	0	-0	57.9	1.5	2.1	0.0	59.4	3	
9	5	1	0	-0	0	-0	0	0.4	0.1	0.1	0.0	0.6	2	
2	10	-132	-2	0	0	-0	-0	43.3	2.7	1.3	0.0	45.9	3	
7	10	-9	0	0	0	0	-0	3.0	0.9	0.1	0.0	3.9	3	
8	10	176	3	0	0	0	0	57.9	2.9	2.1	0.0	60.8	3	
9	10	1	0	-0	0	-0	0	0.5	0.1	0.1	0.0	0.6	2	

ASTA NUM. 114 NI 4030 NF 4029 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-132	-2	0	0	-0	-0	43.3	2.7	1.4	0.0	45.9	3	
7	0	-9	0	0	0	0	-0	3.0	0.9	0.1	0.0	3.9	3	
8	0	176	3	0	0	0	0	57.9	2.9	2.1	0.0	60.8	3	
9	0	1	0	-0	0	-0	0	0.5	0.1	0.1	0.0	0.6	2	
2	27	-131	-2	0	0	-0	-1	43.2	17.0	1.5	0.0	60.2	3	
7	27	-9	-0	0	0	-0	-0	3.0	0.9	0.1	0.0	3.8	3	
8	27	176	3	0	0	0	1	58.0	23.5	2.0	0.0	81.4	3	
9	27	2	-0	-0	0	-0	0	0.5	0.4	0.0	0.0	1.0	3	
2	55	-131	-2	0	0	-0	-1	43.1	32.6	1.6	0.0	75.7	3	
7	55	-9	-0	0	0	-0	-0	2.9	2.3	0.2	0.0	5.2	3	
8	55	176	3	0	0	0	2	58.1	42.8	1.9	0.0	100.9	3	
9	55	2	-0	-0	0	0	-0	0.6	0.7	0.2	0.0	1.3	3	

ASTA NUM. 113 NI 4029 NF 4028 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-439	-2	0	0	-0	-1	144.5	32.6	1.5	0.0	177.1	3	
7	0	-12	0	-0	0	-0	-0	3.9	2.4	0.2	0.0	6.3	3	
8	0	595	3	-0	0	0	2	195.7	43.1	2.3	0.0	238.8	3	
9	0	-16	-0	0	0	0	0	5.1	0.1	0.1	0.0	5.3	2	
2	27	-439	-2	0	0	-0	-2	144.4	48.4	1.6	0.0	192.8	3	
7	27	-12	0	-0	0	0	-0	3.8	1.4	0.0	0.0	5.2	3	
8	27	595	3	-0	0	0	2	195.8	66.2	2.2	0.0	262.0	3	
9	27	-15	-0	0	0	-0	-0	5.1	1.7	0.2	0.0	6.7	3	
2	55	-439	-2	0	0	-0	-2	144.3	65.4	1.7	0.0	209.7	3	
7	55	-11	-0	-0	0	0	-0	3.8	1.9	0.1	0.0	5.7	3	
8	55	595	3	-0	0	0	3	195.9	88.0	2.0	0.0	283.9	3	
9	55	-15	-0	0	0	-0	-0	5.0	4.5	0.3	0.0	9.5	3	

ASTA NUM. 110 NI 4028 NF 4031 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-764	-4	-1	0	-0	-2	251.2	63.6	2.8	0.0	314.8	3
7	0	53	2	1	0	0	-0	17.6	4.9	1.5	0.0	22.4	3
8	0	1034	6	1	0	0	3	340.1	85.7	4.1	0.0	425.9	3
9	0	-133	-3	-1	0	-0	0	43.8	0.9	2.1	0.0	44.7	3
2	5	-764	-4	-1	0	0	-3	251.2	68.6	2.9	0.0	319.9	3
7	5	53	2	1	0	-0	-0	17.6	2.0	1.5	0.0	19.6	3
8	5	1034	6	1	0	-0	3	340.1	92.5	4.1	0.0	432.6	3
9	5	-133	-3	-1	0	0	-0	43.8	4.3	2.1	0.0	48.2	3
2	10	-764	-4	-1	0	0	-3	251.2	74.7	2.9	0.0	325.9	3
7	10	53	2	1	0	-0	0	17.6	3.0	1.5	0.0	20.6	3
8	10	1034	5	1	0	-0	4	340.1	101.5	4.0	0.0	441.6	3
9	10	-133	-3	-1	0	0	-0	43.8	9.6	2.2	0.0	53.4	3

ASTA NUM. 121 NI 4031 NF 4177 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-764	-4	-1	0	0	-3	251.2	74.7	3.1	0.0	325.9	3	
7	0	53	2	1	0	-0	0	17.6	3.0	1.5	0.0	20.6	3	
8	0	1034	6	1	0	-0	4	340.1	101.5	4.4	0.0	441.6	3	
9	0	-133	-3	-1	0	0	-0	43.8	9.6	2.2	0.0	53.4	3	
2	14	-764	-4	-1	0	0	-3	251.2	92.8	3.2	0.0	344.0	3	
7	14	54	2	1	0	-0	0	17.6	13.7	1.4	0.0	31.3	3	
8	14	1034	6	1	0	-0	4	340.1	127.7	4.3	0.0	467.8	3	
9	14	-133	-3	-1	0	0	-1	43.8	24.4	2.3	0.0	68.2	3	
2	27	-764	-4	-1	0	0	-4	251.2	111.2	3.2	0.0	362.3	3	
7	27	54	2	1	0	-0	1	17.7	24.0	1.4	0.0	41.6	3	
8	27	1034	6	1	0	-0	5	340.1	153.5	4.3	0.0	493.7	3	
9	27	-133	-3	-1	0	0	-1	43.7	39.5	2.3	0.0	83.3	3	

ASTA NUM. 321 NI 4177 NF 4179 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1438	-26	3	0	0	-2	473.0	67.1	19.1	0.0	540.1	3	
7	0	476	22	-6	0	-0	-1	156.6	37.1	16.1	0.0	193.7	3	
8	0	1969	37	-7	0	-0	3	647.7	90.6	27.0	0.0	738.3	3	
9	0	-765	-31	6	0	0	1	251.7	42.3	23.2	0.0	294.0	3	
2	14	-1438	-26	3	0	-0	-6	472.9	164.5	19.1	0.0	637.3	3	
7	14	476	22	-6	0	0	2	156.6	65.3	16.1	0.0	221.9	3	
8	14	1969	37	-7	0	1	8	647.7	231.3	27.0	0.0	879.0	3	
9	14	-765	-32	6	0	-0	-3	251.7	96.8	23.3	0.0	348.5	3	
2	27	-1437	-26	3	0	-1	-9	472.7	272.9	19.2	0.0	745.6	3	
7	27	476	22	-6	0	1	5	156.7	167.3	16.0	0.0	324.0	3	
8	27	1969	36	-7	0	1	13	647.7	392.6	26.9	0.0	1040.3	3	
9	27	-765	-32	6	0	-1	-7	251.6	236.2	23.4	0.0	487.9	3	

ASTA NUM. 322 NI 4179 NF 4178 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	473	-22	4	0	1	5	155.7	156.0	16.0	0.0	311.7	3	
7	0	-1445	26	-5	0	-1	-9	475.3	286.4	19.3	0.0	761.7	3	
8	0	-770	32	-8	0	-2	-7	253.4	248.9	23.5	0.0	502.3	3	
9	0	1970	-37	5	0	1	13	648.0	383.2	27.0	0.0	1031.2	3	
2	14	474	-22	4	0	0	2	155.8	60.3	16.0	0.0	216.0	3	
7	14	-1445	26	-5	0	-0	-6	475.3	169.6	19.3	0.0	644.9	3	
8	14	-770	32	-8	0	-1	-3	253.4	101.3	23.4	0.0	354.6	3	
9	14	1970	-37	5	0	0	8	648.2	227.2	27.1	0.0	875.3	3	
2	27	474	-22	4	0	-0	-1	155.8	35.8	16.1	0.0	191.5	3	
7	27	-1445	26	-5	0	0	-2	475.3	70.1	19.2	0.0	545.4	3	
8	27	-770	32	-8	0	0	1	253.3	46.0	23.4	0.0	299.3	3	
9	27	1971	-37	5	0	-0	3	648.4	89.3	27.1	0.0	737.7	3	

ASTA NUM. 117 NI 4178 NF 3879 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	67	-3	-1	0	-0	1	21.9	25.2	2.1	0.0	47.1	3	
7	0	-810	5	1	0	0	-4	266.5	116.0	3.7	0.0	382.5	3	
8	0	-158	4	2	0	0	-1	52.0	46.8	3.3	0.0	98.8	3	
9	0	1094	-7	-1	0	-0	5	359.9	154.9	5.0	0.0	514.8	3	
2	14	67	-3	-1	0	-0	0	21.9	11.1	2.1	0.0	33.0	3	
7	14	-810	5	1	0	0	-3	266.4	93.0	3.6	0.0	359.4	3	
8	14	-158	4	2	0	0	-1	51.9	23.7	3.2	0.0	75.6	3	
9	14	1094	-7	-1	0	-0	4	360.0	124.9	5.0	0.0	484.9	3	
2	27	67	-3	-1	0	-0	-0	22.0	3.5	2.2	0.0	25.5	3	
7	27	-810	5	1	0	-0	-3	266.4	71.0	3.6	0.0	337.4	3	
8	27	-158	4	2	0	-0	-0	51.9	1.6	3.2	0.0	53.5	5	
9	27	1095	-7	-1	0	0	3	360.2	94.9	5.1	0.0	455.1	3	

ASTA NUM. 118 NI 3879 NF 3878 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	0	-0	2.9	0.3	0.0	0.0	3.3	3	
7	0	-471	3	-0	0	-0	-3	154.8	73.0	1.9	0.0	227.8	3	
8	0	-23	1	-0	0	-0	-0	7.7	6.9	0.4	0.0	14.6	3	
9	0	636	-3	-0	0	0	4	209.3	97.0	2.2	0.0	306.2	3	
2	5	-9	0	0	0	0	0	2.9	0.0	0.0	0.0	2.9	2	
7	5	-471	3	-0	0	-0	-3	154.8	69.5	1.9	0.0	224.3	3	
8	5	-23	1	-0	0	-0	-0	7.7	6.1	0.4	0.0	13.8	3	
9	5	636	-3	-0	0	0	3	209.3	92.8	2.3	0.0	302.1	3	
2	10	-9	0	0	0	-0	0	2.9	0.0	0.0	0.0	2.9	2	
7	10	-470	3	-0	0	-0	-2	154.8	66.0	1.9	0.0	220.7	3	
8	10	-23	1	-0	0	-0	-0	7.7	5.3	0.4	0.0	13.0	3	
9	10	636	-3	-0	0	0	3	209.3	88.6	2.3	0.0	297.9	3	

ASTA NUM. 115 NI 3878 NF 3877 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	-0	0	2.9	0.0	0.0	0.0	2.9	2	
7	0	-470	2	-0	0	-0	-2	154.8	66.0	1.8	0.0	220.7	3	
8	0	-23	1	-0	0	-0	-0	7.7	5.3	0.4	0.0	13.0	3	
9	0	636	-3	-0	0	0	3	209.3	88.6	2.2	0.0	297.9	3	
2	27	-9	-0	0	0	-0	-0	2.8	0.9	0.1	0.0	3.7	3	
7	27	-470	2	-0	0	-0	-2	154.7	48.5	1.7	0.0	203.2	3	
8	27	-23	0	-0	0	-0	-0	7.6	1.8	0.3	0.0	9.4	3	
9	27	636	-3	-0	0	0	2	209.4	66.2	2.3	0.0	275.6	3	
2	55	-8	-0	0	0	-0	-0	2.7	2.8	0.2	0.0	5.6	3	
7	55	-470	2	-0	0	-0	-1	154.6	32.3	1.5	0.0	186.9	3	
8	55	-23	0	-0	0	0	0	7.5	0.2	0.1	0.0	7.8	2	
9	55	637	-3	-0	0	0	2	209.4	42.5	2.4	0.0	251.9	3	

ASTA NUM. 116 NI 3877 NF 3880 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	-0	0	-0	-0	3.3	2.2	0.2	0.0	5.6	3	
7	0	-156	2	0	0	-0	-1	51.2	32.2	1.6	0.0	83.5	3	
8	0	1	0	0	0	0	0	0.3	0.3	0.1	0.0	0.6	2	
9	0	209	-3	-0	0	0	2	68.7	42.9	1.9	0.0	111.6	3	
2	27	-10	0	-0	0	0	-0	3.3	0.9	0.1	0.0	4.2	3	
7	27	-155	2	0	0	-0	-1	51.1	17.0	1.5	0.0	68.2	3	

8	27	1	-0	0	0	-0	0	0.4	0.4	0.0	0.0	0.7	3
9	27	209	-3	-0	0	0	1	68.8	23.4	2.0	0.0	92.2	3
2	55	-10	-0	-0	0	0	-0	3.2	1.1	0.1	0.0	4.3	3
7	55	-155	2	0	0	-0	-0	51.1	3.1	1.3	0.0	54.2	3
8	55	1	-0	0	0	-0	-0	0.5	0.6	0.1	0.0	1.1	3
9	55	209	-3	-0	0	0	0	68.8	2.7	2.1	0.0	71.6	3

ASTA NUM. 119 NI 3880 NF 3882 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	0	0	0	-0	2.3	1.2	0.2	0.0	3.6	3	
7	0	-2	0	-0	0	-0	-0	0.7	0.6	0.1	0.0	1.3	3	
8	0	5	-0	-0	0	-0	0	1.7	1.3	0.2	0.0	2.9	3	
9	0	-2	-0	0	0	0	0	0.7	0.4	0.1	0.0	1.1	2	
2	5	-7	0	0	0	0	-0	2.3	0.8	0.2	0.0	3.2	3	
7	5	-2	0	-0	0	-0	0	0.6	0.2	0.1	0.0	0.8	2	
8	5	5	-0	-0	0	-0	0	1.7	0.7	0.2	0.0	2.4	3	
9	5	-2	-0	0	0	0	0	0.7	0.2	0.1	0.0	0.9	2	
2	10	-7	0	0	0	-0	-0	2.3	0.5	0.1	0.0	2.8	3	
7	10	-2	0	-0	0	-0	0	0.6	0.0	0.1	0.0	0.6	5	
8	10	5	-0	-0	0	0	0	1.7	0.0	0.2	0.0	1.8	2	
9	10	-2	-0	0	0	0	-0	0.7	0.4	0.1	0.0	1.2	3	

ASTA NUM. 120 NI 3882 NF 3881 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	-0	0	0	-0	1.5	0.9	0.1	0.0	2.4	3	
7	0	7	-0	0	0	-0	0	2.2	1.1	0.0	0.0	3.3	3	
8	0	4	0	0	0	-0	0	1.3	0.7	0.0	0.0	2.0	3	
9	0	-12	0	-0	0	0	-0	4.0	2.1	0.2	0.0	6.2	3	
2	14	-5	0	-0	0	0	-0	1.5	0.5	0.1	0.0	2.0	3	
7	14	7	-0	0	0	-0	0	2.2	0.9	0.1	0.0	3.2	3	
8	14	4	-0	0	0	-0	0	1.4	0.6	0.1	0.0	2.0	3	
9	14	-12	0	-0	0	0	-0	4.0	1.4	0.1	0.0	5.4	3	
2	27	-4	-0	-0	0	0	-0	1.5	0.4	0.0	0.0	1.9	3	
7	27	7	-0	0	0	-0	0	2.3	0.2	0.1	0.0	2.5	2	
8	27	4	-0	0	0	-0	0	1.4	0.1	0.1	0.0	1.6	2	
9	27	-12	0	-0	0	0	-0	3.9	1.0	0.1	0.0	5.0	3	

ASTA NUM. 435 NI 3881 NF 3876 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	0	0	0	-0	1.8	1.6	0.3	0.0	3.4	3	
7	0	11	-0	-0	0	-0	0	3.6	2.3	0.1	0.0	5.9	3	
8	0	7	0	-0	0	-0	0	2.2	1.4	0.0	0.0	3.6	3	
9	0	-17	1	0	0	0	-0	5.6	4.1	0.5	0.0	9.8	3	
2	14	-5	0	0	0	0	-0	1.7	0.5	0.1	0.0	2.2	3	
7	14	11	-0	-0	0	-0	0	3.7	1.5	0.2	0.0	5.2	3	
8	14	7	-0	-0	0	-0	0	2.3	1.0	0.2	0.0	3.3	3	
9	14	-17	0	0	0	0	-0	5.5	1.8	0.3	0.0	7.3	3	
2	27	-5	-0	0	0	-0	0	1.6	0.0	0.1	0.0	1.6	2	
7	27	12	-1	-0	0	0	0	3.8	0.0	0.4	0.0	3.9	2	
8	27	7	-0	-0	0	0	-0	2.4	0.3	0.3	0.0	2.7	3	
9	27	-16	0	0	0	-0	-0	5.4	0.4	0.2	0.0	5.8	3	

ASTA NUM. 417 NI 4125 NF 4124 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-11	-0	0	0	0	0	3.7	0.0	0.1	0.0	3.7	2
7	0	5	0	-0	0	-0	0	1.7	0.0	0.3	0.0	1.8	2
8	0	13	1	-0	0	-0	-0	4.4	0.4	0.5	0.0	4.8	3
9	0	-10	0	0	0	0	-0	3.3	0.5	0.0	0.0	3.8	3
2	14	-11	-0	0	0	-0	-0	3.6	1.2	0.3	0.0	4.8	3
7	14	6	0	-0	0	0	0	1.8	0.8	0.1	0.0	2.6	3
8	14	14	0	-0	0	0	0	4.5	1.8	0.3	0.0	6.4	3
9	14	-10	-0	0	0	-0	-0	3.2	1.0	0.2	0.0	4.2	3
2	27	-11	-1	0	0	-0	-0	3.5	3.1	0.5	0.0	6.6	3
7	27	6	-0	-0	0	0	0	1.9	0.8	0.1	0.0	2.7	3
8	27	14	0	-0	0	0	0	4.7	3.2	0.1	0.0	7.8	3
9	27	-9	-0	0	0	-0	-0	3.1	2.4	0.4	0.0	5.5	3

ASTA NUM. 131 NI 4124 NF 4034 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	-0	-0	0	-0	-0	3.2	0.6	0.1	0.0	3.8	3	
7	0	2	0	0	0	0	0	0.8	0.1	0.1	0.0	0.8	2	
8	0	10	0	0	0	0	0	3.3	0.2	0.2	0.0	3.6	2	
9	0	-7	-0	-0	0	-0	-0	2.3	0.6	0.0	0.0	2.9	3	
2	14	-9	-0	-0	0	-0	-0	3.1	1.1	0.1	0.0	4.2	3	
7	14	2	0	0	0	0	0	0.8	0.4	0.0	0.0	1.1	3	
8	14	10	0	0	0	0	0	3.3	1.3	0.2	0.0	4.6	3	
9	14	-7	-0	-0	0	-0	-0	2.3	0.8	0.1	0.0	3.0	3	
2	27	-9	-0	-0	0	-0	-0	3.1	1.9	0.2	0.0	5.0	3	
7	27	3	-0	0	0	0	0	0.8	0.3	0.0	0.0	1.1	3	
8	27	10	0	0	0	0	0	3.4	1.8	0.1	0.0	5.2	3	
9	27	-7	-0	-0	0	-0	-0	2.2	1.3	0.1	0.0	3.5	3	

ASTA NUM. 132 NI 4034 NF 4033 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-25	-1	0	0	-0	-0	8.4	1.4	0.7	0.0	9.8	3	
7	0	2	0	-0	0	-0	0	0.7	0.0	0.1	0.0	0.7	2	
8	0	29	1	-0	0	0	0	9.7	1.4	1.0	0.0	11.1	3	
9	0	-10	-0	0	0	-0	-0	3.3	0.7	0.2	0.0	3.9	1	
2	5	-25	-1	0	0	-0	-0	8.3	2.9	0.7	0.0	11.3	3	
7	5	2	0	-0	0	0	0	0.7	0.1	0.1	0.0	0.8	2	
8	5	30	1	-0	0	0	0	9.7	3.5	1.0	0.0	13.2	3	
9	5	-10	-0	0	0	-0	-0	3.2	1.2	0.2	0.0	4.5	3	
2	10	-25	-1	0	0	-0	-0	8.3	4.5	0.8	0.0	12.8	3	
7	10	2	0	-0	0	0	0	0.7	0.6	0.1	0.0	1.4	3	
8	10	30	1	-0	0	0	0	9.7	5.5	1.0	0.0	15.2	3	
9	10	-10	-0	0	0	-0	-0	3.2	1.8	0.3	0.0	5.0	3	

ASTA NUM. 129 NI 4033 NF 4032 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-181	-2	-0	0	-0	-0	59.5	4.1	1.5	0.0	63.6	3	
7	0	-3	0	0	0	0	-0	0.9	0.6	0.1	0.0	1.5	3	
8	0	243	3	0	0	0	0	79.8	4.1	2.4	0.0	83.9	3	
9	0	-12	0	-0	0	-0	-0	3.9	1.4	0.1	0.0	5.2	3	
2	27	-181	-2	-0	0	-0	-1	59.5	19.8	1.6	0.0	79.2	3	
7	27	-3	-0	0	0	0	0	0.9	0.0	0.0	0.0	0.9	2	
8	27	243	3	0	0	0	1	79.9	27.1	2.2	0.0	107.0	3	
9	27	-12	-0	-0	0	-0	-0	3.8	1.1	0.1	0.0	4.9	3	
2	55	-180	-2	-0	0	-0	-1	59.4	36.7	1.8	0.0	96.1	3	
7	55	-2	-0	0	0	-0	-0	0.8	1.1	0.2	0.0	1.9	3	
8	55	243	3	0	0	0	2	80.0	48.8	2.1	0.0	128.8	3	
9	55	-11	-0	-0	0	0	-0	3.7	2.5	0.2	0.0	6.2	3	

ASTA NUM. 130 NI 4032 NF 4036 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-461	-2	0	0	-0	-1	151.5	35.8	1.4	0.0	187.3	3	
7	0	-20	-0	-0	0	-0	-0	6.5	0.7	0.1	0.0	7.2	3	
8	0	621	3	-0	0	0	2	204.2	47.6	2.1	0.0	251.8	3	
9	0	-9	0	0	0	0	-0	3.0	2.9	0.3	0.0	5.9	3	
2	27	-460	-2	0	0	-0	-2	151.4	50.7	1.5	0.0	202.1	3	
7	27	-19	-0	-0	0	-0	-0	6.4	2.1	0.2	0.0	8.5	3	
8	27	621	3	-0	0	0	3	204.3	68.9	2.0	0.0	273.2	3	
9	27	-9	0	0	0	-0	-0	2.9	1.1	0.1	0.0	3.9	3	
2	55	-460	-2	0	0	-0	-2	151.3	66.9	1.6	0.0	218.3	3	
7	55	-19	-0	-0	0	0	-0	6.3	4.9	0.3	0.0	11.2	3	
8	55	621	3	-0	0	0	3	204.4	88.9	1.9	0.0	293.3	3	
9	55	-9	0	0	0	-0	0	2.8	0.7	0.0	0.0	3.6	2	

ASTA NUM. 133 NI 4036 NF 4035 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-621	-0	-1	0	-0	-2	204.2	65.5	0.6	0.0	269.7	3	
7	0	-96	-1	1	0	0	-0	31.6	4.9	0.8	0.0	36.5	3	
8	0	827	1	1	0	0	3	272.2	87.6	0.8	0.0	359.8	3	
9	0	78	2	-1	0	-0	0	25.5	1.3	1.2	0.0	26.8	3	
2	5	-621	-0	-1	0	0	-2	204.2	65.7	0.6	0.0	270.0	3	
7	5	-96	-1	1	0	-0	-0	31.6	6.5	0.8	0.0	38.0	3	
8	5	827	1	1	0	-0	3	272.2	88.2	0.8	0.0	360.3	3	
9	5	78	2	-1	0	0	0	25.5	3.4	1.2	0.0	28.9	3	
2	10	-621	-1	-1	0	0	-2	204.2	67.6	0.6	0.0	271.8	3	
7	10	-96	-1	1	0	-0	-0	31.6	8.9	0.9	0.0	40.5	3	
8	10	828	1	1	0	-0	3	272.2	90.6	0.8	0.0	362.8	3	
9	10	78	2	-1	0	0	0	25.5	6.9	1.2	0.0	32.4	3	

ASTA NUM. 123 NI 4035 NF 4161 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-621	-1	-1	0	0	-2	204.2	67.6	0.6	0.0	271.8	3	
7	0	-96	-1	1	0	-0	-0	31.6	8.9	0.9	0.0	40.5	3	
8	0	828	1	1	0	-0	3	272.2	90.6	0.8	0.0	362.8	3	
9	0	78	2	-1	0	0	0	25.5	6.9	1.2	0.0	32.4	3	
2	14	-621	-1	-1	0	0	-3	204.2	73.8	0.6	0.0	277.9	3	
7	14	-96	-1	1	0	-0	-0	31.5	15.9	0.9	0.0	47.4	3	
8	14	828	1	1	0	-0	3	272.2	98.4	0.8	0.0	370.6	3	
9	14	78	2	-1	0	0	0	25.6	16.4	1.1	0.0	42.0	3	
2	27	-621	-1	-1	0	0	-3	204.1	80.3	0.7	0.0	284.4	3	
7	27	-96	-1	1	0	-0	-1	31.5	23.2	1.0	0.0	54.7	3	
8	27	828	1	1	0	-0	4	272.3	105.9	0.8	0.0	378.1	3	
9	27	78	1	-1	0	0	1	25.6	25.7	1.1	0.0	51.3	3	

ASTA NUM. 122 NI 4161 NF 4160 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-586	1	5	0	0	-3	192.8	76.0	3.4	0.0	268.8	3	
7	0	-247	-2	-4	0	-0	-1	81.3	25.4	3.0	0.0	106.7	3	
8	0	764	-2	-6	0	-0	3	251.3	100.4	4.6	0.0	351.7	3	
9	0	280	3	6	0	0	1	92.0	29.3	4.6	0.0	121.3	3	
2	14	-586	1	5	0	-0	-2	192.8	74.1	3.4	0.0	266.9	3	

7	14	-247	-2	-4	0	0	-1	81.2	36.3	3.0	0.0	117.5	3
8	14	764	-2	-6	0	0	3	251.3	97.0	4.6	0.0	348.3	3
9	14	280	3	6	0	-1	1	92.0	44.9	4.6	0.0	136.9	3
2	27	-586	1	5	0	-1	-2	192.7	87.8	3.4	0.0	280.5	3
7	27	-247	-2	-4	0	1	-1	81.2	59.7	3.0	0.0	140.9	3
8	27	764	-2	-6	0	1	3	251.3	113.8	4.6	0.0	365.2	3
9	27	280	3	6	0	-1	2	92.0	78.9	4.6	0.0	170.9	3

ASTA NUM. 307 NI 4160 NF 3798 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-246	2	5	0	1	-1	81.1	62.1	3.4	0.0	143.2	3			
7	0	-582	-1	-5	0	-1	-2	191.6	85.3	3.4	0.0	276.9	3			
8	0	284	-3	-6	0	-1	2	93.4	78.5	4.6	0.0	171.9	3			
9	0	764	2	7	0	1	3	251.3	116.5	5.1	0.0	367.8	3			
2	14	-246	2	5	0	0	-1	81.0	36.8	3.4	0.0	117.8	3			
7	14	-582	-1	-5	0	-0	-2	191.6	72.7	3.4	0.0	264.2	3			
8	14	284	-3	-6	0	-0	1	93.4	44.2	4.6	0.0	137.6	3			
9	14	764	2	7	0	0	3	251.3	97.5	5.1	0.0	348.8	3			
2	27	-246	2	5	0	-0	-1	81.0	26.7	3.4	0.0	107.7	3			
7	27	-582	-1	-5	0	0	-3	191.5	77.0	3.4	0.0	268.5	3			
8	27	284	-3	-6	0	0	1	93.4	30.1	4.6	0.0	123.5	3			
9	27	764	2	7	0	-0	3	251.4	102.7	5.1	0.0	354.1	3			

ASTA NUM. 308 NI 3798 NF 3884 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-108	1	-1	0	-0	-1	35.5	24.9	1.1	0.0	60.4	3			
7	0	-632	1	1	0	0	-3	208.0	80.1	0.9	0.0	288.1	3			
8	0	93	-2	2	0	0	1	30.7	27.5	1.3	0.0	58.2	3			
9	0	842	-0	-2	0	-0	3	277.1	107.1	1.4	0.0	384.2	3			
2	14	-108	1	-1	0	-0	-0	35.5	15.3	1.0	0.0	50.8	3			
7	14	-632	1	1	0	0	-3	208.0	73.1	0.9	0.0	281.1	3			
8	14	93	-2	2	0	0	0	30.7	15.1	1.3	0.0	45.8	3			
9	14	843	-1	-2	0	-0	3	277.2	98.1	1.4	0.0	375.2	3			
2	27	-108	1	-1	0	0	-0	35.5	7.5	1.0	0.0	43.0	3			
7	27	-632	0	1	0	-0	-2	208.0	68.7	0.9	0.0	276.6	3			
8	27	94	-2	2	0	-0	0	30.8	4.5	1.4	0.0	35.2	3			
9	27	843	-1	-2	0	0	3	277.2	92.0	1.4	0.0	369.2	3			

ASTA NUM. 126 NI 3884 NF 3887 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-57	0	0	0	0	-0	18.8	7.5	0.3	0.0	26.4	3			
7	0	-596	2	-1	0	-0	-3	196.1	69.2	1.5	0.0	265.3	3			
8	0	29	-0	-1	0	-0	0	9.6	4.5	0.4	0.0	14.1	3			
9	0	799	-2	1	0	0	3	262.9	92.8	1.8	0.0	355.7	3			
2	5	-57	0	0	0	0	-0	18.8	6.5	0.3	0.0	25.3	3			
7	5	-596	2	-1	0	-0	-2	196.1	65.8	1.4	0.0	261.8	3			
8	5	29	-0	-1	0	-0	0	9.6	3.5	0.4	0.0	13.1	3			
9	5	799	-3	1	0	0	3	262.9	88.3	1.9	0.0	351.1	3			
2	10	-57	0	0	0	-0	-0	18.8	6.2	0.3	0.0	25.0	3			
7	10	-596	2	-1	0	0	-2	196.1	63.3	1.4	0.0	259.4	3			
8	10	29	-0	-1	0	0	0	9.7	3.5	0.4	0.0	13.1	3			
9	10	799	-3	1	0	-0	3	262.9	85.0	1.9	0.0	347.9	3			

ASTA NUM. 128 NI 3887 NF 3886 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								

cm		kg		kg*m		kg/cmq							
2	0	-20	0	-0	0	-0	-0	6.6	4.9	0.3	0.0	11.5	3
7	0	-460	2	0	0	0	-2	151.4	66.6	1.6	0.0	217.9	3
8	0	-9	-0	0	0	0	0	2.9	0.6	0.0	0.0	3.5	2
9	0	620	-3	-0	0	-0	3	203.9	88.5	1.9	0.0	292.5	3
2	27	-20	0	-0	0	-0	-0	6.5	2.1	0.2	0.0	8.6	3
7	27	-460	2	0	0	0	-2	151.3	50.4	1.5	0.0	201.7	3
8	27	-9	-0	0	0	0	-0	2.8	1.0	0.1	0.0	3.8	3
9	27	620	-3	-0	0	-0	3	204.0	68.4	2.0	0.0	272.4	3
2	55	-19	0	-0	0	0	-0	6.4	0.7	0.1	0.0	7.1	3
7	55	-460	2	0	0	-0	-1	151.2	36.1	1.4	0.0	187.3	3
8	55	-8	-0	0	0	-0	-0	2.8	2.8	0.2	0.0	5.6	3
9	55	620	-3	-0	0	0	2	204.1	47.9	2.1	0.0	252.0	3

ASTA NUM. 127 NI 3886 NF 3885 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	-0	0	0	-0	0.9	1.0	0.1	0.0	1.9	3	
7	0	-182	2	-0	0	-0	-1	59.7	37.1	1.8	0.0	96.9	3	
8	0	-12	0	-0	0	-0	-0	4.1	2.6	0.2	0.0	6.6	3	
9	0	243	-3	0	0	0	2	80.0	49.3	2.1	0.0	129.3	3	
2	27	-2	0	-0	0	0	0	0.8	0.1	0.0	0.0	0.9	2	
7	27	-181	2	-0	0	-0	-1	59.7	19.9	1.6	0.0	79.6	3	
8	27	-12	0	-0	0	-0	-0	4.0	1.3	0.1	0.0	5.3	3	
9	27	243	-3	0	0	0	1	80.1	27.3	2.2	0.0	107.3	3	
2	55	-2	-0	-0	0	0	-0	0.7	0.5	0.1	0.0	1.3	3	
7	55	-181	2	-0	0	-0	-0	59.6	4.0	1.5	0.0	63.6	3	
8	55	-12	-0	-0	0	-0	-0	3.9	1.3	0.1	0.0	5.2	3	
9	55	244	-3	0	0	0	0	80.2	4.0	2.4	0.0	84.1	3	

ASTA NUM. 125 NI 3885 NF 3883 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	-0	0	0	0	0	0.6	0.5	0.1	0.0	1.1	3	
7	0	-25	1	-0	0	-0	-0	8.3	4.3	0.8	0.0	12.7	3	
8	0	-10	0	-0	0	-0	-0	3.2	1.7	0.3	0.0	4.9	3	
9	0	29	-1	0	0	0	0	9.5	5.3	1.0	0.0	14.8	3	
2	5	2	-0	0	0	0	0	0.6	0.0	0.1	0.0	0.7	2	
7	5	-25	1	-0	0	-0	-0	8.3	2.9	0.7	0.0	11.2	3	
8	5	-10	0	-0	0	-0	-0	3.2	1.1	0.2	0.0	4.3	3	
9	5	29	-1	0	0	0	0	9.5	3.3	1.0	0.0	12.9	3	
2	10	2	-0	0	0	-0	0	0.6	0.0	0.1	0.0	0.7	2	
7	10	-25	1	-0	0	-0	-0	8.3	1.4	0.7	0.0	9.7	3	
8	10	-10	0	-0	0	-0	-0	3.2	0.7	0.2	0.0	3.9	1	
9	10	29	-1	0	0	0	0	9.6	1.3	1.0	0.0	10.9	3	

ASTA NUM. 124 NI 3883 NF 3889 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	0	-0	0	0	0	0.7	0.0	0.0	0.0	0.7	2	
7	0	-10	0	0	0	-0	-0	3.2	1.9	0.2	0.0	5.1	3	
8	0	-7	0	0	0	-0	-0	2.3	1.3	0.1	0.0	3.6	3	
9	0	10	-0	-0	0	0	0	3.2	1.8	0.1	0.0	5.0	3	
2	14	2	-0	-0	0	0	0	0.7	0.3	0.0	0.0	1.1	3	
7	14	-10	0	0	0	-0	-0	3.2	1.1	0.1	0.0	4.3	3	
8	14	-7	0	0	0	-0	-0	2.3	0.8	0.1	0.0	3.0	3	
9	14	10	-0	-0	0	0	0	3.3	1.3	0.2	0.0	4.5	3	
2	27	2	-0	-0	0	0	0	0.8	0.1	0.1	0.0	0.8	2	
7	27	-9	0	0	0	-0	-0	3.1	0.6	0.1	0.0	3.8	3	
8	27	-7	0	0	0	-0	-0	2.2	0.6	0.0	0.0	2.8	3	
9	27	10	-0	-0	0	0	0	3.3	0.2	0.2	0.0	3.6	2	

ASTA NUM. 438 NI 3889 NF 3888 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	5	0	0	0	0	0	1.6	0.8	0.1	0.0	2.3	3	
7	0	-11	1	-0	0	-0	-0	3.8	3.1	0.4	0.0	6.9	3	
8	0	-10	0	-0	0	-0	-0	3.3	2.4	0.4	0.0	5.7	3	
9	0	13	-0	0	0	0	0	4.3	3.1	0.1	0.0	7.5	3	
2	14	5	-0	0	0	0	0	1.7	0.8	0.1	0.0	2.5	3	
7	14	-11	0	-0	0	-0	-0	3.7	1.2	0.3	0.0	4.8	3	
8	14	-10	0	-0	0	-0	-0	3.2	1.0	0.2	0.0	4.2	3	
9	14	14	-0	0	0	0	0	4.5	1.8	0.3	0.0	6.2	3	
2	27	5	-0	0	0	-0	0	1.8	0.0	0.3	0.0	1.9	2	
7	27	-11	0	-0	0	0	0	3.6	0.0	0.1	0.0	3.6	2	
8	27	-9	-0	-0	0	0	-0	3.1	0.5	0.0	0.0	3.6	3	
9	27	14	-1	0	0	-0	-0	4.6	0.4	0.5	0.0	5.0	3	

ASTA NUM. 418 NI 4127 NF 4126 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	11	1	0	0	0	0	3.7	0.0	0.4	0.0	3.8	2	
7	0	-5	0	-0	0	-0	0	1.8	0.0	0.1	0.0	1.8	2	
8	0	-17	-0	-0	0	-0	-0	5.7	0.4	0.2	0.0	6.1	3	
9	0	7	0	0	0	0	-0	2.2	0.3	0.3	0.0	2.5	5	
2	14	12	0	0	0	-0	0	3.9	1.5	0.2	0.0	5.4	3	
7	14	-5	-0	-0	0	0	-0	1.7	0.5	0.1	0.0	2.1	3	
8	14	-17	-0	-0	0	0	-0	5.6	1.8	0.4	0.0	7.4	3	
9	14	7	0	0	0	-0	0	2.3	1.0	0.2	0.0	3.3	3	
2	27	12	0	0	0	-0	0	4.0	2.3	0.1	0.0	6.3	3	
7	27	-5	-0	-0	0	0	-0	1.5	1.6	0.3	0.0	3.1	3	
8	27	-17	-1	-0	0	0	-0	5.5	4.2	0.5	0.0	9.7	3	
9	27	7	-0	0	0	-0	0	2.4	1.4	0.0	0.0	3.8	3	

ASTA NUM. 136 NI 4126 NF 4037 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	7	0	-0	0	-0	0	2.3	0.5	0.1	0.0	2.8	3	
7	0	-5	0	0	0	0	-0	1.5	0.4	0.0	0.0	1.9	3	
8	0	-12	-0	0	0	0	-0	4.1	1.0	0.1	0.0	5.1	3	
9	0	4	0	-0	0	-0	0	1.3	0.1	0.1	0.0	1.5	2	
2	14	7	0	-0	0	-0	0	2.3	0.9	0.1	0.0	3.3	3	
7	14	-4	-0	0	0	0	-0	1.5	0.5	0.1	0.0	1.9	3	
8	14	-12	-0	0	0	0	-0	4.0	1.4	0.1	0.0	5.4	3	
9	14	4	0	-0	0	-0	0	1.4	0.6	0.1	0.0	2.0	3	
2	27	7	0	-0	0	-0	0	2.4	1.1	0.0	0.0	3.4	3	
7	27	-4	-0	0	0	0	-0	1.4	0.9	0.1	0.0	2.3	3	
8	27	-12	-0	0	0	0	-0	4.0	2.2	0.2	0.0	6.1	3	
9	27	4	-0	-0	0	-0	0	1.4	0.7	0.0	0.0	2.1	3	

ASTA NUM. 135 NI 4037 NF 4040 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	-0	0	0	-0	0	0.5	0.0	0.1	0.0	0.5	5	
7	0	-7	-0	-0	0	-0	-0	2.3	0.5	0.1	0.0	2.8	3	
8	0	-3	0	-0	0	0	-0	0.8	0.5	0.1	0.0	1.3	3	
9	0	5	0	0	0	0	0	1.7	0.0	0.3	0.0	1.8	2	

2	5	-2	-0	0	0	-0	0	0.5	0.2	0.1	0.0	0.7	2
7	5	-7	-0	-0	0	0	-0	2.3	0.9	0.2	0.0	3.2	3
8	5	-3	0	-0	0	0	-0	0.8	0.5	0.1	0.0	1.4	3
9	5	5	0	0	0	-0	0	1.7	0.7	0.2	0.0	2.5	3
2	10	-1	-0	0	0	-0	-0	0.5	0.6	0.1	0.0	1.1	3
7	10	-7	-0	-0	0	0	-0	2.3	1.3	0.2	0.0	3.6	3
8	10	-2	0	-0	0	0	0	0.8	0.4	0.1	0.0	1.3	2
9	10	5	0	0	0	-0	0	1.8	1.3	0.2	0.0	3.0	3

ASTA NUM. 138 NI 4040 NF 4039 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-156	-2	-0	0	-0	-0	51.2	3.1	1.3	0.0	54.3	3	
7	0	-9	0	0	0	0	-0	3.1	1.1	0.1	0.0	4.2	3	
8	0	209	3	0	0	0	0	68.8	2.8	2.1	0.0	71.6	3	
9	0	0	0	-0	0	-0	-0	0.1	0.6	0.1	0.0	0.7	3	
2	27	-155	-2	-0	0	-0	-1	51.1	17.1	1.5	0.0	68.2	3	
7	27	-9	-0	0	0	-0	-0	3.0	0.8	0.1	0.0	3.9	3	
8	27	209	3	0	0	0	1	68.9	23.4	2.0	0.0	92.3	3	
9	27	1	0	-0	0	-0	0	0.2	0.3	0.0	0.0	0.5	3	
2	55	-155	-2	-0	0	-0	-1	51.1	32.3	1.6	0.0	83.3	3	
7	55	-9	-0	0	0	-0	-0	3.0	2.2	0.2	0.0	5.2	3	
8	55	210	3	0	0	-0	2	69.0	42.8	1.9	0.0	111.8	3	
9	55	1	-0	-0	0	0	-0	0.3	0.5	0.1	0.0	0.8	3	

ASTA NUM. 137 NI 4039 NF 4038 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-439	-2	0	0	-0	-1	144.4	32.5	1.5	0.0	176.9	3	
7	0	-11	0	-0	0	-0	-0	3.8	2.4	0.2	0.0	6.2	3	
8	0	594	3	-0	0	-0	2	195.5	43.0	2.3	0.0	238.5	3	
9	0	-16	-0	0	0	0	0	5.4	0.2	0.1	0.0	5.5	2	
2	27	-439	-2	0	0	-0	-2	144.3	48.3	1.6	0.0	192.6	3	
7	27	-11	0	-0	0	0	-0	3.7	1.3	0.0	0.0	5.0	3	
8	27	595	3	-0	0	0	2	195.6	66.1	2.2	0.0	261.7	3	
9	27	-16	-0	0	0	-0	-0	5.3	1.7	0.2	0.0	7.0	3	
2	55	-438	-2	0	0	-0	-2	144.2	65.3	1.7	0.0	209.5	3	
7	55	-11	-0	-0	0	0	-0	3.6	1.9	0.1	0.0	5.5	3	
8	55	595	3	-0	0	0	3	195.7	88.0	2.0	0.0	283.6	3	
9	55	-16	-0	0	0	-0	-0	5.2	4.7	0.3	0.0	9.9	3	

ASTA NUM. 134 NI 4038 NF 4041 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-763	-4	-1	0	-0	-2	251.0	63.5	2.8	0.0	314.5	3	
7	0	54	2	1	0	0	-0	17.8	4.8	1.5	0.0	22.6	3	
8	0	1033	6	1	0	0	3	339.8	85.7	4.1	0.0	425.5	3	
9	0	-134	-3	-1	0	-0	0	44.2	0.8	2.1	0.0	45.0	5	
2	5	-763	-4	-1	0	0	-3	251.0	68.5	2.9	0.0	319.5	3	
7	5	54	2	1	0	-0	-0	17.8	1.9	1.5	0.0	19.7	3	
8	5	1033	6	1	0	-0	3	339.8	92.3	4.1	0.0	432.1	3	
9	5	-134	-3	-1	0	0	-0	44.2	4.4	2.1	0.0	48.6	3	
2	10	-763	-4	-1	0	0	-3	251.0	74.6	2.9	0.0	325.6	3	
7	10	54	2	1	0	-0	0	17.8	3.1	1.5	0.0	21.0	3	
8	10	1033	5	1	0	-0	4	339.8	101.4	4.0	0.0	441.2	3	
9	10	-134	-3	-1	0	0	-0	44.2	9.7	2.2	0.0	53.9	3	

ASTA NUM. 145 NI 4041 NF 4183 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-763	-4	-1	0	0	-3	251.0	74.6	3.1	0.0	325.6	3
7	0	54	2	1	0	-0	0	17.8	3.1	1.5	0.0	21.0	3
8	0	1033	6	1	0	-0	4	339.8	101.4	4.4	0.0	441.2	3
9	0	-134	-3	-1	0	0	-0	44.2	9.7	2.2	0.0	53.9	3
2	14	-763	-4	-1	0	0	-3	250.9	92.7	3.2	0.0	343.6	3
7	14	54	2	1	0	-0	0	17.9	13.7	1.4	0.0	31.6	3
8	14	1033	6	1	0	-0	4	339.8	127.6	4.3	0.0	467.4	3
9	14	-134	-3	-1	0	0	-1	44.2	24.5	2.3	0.0	68.6	3
2	27	-763	-4	-1	0	0	-4	250.9	111.1	3.2	0.0	362.0	3
7	27	54	2	1	0	-0	1	17.9	24.0	1.4	0.0	42.0	3
8	27	1033	6	1	0	-0	5	339.8	153.4	4.2	0.0	493.2	3
9	27	-134	-3	-1	0	0	-1	44.1	39.6	2.3	0.0	83.7	3

ASTA NUM. 325 NI 4183 NF 4185 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	-1436	-26	3	0	0	-2	472.4	67.0	19.1	0.0	539.4	3	
7	0	477	22	-6	0	-0	-1	157.0	37.0	16.1	0.0	194.0	3	
8	0	1967	37	-7	0	-0	3	647.0	90.5	27.0	0.0	737.5	3	
9	0	-767	-31	6	0	0	1	252.4	42.1	23.2	0.0	294.4	3	
2	14	-1436	-26	3	0	-0	-6	472.4	164.4	19.1	0.0	636.7	3	
7	14	478	22	-6	0	0	2	157.1	65.3	16.1	0.0	222.4	3	
8	14	1967	37	-7	0	1	8	647.0	231.2	27.0	0.0	878.3	3	
9	14	-767	-32	6	0	-0	-3	252.3	97.0	23.3	0.0	349.3	3	
2	27	-1436	-26	3	0	-1	-9	472.4	272.9	19.2	0.0	745.2	3	
7	27	478	22	-6	0	1	5	157.1	167.3	16.0	0.0	324.4	3	
8	27	1967	36	-7	0	1	13	647.0	392.6	26.9	0.0	1039.6	3	
9	27	-767	-32	6	0	-1	-7	252.3	236.3	23.4	0.0	488.6	3	

ASTA NUM. 326 NI 4185 NF 4184 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	475	-22	4	0	1	5	156.3	156.4	16.0	0.0	312.7	3	
7	0	-1444	26	-5	0	-1	-9	475.0	286.1	19.3	0.0	761.1	3	
8	0	-773	32	-8	0	-2	-7	254.2	249.5	23.5	0.0	503.8	3	
9	0	1968	-37	5	0	1	13	647.4	382.6	27.0	0.0	1029.9	3	
2	14	475	-22	4	0	0	2	156.3	60.5	16.1	0.0	216.8	3	
7	14	-1444	26	-5	0	-0	-6	475.0	169.3	19.3	0.0	644.3	3	
8	14	-773	32	-8	0	-1	-3	254.2	101.6	23.4	0.0	355.8	3	
9	14	1968	-37	5	0	0	8	647.5	226.7	27.0	0.0	874.2	3	
2	27	475	-22	4	0	-0	-1	156.3	35.7	16.1	0.0	192.0	3	
7	27	-1444	26	-5	0	0	-2	475.0	70.3	19.2	0.0	545.3	3	
8	27	-773	32	-8	0	0	1	254.1	46.0	23.4	0.0	300.2	3	
9	27	1969	-37	5	0	-0	3	647.7	89.5	27.1	0.0	737.2	3	

ASTA NUM. 141 NI 4184 NF 3893 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	68	-3	-1	0	-0	1	22.3	25.4	2.1	0.0	47.6	3	
7	0	-811	5	1	0	0	-4	266.6	116.1	3.7	0.0	382.8	3	
8	0	-160	4	2	0	0	-1	52.5	47.2	3.3	0.0	99.7	3	
9	0	1095	-7	-1	0	-0	5	360.2	155.0	4.9	0.0	515.2	3	
2	14	68	-3	-1	0	-0	0	22.3	11.0	2.1	0.0	33.3	3	
7	14	-810	5	1	0	0	-3	266.6	92.6	3.6	0.0	359.2	3	
8	14	-160	4	2	0	0	-1	52.5	23.4	3.2	0.0	75.9	3	
9	14	1095	-7	-1	0	-0	4	360.2	124.6	5.0	0.0	484.8	3	
2	27	68	-3	-1	0	0	-0	22.3	3.7	2.2	0.0	26.0	3	
7	27	-810	5	1	0	-0	-3	266.5	72.4	3.5	0.0	339.0	3	
8	27	-160	4	2	0	-0	-0	52.5	2.9	3.1	0.0	55.3	3	

9 27 1095 -7 -1 0 0 3 360.2 96.3 5.0 0.0 456.5 3

ASTA NUM. 142 NI 3893 NF 3892 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	9	0	0	0	0	0	3.1	1.4	0.2	0.0	4.5	3	
7	0	-632	-0	-1	0	-0	-3	208.0	70.6	0.5	0.0	278.6	3	
8	0	-62	-0	-1	0	-0	-0	20.5	8.2	0.6	0.0	28.7	3	
9	0	854	0	1	0	0	3	281.1	94.7	0.5	0.0	375.8	3	
2	5	9	0	0	0	0	0	3.1	1.1	0.2	0.0	4.2	3	
7	5	-632	-0	-1	0	-0	-3	208.0	69.9	0.5	0.0	278.0	3	
8	5	-62	-0	-1	0	-0	-0	20.5	7.3	0.6	0.0	27.7	3	
9	5	855	0	1	0	0	3	281.1	94.2	0.5	0.0	375.3	3	
2	10	9	-0	0	0	-0	0	3.1	1.4	0.2	0.0	4.5	3	
7	10	-632	-0	-1	0	0	-3	208.0	70.3	0.5	0.0	278.3	3	
8	10	-62	-0	-1	0	0	-0	20.4	7.5	0.6	0.0	27.9	3	
9	10	855	0	1	0	-0	3	281.1	95.0	0.5	0.0	376.1	3	

ASTA NUM. 139 NI 3892 NF 3891 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	0	-0	0	-0	-0	3.8	1.7	0.1	0.0	5.5	3	
7	0	-440	2	0	0	0	-2	144.6	65.2	1.7	0.0	209.8	3	
8	0	-17	0	0	0	0	-0	5.6	4.8	0.3	0.0	10.4	3	
9	0	595	-3	-0	0	-0	3	195.6	87.3	2.0	0.0	282.8	3	
2	27	-11	-0	-0	0	-0	-0	3.7	1.3	0.0	0.0	5.0	3	
7	27	-439	2	0	0	0	-2	144.6	48.1	1.6	0.0	192.6	3	
8	27	-17	0	0	0	0	-0	5.5	1.9	0.2	0.0	7.3	3	
9	27	595	-3	-0	0	-0	2	195.7	65.6	2.2	0.0	261.3	3	
2	55	-11	-0	-0	0	0	-0	3.7	2.2	0.2	0.0	5.9	3	
7	55	-439	2	0	0	-0	-1	144.5	32.9	1.5	0.0	177.4	3	
8	55	-16	0	0	0	-0	-0	5.4	0.4	0.1	0.0	5.8	3	
9	55	595	-3	-0	0	0	2	195.7	43.7	2.3	0.0	239.4	3	

ASTA NUM. 140 NI 3891 NF 3894 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	-0	0	0	-0	3.3	2.1	0.2	0.0	5.4	3	
7	0	-155	2	-0	0	-0	-1	51.1	32.5	1.6	0.0	83.6	3	
8	0	1	0	0	0	-0	0	0.2	0.1	0.1	0.0	0.4	2	
9	0	208	-3	0	0	0	2	68.6	43.1	1.9	0.0	111.7	3	
2	27	-10	0	-0	0	0	-0	3.2	0.9	0.1	0.0	4.1	3	
7	27	-155	2	-0	0	-0	-1	51.0	17.1	1.5	0.0	68.1	3	
8	27	1	-0	0	0	-0	0	0.3	0.5	0.0	0.0	0.7	3	
9	27	209	-3	0	0	0	1	68.6	23.5	2.0	0.0	92.1	3	
2	55	-9	-0	-0	0	0	-0	3.1	1.0	0.1	0.0	4.1	3	
7	55	-155	2	-0	0	-0	-0	51.0	3.0	1.3	0.0	53.9	3	
8	55	1	-0	0	0	-0	-0	0.4	0.5	0.1	0.0	0.9	3	
9	55	209	-3	0	0	0	0	68.7	2.6	2.1	0.0	71.3	3	

ASTA NUM. 143 NI 3894 NF 3896 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	0	0	0	-0	2.3	1.2	0.2	0.0	3.5	3	
7	0	-2	0	-0	0	-0	-0	0.6	0.5	0.1	0.0	1.1	3	
8	0	5	-0	-0	0	-0	0	1.6	1.1	0.2	0.0	2.7	3	
9	0	-2	-0	0	0	0	0	0.8	0.3	0.1	0.0	1.1	2	

2	5	-7	0	0	0	0	-0	2.3	0.8	0.2	0.0	3.1	3
7	5	-2	0	-0	0	-0	0	0.6	0.1	0.1	0.0	0.7	2
8	5	5	-0	-0	0	-0	0	1.6	0.6	0.2	0.0	2.3	3
9	5	-2	-0	0	0	0	0	0.8	0.1	0.1	0.0	0.9	2
2	10	-7	0	0	0	-0	-0	2.3	0.5	0.1	0.0	2.8	3
7	10	-2	0	-0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2
8	10	5	-0	-0	0	0	0	1.7	0.0	0.2	0.0	1.7	2
9	10	-2	-0	0	0	0	-0	0.8	0.5	0.1	0.0	1.2	3

ASTA NUM. 144 NI 3896 NF 3895 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	-0	0	0	-0	1.5	0.9	0.1	0.0	2.4	3	
7	0	7	-0	0	0	-0	0	2.2	1.1	0.0	0.0	3.3	3	
8	0	4	0	0	0	-0	0	1.3	0.6	0.0	0.0	2.0	3	
9	0	-12	0	-0	0	0	-0	4.0	2.2	0.2	0.0	6.2	3	
2	14	-4	0	-0	0	0	-0	1.5	0.5	0.1	0.0	2.0	3	
7	14	7	-0	0	0	-0	0	2.3	0.9	0.1	0.0	3.2	3	
8	14	4	-0	0	0	-0	0	1.3	0.6	0.1	0.0	1.9	3	
9	14	-12	0	-0	0	0	-0	4.0	1.4	0.1	0.0	5.4	3	
2	27	-4	-0	-0	0	0	-0	1.4	0.4	0.0	0.0	1.8	3	
7	27	7	-0	0	0	-0	0	2.3	0.5	0.1	0.0	2.8	3	
8	27	4	-0	0	0	-0	0	1.4	0.1	0.1	0.0	1.5	2	
9	27	-12	0	-0	0	0	-0	4.0	1.0	0.1	0.0	5.0	3	

ASTA NUM. 431 NI 3895 NF 3890 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	0	0	0	-0	1.8	1.6	0.3	0.0	3.4	3	
7	0	11	-0	0	0	-0	0	3.6	2.3	0.1	0.0	5.9	3	
8	0	7	0	-0	0	-0	0	2.1	1.4	0.0	0.0	3.5	3	
9	0	-17	1	0	0	0	-0	5.6	4.2	0.5	0.0	9.8	3	
2	14	-5	0	0	0	0	-0	1.7	0.5	0.1	0.0	2.2	3	
7	14	11	-0	0	0	-0	0	3.7	1.5	0.2	0.0	5.2	3	
8	14	7	-0	0	0	-0	0	2.3	1.0	0.2	0.0	3.2	3	
9	14	-17	0	0	0	0	-0	5.5	1.8	0.3	0.0	7.3	3	
2	27	-5	-0	0	0	-0	0	1.6	0.0	0.1	0.0	1.6	2	
7	27	12	-1	-0	0	0	0	3.9	0.0	0.4	0.0	3.9	2	
8	27	7	-0	0	0	0	-0	2.4	0.3	0.3	0.0	2.7	3	
9	27	-16	0	0	0	-0	-0	5.4	0.4	0.2	0.0	5.8	3	

ASTA NUM. 420 NI 4131 NF 4130 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	-0	-0	0	-0	0	3.7	0.0	0.1	0.0	3.7	2	
7	0	5	0	0	0	0	0	1.7	0.0	0.3	0.0	1.8	2	
8	0	13	1	0	0	0	-0	4.4	0.4	0.5	0.0	4.8	5	
9	0	-10	0	-0	0	-0	-0	3.3	0.5	0.0	0.0	3.8	3	
2	14	-11	-0	-0	0	0	-0	3.6	1.2	0.3	0.0	4.7	3	
7	14	6	0	0	0	-0	0	1.8	0.8	0.1	0.0	2.6	3	
8	14	14	0	0	0	-0	0	4.5	1.8	0.3	0.0	6.3	3	
9	14	-10	-0	-0	0	0	-0	3.2	1.0	0.2	0.0	4.2	3	
2	27	-11	-1	-0	0	0	-0	3.5	3.1	0.4	0.0	6.5	3	
7	27	6	-0	0	0	-0	0	1.9	0.8	0.1	0.0	2.7	3	
8	27	14	0	0	0	-0	0	4.6	3.1	0.1	0.0	7.7	3	
9	27	-9	-0	-0	0	0	-0	3.1	2.4	0.4	0.0	5.5	3	

ASTA NUM. 155 NI 4130 NF 4044 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-9	-0	0	0	0	-0	3.1	0.6	0.1	0.0	3.7	3	
7	0	2	0	-0	0	-0	0	0.8	0.1	0.1	0.0	0.8	2	
8	0	10	0	-0	0	-0	0	3.2	0.2	0.2	0.0	3.5	2	
9	0	-7	-0	0	0	0	-0	2.3	0.6	0.0	0.0	2.9	3	
2	14	-9	-0	0	0	0	-0	3.1	1.1	0.1	0.0	4.2	3	
7	14	2	0	-0	0	-0	0	0.8	0.4	0.0	0.0	1.1	3	
8	14	10	0	-0	0	-0	0	3.3	1.3	0.2	0.0	4.5	3	
9	14	-7	-0	0	0	0	-0	2.3	0.8	0.1	0.0	3.0	3	
2	27	-9	-0	0	0	0	-0	3.0	1.8	0.2	0.0	4.9	3	
7	27	3	-0	-0	0	-0	0	0.8	0.3	0.0	0.0	1.1	3	
8	27	10	0	-0	0	-0	0	3.3	1.8	0.1	0.0	5.1	3	
9	27	-7	-0	0	0	0	-0	2.2	1.3	0.1	0.0	3.5	3	

ASTA NUM. 156 NI 4044 NF 4043 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-25	-1	-0	0	0	-0	8.3	1.4	0.7	0.0	9.7	3	
7	0	2	0	0	0	0	0	0.7	0.0	0.1	0.0	0.8	2	
8	0	29	1	0	0	-0	0	9.6	1.3	1.0	0.0	11.0	3	
9	0	-10	-0	-0	0	0	-0	3.3	0.7	0.2	0.0	3.9	1	
2	5	-25	-1	-0	0	0	-0	8.3	2.9	0.7	0.0	11.2	3	
7	5	2	0	0	0	-0	0	0.7	0.1	0.1	0.0	0.8	2	
8	5	29	1	0	0	-0	0	9.6	3.4	1.0	0.0	13.1	3	
9	5	-10	-0	-0	0	0	-0	3.2	1.2	0.2	0.0	4.5	3	
2	10	-25	-1	-0	0	0	-0	8.3	4.5	0.8	0.0	12.8	3	
7	10	2	0	0	0	-0	0	0.7	0.6	0.1	0.0	1.4	3	
8	10	29	1	0	0	-0	0	9.7	5.5	1.0	0.0	15.1	3	
9	10	-10	-0	-0	0	0	-0	3.2	1.8	0.3	0.0	5.0	3	

ASTA NUM. 153 NI 4043 NF 4042 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-181	-2	0	0	0	-0	59.6	4.1	1.5	0.0	63.6	3	
7	0	-3	0	-0	0	-0	-0	0.9	0.6	0.1	0.0	1.5	3	
8	0	243	3	-0	0	-0	0	79.9	4.1	2.4	0.0	84.0	3	
9	0	-12	0	0	0	0	-0	3.9	1.4	0.1	0.0	5.2	3	
2	27	-181	-2	0	0	0	-1	59.5	19.8	1.6	0.0	79.3	3	
7	27	-3	-0	-0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2	
8	27	243	3	-0	0	-0	1	80.0	27.1	2.2	0.0	107.0	3	
9	27	-12	-0	0	0	0	-0	3.8	1.1	0.1	0.0	4.9	3	
2	55	-181	-2	0	0	0	-1	59.4	36.8	1.8	0.0	96.2	3	
7	55	-2	-0	-0	0	0	-0	0.8	1.1	0.2	0.0	1.9	3	
8	55	243	3	-0	0	-0	2	80.0	48.8	2.1	0.0	128.9	3	
9	55	-11	-0	0	0	-0	-0	3.7	2.5	0.2	0.0	6.2	3	

ASTA NUM. 154 NI 4042 NF 4046 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-461	-2	-0	0	0	-1	151.5	35.8	1.4	0.0	187.3	3	
7	0	-20	-0	0	0	0	-0	6.5	0.7	0.1	0.0	7.2	3	
8	0	621	3	0	0	-0	2	204.2	47.6	2.1	0.0	251.9	3	
9	0	-9	0	-0	0	-0	-0	3.0	2.9	0.3	0.0	5.9	3	
2	27	-460	-2	-0	0	0	-2	151.4	50.7	1.5	0.0	202.1	3	
7	27	-19	-0	0	0	-0	-0	6.4	2.1	0.2	0.0	8.4	3	
8	27	621	3	0	0	-0	3	204.3	68.9	2.0	0.0	273.2	3	
9	27	-9	0	-0	0	0	-0	2.9	1.1	0.1	0.0	3.9	3	
2	55	-460	-2	-0	0	0	-2	151.3	66.9	1.6	0.0	218.3	3	
7	55	-19	-0	0	0	-0	-0	6.3	4.9	0.3	0.0	11.2	3	

8 55 621 3 0 0 -0 3 204.4 88.9 1.9 0.0 293.3 3
 9 55 -9 0 -0 0 0 0 2.8 0.7 0.0 0.0 3.6 2

ASTA NUM. 157 NI 4046 NF 4045 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-621	-0	1	0	0	-2	204.2	65.5	0.6	0.0	269.7	3	
7	0	-96	-1	-1	0	-0	-0	31.6	4.9	0.8	0.0	36.5	3	
8	0	827	1	-1	0	-0	3	272.2	87.6	0.8	0.0	359.8	3	
9	0	78	2	1	0	0	0	25.5	1.3	1.2	0.0	26.8	3	
2	5	-621	-0	1	0	-0	-2	204.2	65.8	0.6	0.0	270.0	3	
7	5	-96	-1	-1	0	0	-0	31.6	6.5	0.8	0.0	38.0	3	
8	5	827	1	-1	0	0	3	272.2	88.2	0.8	0.0	360.4	3	
9	5	78	2	1	0	-0	0	25.5	3.4	1.2	0.0	28.9	3	
2	10	-621	-1	1	0	-0	-2	204.2	67.6	0.6	0.0	271.8	3	
7	10	-96	-1	-1	0	0	-0	31.6	8.9	0.9	0.0	40.4	3	
8	10	828	1	-1	0	0	3	272.2	90.6	0.8	0.0	362.8	3	
9	10	78	2	1	0	-0	0	25.5	6.9	1.2	0.0	32.4	3	

ASTA NUM. 146 NI 4045 NF 4186 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-621	-1	1	0	-0	-2	204.2	67.6	0.6	0.0	271.8	3	
7	0	-96	-1	-1	0	0	-0	31.6	8.9	0.9	0.0	40.4	3	
8	0	828	1	-1	0	0	3	272.2	90.6	0.8	0.0	362.8	3	
9	0	78	2	1	0	-0	0	25.5	6.9	1.2	0.0	32.4	3	
2	14	-621	-1	1	0	-0	-3	204.2	73.8	0.6	0.0	277.9	3	
7	14	-96	-1	-1	0	0	-0	31.5	15.9	0.9	0.0	47.4	3	
8	14	828	1	-1	0	0	3	272.3	98.4	0.8	0.0	370.6	3	
9	14	78	2	1	0	-0	0	25.6	16.4	1.1	0.0	42.0	3	
2	27	-621	-1	1	0	-0	-3	204.1	80.3	0.7	0.0	284.4	3	
7	27	-96	-1	-1	0	0	-1	31.5	23.2	1.0	0.0	54.7	3	
8	27	828	1	-1	0	0	4	272.3	105.9	0.8	0.0	378.2	3	
9	27	78	1	1	0	-0	1	25.6	25.7	1.1	0.0	51.3	3	

ASTA NUM. 327 NI 4186 NF 4188 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-586	1	-5	0	-0	-3	192.8	76.0	3.4	0.0	268.8	3	
7	0	-247	-2	4	0	0	-1	81.3	25.4	3.0	0.0	106.6	3	
8	0	764	-2	6	0	0	3	251.3	100.4	4.6	0.0	351.7	3	
9	0	280	3	-6	0	-0	1	92.0	29.3	4.6	0.0	121.3	3	
2	14	-586	1	-5	0	0	-2	192.8	74.1	3.4	0.0	266.9	3	
7	14	-247	-2	4	0	-0	-1	81.2	36.3	3.0	0.0	117.5	3	
8	14	764	-2	6	0	-0	3	251.3	97.0	4.6	0.0	348.3	3	
9	14	280	3	-6	0	1	1	92.0	44.9	4.6	0.0	136.9	3	
2	27	-586	1	-5	0	1	-2	192.7	87.8	3.4	0.0	280.5	3	
7	27	-247	-2	4	0	-1	-1	81.2	59.7	3.0	0.0	140.9	3	
8	27	764	-2	6	0	-1	3	251.3	113.8	4.6	0.0	365.2	3	
9	27	280	3	-6	0	1	2	92.0	78.9	4.6	0.0	170.9	3	

ASTA NUM. 328 NI 4188 NF 4187 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-246	2	-5	0	-1	-1	81.0	62.1	3.4	0.0	143.1	3	
7	0	-583	-1	5	0	1	-2	191.6	85.3	3.4	0.0	277.0	3	
8	0	284	-3	6	0	1	2	93.3	78.5	4.6	0.0	171.9	3	

9	0	764	2	-7	0	-1	3	251.3	116.5	5.1	0.0	367.9	3
2	14	-246	2	-5	0	-0	-1	81.0	36.8	3.4	0.0	117.8	3
7	14	-582	-1	5	0	0	-2	191.6	72.7	3.4	0.0	264.2	3
8	14	284	-3	6	0	0	1	93.4	44.2	4.6	0.0	137.6	3
9	14	764	2	-7	0	-0	3	251.4	97.5	5.1	0.0	348.8	3
2	27	-246	2	-5	0	0	-1	81.0	26.7	3.4	0.0	107.7	3
7	27	-582	-1	5	0	-0	-3	191.5	77.0	3.4	0.0	268.5	3
8	27	284	-3	6	0	-0	1	93.4	30.1	4.6	0.0	123.5	3
9	27	764	2	-7	0	0	3	251.4	102.7	5.1	0.0	354.1	3

ASTA NUM. 150 NI 4187 NF 3898 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-108	1	1	0	0	-1	35.5	24.9	1.1	0.0	60.4	3	
7	0	-632	1	-1	0	-0	-3	208.1	80.1	0.9	0.0	288.2	3	
8	0	93	-2	-2	0	-0	1	30.7	27.5	1.3	0.0	58.1	3	
9	0	843	-0	2	0	0	3	277.2	107.1	1.4	0.0	384.3	3	
2	14	-108	1	1	0	0	-0	35.5	15.3	1.0	0.0	50.8	3	
7	14	-632	1	-1	0	-0	-3	208.0	73.2	0.9	0.0	281.2	3	
8	14	93	-2	-2	0	-0	0	30.7	15.1	1.3	0.0	45.8	3	
9	14	843	-1	2	0	0	3	277.2	98.1	1.4	0.0	375.3	3	
2	27	-108	1	1	0	-0	-0	35.5	7.5	1.0	0.0	43.0	3	
7	27	-632	0	-1	0	0	-2	208.0	68.7	0.9	0.0	276.7	3	
8	27	94	-2	-2	0	0	0	30.8	4.5	1.4	0.0	35.2	3	
9	27	843	-1	2	0	-0	3	277.2	92.0	1.4	0.0	369.3	3	

ASTA NUM. 149 NI 3898 NF 3901 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-57	0	-0	0	-0	-0	18.8	7.5	0.3	0.0	26.4	3	
7	0	-596	2	1	0	0	-3	196.2	69.2	1.5	0.0	265.4	3	
8	0	29	-0	1	0	0	0	9.7	4.5	0.4	0.0	14.2	3	
9	0	799	-2	-1	0	-0	3	262.9	92.9	1.8	0.0	355.8	3	
2	5	-57	0	-0	0	-0	-0	18.8	6.5	0.3	0.0	25.3	3	
7	5	-596	2	1	0	0	-2	196.1	65.8	1.4	0.0	261.9	3	
8	5	29	-0	1	0	0	0	9.7	3.5	0.4	0.0	13.1	3	
9	5	799	-3	-1	0	-0	3	262.9	88.3	1.9	0.0	351.3	3	
2	10	-57	0	-0	0	0	-0	18.8	6.2	0.3	0.0	25.1	3	
7	10	-596	2	1	0	-0	-2	196.1	63.3	1.4	0.0	259.4	3	
8	10	29	-0	1	0	-0	0	9.7	3.5	0.4	0.0	13.2	3	
9	10	799	-3	-1	0	0	3	263.0	85.0	1.9	0.0	348.0	3	

ASTA NUM. 152 NI 3901 NF 3900 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-20	0	0	0	0	-0	6.6	4.9	0.3	0.0	11.5	3	
7	0	-460	2	-0	0	-0	-2	151.3	66.6	1.6	0.0	217.9	3	
8	0	-9	-0	-0	0	-0	0	2.9	0.6	0.0	0.0	3.5	2	
9	0	620	-3	0	0	0	3	203.9	88.5	1.9	0.0	292.5	3	
2	27	-20	0	0	0	0	-0	6.5	2.1	0.2	0.0	8.6	3	
7	27	-460	2	-0	0	-0	-2	151.3	50.3	1.5	0.0	201.6	3	
8	27	-9	-0	-0	0	-0	-0	2.8	1.0	0.1	0.0	3.8	3	
9	27	620	-3	0	0	0	3	204.0	68.4	2.0	0.0	272.4	3	
2	55	-20	0	0	0	-0	-0	6.4	0.7	0.1	0.0	7.2	3	
7	55	-460	2	-0	0	0	-1	151.2	36.0	1.4	0.0	187.3	3	
8	55	-8	-0	-0	0	0	-0	2.8	2.8	0.2	0.0	5.6	3	
9	55	620	-3	0	0	-0	2	204.1	47.9	2.1	0.0	252.0	3	

ASTA NUM. 151 NI 3900 NF 3899 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	-0	-0	0.9	1.0	0.1	0.0	1.9	3	
7	0	-182	2	0	0	0	-1	59.7	37.1	1.8	0.0	96.9	3	
8	0	-12	0	0	0	0	-0	4.1	2.6	0.2	0.0	6.6	3	
9	0	243	-3	-0	0	-0	2	80.0	49.3	2.1	0.0	129.3	3	
2	27	-2	0	0	0	-0	0	0.8	0.1	0.0	0.0	0.9	2	
7	27	-181	2	0	0	0	-1	59.7	19.9	1.6	0.0	79.6	3	
8	27	-12	0	0	0	0	-0	4.0	1.3	0.1	0.0	5.3	3	
9	27	243	-3	-0	0	-0	1	80.1	27.3	2.2	0.0	107.3	3	
2	55	-2	-0	0	0	-0	-0	0.7	0.5	0.1	0.0	1.3	3	
7	55	-181	2	0	0	0	-0	59.6	4.0	1.5	0.0	63.6	3	
8	55	-12	-0	0	0	0	-0	3.9	1.3	0.1	0.0	5.2	3	
9	55	244	-3	-0	0	-0	0	80.1	4.0	2.4	0.0	84.1	3	

ASTA NUM. 148 NI 3899 NF 3897 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	-0	-0	0	-0	0	0.6	0.5	0.1	0.0	1.1	3	
7	0	-25	1	0	0	0	-0	8.3	4.3	0.8	0.0	12.7	3	
8	0	-10	0	0	0	0	-0	3.2	1.7	0.3	0.0	4.9	3	
9	0	29	-1	-0	0	-0	0	9.5	5.3	1.0	0.0	14.8	3	
2	5	2	-0	-0	0	-0	0	0.6	0.0	0.1	0.0	0.7	2	
7	5	-25	1	0	0	0	-0	8.3	2.9	0.7	0.0	11.2	3	
8	5	-10	0	0	0	0	-0	3.2	1.1	0.2	0.0	4.4	3	
9	5	29	-1	-0	0	-0	0	9.5	3.3	1.0	0.0	12.8	3	
2	10	2	-0	-0	0	0	0	0.6	0.0	0.1	0.0	0.7	2	
7	10	-25	1	0	0	0	-0	8.3	1.4	0.7	0.0	9.7	3	
8	10	-10	0	0	0	0	-0	3.2	0.7	0.2	0.0	3.9	1	
9	10	29	-1	-0	0	-0	0	9.5	1.3	1.0	0.0	10.9	3	

ASTA NUM. 147 NI 3897 NF 3903 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	0	0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	
7	0	-10	0	-0	0	0	-0	3.2	1.9	0.2	0.0	5.1	3	
8	0	-7	0	-0	0	0	-0	2.3	1.3	0.1	0.0	3.6	3	
9	0	10	-0	0	0	-0	0	3.2	1.8	0.1	0.0	5.0	3	
2	14	2	-0	0	0	-0	0	0.7	0.3	0.0	0.0	1.1	3	
7	14	-10	0	-0	0	0	-0	3.2	1.1	0.1	0.0	4.2	3	
8	14	-7	0	-0	0	0	-0	2.3	0.8	0.1	0.0	3.0	3	
9	14	10	-0	0	0	-0	0	3.3	1.3	0.2	0.0	4.5	3	
2	27	2	-0	0	0	-0	0	0.8	0.1	0.1	0.0	0.8	2	
7	27	-9	0	-0	0	0	-0	3.1	0.6	0.1	0.0	3.8	3	
8	27	-7	0	-0	0	0	-0	2.2	0.6	0.0	0.0	2.8	3	
9	27	10	-0	0	0	-0	0	3.3	0.2	0.2	0.0	3.6	2	

ASTA NUM. 433 NI 3903 NF 3902 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	5	0	-0	0	-0	0	1.6	0.8	0.1	0.0	2.3	3	
7	0	-12	1	0	0	0	-0	3.8	3.1	0.4	0.0	6.9	3	
8	0	-10	0	0	0	0	-0	3.3	2.4	0.4	0.0	5.7	3	
9	0	13	-0	-0	0	-0	0	4.3	3.1	0.1	0.0	7.5	3	
2	14	5	-0	-0	0	-0	0	1.7	0.8	0.1	0.0	2.5	3	
7	14	-11	0	0	0	0	-0	3.7	1.2	0.3	0.0	4.8	3	
8	14	-10	0	0	0	0	-0	3.2	1.0	0.2	0.0	4.2	3	
9	14	14	-0	-0	0	-0	0	4.5	1.8	0.3	0.0	6.2	3	
2	27	5	-0	-0	0	0	0	1.8	0.0	0.3	0.0	1.9	2	

7	27	-11	0	0	0	-0	0	3.6	0.0	0.1	0.0	3.6	2
8	27	-9	-0	0	0	-0	-0	3.1	0.5	0.0	0.0	3.6	3
9	27	14	-1	-0	0	0	-0	4.6	0.4	0.5	0.0	5.0	3

ASTA NUM. 419 NI 4129 NF 4128 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	11	1	-0	0	-0	0	3.8	0.0	0.4	0.0	3.8	2		
7	0	-5	0	0	0	0	0	1.8	0.0	0.1	0.0	1.8	2		
8	0	-17	-0	0	0	0	-0	5.7	0.4	0.2	0.0	6.1	3		
9	0	7	0	-0	0	-0	-0	2.2	0.3	0.3	0.0	2.5	5		
2	14	12	0	-0	0	0	0	3.9	1.5	0.2	0.0	5.4	3		
7	14	-5	-0	0	0	-0	-0	1.7	0.5	0.1	0.0	2.1	3		
8	14	-17	-0	0	0	-0	-0	5.6	1.8	0.4	0.0	7.4	3		
9	14	7	0	-0	0	0	0	2.3	1.0	0.2	0.0	3.3	3		
2	27	12	0	-0	0	0	0	4.0	2.3	0.1	0.0	6.3	3		
7	27	-5	-0	0	0	-0	-0	1.5	1.6	0.3	0.0	3.1	3		
8	27	-17	-1	0	0	-0	-0	5.5	4.2	0.5	0.0	9.7	3		
9	27	7	-0	-0	0	0	0	2.4	1.4	0.0	0.0	3.8	3		

ASTA NUM. 160 NI 4128 NF 4047 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	7	0	0	0	0	0	2.3	0.5	0.1	0.0	2.8	3		
7	0	-5	0	-0	0	-0	-0	1.5	0.4	0.0	0.0	1.9	3		
8	0	-12	-0	-0	0	-0	-0	4.1	1.0	0.1	0.0	5.1	3		
9	0	4	0	0	0	0	0	1.3	0.1	0.1	0.0	1.5	2		
2	14	7	0	0	0	0	0	2.3	0.9	0.1	0.0	3.3	3		
7	14	-4	-0	-0	0	-0	-0	1.5	0.5	0.1	0.0	1.9	3		
8	14	-12	-0	-0	0	-0	-0	4.0	1.4	0.1	0.0	5.4	3		
9	14	4	0	0	0	0	0	1.4	0.6	0.1	0.0	2.0	3		
2	27	7	0	0	0	0	0	2.4	1.1	0.0	0.0	3.4	3		
7	27	-4	-0	-0	0	-0	-0	1.4	0.9	0.1	0.0	2.3	3		
8	27	-12	-0	-0	0	-0	-0	4.0	2.2	0.2	0.0	6.1	3		
9	27	4	-0	0	0	0	0	1.4	0.7	0.0	0.0	2.1	3		

ASTA NUM. 159 NI 4047 NF 4050 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-2	-0	-0	0	0	0	0.5	0.0	0.1	0.0	0.5	5		
7	0	-7	-0	0	0	0	-0	2.3	0.5	0.1	0.0	2.8	3		
8	0	-3	0	0	0	-0	-0	0.8	0.5	0.1	0.0	1.3	3		
9	0	5	0	-0	0	-0	0	1.7	0.0	0.3	0.0	1.8	2		
2	5	-2	-0	-0	0	0	0	0.5	0.2	0.1	0.0	0.7	2		
7	5	-7	-0	0	0	-0	-0	2.3	0.9	0.2	0.0	3.2	3		
8	5	-3	0	0	0	-0	-0	0.8	0.5	0.1	0.0	1.4	3		
9	5	5	0	-0	0	0	0	1.7	0.7	0.2	0.0	2.5	3		
2	10	-1	-0	-0	0	0	-0	0.5	0.6	0.1	0.0	1.1	3		
7	10	-7	-0	0	0	-0	-0	2.3	1.3	0.2	0.0	3.6	3		
8	10	-2	0	0	0	-0	0	0.8	0.4	0.1	0.0	1.3	2		
9	10	5	0	-0	0	0	0	1.8	1.3	0.2	0.0	3.0	3		

ASTA NUM. 162 NI 4050 NF 4049 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-156	-2	0	0	0	-0	51.2	3.1	1.3	0.0	54.3	3		
7	0	-9	0	-0	0	-0	-0	3.1	1.1	0.1	0.0	4.2	3		

8	0	209	3	-0	0	-0	0	68.8	2.8	2.1	0.0	71.6	3
9	0	0	0	0	0	0	-0	0.1	0.6	0.1	0.0	0.7	3
2	27	-155	-2	0	0	0	-1	51.1	17.1	1.5	0.0	68.2	3
7	27	-9	-0	-0	0	0	-0	3.0	0.8	0.1	0.0	3.9	3
8	27	209	3	-0	0	-0	1	68.9	23.4	2.0	0.0	92.3	3
9	27	1	0	0	0	0	0	0.2	0.3	0.0	0.0	0.5	3
2	55	-155	-2	0	0	0	-1	51.1	32.3	1.6	0.0	83.3	3
7	55	-9	-0	-0	0	0	-0	3.0	2.2	0.2	0.0	5.2	3
8	55	210	3	-0	0	0	2	69.0	42.8	1.9	0.0	111.8	3
9	55	1	-0	0	0	-0	-0	0.3	0.5	0.1	0.0	0.8	3

ASTA NUM. 161 NI 4049 NF 4048 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-439	-2	-0	0	0	-1	144.4	32.5	1.5	0.0	176.9	3	
7	0	-11	0	0	0	0	-0	3.8	2.4	0.2	0.0	6.2	3	
8	0	594	3	0	0	0	2	195.5	43.0	2.3	0.0	238.5	3	
9	0	-16	-0	-0	0	-0	0	5.4	0.2	0.1	0.0	5.5	2	
2	27	-439	-2	-0	0	0	-2	144.3	48.3	1.6	0.0	192.6	3	
7	27	-11	0	0	0	-0	-0	3.7	1.3	0.0	0.0	5.0	3	
8	27	595	3	0	0	-0	2	195.6	66.1	2.2	0.0	261.7	3	
9	27	-16	-0	-0	0	0	-0	5.3	1.7	0.2	0.0	7.0	3	
2	55	-438	-2	-0	0	0	-2	144.2	65.3	1.7	0.0	209.5	3	
7	55	-11	-0	0	0	-0	-0	3.6	1.9	0.1	0.0	5.5	3	
8	55	595	3	0	0	-0	3	195.7	88.0	2.0	0.0	283.6	3	
9	55	-16	-0	-0	0	0	-0	5.2	4.7	0.3	0.0	9.9	3	

ASTA NUM. 158 NI 4048 NF 4051 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-763	-4	1	0	0	-2	251.0	63.5	2.8	0.0	314.5	3	
7	0	54	2	-1	0	-0	-0	17.8	4.8	1.5	0.0	22.6	3	
8	0	1033	6	-1	0	-0	3	339.8	85.7	4.1	0.0	425.5	3	
9	0	-134	-3	1	0	0	0	44.2	0.8	2.1	0.0	45.0	5	
2	5	-763	-4	1	0	-0	-3	251.0	68.5	2.9	0.0	319.5	3	
7	5	54	2	-1	0	0	-0	17.8	1.9	1.5	0.0	19.7	3	
8	5	1033	6	-1	0	0	3	339.8	92.3	4.1	0.0	432.1	3	
9	5	-134	-3	1	0	-0	-0	44.2	4.4	2.1	0.0	48.6	3	
2	10	-763	-4	1	0	-0	-3	251.0	74.6	2.9	0.0	325.6	3	
7	10	54	2	-1	0	0	0	17.8	3.1	1.5	0.0	21.0	3	
8	10	1033	6	-1	0	0	4	339.8	101.4	4.0	0.0	441.2	3	
9	10	-134	-3	1	0	-0	-0	44.2	9.7	2.2	0.0	53.9	3	

ASTA NUM. 168 NI 4051 NF 4163 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-763	-4	1	0	-0	-3	251.0	74.6	3.1	0.0	325.6	3	
7	0	54	2	-1	0	0	0	17.8	3.1	1.5	0.0	21.0	3	
8	0	1033	6	-1	0	0	4	339.8	101.4	4.4	0.0	441.2	3	
9	0	-134	-3	1	0	-0	-0	44.2	9.7	2.2	0.0	53.9	3	
2	14	-763	-4	1	0	-0	-3	250.9	92.7	3.2	0.0	343.6	3	
7	14	54	2	-1	0	0	0	17.9	13.7	1.4	0.0	31.6	3	
8	14	1033	6	-1	0	0	4	339.8	127.6	4.3	0.0	467.4	3	
9	14	-134	-3	1	0	-0	-1	44.2	24.5	2.3	0.0	68.6	3	
2	27	-763	-4	1	0	-0	-4	250.9	111.1	3.2	0.0	362.0	3	
7	27	54	2	-1	0	0	1	17.9	24.0	1.4	0.0	42.0	3	
8	27	1033	6	-1	0	0	5	339.8	153.4	4.2	0.0	493.2	3	
9	27	-134	-3	1	0	-0	-1	44.1	39.6	2.3	0.0	83.7	3	

ASTA NUM. 169 NI 4163 NF 4162 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1436	-26	-3	0	-0	-2	472.4	67.0	19.1	0.0	539.4	3	
7	0	477	22	6	0	0	-1	157.0	37.0	16.1	0.0	194.0	3	
8	0	1967	37	7	0	0	3	647.0	90.5	27.0	0.0	737.5	3	
9	0	-767	-31	-6	0	-0	1	252.4	42.1	23.2	0.0	294.4	3	
2	14	-1436	-26	-3	0	0	-6	472.4	164.4	19.1	0.0	636.8	3	
7	14	478	22	6	0	-0	2	157.1	65.3	16.1	0.0	222.4	3	
8	14	1967	36	7	0	-1	8	647.0	231.2	27.0	0.0	878.3	3	
9	14	-767	-32	-6	0	0	-3	252.3	97.0	23.3	0.0	349.3	3	
2	27	-1436	-26	-3	0	1	-9	472.4	272.9	19.2	0.0	745.2	3	
7	27	478	22	6	0	-1	5	157.1	167.3	16.0	0.0	324.4	3	
8	27	1967	36	7	0	-1	13	647.0	392.6	26.9	0.0	1039.6	3	
9	27	-767	-32	-6	0	1	-7	252.3	236.3	23.4	0.0	488.6	3	

ASTA NUM. 309 NI 4162 NF 3797 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	475	-22	-4	0	-1	5	156.3	156.4	16.0	0.0	312.7	3	
7	0	-1444	26	5	0	1	-9	475.0	286.1	19.3	0.0	761.1	3	
8	0	-773	32	8	0	2	-7	254.2	249.5	23.5	0.0	503.7	3	
9	0	1968	-37	-5	0	-1	13	647.4	382.6	27.0	0.0	1029.9	3	
2	14	475	-22	-4	0	-0	2	156.3	60.5	16.1	0.0	216.8	3	
7	14	-1444	26	5	0	0	-6	475.0	169.3	19.3	0.0	644.3	3	
8	14	-773	32	8	0	1	-3	254.2	101.6	23.4	0.0	355.8	3	
9	14	1968	-37	-5	0	-0	8	647.5	226.7	27.0	0.0	874.2	3	
2	27	475	-22	-4	0	0	-1	156.3	35.7	16.1	0.0	192.0	3	
7	27	-1444	26	5	0	-0	-2	475.0	70.3	19.2	0.0	545.3	3	
8	27	-773	32	8	0	-0	1	254.1	46.0	23.4	0.0	300.2	3	
9	27	1969	-37	-5	0	0	3	647.7	89.5	27.1	0.0	737.2	3	

ASTA NUM. 310 NI 3797 NF 3907 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	68	-3	1	0	0	1	22.3	25.4	2.1	0.0	47.6	3	
7	0	-811	5	-1	0	-0	-4	266.6	116.1	3.7	0.0	382.8	3	
8	0	-160	4	-2	0	-0	-1	52.5	47.2	3.3	0.0	99.7	3	
9	0	1095	-7	1	0	0	5	360.2	155.0	4.9	0.0	515.2	3	
2	14	68	-3	1	0	0	0	22.3	11.0	2.1	0.0	33.3	3	
7	14	-810	5	-1	0	-0	-3	266.6	92.6	3.6	0.0	359.2	3	
8	14	-160	4	-2	0	-0	-1	52.5	23.4	3.2	0.0	75.9	3	
9	14	1095	-7	1	0	0	4	360.2	124.6	5.0	0.0	484.8	3	
2	27	68	-3	1	0	-0	-0	22.3	3.7	2.2	0.0	26.0	3	
7	27	-810	5	-1	0	0	-3	266.6	72.4	3.5	0.0	339.0	3	
8	27	-160	4	-2	0	0	-0	52.5	2.9	3.1	0.0	55.3	3	
9	27	1095	-7	1	0	-0	3	360.2	96.3	5.0	0.0	456.5	3	

ASTA NUM. 165 NI 3907 NF 3906 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	9	0	-0	0	-0	0	3.1	1.4	0.2	0.0	4.5	3	
7	0	-632	-0	1	0	0	-3	208.0	70.6	0.5	0.0	278.6	3	
8	0	-62	-0	1	0	0	-0	20.5	8.2	0.6	0.0	28.7	3	
9	0	854	0	-1	0	-0	3	281.1	94.7	0.5	0.0	375.8	3	
2	5	9	0	-0	0	-0	0	3.1	1.1	0.2	0.0	4.2	3	
7	5	-632	-0	1	0	0	-3	208.0	69.9	0.5	0.0	278.0	3	
8	5	-62	-0	1	0	0	-0	20.5	7.3	0.6	0.0	27.7	3	
9	5	855	0	-1	0	-0	3	281.1	94.2	0.5	0.0	375.3	3	

2	10	9	-0	-0	0	0	0	3.1	1.4	0.2	0.0	4.5	3
7	10	-632	-0	1	0	-0	-3	208.0	70.3	0.5	0.0	278.3	3
8	10	-62	-0	1	0	-0	-0	20.4	7.5	0.6	0.0	27.9	3
9	10	855	0	-1	0	0	3	281.1	95.0	0.5	0.0	376.1	3

ASTA NUM. 163 NI 3906 NF 3905 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	0	0	0	0	-0	3.8	1.7	0.1	0.0	5.5	3	
7	0	-440	2	-0	0	-0	-2	144.6	65.2	1.7	0.0	209.8	3	
8	0	-17	0	-0	0	-0	-0	5.6	4.8	0.3	0.0	10.4	3	
9	0	594	-3	0	0	0	3	195.6	87.3	2.0	0.0	282.8	3	
2	27	-11	-0	0	0	0	-0	3.7	1.3	0.0	0.0	5.0	3	
7	27	-439	2	-0	0	-0	-2	144.5	48.1	1.6	0.0	192.6	3	
8	27	-17	0	-0	0	-0	-0	5.5	1.9	0.2	0.0	7.3	3	
9	27	595	-3	0	0	0	2	195.6	65.6	2.2	0.0	261.2	3	
2	55	-11	-0	0	0	-0	-0	3.7	2.2	0.2	0.0	5.9	3	
7	55	-439	2	-0	0	0	-1	144.5	32.9	1.5	0.0	177.4	3	
8	55	-16	0	-0	0	0	-0	5.4	0.4	0.1	0.0	5.8	3	
9	55	595	-3	0	0	-0	2	195.7	43.7	2.3	0.0	239.4	3	

ASTA NUM. 164 NI 3905 NF 3908 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	-0	-0	3.3	2.1	0.2	0.0	5.4	3	
7	0	-155	2	0	0	0	-1	51.1	32.5	1.6	0.0	83.6	3	
8	0	1	0	-0	0	0	0	0.2	0.1	0.1	0.0	0.4	2	
9	0	208	-3	-0	0	-0	2	68.6	43.1	1.9	0.0	111.7	3	
2	27	-10	0	0	0	-0	-0	3.2	0.9	0.1	0.0	4.1	3	
7	27	-155	2	0	0	0	-1	51.0	17.1	1.5	0.0	68.1	3	
8	27	1	-0	-0	0	0	0	0.3	0.5	0.0	0.0	0.7	3	
9	27	209	-3	-0	0	-0	1	68.6	23.5	2.0	0.0	92.1	3	
2	55	-9	-0	0	0	-0	-0	3.1	1.0	0.1	0.0	4.1	3	
7	55	-155	2	0	0	0	-0	51.0	3.0	1.3	0.0	53.9	3	
8	55	1	-0	-0	0	0	-0	0.4	0.5	0.1	0.0	0.9	3	
9	55	209	-3	-0	0	-0	0	68.7	2.6	2.1	0.0	71.3	3	

ASTA NUM. 166 NI 3908 NF 3910 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	-0	0	-0	-0	2.3	1.2	0.2	0.0	3.5	3	
7	0	-2	0	0	0	0	-0	0.6	0.5	0.1	0.0	1.1	3	
8	0	5	-0	0	0	0	0	1.6	1.1	0.2	0.0	2.7	3	
9	0	-2	-0	-0	0	-0	0	0.8	0.3	0.1	0.0	1.1	2	
2	5	-7	0	-0	0	-0	-0	2.3	0.8	0.2	0.0	3.1	3	
7	5	-2	0	0	0	0	0	0.6	0.1	0.1	0.0	0.7	2	
8	5	5	-0	0	0	0	0	1.6	0.6	0.2	0.0	2.3	3	
9	5	-2	-0	-0	0	-0	0	0.8	0.1	0.1	0.0	0.9	2	
2	10	-7	0	-0	0	0	-0	2.3	0.5	0.1	0.0	2.8	3	
7	10	-2	0	0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
8	10	5	-0	0	0	-0	0	1.7	0.0	0.2	0.0	1.7	2	
9	10	-2	-0	-0	0	-0	-0	0.8	0.5	0.1	0.0	1.2	3	

ASTA NUM. 167 NI 3910 NF 3909 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	0	0	-0	-0	1.5	0.9	0.1	0.0	2.4	3	

7	0	7	-0	-0	0	0	0	2.2	1.1	0.0	0.0	3.3	3
8	0	4	0	-0	0	0	0	1.3	0.6	0.0	0.0	2.0	3
9	0	-12	0	0	0	-0	-0	4.0	2.2	0.2	0.0	6.2	3
2	14	-4	0	0	0	-0	-0	1.5	0.5	0.1	0.0	2.0	3
7	14	7	-0	-0	0	0	0	2.3	0.9	0.1	0.0	3.2	3
8	14	4	-0	-0	0	0	0	1.3	0.6	0.1	0.0	1.9	3
9	14	-12	0	0	0	-0	-0	4.0	1.4	0.1	0.0	5.4	3
2	27	-4	-0	0	0	-0	-0	1.4	0.4	0.0	0.0	1.8	3
7	27	7	-0	-0	0	0	0	2.3	0.5	0.1	0.0	2.8	3
8	27	4	-0	-0	0	0	0	1.4	0.1	0.1	0.0	1.5	2
9	27	-12	0	0	0	-0	-0	4.0	1.0	0.1	0.0	5.0	3

ASTA NUM. 432 NI 3909 NF 3904 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	-0	0	-0	-0	1.8	1.6	0.3	0.0	3.4	3	
7	0	11	-0	0	0	0	0	3.6	2.3	0.1	0.0	5.9	3	
8	0	7	0	0	0	0	0	2.1	1.4	0.0	0.0	3.5	3	
9	0	-17	1	-0	0	-0	-0	5.6	4.2	0.5	0.0	9.8	3	
2	14	-5	0	-0	0	-0	-0	1.7	0.5	0.1	0.0	2.2	3	
7	14	11	-0	0	0	0	0	3.7	1.5	0.2	0.0	5.2	3	
8	14	7	-0	0	0	0	0	2.3	1.0	0.2	0.0	3.2	3	
9	14	-17	0	-0	0	-0	-0	5.5	1.8	0.3	0.0	7.3	3	
2	27	-5	-0	-0	0	0	0	1.6	0.0	0.1	0.0	1.6	2	
7	27	12	-1	0	0	-0	0	3.9	0.0	0.4	0.0	3.9	2	
8	27	7	-0	0	0	-0	-0	2.4	0.3	0.3	0.0	2.7	3	
9	27	-16	0	-0	0	0	-0	5.4	0.4	0.2	0.0	5.8	3	

ASTA NUM. 415 NI 4119 NF 4118 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	12	1	-0	0	-0	0	3.8	0.0	0.4	0.0	3.9	2	
7	0	-5	0	0	0	0	0	1.7	0.0	0.1	0.0	1.8	2	
8	0	-18	-0	0	0	0	-0	5.8	0.4	0.2	0.0	6.2	3	
9	0	7	0	-0	0	-0	-0	2.2	0.3	0.3	0.0	2.5	5	
2	14	12	0	-0	0	0	0	3.9	1.5	0.2	0.0	5.5	3	
7	14	-5	-0	0	0	-0	-0	1.6	0.5	0.1	0.0	2.1	3	
8	14	-17	-0	0	0	-0	-0	5.7	1.9	0.4	0.0	7.5	3	
9	14	7	0	-0	0	0	0	2.3	1.0	0.2	0.0	3.3	3	
2	27	12	0	-0	0	0	0	4.0	2.4	0.1	0.0	6.4	3	
7	27	-5	-0	0	0	-0	-0	1.5	1.6	0.3	0.0	3.1	3	
8	27	-17	-1	0	0	-0	-0	5.6	4.2	0.5	0.0	9.8	3	
9	27	7	-0	-0	0	0	0	2.4	1.4	0.0	0.0	3.8	3	

ASTA NUM. 179 NI 4118 NF 4054 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	7	0	0	0	0	0	2.3	0.5	0.1	0.0	2.8	3	
7	0	-5	0	-0	0	-0	-0	1.5	0.4	0.0	0.0	1.9	3	
8	0	-13	-0	-0	0	-0	-0	4.1	1.0	0.1	0.0	5.1	3	
9	0	4	0	0	0	0	0	1.3	0.1	0.1	0.0	1.5	2	
2	14	7	0	0	0	0	0	2.4	0.9	0.1	0.0	3.3	3	
7	14	-4	-0	-0	0	-0	-0	1.5	0.5	0.1	0.0	1.9	3	
8	14	-12	-0	-0	0	-0	-0	4.1	1.5	0.1	0.0	5.5	3	
9	14	4	0	0	0	0	0	1.4	0.6	0.1	0.0	2.0	3	
2	27	7	0	0	0	0	0	2.4	1.1	0.0	0.0	3.5	3	
7	27	-4	-0	-0	0	-0	-0	1.4	0.9	0.1	0.0	2.3	3	
8	27	-12	-0	-0	0	-0	-0	4.0	2.2	0.2	0.0	6.2	3	
9	27	4	-0	0	0	0	0	1.4	0.7	0.0	0.0	2.1	3	

ASTA NUM. 180 NI 4054 NF 4053 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.

qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	-0	-0	0	0	0	0.5	0.0	0.1	0.0	0.5	5	
7	0	-7	-0	0	0	0	-0	2.3	0.5	0.1	0.0	2.8	3	
8	0	-3	0	0	0	-0	-0	0.9	0.5	0.1	0.0	1.4	3	
9	0	5	0	-0	0	0	0	1.7	0.0	0.3	0.0	1.8	2	
2	5	-1	-0	-0	0	0	0	0.5	0.2	0.1	0.0	0.6	2	
7	5	-7	-0	0	0	-0	-0	2.3	0.9	0.2	0.0	3.2	3	
8	5	-3	0	0	0	-0	-0	0.9	0.5	0.1	0.0	1.4	3	
9	5	5	0	-0	0	0	0	1.8	0.7	0.2	0.0	2.5	3	
2	10	-1	-0	-0	0	0	-0	0.4	0.6	0.1	0.0	1.0	3	
7	10	-7	-0	0	0	-0	-0	2.3	1.3	0.2	0.0	3.6	3	
8	10	-3	0	0	0	-0	0	0.9	0.4	0.1	0.0	1.3	2	
9	10	5	0	-0	0	0	0	1.8	1.3	0.2	0.0	3.0	3	

ASTA NUM. 177 NI 4053 NF 4052 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-156	-2	0	0	0	-0	51.3	3.1	1.3	0.0	54.4	3	
7	0	-10	0	-0	0	-0	-0	3.1	1.1	0.1	0.0	4.2	3	
8	0	210	3	-0	0	-0	0	68.9	2.8	2.1	0.0	71.7	3	
9	0	0	0	0	0	0	-0	0.2	0.6	0.1	0.0	0.8	3	
2	27	-156	-2	0	0	0	-1	51.2	17.1	1.5	0.0	68.3	3	
7	27	-9	-0	-0	0	0	-0	3.1	0.8	0.1	0.0	3.9	3	
8	27	210	3	-0	0	-0	1	69.0	23.4	2.0	0.0	92.4	3	
9	27	1	0	0	0	0	0	0.2	0.3	0.0	0.0	0.6	3	
2	55	-155	-2	0	0	0	-1	51.1	32.3	1.6	0.0	83.5	3	
7	55	-9	-0	-0	0	0	-0	3.0	2.3	0.2	0.0	5.3	3	
8	55	210	3	-0	0	0	2	69.0	42.8	1.9	0.0	111.9	3	
9	55	1	-0	0	0	-0	-0	0.3	0.5	0.1	0.0	0.8	3	

ASTA NUM. 178 NI 4052 NF 4056 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-439	-2	-0	0	0	-1	144.5	32.5	1.5	0.0	177.0	3	
7	0	-12	0	0	0	0	-0	3.9	2.4	0.2	0.0	6.3	3	
8	0	595	3	0	0	0	2	195.7	43.0	2.3	0.0	238.7	3	
9	0	-16	-0	-0	0	-0	0	5.2	0.2	0.1	0.0	5.4	2	
2	27	-439	-2	-0	0	0	-2	144.4	48.3	1.6	0.0	192.7	3	
7	27	-12	0	0	0	-0	-0	3.8	1.3	0.0	0.0	5.1	3	
8	27	595	3	0	0	-0	2	195.7	66.1	2.2	0.0	261.9	3	
9	27	-16	-0	-0	0	0	-0	5.1	1.7	0.2	0.0	6.8	3	
2	55	-439	-2	-0	0	0	-2	144.3	65.4	1.7	0.0	209.7	3	
7	55	-11	-0	0	0	-0	-0	3.7	1.9	0.1	0.0	5.7	3	
8	55	595	3	0	0	-0	3	195.8	88.0	2.0	0.0	283.8	3	
9	55	-15	-0	-0	0	0	-0	5.1	4.6	0.3	0.0	9.7	3	

ASTA NUM. 181 NI 4056 NF 4055 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-764	-4	1	0	0	-2	251.2	63.6	2.8	0.0	314.7	3	
7	0	54	2	-1	0	-0	-0	17.6	4.8	1.5	0.0	22.5	3	
8	0	1034	6	-1	0	-0	3	340.1	85.7	4.1	0.0	425.8	3	
9	0	-134	-3	1	0	0	0	43.9	0.9	2.1	0.0	44.8	3	
2	5	-764	-4	1	0	-0	-3	251.2	68.6	2.9	0.0	319.8	3	
7	5	54	2	-1	0	0	-0	17.6	2.0	1.5	0.0	19.6	3	
8	5	1034	6	-1	0	0	3	340.1	92.4	4.1	0.0	432.5	3	
9	5	-134	-3	1	0	-0	-0	43.9	4.3	2.1	0.0	48.3	3	

2	10	-764	-4	1	0	-0	-3	251.2	74.7	2.9	0.0	325.8	3
7	10	54	2	-1	0	0	0	17.6	3.1	1.5	0.0	20.7	3
8	10	1034	5	-1	0	0	4	340.1	101.5	4.0	0.0	441.6	3
9	10	-134	-3	1	0	-0	-0	43.9	9.6	2.2	0.0	53.5	3

ASTA NUM. 171 NI 4055 NF 4165 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-764	-4	1	0	-0	-3	251.2	74.7	3.1	0.0	325.8	3		
7	0	54	2	-1	0	0	0	17.6	3.0	1.5	0.0	20.7	3		
8	0	1034	6	-1	0	0	4	340.1	101.5	4.4	0.0	441.6	3		
9	0	-134	-3	1	0	-0	-0	43.9	9.6	2.2	0.0	53.5	3		
2	14	-763	-4	1	0	-0	-3	251.1	92.8	3.2	0.0	343.9	3		
7	14	54	2	-1	0	0	0	17.7	13.7	1.4	0.0	31.4	3		
8	14	1034	6	-1	0	0	4	340.1	127.6	4.3	0.0	467.8	3		
9	14	-133	-3	1	0	-0	-1	43.9	24.4	2.3	0.0	68.3	3		
2	27	-763	-4	1	0	-0	-4	251.1	111.1	3.2	0.0	362.2	3		
7	27	54	2	-1	0	0	1	17.7	24.0	1.4	0.0	41.7	3		
8	27	1034	6	-1	0	0	5	340.1	153.5	4.3	0.0	493.7	3		
9	27	-133	-3	1	0	-0	-1	43.8	39.5	2.3	0.0	83.4	3		

ASTA NUM. 170 NI 4165 NF 4164 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1437	-26	-3	0	-0	-2	472.7	67.1	19.1	0.0	539.8	3		
7	0	476	22	6	0	0	-1	156.7	37.0	16.1	0.0	193.8	3		
8	0	1968	37	7	0	0	3	647.4	90.6	27.0	0.0	737.9	3		
9	0	-766	-31	-6	0	-0	1	251.9	42.2	23.2	0.0	294.1	3		
2	14	-1437	-26	-3	0	0	-6	472.7	164.4	19.1	0.0	637.1	3		
7	14	476	22	6	0	-0	2	156.7	65.3	16.1	0.0	222.1	3		
8	14	1968	37	7	0	-1	8	647.4	231.3	27.0	0.0	878.7	3		
9	14	-766	-32	-6	0	0	-3	251.8	96.9	23.3	0.0	348.7	3		
2	27	-1437	-26	-3	0	1	-9	472.7	272.9	19.2	0.0	745.6	3		
7	27	477	22	6	0	-1	5	156.8	167.4	16.0	0.0	324.1	3		
8	27	1968	36	7	0	-1	13	647.4	392.6	26.9	0.0	1040.0	3		
9	27	-766	-32	-6	0	1	-7	251.8	236.3	23.4	0.0	488.1	3		

ASTA NUM. 305 NI 4164 NF 3799 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	474	-22	-4	0	-1	5	156.0	156.2	16.0	0.0	312.2	3		
7	0	-1444	26	5	0	1	-9	475.0	286.3	19.3	0.0	761.3	3		
8	0	-772	32	8	0	2	-7	253.9	249.2	23.5	0.0	503.1	3		
9	0	1969	-37	-5	0	-1	13	647.7	383.0	27.0	0.0	1030.7	3		
2	14	474	-22	-4	0	-0	2	156.1	60.4	16.1	0.0	216.5	3		
7	14	-1444	26	5	0	0	-6	475.0	169.4	19.3	0.0	644.4	3		
8	14	-772	32	8	0	1	-3	253.8	101.4	23.4	0.0	355.2	3		
9	14	1970	-37	-5	0	-0	8	647.9	226.9	27.0	0.0	874.8	3		
2	27	475	-22	-4	0	0	-1	156.1	35.7	16.1	0.0	191.9	3		
7	27	-1444	26	5	0	-0	-2	475.0	70.4	19.2	0.0	545.4	3		
8	27	-772	32	8	0	-0	1	253.8	46.1	23.4	0.0	299.9	3		
9	27	1970	-37	-5	0	0	3	648.0	89.7	27.1	0.0	737.7	3		

ASTA NUM. 306 NI 3799 NF 3912 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							

2	0	67	-3	1	0	0	1	22.1	25.3	2.1	0.0	47.3	3
7	0	-811	5	-1	0	-0	-4	266.9	116.3	3.7	0.0	383.1	3
8	0	-159	4	-2	0	-0	-1	52.3	47.0	3.3	0.0	99.3	3
9	0	1096	-7	1	0	0	5	360.5	155.1	4.9	0.0	515.7	3
2	14	67	-3	1	0	0	0	22.1	10.9	2.1	0.0	33.0	3
7	14	-811	5	-1	0	-0	-3	266.8	92.7	3.6	0.0	359.5	3
8	14	-159	4	-2	0	-0	-1	52.2	23.3	3.2	0.0	75.5	3
9	14	1096	-7	1	0	0	4	360.5	124.7	5.0	0.0	485.2	3
2	27	67	-3	1	0	-0	-0	22.1	3.7	2.2	0.0	25.8	3
7	27	-811	5	-1	0	0	-3	266.8	72.5	3.5	0.0	339.3	3
8	27	-159	4	-2	0	0	-0	52.2	2.8	3.1	0.0	54.9	3
9	27	1096	-7	1	0	-0	3	360.5	96.4	5.0	0.0	457.0	3

ASTA NUM. 174 NI 3912 NF 3915 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	9	0	-0	0	-0	0	3.0	1.4	0.2	0.0	4.3	3	
7	0	-633	-0	1	0	0	-3	208.2	70.7	0.5	0.0	278.9	3	
8	0	-62	-0	1	0	0	-0	20.3	8.1	0.6	0.0	28.4	3	
9	0	855	0	-1	0	-0	3	281.4	94.8	0.5	0.0	376.2	3	
2	5	9	0	-0	0	-0	0	3.0	1.0	0.2	0.0	4.0	3	
7	5	-633	-0	1	0	0	-3	208.2	70.0	0.5	0.0	278.2	3	
8	5	-62	-0	1	0	0	-0	20.3	7.2	0.6	0.0	27.5	3	
9	5	855	0	-1	0	-0	3	281.4	94.3	0.5	0.0	375.7	3	
2	10	9	0	-0	0	0	0	3.0	1.4	0.2	0.0	4.3	3	
7	10	-633	-0	1	0	-0	-3	208.2	70.4	0.5	0.0	278.5	3	
8	10	-62	-0	1	0	-0	-0	20.3	7.4	0.6	0.0	27.7	3	
9	10	856	0	-1	0	0	3	281.4	95.0	0.5	0.0	376.4	3	

ASTA NUM. 176 NI 3915 NF 3914 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	0	0	0	0	-0	3.9	1.7	0.1	0.0	5.7	3	
7	0	-440	2	-0	0	-0	-2	144.7	65.2	1.7	0.0	209.9	3	
8	0	-17	0	-0	0	-0	-0	5.4	4.8	0.3	0.0	10.2	3	
9	0	595	-3	0	0	0	3	195.7	87.3	2.0	0.0	283.0	3	
2	27	-12	-0	0	0	0	-0	3.8	1.3	0.0	0.0	5.1	3	
7	27	-440	2	-0	0	-0	-2	144.6	48.1	1.6	0.0	192.7	3	
8	27	-16	0	-0	0	-0	-0	5.4	1.8	0.2	0.0	7.2	3	
9	27	595	-3	0	0	0	2	195.7	65.6	2.2	0.0	261.4	3	
2	55	-11	-0	0	0	-0	-0	3.7	2.2	0.2	0.0	5.9	3	
7	55	-439	2	-0	0	0	-1	144.5	32.9	1.5	0.0	177.4	3	
8	55	-16	0	-0	0	0	0	5.3	0.1	0.1	0.0	5.4	2	
9	55	595	-3	0	0	-0	2	195.8	43.6	2.3	0.0	239.5	3	

ASTA NUM. 175 NI 3914 NF 3913 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	-0	-0	3.3	2.1	0.2	0.0	5.5	3	
7	0	-156	2	0	0	0	-1	51.2	32.5	1.6	0.0	83.6	3	
8	0	1	0	-0	0	0	0	0.3	0.1	0.1	0.0	0.4	2	
9	0	209	-3	-0	0	-0	2	68.6	43.1	1.9	0.0	111.8	3	
2	27	-10	0	0	0	-0	-0	3.2	0.9	0.1	0.0	4.2	3	
7	27	-155	2	0	0	0	-1	51.1	17.1	1.5	0.0	68.2	3	
8	27	1	-0	-0	0	0	0	0.3	0.5	0.0	0.0	0.8	3	
9	27	209	-3	-0	0	-0	1	68.7	23.5	2.0	0.0	92.2	3	
2	55	-10	-0	0	0	-0	-0	3.2	1.0	0.1	0.0	4.2	3	
7	55	-155	2	0	0	0	-0	51.0	3.0	1.3	0.0	54.0	3	
8	55	1	-0	-0	0	0	-0	0.4	0.5	0.1	0.0	0.9	3	
9	55	209	-3	-0	0	-0	0	68.7	2.6	2.1	0.0	71.4	3	

ASTA NUM. 173 NI 3913 NF 3911 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	-0	0	-0	-0	2.3	1.2	0.2	0.0	3.5	3	
7	0	-2	0	0	0	0	-0	0.6	0.5	0.1	0.0	1.1	3	
8	0	5	-0	0	0	0	0	1.6	1.1	0.2	0.0	2.8	3	
9	0	-2	-0	-0	0	-0	0	0.8	0.3	0.1	0.0	1.0	2	
2	5	-7	0	-0	0	-0	-0	2.3	0.8	0.2	0.0	3.1	3	
7	5	-2	0	0	0	0	0	0.6	0.1	0.1	0.0	0.7	2	
8	5	5	-0	0	0	0	0	1.7	0.6	0.2	0.0	2.3	3	
9	5	-2	-0	-0	0	-0	0	0.8	0.1	0.1	0.0	0.9	2	
2	10	-7	0	-0	0	0	-0	2.3	0.5	0.1	0.0	2.8	3	
7	10	-2	0	0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
8	10	5	-0	0	0	-0	0	1.7	0.0	0.2	0.0	1.7	2	
9	10	-2	-0	-0	0	-0	-0	0.8	0.5	0.1	0.0	1.2	3	

ASTA NUM. 172 NI 3911 NF 3917 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	0	0	-0	-0	1.5	0.9	0.1	0.0	2.4	3	
7	0	7	-0	-0	0	0	0	2.2	1.1	0.0	0.0	3.3	3	
8	0	4	0	-0	0	0	0	1.3	0.7	0.0	0.0	2.0	3	
9	0	-12	0	0	0	-0	-0	4.0	2.2	0.2	0.0	6.2	3	
2	14	-5	0	0	0	-0	-0	1.5	0.5	0.1	0.0	2.0	3	
7	14	7	-0	-0	0	0	0	2.3	0.9	0.1	0.0	3.2	3	
8	14	4	-0	-0	0	0	0	1.3	0.6	0.1	0.0	1.9	3	
9	14	-12	0	0	0	-0	-0	4.0	1.4	0.1	0.0	5.4	3	
2	27	-4	-0	0	0	-0	-0	1.4	0.4	0.0	0.0	1.8	3	
7	27	7	-0	-0	0	0	0	2.3	0.5	0.1	0.0	2.8	3	
8	27	4	-0	-0	0	0	0	1.4	0.1	0.1	0.0	1.5	2	
9	27	-12	0	0	0	-0	-0	4.0	1.0	0.1	0.0	5.0	3	

ASTA NUM. 436 NI 3917 NF 3916 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	-0	0	-0	-0	1.8	1.6	0.3	0.0	3.4	3	
7	0	11	-0	0	0	0	0	3.6	2.3	0.1	0.0	6.0	3	
8	0	6	0	0	0	0	0	2.1	1.4	0.0	0.0	3.5	3	
9	0	-17	1	-0	0	-0	-0	5.7	4.2	0.5	0.0	9.8	3	
2	14	-5	0	-0	0	-0	-0	1.7	0.5	0.1	0.0	2.1	3	
7	14	11	-0	0	0	0	0	3.8	1.5	0.2	0.0	5.3	3	
8	14	7	-0	0	0	0	0	2.2	1.0	0.2	0.0	3.2	3	
9	14	-17	0	-0	0	-0	-0	5.6	1.8	0.3	0.0	7.4	3	
2	27	-5	-0	-0	0	0	0	1.6	0.0	0.1	0.0	1.6	2	
7	27	12	-1	0	0	-0	0	3.9	0.0	0.4	0.0	3.9	2	
8	27	7	-0	0	0	-0	-0	2.4	0.4	0.3	0.0	2.7	3	
9	27	-17	0	-0	0	0	-0	5.4	0.4	0.2	0.0	5.9	3	

ASTA NUM. 416 NI 4133 NF 4132 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	-0	-0	0	-0	0	3.7	0.0	0.1	0.0	3.7	2	
7	0	5	0	0	0	0	0	1.7	0.0	0.3	0.0	1.8	2	
8	0	13	1	0	0	0	-0	4.4	0.4	0.5	0.0	4.8	3	
9	0	-10	0	-0	0	-0	-0	3.3	0.5	0.0	0.0	3.9	3	
2	14	-11	-0	-0	0	0	-0	3.6	1.2	0.3	0.0	4.8	3	
7	14	6	0	0	0	-0	0	1.8	0.8	0.1	0.0	2.6	3	
8	14	14	0	0	0	-0	0	4.5	1.8	0.3	0.0	6.3	3	

9	14	-10	-0	-0	0	0	-0	3.2	1.0	0.2	0.0	4.2	3
2	27	-11	-1	-0	0	0	-0	3.5	3.1	0.5	0.0	6.6	3
7	27	6	-0	0	0	-0	0	1.9	0.8	0.1	0.0	2.7	3
8	27	14	0	0	0	-0	0	4.6	3.1	0.1	0.0	7.8	3
9	27	-9	-0	-0	0	0	-0	3.1	2.4	0.4	0.0	5.5	3

ASTA NUM. 184 NI 4132 NF 4057 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-10	-0	0	0	0	-0	3.2	0.6	0.1	0.0	3.8	3		
7	0	2	0	-0	0	-0	0	0.8	0.1	0.1	0.0	0.8	2		
8	0	10	0	-0	0	-0	0	3.3	0.2	0.2	0.0	3.6	2		
9	0	-7	-0	0	0	0	-0	2.3	0.6	0.0	0.0	2.9	3		
2	14	-9	-0	0	0	0	-0	3.1	1.1	0.1	0.0	4.2	3		
7	14	2	0	-0	0	-0	0	0.8	0.4	0.0	0.0	1.1	3		
8	14	10	0	-0	0	-0	0	3.3	1.3	0.2	0.0	4.6	3		
9	14	-7	-0	0	0	0	-0	2.3	0.8	0.1	0.0	3.0	3		
2	27	-9	-0	0	0	0	-0	3.1	1.9	0.2	0.0	5.0	3		
7	27	3	-0	-0	0	-0	0	0.8	0.3	0.0	0.0	1.1	3		
8	27	10	0	-0	0	-0	0	3.4	1.8	0.1	0.0	5.2	3		
9	27	-7	-0	0	0	0	-0	2.2	1.3	0.1	0.0	3.5	3		

ASTA NUM. 183 NI 4057 NF 4060 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-25	-1	-0	0	0	-0	8.4	1.4	0.7	0.0	9.8	3		
7	0	2	0	0	0	0	0	0.7	0.0	0.1	0.0	0.7	2		
8	0	29	1	0	0	-0	0	9.7	1.4	1.0	0.0	11.1	3		
9	0	-10	-0	-0	0	0	-0	3.3	0.7	0.2	0.0	3.9	1		
2	5	-25	-1	-0	0	0	-0	8.3	2.9	0.7	0.0	11.3	3		
7	5	2	0	0	0	-0	0	0.7	0.1	0.1	0.0	0.8	2		
8	5	30	1	0	0	-0	0	9.7	3.5	1.0	0.0	13.2	3		
9	5	-10	-0	-0	0	0	-0	3.2	1.2	0.2	0.0	4.5	3		
2	10	-25	-1	-0	0	0	-0	8.3	4.5	0.8	0.0	12.8	3		
7	10	2	0	0	0	-0	0	0.7	0.6	0.1	0.0	1.4	3		
8	10	30	1	0	0	-0	0	9.7	5.5	1.0	0.0	15.2	3		
9	10	-10	-0	-0	0	0	-0	3.2	1.8	0.3	0.0	5.0	3		

ASTA NUM. 186 NI 4060 NF 4059 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-181	-2	0	0	0	-0	59.5	4.1	1.5	0.0	63.6	3		
7	0	-3	0	-0	0	-0	-0	0.9	0.6	0.1	0.0	1.5	3		
8	0	243	3	-0	0	-0	0	79.9	4.1	2.4	0.0	84.0	3		
9	0	-12	0	0	0	0	-0	3.9	1.4	0.1	0.0	5.2	3		
2	27	-181	-2	0	0	0	-1	59.5	19.8	1.6	0.0	79.2	3		
7	27	-3	-0	-0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2		
8	27	243	3	-0	0	-0	1	79.9	27.1	2.2	0.0	107.0	3		
9	27	-11	-0	0	0	0	-0	3.8	1.1	0.1	0.0	4.9	3		
2	55	-180	-2	0	0	0	-1	59.4	36.7	1.8	0.0	96.1	3		
7	55	-2	-0	-0	0	0	-0	0.8	1.1	0.2	0.0	1.9	3		
8	55	243	3	-0	0	-0	2	80.0	48.8	2.1	0.0	128.8	3		
9	55	-11	-0	0	0	-0	-0	3.7	2.5	0.2	0.0	6.2	3		

ASTA NUM. 185 NI 4059 NF 4058 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							

2	0	-461	-2	-0	0	0	-1	151.5	35.8	1.4	0.0	187.3	3
7	0	-20	-0	0	0	0	-0	6.5	0.7	0.1	0.0	7.2	3
8	0	621	3	0	0	-0	2	204.3	47.6	2.1	0.0	251.9	3
9	0	-9	0	-0	0	-0	-0	2.9	2.9	0.3	0.0	5.8	3
2	27	-460	-2	-0	0	0	-2	151.5	50.7	1.5	0.0	202.2	3
7	27	-20	-0	0	0	-0	-0	6.4	2.1	0.2	0.0	8.5	3
8	27	621	3	0	0	-0	3	204.4	68.9	2.0	0.0	273.3	3
9	27	-9	0	-0	0	0	-0	2.8	1.0	0.1	0.0	3.9	3
2	55	-460	-2	-0	0	0	-2	151.4	66.9	1.6	0.0	218.3	3
7	55	-19	-0	0	0	-0	-0	6.3	5.0	0.3	0.0	11.3	3
8	55	622	3	0	0	-0	3	204.4	89.0	1.9	0.0	293.4	3
9	55	-8	0	-0	0	0	0	2.8	0.7	0.0	0.0	3.5	2

ASTA NUM. 182 NI 4058 NF 4061 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-621	-0	1	0	0	-2	204.3	65.5	0.6	0.0	269.8	3	
7	0	-96	-1	-1	0	-0	-0	31.7	4.9	0.8	0.0	36.6	3	
8	0	828	1	-1	0	-0	3	272.3	87.6	0.8	0.0	359.9	3	
9	0	78	2	1	0	0	0	25.6	1.3	1.2	0.0	26.9	3	
2	5	-621	-0	1	0	-0	-2	204.3	65.8	0.6	0.0	270.1	3	
7	5	-96	-1	-1	0	0	-0	31.7	6.5	0.8	0.0	38.1	3	
8	5	828	1	-1	0	0	3	272.3	88.2	0.8	0.0	360.5	3	
9	5	78	2	1	0	-0	0	25.6	3.4	1.2	0.0	29.0	3	
2	10	-621	-1	1	0	-0	-2	204.3	67.6	0.6	0.0	271.9	3	
7	10	-96	-1	-1	0	0	-0	31.6	8.9	0.9	0.0	40.5	3	
8	10	828	1	-1	0	0	3	272.3	90.6	0.8	0.0	362.9	3	
9	10	78	2	1	0	-0	0	25.7	6.9	1.2	0.0	32.6	3	

ASTA NUM. 193 NI 4061 NF 4180 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-621	-1	1	0	-0	-2	204.3	67.6	0.6	0.0	271.9	3	
7	0	-96	-1	-1	0	0	-0	31.6	8.9	0.9	0.0	40.5	3	
8	0	828	1	-1	0	0	3	272.3	90.6	0.8	0.0	362.9	3	
9	0	78	2	1	0	-0	0	25.7	6.9	1.2	0.0	32.6	3	
2	14	-621	-1	1	0	-0	-3	204.3	73.8	0.6	0.0	278.0	3	
7	14	-96	-1	-1	0	0	-0	31.6	15.9	0.9	0.0	47.5	3	
8	14	828	1	-1	0	0	3	272.4	98.4	0.8	0.0	370.8	3	
9	14	78	2	1	0	-0	0	25.7	16.5	1.1	0.0	42.2	3	
2	27	-621	-1	1	0	-0	-3	204.2	80.3	0.7	0.0	284.5	3	
7	27	-96	-1	-1	0	0	-1	31.6	23.3	1.0	0.0	54.8	3	
8	27	828	1	-1	0	0	4	272.4	105.9	0.8	0.0	378.3	3	
9	27	78	1	1	0	-0	1	25.7	25.7	1.1	0.0	51.4	3	

ASTA NUM. 323 NI 4180 NF 4182 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-586	1	-5	0	-0	-3	192.9	76.1	3.5	0.0	269.0	3	
7	0	-247	-2	4	0	0	-1	81.4	25.4	3.0	0.0	106.8	3	
8	0	764	-2	6	0	0	3	251.4	100.5	4.6	0.0	351.9	3	
9	0	280	3	-6	0	-0	1	92.1	29.3	4.6	0.0	121.4	3	
2	14	-586	1	-5	0	0	-2	192.9	74.1	3.5	0.0	267.0	3	
7	14	-247	-2	4	0	-0	-1	81.3	36.3	3.0	0.0	117.6	3	
8	14	764	-2	6	0	-0	3	251.4	97.0	4.6	0.0	348.5	3	
9	14	280	3	-6	0	1	1	92.2	44.9	4.6	0.0	137.1	3	
2	27	-586	1	-5	0	1	-2	192.8	87.9	3.5	0.0	280.7	3	
7	27	-247	-2	4	0	-1	-1	81.3	59.7	3.0	0.0	141.0	3	
8	27	764	-2	6	0	-1	3	251.5	114.0	4.6	0.0	365.4	3	
9	27	280	3	-6	0	1	2	92.2	78.9	4.6	0.0	171.1	3	

ASTA NUM. 324 NI 4182 NF 4181 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-246	2	-5	0	-1	-1	81.1	62.2	3.4	0.0	143.3	3	
7	0	-583	-1	5	0	1	-2	191.7	85.3	3.4	0.0	277.0	3	
8	0	284	-3	6	0	1	2	93.5	78.6	4.6	0.0	172.1	3	
9	0	764	2	-7	0	-1	3	251.4	116.5	5.1	0.0	367.9	3	
2	14	-246	2	-5	0	-0	-1	81.1	36.8	3.4	0.0	117.9	3	
7	14	-583	-1	5	0	0	-2	191.6	72.7	3.4	0.0	264.3	3	
8	14	284	-3	6	0	0	1	93.5	44.2	4.6	0.0	137.7	3	
9	14	764	2	-7	0	-0	3	251.5	97.5	5.1	0.0	348.9	3	
2	27	-246	2	-5	0	0	-1	81.0	26.7	3.4	0.0	107.8	3	
7	27	-582	-1	5	0	-0	-3	191.6	77.0	3.4	0.0	268.6	3	
8	27	284	-3	6	0	-0	1	93.5	30.2	4.6	0.0	123.7	3	
9	27	765	2	-7	0	0	3	251.5	102.7	5.1	0.0	354.2	3	

ASTA NUM. 189 NI 4181 NF 3921 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-108	1	1	0	0	-1	35.6	24.9	1.1	0.0	60.5	3	
7	0	-633	1	-1	0	-0	-3	208.1	80.1	0.9	0.0	288.2	3	
8	0	94	-2	-2	0	-0	1	30.8	27.5	1.3	0.0	58.3	3	
9	0	843	-0	2	0	0	3	277.2	107.1	1.4	0.0	384.3	3	
2	14	-108	1	1	0	0	-0	35.5	15.3	1.0	0.0	50.8	3	
7	14	-632	1	-1	0	-0	-3	208.1	73.2	0.9	0.0	281.2	3	
8	14	94	-2	-2	0	-0	0	30.8	15.1	1.3	0.0	45.9	3	
9	14	843	-1	2	0	0	3	277.3	98.1	1.4	0.0	375.4	3	
2	27	-108	1	1	0	-0	-0	35.5	7.6	1.0	0.0	43.0	3	
7	27	-632	0	-1	0	0	-2	208.0	68.7	0.9	0.0	276.7	3	
8	27	94	-2	-2	0	0	0	30.8	4.5	1.4	0.0	35.4	3	
9	27	843	-1	2	0	-0	3	277.3	92.1	1.4	0.0	369.4	3	

ASTA NUM. 190 NI 3921 NF 3920 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-57	0	-0	0	-0	-0	18.9	7.6	0.3	0.0	26.4	3	
7	0	-596	2	1	0	0	-3	196.2	69.3	1.5	0.0	265.4	3	
8	0	29	-0	1	0	0	0	9.7	4.5	0.4	0.0	14.2	3	
9	0	799	-2	-1	0	-0	3	262.9	92.9	1.8	0.0	355.8	3	
2	5	-57	0	-0	0	-0	-0	18.9	6.5	0.3	0.0	25.4	3	
7	5	-596	2	1	0	0	-2	196.1	65.8	1.5	0.0	261.9	3	
8	5	30	-0	1	0	0	0	9.7	3.5	0.4	0.0	13.2	3	
9	5	799	-3	-1	0	-0	3	262.9	88.3	1.9	0.0	351.2	3	
2	10	-57	0	-0	0	0	-0	18.8	6.2	0.3	0.0	25.1	3	
7	10	-596	2	1	0	-0	-2	196.1	63.3	1.4	0.0	259.4	3	
8	10	30	-0	1	0	-0	0	9.7	3.5	0.4	0.0	13.2	3	
9	10	799	-3	-1	0	0	3	263.0	85.0	1.9	0.0	348.0	3	

ASTA NUM. 187 NI 3920 NF 3919 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-20	0	0	0	0	-0	6.6	4.9	0.3	0.0	11.5	3	
7	0	-460	2	-0	0	-0	-2	151.4	66.6	1.6	0.0	218.0	3	
8	0	-9	-0	-0	0	-0	0	2.9	0.6	0.0	0.0	3.5	2	
9	0	620	-3	0	0	0	3	204.0	88.5	1.9	0.0	292.6	3	
2	27	-20	0	0	0	0	-0	6.5	2.1	0.2	0.0	8.6	3	
7	27	-460	2	-0	0	-0	-2	151.3	50.4	1.5	0.0	201.7	3	

8	27	-9	-0	-0	0	-0	-0	2.8	1.0	0.1	0.0	3.8	3
9	27	620	-3	0	0	0	3	204.1	68.4	2.0	0.0	272.5	3
2	55	-20	0	0	0	-0	-0	6.4	0.7	0.1	0.0	7.2	3
7	55	-460	2	-0	0	0	-1	151.2	36.1	1.4	0.0	187.3	3
8	55	-8	-0	-0	0	0	-0	2.7	2.8	0.3	0.0	5.5	3
9	55	621	-3	0	0	-0	2	204.1	47.9	2.1	0.0	252.1	3

ASTA NUM. 188 NI 3919 NF 3922 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	-0	-0	0.9	1.0	0.1	0.0	1.9	3	
7	0	-182	2	0	0	0	-1	59.8	37.1	1.8	0.0	96.9	3	
8	0	-12	0	0	0	0	-0	4.1	2.5	0.2	0.0	6.6	3	
9	0	243	-3	-0	0	-0	2	80.0	49.3	2.1	0.0	129.3	3	
2	27	-3	0	0	0	-0	0	0.8	0.1	0.0	0.0	0.9	2	
7	27	-181	2	0	0	0	-1	59.7	19.9	1.6	0.0	79.6	3	
8	27	-12	0	0	0	0	-0	4.0	1.3	0.1	0.0	5.3	3	
9	27	243	-3	-0	0	-0	1	80.1	27.3	2.2	0.0	107.3	3	
2	55	-2	-0	0	0	-0	-0	0.8	0.5	0.1	0.0	1.3	3	
7	55	-181	2	0	0	0	-0	59.6	4.0	1.5	0.0	63.6	3	
8	55	-12	-0	0	0	0	-0	3.9	1.3	0.1	0.0	5.2	3	
9	55	244	-3	-0	0	-0	0	80.2	4.0	2.4	0.0	84.1	3	

ASTA NUM. 191 NI 3922 NF 3924 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	-0	-0	0	-0	0	0.6	0.5	0.1	0.0	1.1	3	
7	0	-25	1	0	0	0	-0	8.3	4.3	0.8	0.0	12.7	3	
8	0	-10	0	0	0	0	-0	3.2	1.7	0.3	0.0	4.9	3	
9	0	29	-1	-0	0	-0	0	9.5	5.3	1.0	0.0	14.8	3	
2	5	2	-0	-0	0	-0	0	0.6	0.0	0.1	0.0	0.7	2	
7	5	-25	1	0	0	0	-0	8.3	2.9	0.7	0.0	11.2	3	
8	5	-10	0	0	0	0	-0	3.2	1.1	0.2	0.0	4.3	3	
9	5	29	-1	-0	0	-0	0	9.5	3.3	1.0	0.0	12.9	3	
2	10	2	-0	-0	0	0	0	0.6	0.0	0.1	0.0	0.7	2	
7	10	-25	1	0	0	0	-0	8.3	1.4	0.7	0.0	9.7	3	
8	10	-10	0	0	0	0	-0	3.2	0.7	0.2	0.0	3.9	1	
9	10	29	-1	-0	0	-0	0	9.6	1.3	1.0	0.0	10.9	3	

ASTA NUM. 192 NI 3924 NF 3923 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	0	0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	
7	0	-10	0	-0	0	0	-0	3.2	1.9	0.2	0.0	5.1	3	
8	0	-7	0	-0	0	0	-0	2.3	1.3	0.1	0.0	3.6	3	
9	0	10	-0	0	0	-0	0	3.2	1.8	0.1	0.0	5.0	3	
2	14	2	-0	0	0	-0	0	0.7	0.3	0.0	0.0	1.1	3	
7	14	-10	0	-0	0	0	-0	3.2	1.1	0.1	0.0	4.3	3	
8	14	-7	0	-0	0	0	-0	2.3	0.8	0.1	0.0	3.0	3	
9	14	10	-0	0	0	-0	0	3.3	1.3	0.2	0.0	4.5	3	
2	27	2	-0	0	0	-0	0	0.8	0.1	0.1	0.0	0.8	2	
7	27	-9	0	-0	0	0	-0	3.1	0.6	0.1	0.0	3.8	3	
8	27	-7	0	-0	0	0	-0	2.2	0.6	0.0	0.0	2.8	3	
9	27	10	-0	0	0	-0	0	3.3	0.2	0.2	0.0	3.6	2	

ASTA NUM. 437 NI 3923 NF 3918 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	5	0	-0	0	-0	0	1.6	0.8	0.1	0.0	2.3	3
7	0	-11	1	0	0	0	-0	3.8	3.1	0.4	0.0	6.8	3
8	0	-10	0	0	0	0	-0	3.3	2.4	0.4	0.0	5.7	3
9	0	13	-0	-0	0	-0	0	4.3	3.1	0.1	0.0	7.4	3
2	14	5	-0	-0	0	-0	0	1.7	0.8	0.1	0.0	2.5	3
7	14	-11	0	0	0	0	-0	3.7	1.2	0.3	0.0	4.8	3
8	14	-10	0	0	0	0	-0	3.2	1.0	0.2	0.0	4.2	3
9	14	14	-0	-0	0	-0	0	4.4	1.8	0.3	0.0	6.2	3
2	27	5	-0	-0	0	0	0	1.8	0.0	0.3	0.0	1.9	2
7	27	-11	0	0	0	-0	0	3.5	0.0	0.1	0.0	3.5	2
8	27	-9	-0	0	0	-0	-0	3.1	0.5	0.0	0.0	3.6	3
9	27	14	-1	-0	0	0	-0	4.6	0.4	0.5	0.0	5.0	3

ASTA NUM. 404 NI 4113 NF 4112 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	-0	-0	0	-0	0	3.9	0.0	0.1	0.0	3.9	2	
7	0	5	0	0	0	0	0	1.6	0.0	0.3	0.0	1.6	2	
8	0	14	1	0	0	0	-0	4.7	0.5	0.5	0.0	5.1	3	
9	0	-10	0	-0	0	-0	-0	3.1	0.4	0.0	0.0	3.6	3	
2	14	-11	-0	-0	0	0	-0	3.8	1.2	0.3	0.0	5.0	3	
7	14	5	0	0	0	-0	0	1.7	0.7	0.1	0.0	2.4	3	
8	14	15	0	0	0	-0	0	4.8	1.9	0.4	0.0	6.7	3	
9	14	-9	-0	-0	0	0	-0	3.0	0.9	0.2	0.0	3.9	3	
2	27	-11	-1	-0	0	0	-0	3.7	3.2	0.5	0.0	6.9	3	
7	27	5	-0	0	0	-0	0	1.8	0.7	0.1	0.0	2.5	3	
8	27	15	0	0	0	-0	0	4.9	3.3	0.2	0.0	8.2	3	
9	27	-9	-0	-0	0	0	-0	2.9	2.3	0.4	0.0	5.2	3	

ASTA NUM. 203 NI 4112 NF 4064 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	-0	-0	0	0	-0	3.6	0.5	0.1	0.0	4.1	3	
7	0	2	0	0	0	-0	0	0.7	0.0	0.1	0.0	0.7	2	
8	0	12	0	0	0	-0	0	3.8	0.2	0.3	0.0	4.0	2	
9	0	-7	-0	-0	0	0	-0	2.2	0.5	0.0	0.0	2.7	3	
2	14	-11	-0	-0	0	0	-0	3.5	1.3	0.2	0.0	4.8	3	
7	14	2	0	0	0	-0	0	0.7	0.4	0.0	0.0	1.1	3	
8	14	12	0	0	0	-0	0	3.9	1.6	0.2	0.0	5.4	3	
9	14	-7	-0	-0	0	0	-0	2.2	0.8	0.1	0.0	3.0	3	
2	27	-11	-0	-0	0	0	-0	3.5	2.4	0.2	0.0	5.8	3	
7	27	2	-0	0	0	-0	0	0.8	0.1	0.0	0.0	0.9	2	
8	27	12	0	0	0	-0	0	3.9	2.5	0.1	0.0	6.4	3	
9	27	-6	-0	-0	0	0	-0	2.1	1.4	0.1	0.0	3.6	3	

ASTA NUM. 204 NI 4064 NF 4063 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-157	-2	0	0	0	0	51.6	1.2	1.4	0.0	52.8	3	
7	0	-2	0	-0	0	-0	-0	0.8	0.5	0.1	0.0	1.3	3	
8	0	210	3	-0	0	-0	-0	68.9	3.6	2.3	0.0	72.5	3	
9	0	-11	0	0	0	0	-0	3.6	1.4	0.1	0.0	5.1	3	
2	5	-157	-2	0	0	0	-0	51.6	1.8	1.4	0.0	53.4	3	
7	5	-2	0	-0	0	-0	0	0.8	0.1	0.1	0.0	0.9	2	
8	5	210	3	-0	0	-0	0	68.9	1.1	2.2	0.0	70.0	3	
9	5	-11	0	0	0	0	-0	3.6	1.2	0.1	0.0	4.9	3	
2	10	-157	-2	0	0	0	-0	51.6	4.4	1.4	0.0	56.0	3	
7	10	-2	0	-0	0	-0	0	0.8	0.1	0.1	0.0	0.9	2	
8	10	210	3	-0	0	-0	0	68.9	5.2	2.2	0.0	74.2	3	
9	10	-11	0	0	0	0	-0	3.6	1.1	0.1	0.0	4.7	3	

ASTA NUM. 201 NI 4063 NF 4062 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-157	-2	0	0	0	-0	51.6	4.4	1.5	0.0	56.0	3	
7	0	-2	0	-0	0	-0	0	0.8	0.1	0.1	0.0	0.9	2	
8	0	210	3	-0	0	-0	0	68.9	5.2	2.3	0.0	74.2	3	
9	0	-11	0	0	0	0	-0	3.6	1.1	0.1	0.0	4.7	3	
2	27	-157	-2	0	0	0	-1	51.5	19.9	1.6	0.0	71.4	3	
7	27	-2	-0	-0	0	0	0	0.7	0.0	0.1	0.0	0.7	2	
8	27	210	3	-0	0	-0	1	69.0	27.4	2.1	0.0	96.4	3	
9	27	-11	-0	0	0	-0	-0	3.5	1.0	0.1	0.0	4.5	3	
2	55	-156	-2	0	0	0	-1	51.4	36.7	1.7	0.0	88.1	3	
7	55	-2	-0	-0	0	0	-0	0.6	1.3	0.2	0.0	1.9	3	
8	55	210	3	-0	0	-0	2	69.1	48.4	2.0	0.0	117.5	3	
9	55	-10	-0	0	0	-0	-0	3.5	2.4	0.2	0.0	5.9	3	

ASTA NUM. 202 NI 4062 NF 4066 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-461	-2	-0	0	0	-1	151.7	35.9	1.4	0.0	187.6	3	
7	0	-20	-0	0	0	0	-0	6.7	0.7	0.1	0.0	7.4	3	
8	0	622	3	0	0	-0	2	204.6	47.7	2.1	0.0	252.3	3	
9	0	-8	0	-0	0	-0	-0	2.6	2.8	0.3	0.0	5.4	3	
2	27	-461	-2	-0	0	0	-2	151.7	50.8	1.5	0.0	202.5	3	
7	27	-20	-0	0	0	-0	-0	6.6	2.2	0.2	0.0	8.8	3	
8	27	622	3	0	0	-0	3	204.7	69.0	2.0	0.0	273.7	3	
9	27	-8	0	-0	0	0	-0	2.5	0.9	0.1	0.0	3.5	3	
2	55	-461	-2	-0	0	0	-2	151.6	67.0	1.6	0.0	218.6	3	
7	55	-20	-0	0	0	-0	-0	6.6	5.0	0.3	0.0	11.6	3	
8	55	622	3	0	0	-0	3	204.7	89.1	1.9	0.0	293.8	3	
9	55	-7	0	-0	0	0	0	2.5	0.7	0.0	0.0	3.2	2	

ASTA NUM. 205 NI 4066 NF 4065 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-622	-0	1	0	0	-2	204.6	65.6	0.6	0.0	270.2	3	
7	0	-97	-1	-1	0	-0	-0	32.0	5.0	0.8	0.0	37.0	3	
8	0	829	1	-1	0	-0	3	272.8	87.7	0.8	0.0	360.5	3	
9	0	79	2	1	0	0	0	26.1	1.4	1.2	0.0	27.5	3	
2	5	-622	-1	1	0	-0	-2	204.6	65.9	0.6	0.0	270.5	3	
7	5	-97	-1	-1	0	0	-0	32.0	6.6	0.8	0.0	38.5	3	
8	5	829	1	-1	0	0	3	272.8	88.3	0.8	0.0	361.1	3	
9	5	79	2	1	0	-0	0	26.1	3.6	1.2	0.0	29.7	3	
2	10	-622	-1	1	0	-0	-2	204.6	67.7	0.6	0.0	272.3	3	
7	10	-97	-1	-1	0	0	-0	32.0	9.0	0.9	0.0	41.0	3	
8	10	829	1	-1	0	0	3	272.8	90.8	0.8	0.0	363.6	3	
9	10	79	2	1	0	-0	0	26.1	7.1	1.2	0.0	33.2	3	

ASTA NUM. 194 NI 4065 NF 4192 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-622	-1	1	0	-0	-2	204.6	67.7	0.6	0.0	272.3	3	
7	0	-97	-1	-1	0	0	-0	32.0	9.0	0.9	0.0	41.0	3	
8	0	829	1	-1	0	0	3	272.8	90.8	0.8	0.0	363.6	3	
9	0	79	2	1	0	-0	0	26.1	7.1	1.2	0.0	33.2	3	
2	14	-622	-1	1	0	-0	-3	204.6	73.9	0.7	0.0	278.5	3	

7	14	-97	-1	-1	0	0	-0	31.9	16.0	1.0	0.0	47.9	3
8	14	829	1	-1	0	0	3	272.8	98.6	0.8	0.0	371.4	3
9	14	80	2	1	0	-0	0	26.2	16.6	1.1	0.0	42.8	3
2	27	-622	-1	1	0	-0	-3	204.5	80.4	0.7	0.0	284.9	3
7	27	-97	-1	-1	0	0	-1	31.9	23.4	1.0	0.0	55.2	3
8	27	830	1	-1	0	0	4	272.9	106.1	0.8	0.0	379.0	3
9	27	80	1	1	0	-0	1	26.2	25.9	1.1	0.0	52.1	3

ASTA NUM. 331 NI 4192 NF 4194 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm		kg			kg*m				kg/cmq				
2	0	-588	1	-5	0	-0	-3	193.3	76.2	3.5	0.0	269.5	3	
7	0	-248	-2	4	0	0	-1	81.7	25.5	3.0	0.0	107.2	3	
8	0	766	-2	6	0	0	3	252.0	100.7	4.6	0.0	352.7	3	
9	0	282	3	-6	0	-0	1	92.6	29.5	4.6	0.0	122.1	3	
2	14	-588	1	-5	0	0	-2	193.3	74.3	3.5	0.0	267.5	3	
7	14	-248	-2	4	0	-0	-1	81.7	36.4	3.0	0.0	118.1	3	
8	14	766	-2	6	0	-0	3	252.0	97.2	4.6	0.0	349.3	3	
9	14	282	3	-6	0	1	1	92.7	45.1	4.6	0.0	137.7	3	
2	27	-587	1	-5	0	1	-2	193.2	88.0	3.5	0.0	281.2	3	
7	27	-248	-2	4	0	-1	-1	81.6	59.8	3.0	0.0	141.4	3	
8	27	766	-2	6	0	-1	3	252.1	114.1	4.6	0.0	366.2	3	
9	27	282	3	-6	0	1	2	92.7	79.1	4.6	0.0	171.8	3	

ASTA NUM. 332 NI 4194 NF 4193 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm		kg			kg*m				kg/cmq				
2	0	-248	2	-5	0	-1	-1	81.4	62.3	3.4	0.0	143.7	3	
7	0	-584	-1	5	0	1	-2	192.0	85.4	3.3	0.0	277.4	3	
8	0	286	-3	6	0	1	2	94.0	78.8	4.6	0.0	172.7	3	
9	0	766	2	-7	0	-1	3	252.0	116.6	5.0	0.0	368.6	3	
2	14	-248	2	-5	0	-0	-1	81.4	37.0	3.4	0.0	118.4	3	
7	14	-584	-1	5	0	0	-2	192.0	72.8	3.3	0.0	264.9	3	
8	14	286	-3	6	0	0	1	94.0	44.5	4.6	0.0	138.5	3	
9	14	766	2	-7	0	-0	3	252.0	97.7	5.0	0.0	349.8	3	
2	27	-247	2	-5	0	0	-1	81.4	26.7	3.4	0.0	108.1	3	
7	27	-584	-1	5	0	-0	-3	192.0	76.9	3.3	0.0	268.9	3	
8	27	286	-3	6	0	-0	1	94.0	30.2	4.6	0.0	124.2	3	
9	27	766	2	-7	0	0	3	252.0	102.5	5.0	0.0	354.6	3	

ASTA NUM. 198 NI 4193 NF 3931 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm		kg			kg*m				kg/cmq				
2	0	-109	2	1	0	0	-1	35.8	24.9	1.1	0.0	60.7	3	
7	0	-633	1	-1	0	-0	-3	208.1	80.1	0.8	0.0	288.2	3	
8	0	95	-2	-1	0	-0	1	31.2	27.5	1.3	0.0	58.7	3	
9	0	843	-1	2	0	0	3	277.3	107.1	1.2	0.0	384.4	3	
2	14	-109	1	1	0	0	-0	35.8	15.6	1.1	0.0	51.4	3	
7	14	-633	1	-1	0	-0	-3	208.1	73.5	0.8	0.0	281.6	3	
8	14	95	-2	-1	0	-0	0	31.2	15.6	1.4	0.0	46.8	3	
9	14	843	-1	2	0	0	3	277.4	98.6	1.2	0.0	376.0	3	
2	27	-109	1	1	0	-0	-0	35.7	7.0	1.0	0.0	42.7	3	
7	27	-632	0	-1	0	0	-2	208.1	67.7	0.8	0.0	275.7	3	
8	27	95	-2	-1	0	0	0	31.2	3.7	1.4	0.0	35.0	3	
9	27	843	-1	2	0	-0	3	277.4	90.6	1.2	0.0	368.0	3	

ASTA NUM. 197 NI 3931 NF 3934 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg	kg*m	kg/cmq									
2 0	-27	1	-0	0	-0	-0	8.8	6.8	0.4	0.0	15.6	3
7 0	-482	2	0	0	0	-3	158.7	71.2	1.7	0.0	229.9	3
8 0	-2	-0	0	0	0	0	0.6	2.1	0.1	0.0	2.6	3
9 0	649	-3	-0	0	-0	3	213.6	94.2	1.9	0.0	307.8	3
2 5	-27	1	-0	0	-0	-0	8.8	6.0	0.4	0.0	14.8	3
7 5	-482	2	0	0	0	-2	158.7	68.1	1.7	0.0	226.8	3
8 5	-2	-0	0	0	0	0	0.5	1.9	0.1	0.0	2.4	3
9 5	649	-3	-0	0	-0	3	213.6	90.7	1.9	0.0	304.3	3
2 10	-27	0	-0	0	-0	-0	8.8	5.3	0.4	0.0	14.1	3
7 10	-482	2	0	0	0	-2	158.7	65.1	1.6	0.0	223.8	3
8 10	-2	-0	0	0	0	0	0.5	1.7	0.1	0.0	2.2	3
9 10	649	-3	-0	0	-0	3	213.6	87.2	1.9	0.0	300.8	3

ASTA NUM. 200 NI 3934 NF 3933 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg	kg*m	kg/cmq										
2 0	-27	0	-0	0	-0	-0	8.8	5.3	0.4	0.0	14.1	3		
7 0	-482	2	0	0	0	-2	158.7	65.1	1.5	0.0	223.8	3		
8 0	-2	-0	0	0	0	0	0.5	1.7	0.1	0.0	2.2	3		
9 0	649	-2	-0	0	-0	3	213.6	87.2	1.8	0.0	300.8	3		
2 27	-26	0	-0	0	-0	-0	8.7	2.2	0.2	0.0	10.9	3		
7 27	-482	2	0	0	0	-2	158.6	50.2	1.4	0.0	208.8	3		
8 27	-1	-0	0	0	0	-0	0.5	0.3	0.2	0.0	0.8	5		
9 27	650	-3	-0	0	-0	2	213.7	68.3	1.9	0.0	282.0	3		
2 55	-26	0	-0	0	0	-0	8.6	0.5	0.1	0.0	9.1	3		
7 55	-482	2	0	0	0	-1	158.5	36.5	1.3	0.0	195.0	3		
8 55	-1	-0	0	0	-0	-0	0.4	3.5	0.4	0.0	3.9	3		
9 55	650	-3	-0	0	-0	2	213.8	48.2	2.0	0.0	262.0	3		

ASTA NUM. 199 NI 3933 NF 3932 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg	kg*m	kg/cmq										
2 0	-3	0	0	0	0	0	-0	1.0	1.1	0.1	0.0	2.1	3	
7 0	-182	2	-0	0	0	0	-1	59.9	37.0	1.8	0.0	96.8	3	
8 0	-12	0	-0	0	0	-0	-0	3.9	2.4	0.2	0.0	6.4	3	
9 0	244	-3	0	0	-0	2	80.2	49.1	2.1	0.0	129.3	3		
2 27	-3	0	0	0	-0	0	0.9	0.0	0.0	0.0	1.0	2		
7 27	-182	2	-0	0	0	-1	59.8	19.9	1.6	0.0	79.7	3		
8 27	-12	0	-0	0	0	-0	-0	3.8	1.1	0.1	0.0	5.0	3	
9 27	244	-3	0	0	-0	1	80.3	27.2	2.2	0.0	107.5	3		
2 55	-3	-0	0	0	-0	-0	0.9	0.6	0.1	0.0	1.5	3		
7 55	-182	2	-0	0	0	-0	59.7	4.1	1.5	0.0	63.8	3		
8 55	-11	-0	-0	0	0	-0	-0	3.7	1.3	0.1	0.0	5.1	3	
9 55	244	-3	0	0	-0	0	80.4	4.1	2.4	0.0	84.5	3		

ASTA NUM. 196 NI 3932 NF 3930 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg	kg*m	kg/cmq										
2 0	2	-0	-0	0	-0	0	0	0.5	0.6	0.1	0.0	1.1	3	
7 0	-26	1	0	0	0	0	-0	8.4	4.4	0.8	0.0	12.8	3	
8 0	-9	0	0	0	0	0	-0	3.1	1.7	0.3	0.0	4.8	3	
9 0	29	-1	-0	0	-0	0	0	9.6	5.4	1.0	0.0	15.1	3	
2 5	2	-0	-0	0	-0	0	0	0.5	0.1	0.1	0.0	0.6	2	
7 5	-26	1	0	0	0	0	-0	8.4	2.9	0.7	0.0	11.3	3	
8 5	-9	0	0	0	0	0	-0	3.1	1.2	0.2	0.0	4.2	3	
9 5	29	-1	-0	0	-0	0	0	9.7	3.4	1.0	0.0	13.1	3	
2 10	2	-0	-0	0	0	0	0	0.5	0.0	0.1	0.0	0.6	2	
7 10	-25	1	0	0	0	0	-0	8.4	1.5	0.7	0.0	9.8	3	
8 10	-9	0	0	0	-0	-0	-0	3.1	0.6	0.2	0.0	3.7	3	
9 10	29	-1	-0	0	-0	0	0	9.7	1.4	1.0	0.0	11.0	3	

ASTA NUM. 195 NI 3930 NF 3929 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	0	0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2	
7	0	-10	0	-0	0	0	-0	3.3	1.9	0.2	0.0	5.1	3	
8	0	-7	0	-0	0	0	-0	2.2	1.2	0.1	0.0	3.4	3	
9	0	10	-0	0	0	-0	0	3.3	1.8	0.1	0.0	5.1	3	
2	14	2	-0	0	0	-0	0	0.7	0.3	0.0	0.0	1.0	3	
7	14	-10	0	-0	0	0	-0	3.2	1.1	0.1	0.0	4.3	3	
8	14	-7	0	-0	0	0	-0	2.2	0.7	0.1	0.0	2.9	3	
9	14	10	-0	0	0	-0	0	3.4	1.3	0.2	0.0	4.7	3	
2	27	2	-0	0	0	-0	0	0.7	0.1	0.1	0.0	0.8	2	
7	27	-10	0	-0	0	0	-0	3.2	0.7	0.1	0.0	3.8	3	
8	27	-6	0	-0	0	0	-0	2.1	0.6	0.0	0.0	2.7	3	
9	27	10	-0	0	0	-0	0	3.4	0.3	0.2	0.0	3.7	2	

ASTA NUM. 400 NI 3929 NF 3927 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	0	-0	0	-0	0	1.4	0.7	0.1	0.0	2.1	3	
7	0	-12	1	0	0	0	-0	3.9	3.1	0.5	0.0	7.0	3	
8	0	-9	0	0	0	0	-0	3.1	2.3	0.4	0.0	5.4	3	
9	0	14	-0	-0	0	-0	0	4.5	3.2	0.2	0.0	7.7	3	
2	14	5	-0	-0	0	-0	0	1.5	0.7	0.1	0.0	2.3	3	
7	14	-11	0	0	0	0	-0	3.8	1.2	0.3	0.0	5.0	3	
8	14	-9	0	0	0	0	-0	3.0	0.9	0.2	0.0	3.9	3	
9	14	14	-0	-0	0	-0	0	4.6	1.8	0.3	0.0	6.5	3	
2	27	5	-0	-0	0	0	0	1.7	0.0	0.3	0.0	1.7	2	
7	27	-11	0	0	0	-0	0	3.7	0.0	0.1	0.0	3.7	2	
8	27	-9	-0	0	0	-0	-0	2.9	0.4	0.0	0.0	3.3	3	
9	27	14	-1	-0	0	0	-0	4.7	0.4	0.5	0.0	5.1	3	

ASTA NUM. 403 NI 4111 NF 4110 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	11	1	-0	0	-0	0	3.7	0.0	0.4	0.0	3.8	2	
7	0	-5	0	0	0	0	0	1.8	0.0	0.1	0.0	1.8	2	
8	0	-17	-0	0	0	0	-0	5.6	0.5	0.1	0.0	6.1	3	
9	0	7	0	-0	0	-0	-0	2.2	0.3	0.3	0.0	2.5	5	
2	14	12	0	-0	0	0	0	3.8	1.5	0.2	0.0	5.3	3	
7	14	-5	-0	0	0	-0	-0	1.7	0.5	0.1	0.0	2.1	3	
8	14	-17	-0	0	0	-0	-0	5.5	1.8	0.3	0.0	7.3	3	
9	14	7	0	-0	0	0	0	2.3	1.0	0.2	0.0	3.3	3	
2	27	12	0	-0	0	0	0	3.9	2.2	0.0	0.0	6.1	3	
7	27	-5	-0	0	0	-0	-0	1.6	1.6	0.3	0.0	3.1	3	
8	27	-16	-1	0	0	-0	-0	5.4	4.0	0.5	0.0	9.4	3	
9	27	7	-0	-0	0	0	0	2.4	1.4	0.0	0.0	3.8	3	

ASTA NUM. 208 NI 4110 NF 4067 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	6	0	-0	0	0	0	2.0	0.5	0.1	0.0	2.5	3	
7	0	-5	0	0	0	-0	-0	1.5	0.3	0.0	0.0	1.9	3	
8	0	-11	-0	0	0	-0	-0	3.6	1.1	0.0	0.0	4.7	3	
9	0	4	0	-0	0	0	0	1.4	0.1	0.1	0.0	1.5	2	

2	14	6	0	-0	0	0	0	2.0	0.9	0.0	0.0	2.9	3
7	14	-4	-0	0	0	-0	-0	1.5	0.5	0.1	0.0	2.0	3
8	14	-11	-0	0	0	-0	-0	3.6	1.4	0.1	0.0	5.0	3
9	14	4	0	-0	0	0	0	1.4	0.7	0.1	0.0	2.1	3
2	27	6	-0	-0	0	0	0	2.1	0.9	0.0	0.0	3.0	3
7	27	-4	-0	0	0	-0	-0	1.4	1.1	0.1	0.0	2.5	3
8	27	-11	-0	0	0	-0	-0	3.5	2.0	0.1	0.0	5.6	3
9	27	4	-0	-0	0	0	0	1.4	0.8	0.0	0.0	2.3	3

ASTA NUM. 207 NI 4067 NF 4070 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-132	-2	-0	0	0	0	43.3	2.5	1.3	0.0	45.8	3	
7	0	-9	0	-0	0	-0	-0	3.1	1.2	0.1	0.0	4.3	3	
8	0	176	3	-0	0	-0	-0	57.9	5.4	2.1	0.0	63.3	3	
9	0	1	0	0	0	0	0	0.4	0.2	0.1	0.0	0.6	2	
2	5	-132	-2	-0	0	0	0	43.3	0.2	1.3	0.0	43.5	2	
7	5	-9	0	-0	0	-0	-0	3.1	1.0	0.1	0.0	4.1	3	
8	5	176	3	-0	0	-0	-0	57.9	1.5	2.1	0.0	59.4	3	
9	5	1	0	0	0	0	0	0.4	0.1	0.1	0.0	0.6	2	
2	10	-132	-2	-0	0	0	-0	43.3	2.6	1.3	0.0	45.9	3	
7	10	-9	0	-0	0	-0	-0	3.0	0.9	0.1	0.0	3.9	3	
8	10	176	3	-0	0	-0	0	57.9	2.9	2.1	0.0	60.8	3	
9	10	1	0	0	0	0	0	0.5	0.1	0.1	0.0	0.6	2	

ASTA NUM. 210 NI 4070 NF 4069 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-132	-2	-0	0	0	-0	43.3	2.6	1.4	0.0	45.9	3	
7	0	-9	0	-0	0	-0	-0	3.0	0.9	0.1	0.0	3.9	3	
8	0	176	3	-0	0	-0	0	57.9	2.9	2.1	0.0	60.8	3	
9	0	1	0	0	0	0	0	0.5	0.1	0.1	0.0	0.6	2	
2	27	-131	-2	-0	0	0	-1	43.2	17.0	1.5	0.0	60.2	3	
7	27	-9	-0	-0	0	0	-0	3.0	0.9	0.1	0.0	3.8	3	
8	27	176	3	-0	0	-0	1	58.0	23.5	2.0	0.0	81.5	3	
9	27	2	-0	0	0	0	0	0.5	0.4	0.0	0.0	1.0	3	
2	55	-131	-2	-0	0	0	-1	43.1	32.6	1.6	0.0	75.8	3	
7	55	-9	-0	-0	0	0	-0	2.9	2.3	0.2	0.0	5.2	3	
8	55	177	3	-0	0	-0	2	58.1	42.8	1.9	0.0	100.9	3	
9	55	2	-0	0	0	-0	-0	0.6	0.7	0.2	0.0	1.3	3	

ASTA NUM. 209 NI 4069 NF 4068 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-439	-2	-0	0	0	-1	144.5	32.6	1.5	0.0	177.1	3	
7	0	-12	0	0	0	0	-0	3.9	2.4	0.2	0.0	6.3	3	
8	0	595	3	0	0	-0	2	195.7	43.1	2.3	0.0	238.8	3	
9	0	-16	-0	-0	0	-0	0	5.1	0.1	0.1	0.0	5.3	2	
2	27	-439	-2	-0	0	0	-2	144.4	48.3	1.6	0.0	192.8	3	
7	27	-12	0	0	0	-0	-0	3.8	1.4	0.0	0.0	5.2	3	
8	27	595	3	0	0	-0	2	195.8	66.2	2.2	0.0	262.0	3	
9	27	-15	-0	-0	0	0	-0	5.1	1.7	0.2	0.0	6.7	3	
2	55	-439	-2	-0	0	0	-2	144.3	65.4	1.7	0.0	209.7	3	
7	55	-11	-0	0	0	-0	-0	3.8	1.9	0.1	0.0	5.7	3	
8	55	595	3	0	0	-0	3	195.9	88.0	2.0	0.0	283.9	3	
9	55	-15	-0	-0	0	0	-0	5.0	4.6	0.3	0.0	9.5	3	

ASTA NUM. 206 NI 4068 NF 4071 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-764	-4	1	0	0	-2	251.2	63.6	2.8	0.0	314.8	3
7	0	53	2	-1	0	-0	-0	17.6	4.9	1.5	0.0	22.4	3
8	0	1034	6	-1	0	-0	3	340.1	85.8	4.1	0.0	425.9	3
9	0	-133	-3	1	0	0	0	43.8	0.9	2.1	0.0	44.7	3
2	5	-764	-4	1	0	-0	-3	251.2	68.6	2.9	0.0	319.9	3
7	5	53	2	-1	0	0	-0	17.6	2.0	1.5	0.0	19.6	3
8	5	1034	6	-1	0	0	3	340.1	92.5	4.1	0.0	432.6	3
9	5	-133	-3	1	0	-0	-0	43.8	4.3	2.1	0.0	48.2	3
2	10	-764	-4	1	0	-0	-3	251.2	74.7	2.9	0.0	325.9	3
7	10	53	2	-1	0	0	0	17.6	3.0	1.5	0.0	20.6	3
8	10	1034	5	-1	0	0	4	340.1	101.5	4.0	0.0	441.6	3
9	10	-133	-3	1	0	-0	-0	43.8	9.6	2.2	0.0	53.4	3

ASTA NUM. 216 NI 4071 NF 4167 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	-764	-4	1	0	-0	-3	251.2	74.7	3.1	0.0	325.9	3	
7	0	53	2	-1	0	0	0	17.6	3.0	1.5	0.0	20.6	3	
8	0	1034	6	-1	0	0	4	340.1	101.5	4.4	0.0	441.6	3	
9	0	-133	-3	1	0	-0	-0	43.8	9.6	2.2	0.0	53.4	3	
2	14	-764	-4	1	0	-0	-3	251.2	92.8	3.2	0.0	344.0	3	
7	14	54	2	-1	0	0	0	17.6	13.7	1.4	0.0	31.3	3	
8	14	1034	6	-1	0	0	4	340.1	127.7	4.3	0.0	467.8	3	
9	14	-133	-3	1	0	-0	-1	43.8	24.4	2.3	0.0	68.2	3	
2	27	-764	-4	1	0	-0	-4	251.2	111.2	3.2	0.0	362.3	3	
7	27	54	2	-1	0	0	1	17.7	24.0	1.4	0.0	41.6	3	
8	27	1034	6	-1	0	0	5	340.1	153.5	4.3	0.0	493.7	3	
9	27	-133	-3	1	0	-0	-1	43.7	39.5	2.3	0.0	83.3	3	

ASTA NUM. 217 NI 4167 NF 4166 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	-1438	-26	-3	0	-0	-2	473.0	67.1	19.1	0.0	540.1	3	
7	0	476	22	6	0	0	-1	156.6	37.1	16.1	0.0	193.7	3	
8	0	1969	37	7	0	0	3	647.7	90.6	27.0	0.0	738.3	3	
9	0	-765	-31	-6	0	-0	1	251.8	42.3	23.2	0.0	294.0	3	
2	14	-1438	-26	-3	0	0	-6	473.0	164.5	19.1	0.0	637.5	3	
7	14	476	22	6	0	-0	2	156.7	65.2	16.1	0.0	221.9	3	
8	14	1969	37	7	0	-1	8	647.7	231.3	27.0	0.0	879.0	3	
9	14	-765	-32	-6	0	0	-3	251.7	96.8	23.3	0.0	348.6	3	
2	27	-1438	-26	-3	0	1	-9	473.0	272.9	19.2	0.0	746.0	3	
7	27	476	22	6	0	-1	5	156.7	167.3	16.0	0.0	324.0	3	
8	27	1969	36	7	0	-1	13	647.7	392.6	26.9	0.0	1040.3	3	
9	27	-765	-32	-6	0	1	-7	251.7	236.2	23.4	0.0	488.0	3	

ASTA NUM. 313 NI 4166 NF 3777 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	473	-22	-4	0	-1	5	155.7	156.0	16.0	0.0	311.7	3	
7	0	-1445	26	5	0	1	-9	475.3	286.4	19.3	0.0	761.7	3	
8	0	-770	32	8	0	2	-7	253.4	248.9	23.5	0.0	502.3	3	
9	0	1971	-37	-5	0	-1	13	648.4	383.2	27.0	0.0	1031.5	3	
2	14	474	-22	-4	0	-0	2	155.8	60.3	16.1	0.0	216.1	3	
7	14	-1445	26	5	0	0	-6	475.3	169.6	19.3	0.0	644.9	3	
8	14	-770	32	8	0	1	-3	253.4	101.3	23.4	0.0	354.7	3	
9	14	1971	-37	-5	0	-0	8	648.4	227.2	27.1	0.0	875.5	3	
2	27	474	-22	-4	0	0	-1	155.8	35.7	16.1	0.0	191.6	3	
7	27	-1445	26	5	0	-0	-2	475.3	70.1	19.2	0.0	545.4	3	
8	27	-770	32	8	0	-0	1	253.3	46.0	23.4	0.0	299.3	3	

9 27 1971 -37 -5 0 0 3 648.4 89.4 27.1 0.0 737.7 3

ASTA NUM. 314 NI 3777 NF 3937 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	67	-3	1	0	0	1	21.9	25.2	2.1	0.0	47.1	3	
7	0	-810	5	-1	0	-0	-4	266.5	116.1	3.7	0.0	382.6	3	
8	0	-158	4	-2	0	-0	-1	52.0	46.8	3.3	0.0	98.8	3	
9	0	1095	-7	1	0	0	5	360.2	155.0	5.0	0.0	515.2	3	
2	14	67	-3	1	0	0	0	21.9	11.1	2.1	0.0	33.0	3	
7	14	-810	5	-1	0	-0	-3	266.5	93.0	3.7	0.0	359.5	3	
8	14	-158	4	-2	0	-0	-1	51.9	23.7	3.2	0.0	75.6	3	
9	14	1095	-7	1	0	0	4	360.2	124.9	5.0	0.0	485.1	3	
2	27	67	-3	1	0	0	-0	22.0	3.5	2.2	0.0	25.5	3	
7	27	-810	5	-1	0	0	-3	266.4	71.1	3.6	0.0	337.5	3	
8	27	-158	4	-2	0	0	-0	51.9	1.6	3.2	0.0	53.5	5	
9	27	1095	-7	1	0	-0	3	360.2	94.9	5.1	0.0	455.1	3	

ASTA NUM. 213 NI 3937 NF 3936 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	-0	0	-0	-0	2.9	0.3	0.0	0.0	3.2	3	
7	0	-470	3	0	0	0	-3	154.8	73.0	1.9	0.0	227.8	3	
8	0	-24	1	0	0	0	-0	7.7	6.9	0.4	0.0	14.6	3	
9	0	636	-3	0	0	-0	4	209.2	97.0	2.3	0.0	306.2	3	
2	5	-9	0	-0	0	0	0	2.9	0.0	0.0	0.0	2.9	2	
7	5	-470	3	0	0	0	-3	154.8	69.5	1.9	0.0	224.2	3	
8	5	-23	1	0	0	0	-0	7.7	6.1	0.4	0.0	13.8	3	
9	5	636	-3	0	0	-0	3	209.2	92.8	2.3	0.0	302.0	3	
2	10	-9	0	-0	0	0	0	2.9	0.0	0.0	0.0	2.9	2	
7	10	-470	3	0	0	0	-2	154.7	66.0	1.9	0.0	220.7	3	
8	10	-23	1	0	0	0	-0	7.7	5.3	0.4	0.0	13.0	3	
9	10	636	-3	0	0	-0	3	209.2	88.6	2.3	0.0	297.9	3	

ASTA NUM. 211 NI 3936 NF 3935 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	-0	0	0	0	2.9	0.0	0.0	0.0	2.9	2	
7	0	-470	2	0	0	0	-2	154.7	66.0	1.8	0.0	220.7	3	
8	0	-23	1	0	0	0	-0	7.7	5.3	0.4	0.0	13.0	3	
9	0	636	-3	0	0	-0	3	209.2	88.6	2.2	0.0	297.9	3	
2	27	-8	-0	-0	0	0	-0	2.8	0.9	0.1	0.0	3.7	3	
7	27	-470	2	0	0	0	-2	154.7	48.5	1.7	0.0	203.1	3	
8	27	-23	0	0	0	0	-0	7.6	1.8	0.3	0.0	9.4	3	
9	27	636	-3	0	0	-0	2	209.3	66.2	2.3	0.0	275.5	3	
2	55	-8	-0	-0	0	0	-0	2.7	2.8	0.2	0.0	5.5	3	
7	55	-470	2	0	0	0	-1	154.6	32.2	1.5	0.0	186.8	3	
8	55	-23	0	0	0	-0	0	7.6	0.2	0.1	0.0	7.8	2	
9	55	637	-3	0	0	-0	2	209.4	42.5	2.4	0.0	251.9	3	

ASTA NUM. 212 NI 3935 NF 3938 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	0	-0	3.3	2.2	0.2	0.0	5.6	3	
7	0	-156	2	-0	0	0	-1	51.2	32.2	1.6	0.0	83.5	3	
8	0	1	0	-0	0	-0	0	0.3	0.3	0.1	0.0	0.6	2	
9	0	209	-3	0	0	-0	2	68.7	42.9	1.9	0.0	111.7	3	

2	27	-10	0	0	0	-0	-0	3.3	0.9	0.1	0.0	4.2	3
7	27	-155	2	-0	0	0	-1	51.1	17.0	1.5	0.0	68.2	3
8	27	1	-0	-0	0	0	0	0.4	0.4	0.0	0.0	0.8	3
9	27	209	-3	0	0	-0	1	68.8	23.5	2.0	0.0	92.2	3
2	55	-10	-0	0	0	-0	-0	3.2	1.1	0.1	0.0	4.3	3
7	55	-155	2	-0	0	0	-0	51.1	3.1	1.3	0.0	54.2	3
8	55	1	-0	-0	0	0	-0	0.5	0.6	0.1	0.0	1.1	3
9	55	209	-3	0	0	-0	0	68.8	2.7	2.1	0.0	71.6	3

ASTA NUM. 214 NI 3938 NF 3940 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	-0	0	-0	-0	2.3	1.2	0.2	0.0	3.6	3	
7	0	-2	0	0	0	0	-0	0.6	0.6	0.1	0.0	1.3	3	
8	0	5	-0	0	0	0	0	1.7	1.3	0.2	0.0	2.9	3	
9	0	-2	-0	-0	0	-0	0	0.7	0.4	0.1	0.0	1.1	2	
2	5	-7	0	-0	0	-0	-0	2.3	0.8	0.2	0.0	3.2	3	
7	5	-2	0	0	0	0	0	0.6	0.2	0.1	0.0	0.8	2	
8	5	5	-0	0	0	0	0	1.7	0.7	0.2	0.0	2.4	3	
9	5	-2	-0	-0	0	-0	0	0.7	0.2	0.1	0.0	0.9	2	
2	10	-7	0	-0	0	0	-0	2.3	0.5	0.1	0.0	2.8	3	
7	10	-2	0	0	0	0	0	0.6	0.0	0.1	0.0	0.6	5	
8	10	5	-0	0	0	-0	0	1.7	0.0	0.2	0.0	1.8	2	
9	10	-2	-0	-0	0	-0	-0	0.7	0.4	0.1	0.0	1.2	3	

ASTA NUM. 215 NI 3940 NF 3939 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	0	0	-0	-0	1.5	0.9	0.1	0.0	2.4	3	
7	0	7	-0	-0	0	0	0	2.2	1.1	0.0	0.0	3.3	3	
8	0	4	0	-0	0	0	0	1.3	0.7	0.0	0.0	2.0	3	
9	0	-12	0	0	0	-0	-0	4.0	2.1	0.2	0.0	6.2	3	
2	14	-5	0	0	0	-0	-0	1.5	0.5	0.1	0.0	2.0	3	
7	14	7	-0	-0	0	0	0	2.2	0.9	0.1	0.0	3.2	3	
8	14	4	-0	-0	0	0	0	1.4	0.6	0.1	0.0	2.0	3	
9	14	-12	0	0	0	-0	-0	4.0	1.4	0.1	0.0	5.4	3	
2	27	-4	-0	0	0	-0	-0	1.5	0.4	0.0	0.0	1.9	3	
7	27	7	-0	-0	0	0	0	2.3	0.2	0.1	0.0	2.5	2	
8	27	4	-0	-0	0	0	0	1.4	0.1	0.1	0.0	1.6	2	
9	27	-12	0	0	0	-0	-0	3.9	1.0	0.1	0.0	4.9	3	

ASTA NUM. 401 NI 3939 NF 3928 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	-0	0	-0	-0	1.9	1.6	0.3	0.0	3.4	3	
7	0	11	-0	0	0	0	0	3.6	2.3	0.1	0.0	5.9	3	
8	0	7	0	0	0	0	0	2.2	1.4	0.0	0.0	3.6	3	
9	0	-17	1	-0	0	-0	-0	5.6	4.1	0.5	0.0	9.8	3	
2	14	-5	0	-0	0	-0	-0	1.7	0.5	0.1	0.0	2.2	3	
7	14	11	-0	0	0	0	0	3.7	1.5	0.2	0.0	5.2	3	
8	14	7	-0	0	0	0	0	2.3	1.0	0.2	0.0	3.3	3	
9	14	-17	0	-0	0	-0	-0	5.5	1.8	0.3	0.0	7.3	3	
2	27	-5	-0	-0	0	0	0	1.6	0.0	0.1	0.0	1.6	2	
7	27	12	-1	0	0	-0	0	3.8	0.0	0.4	0.0	3.9	2	
8	27	7	-0	0	0	-0	-0	2.4	0.3	0.3	0.0	2.7	3	
9	27	-16	0	-0	0	0	-0	5.4	0.4	0.2	0.0	5.8	3	

ASTA NUM. 406 NI 4117 NF 4116 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	10	1	0	0	0	-0	3.3	0.4	0.4	0.0	3.7	3	
7	0	-7	0	-0	0	-0	-0	2.4	0.5	0.1	0.0	2.8	3	
8	0	-15	-0	-0	0	-0	0	5.1	0.0	0.2	0.0	5.1	2	
9	0	9	0	0	0	0	0	3.1	0.0	0.3	0.0	3.1	2	
2	14	10	0	0	0	-0	0	3.4	1.4	0.2	0.0	4.8	3	
7	14	-7	-0	-0	0	0	-0	2.2	0.7	0.1	0.0	2.9	3	
8	14	-15	-0	-0	0	0	-0	4.9	1.6	0.4	0.0	6.6	3	
9	14	10	0	0	0	-0	0	3.2	1.3	0.1	0.0	4.5	3	
2	27	11	0	0	0	-0	0	3.6	2.2	0.1	0.0	5.7	3	
7	27	-6	-0	-0	0	0	-0	2.1	1.8	0.3	0.0	3.9	3	
8	27	-15	-1	-0	0	0	-0	4.8	4.0	0.5	0.0	8.8	3	
9	27	10	-0	0	0	-0	0	3.3	1.7	0.0	0.0	5.0	3	

ASTA NUM. 227 NI 4116 NF 4074 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	7	0	-0	0	-0	0	2.2	0.2	0.1	0.0	2.3	2	
7	0	-5	0	0	0	0	-0	1.7	0.5	0.0	0.0	2.2	3	
8	0	-12	-0	0	0	0	-0	3.9	0.9	0.1	0.0	4.8	3	
9	0	5	0	-0	0	-0	0	1.6	0.1	0.1	0.0	1.8	2	
2	14	7	0	-0	0	-0	0	2.2	0.9	0.1	0.0	3.1	3	
7	14	-5	-0	0	0	0	-0	1.6	0.6	0.1	0.0	2.2	3	
8	14	-12	-0	0	0	0	-0	3.8	1.4	0.1	0.0	5.2	3	
9	14	5	0	-0	0	-0	0	1.7	0.7	0.1	0.0	2.4	3	
2	27	7	0	-0	0	-0	0	2.2	1.0	0.0	0.0	3.3	3	
7	27	-5	-0	0	0	0	-0	1.6	1.0	0.1	0.0	2.6	3	
8	27	-11	-0	0	0	0	-0	3.8	2.1	0.2	0.0	5.9	3	
9	27	5	-0	-0	0	-0	0	1.7	0.7	0.0	0.0	2.5	3	

ASTA NUM. 228 NI 4074 NF 4073 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-2	-0	0	0	-0	0	0.6	0.0	0.1	0.0	0.6	5	
7	0	-8	-0	-0	0	-0	-0	2.5	0.6	0.1	0.0	3.1	1	
8	0	-2	0	-0	0	0	-0	0.7	0.4	0.1	0.0	1.1	3	
9	0	6	0	0	0	-0	0	2.0	0.0	0.2	0.0	2.0	2	
2	5	-2	-0	0	0	-0	0	0.6	0.2	0.1	0.0	0.8	2	
7	5	-8	-0	-0	0	0	-0	2.5	0.9	0.2	0.0	3.4	3	
8	5	-2	0	-0	0	0	0	0.7	0.2	0.1	0.0	0.9	2	
9	5	6	0	0	0	-0	0	2.0	0.8	0.2	0.0	2.8	3	
2	10	-2	-0	0	0	-0	-0	0.6	0.6	0.1	0.0	1.2	3	
7	10	-7	-0	-0	0	0	-0	2.5	1.4	0.2	0.0	3.8	3	
8	10	-2	0	-0	0	0	0	0.6	0.4	0.1	0.0	1.1	2	
9	10	6	0	0	0	-0	0	2.0	1.3	0.2	0.0	3.4	3	

ASTA NUM. 225 NI 4073 NF 4072 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-156	-2	-0	0	-0	-0	51.4	3.1	1.3	0.0	54.5	3	
7	0	-10	0	0	0	0	-0	3.3	1.2	0.1	0.0	4.5	3	
8	0	210	3	0	0	0	0	69.1	2.9	2.1	0.0	72.0	3	
9	0	1	0	-0	0	-0	0	0.4	0.3	0.1	0.0	0.7	2	
2	27	-156	-2	-0	0	-0	-1	51.3	17.1	1.5	0.0	68.5	3	
7	27	-10	-0	0	0	-0	-0	3.2	0.9	0.1	0.0	4.2	3	
8	27	210	3	0	0	0	1	69.2	23.5	2.0	0.0	92.7	3	
9	27	2	0	-0	0	-0	0	0.5	0.4	0.0	0.0	0.9	3	
2	55	-156	-2	-0	0	-0	-1	51.3	32.4	1.6	0.0	83.7	3	
7	55	-10	-0	0	0	-0	-0	3.2	2.3	0.2	0.0	5.5	3	

8 55 211 3 0 0 -0 2 69.3 42.9 1.9 0.0 112.2 3
 9 55 2 -0 -0 0 0 0 0.6 0.2 0.1 0.0 0.8 2

ASTA NUM. 226 NI 4072 NF 4076 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-440	-2	0	0	-0	-1	144.8	32.6	1.5	0.0	177.4	3	
7	0	-13	0	-0	0	-0	-0	4.1	2.5	0.2	0.0	6.6	3	
8	0	596	3	-0	0	-0	2	196.1	43.1	2.3	0.0	239.2	3	
9	0	-15	-0	0	0	0	0	4.8	0.2	0.1	0.0	5.0	2	
2	27	-440	-2	0	0	-0	-2	144.7	48.4	1.6	0.0	193.1	3	
7	27	-12	0	-0	0	0	-0	4.1	1.4	0.0	0.0	5.5	3	
8	27	596	3	-0	0	0	2	196.2	66.3	2.2	0.0	262.4	3	
9	27	-14	-0	0	0	-0	-0	4.7	1.5	0.2	0.0	6.3	3	
2	55	-440	-2	0	0	-0	-2	144.6	65.5	1.7	0.0	210.1	3	
7	55	-12	-0	-0	0	0	-0	4.0	2.1	0.1	0.0	6.1	3	
8	55	597	3	-0	0	0	3	196.2	88.2	2.1	0.0	284.4	3	
9	55	-14	-0	0	0	-0	-0	4.7	4.5	0.3	0.0	9.1	3	

ASTA NUM. 229 NI 4076 NF 4075 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-765	-4	-1	0	-0	-2	251.7	63.7	2.8	0.0	315.4	3	
7	0	52	2	1	0	0	-0	17.1	5.0	1.5	0.0	22.1	3	
8	0	1036	6	1	0	0	3	340.8	85.9	4.1	0.0	426.7	3	
9	0	-131	-3	-1	0	-0	0	43.2	1.1	2.1	0.0	44.3	3	
2	5	-765	-4	-1	0	0	-3	251.7	68.7	2.9	0.0	320.4	3	
7	5	52	2	1	0	-0	-0	17.1	2.1	1.5	0.0	19.2	3	
8	5	1036	6	1	0	-0	3	340.8	92.6	4.1	0.0	433.4	3	
9	5	-131	-3	-1	0	0	-0	43.2	4.1	2.1	0.0	47.3	3	
2	10	-765	-4	-1	0	0	-3	251.7	74.8	2.9	0.0	326.5	3	
7	10	52	2	1	0	-0	0	17.1	2.9	1.5	0.0	20.0	3	
8	10	1036	6	1	0	-0	4	340.8	101.7	4.1	0.0	442.4	3	
9	10	-131	-3	-1	0	0	-0	43.2	9.4	2.1	0.0	52.5	3	

ASTA NUM. 218 NI 4075 NF 4195 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-765	-4	-1	0	0	-3	251.7	74.8	3.1	0.0	326.5	3	
7	0	52	2	1	0	-0	0	17.1	2.9	1.5	0.0	20.0	3	
8	0	1036	6	1	0	-0	4	340.8	101.7	4.4	0.0	442.4	3	
9	0	-131	-3	-1	0	0	-0	43.2	9.4	2.2	0.0	52.5	3	
2	14	-765	-4	-1	0	0	-3	251.6	92.9	3.2	0.0	344.5	3	
7	14	52	2	1	0	-0	0	17.2	13.5	1.4	0.0	30.7	3	
8	14	1036	6	1	0	-0	4	340.8	127.8	4.3	0.0	468.6	3	
9	14	-131	-3	-1	0	0	-1	43.1	24.2	2.3	0.0	67.3	3	
2	27	-765	-4	-1	0	0	-4	251.6	111.2	3.2	0.0	362.8	3	
7	27	52	2	1	0	-0	1	17.2	23.9	1.4	0.0	41.1	3	
8	27	1036	6	1	0	-0	5	340.8	153.7	4.3	0.0	494.5	3	
9	27	-131	-3	-1	0	0	-1	43.1	39.3	2.3	0.0	82.4	3	

ASTA NUM. 333 NI 4195 NF 4197 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1440	-26	3	0	0	-2	473.7	67.2	19.1	0.0	540.9	3	
7	0	474	22	-6	0	-0	-1	155.8	37.4	16.1	0.0	193.1	3	
8	0	1972	37	-7	0	-0	3	648.7	90.7	27.1	0.0	739.4	3	

9	0	-762	-31	6	0	0	1	250.6	42.7	23.2	0.0	293.2	3
2	14	-1440	-26	3	0	-0	-6	473.7	164.5	19.1	0.0	638.2	3
7	14	474	22	-6	0	0	2	155.8	65.2	16.0	0.0	221.0	3
8	14	1972	37	-7	0	1	8	648.7	231.5	27.0	0.0	880.2	3
9	14	-762	-32	6	0	-0	-3	250.5	96.7	23.3	0.0	347.2	3
2	27	-1440	-26	3	0	-1	-9	473.7	272.8	19.2	0.0	746.4	3
7	27	474	22	-6	0	1	5	155.9	167.4	16.0	0.0	323.2	3
8	27	1972	36	-7	0	1	13	648.7	392.5	26.9	0.0	1041.2	3
9	27	-762	-32	6	0	-1	-7	250.5	236.4	23.3	0.0	486.9	3

ASTA NUM. 334 NI 4197 NF 4196 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	472	-22	4	0	1	5	155.2	155.5	16.0	0.0	310.7	3	
7	0	-1447	26	-5	0	-1	-9	476.0	287.0	19.3	0.0	763.0	3	
8	0	-768	32	-8	0	-2	-7	252.6	248.2	23.5	0.0	500.7	3	
9	0	1973	-37	5	0	1	13	649.0	383.8	27.0	0.0	1032.8	3	
2	14	472	-22	4	0	0	2	155.2	60.0	16.0	0.0	215.2	3	
7	14	-1447	26	-5	0	-0	-6	476.0	169.8	19.3	0.0	645.8	3	
8	14	-768	32	-8	0	-1	-3	252.5	100.8	23.4	0.0	353.3	3	
9	14	1973	-37	5	0	0	8	649.0	227.4	27.1	0.0	876.4	3	
2	27	472	-22	4	0	-0	-1	155.3	35.9	16.1	0.0	191.1	3	
7	27	-1447	26	-5	0	0	-2	476.0	70.7	19.2	0.0	546.7	3	
8	27	-768	32	-8	0	0	1	252.5	46.3	23.3	0.0	298.8	3	
9	27	1973	-37	5	0	-0	3	649.0	90.1	27.1	0.0	739.1	3	

ASTA NUM. 222 NI 4196 NF 3943 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	65	-3	-1	0	-0	1	21.5	25.0	2.1	0.0	46.5	3	
7	0	-813	5	1	0	0	-4	267.3	116.5	3.7	0.0	383.8	3	
8	0	-156	4	2	0	0	-1	51.4	46.6	3.3	0.0	98.1	3	
9	0	1098	-7	-1	0	-0	5	361.2	155.5	4.9	0.0	516.7	3	
2	14	66	-3	-1	0	-0	0	21.6	10.7	2.1	0.0	32.3	3	
7	14	-813	5	1	0	0	-3	267.3	92.9	3.6	0.0	360.2	3	
8	14	-156	4	2	0	0	-1	51.4	23.0	3.2	0.0	74.5	3	
9	14	1098	-7	-1	0	-0	4	361.2	125.0	5.0	0.0	486.1	3	
2	27	66	-3	-1	0	0	-0	21.6	3.8	2.2	0.0	25.5	3	
7	27	-812	5	1	0	-0	-3	267.3	72.7	3.5	0.0	340.0	3	
8	27	-156	4	2	0	-0	-0	51.4	2.5	3.1	0.0	53.9	3	
9	27	1098	-7	-1	0	0	4	361.2	96.7	5.0	0.0	457.9	3	

ASTA NUM. 221 NI 3943 NF 3946 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	8	0	0	0	0	0	2.5	1.2	0.2	0.0	3.7	3	
7	0	-634	-0	-1	0	-0	-3	208.6	70.8	0.5	0.0	279.4	3	
8	0	-60	-0	-1	0	-0	-0	19.6	7.9	0.6	0.0	27.5	3	
9	0	857	0	1	0	0	3	281.9	95.0	0.5	0.0	376.9	3	
2	5	8	0	0	0	0	0	2.5	0.9	0.2	0.0	3.4	3	
7	5	-634	-0	-1	0	-0	-3	208.6	70.2	0.5	0.0	278.7	3	
8	5	-60	-0	-1	0	-0	-0	19.6	7.0	0.6	0.0	26.6	3	
9	5	857	0	1	0	0	3	281.9	94.5	0.5	0.0	376.4	3	
2	10	8	-0	0	0	-0	0	2.5	1.2	0.2	0.0	3.7	3	
7	10	-634	-0	-1	0	0	-3	208.6	70.5	0.5	0.0	279.1	3	
8	10	-60	-0	-1	0	0	-0	19.6	7.2	0.6	0.0	26.8	3	
9	10	857	0	1	0	-0	3	281.9	95.3	0.5	0.0	377.2	3	

ASTA NUM. 224 NI 3946 NF 3945 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-13	0	-0	0	-0	-0	4.2	1.9	0.1	0.0	6.1	3	
7	0	-441	2	0	0	0	-2	145.0	65.4	1.7	0.0	210.4	3	
8	0	-15	0	0	0	0	-0	5.0	4.6	0.3	0.0	9.6	3	
9	0	596	-3	-0	0	-0	3	196.2	87.5	2.0	0.0	283.7	3	
2	27	-13	-0	-0	0	-0	-0	4.1	1.4	0.0	0.0	5.5	3	
7	27	-441	2	0	0	0	-2	144.9	48.2	1.6	0.0	193.1	3	
8	27	-15	0	0	0	0	-0	4.9	1.7	0.2	0.0	6.6	3	
9	27	597	-3	-0	0	-0	2	196.2	65.8	2.2	0.0	262.0	3	
2	55	-12	-0	-0	0	0	-0	4.0	2.3	0.2	0.0	6.3	3	
7	55	-440	2	0	0	-0	-1	144.8	33.0	1.5	0.0	177.8	3	
8	55	-15	0	0	0	-0	0	4.8	0.1	0.1	0.0	5.0	2	
9	55	597	-3	-0	0	0	2	196.3	43.8	2.3	0.0	240.1	3	

ASTA NUM. 223 NI 3945 NF 3944 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	-0	0	0	-0	3.5	2.2	0.2	0.0	5.7	3	
7	0	-156	2	-0	0	-0	-1	51.3	32.5	1.6	0.0	83.9	3	
8	0	2	0	0	0	-0	0	0.5	0.1	0.1	0.0	0.7	2	
9	0	210	-3	0	0	0	2	68.9	43.3	1.9	0.0	112.2	3	
2	27	-10	0	-0	0	0	-0	3.4	1.0	0.1	0.0	4.4	3	
7	27	-156	2	-0	0	-0	-1	51.3	17.2	1.5	0.0	68.4	3	
8	27	2	-0	0	0	-0	0	0.6	0.6	0.0	0.0	1.2	3	
9	27	210	-3	0	0	0	1	69.0	23.6	2.0	0.0	92.6	3	
2	55	-10	-0	-0	0	0	-0	3.3	1.1	0.1	0.0	4.4	3	
7	55	-156	2	-0	0	-0	-0	51.2	3.0	1.3	0.0	54.2	3	
8	55	2	-0	0	0	-0	0	0.7	0.2	0.1	0.0	0.9	2	
9	55	210	-3	0	0	0	0	69.0	2.7	2.1	0.0	71.7	3	

ASTA NUM. 220 NI 3944 NF 3942 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	0	0	0	0	-0	2.5	1.2	0.2	0.0	3.7	3	
7	0	-2	0	-0	0	-0	-0	0.8	0.6	0.1	0.0	1.4	3	
8	0	6	-0	-0	0	-0	0	1.9	1.2	0.2	0.0	3.1	3	
9	0	-2	-0	0	0	0	0	0.5	0.3	0.1	0.0	0.8	2	
2	5	-8	0	0	0	0	-0	2.5	0.9	0.1	0.0	3.4	3	
7	5	-2	0	-0	0	-0	0	0.8	0.1	0.1	0.0	0.9	2	
8	5	6	-0	-0	0	-0	0	1.9	0.7	0.2	0.0	2.7	3	
9	5	-2	-0	0	0	0	0	0.5	0.1	0.1	0.0	0.6	2	
2	10	-8	0	0	0	-0	-0	2.5	0.6	0.1	0.0	3.0	1	
7	10	-2	0	-0	0	-0	0	0.8	0.0	0.0	0.0	0.8	2	
8	10	6	-0	-0	0	-0	0	1.9	0.0	0.2	0.0	2.0	2	
9	10	-1	-0	0	0	0	-0	0.5	0.4	0.1	0.0	0.8	3	

ASTA NUM. 219 NI 3942 NF 3941 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	-0	0	0	-0	1.7	0.9	0.1	0.0	2.7	3	
7	0	6	-0	0	0	-0	0	2.0	1.0	0.0	0.0	3.1	3	
8	0	5	0	0	0	-0	0	1.6	0.7	0.0	0.0	2.3	3	
9	0	-11	0	-0	0	0	-0	3.8	2.1	0.2	0.0	5.8	3	
2	14	-5	0	-0	0	0	-0	1.7	0.6	0.1	0.0	2.2	3	
7	14	6	-0	0	0	-0	0	2.1	0.9	0.1	0.0	2.9	3	
8	14	5	-0	0	0	-0	0	1.6	0.7	0.1	0.0	2.3	3	
9	14	-11	0	-0	0	0	-0	3.7	1.3	0.1	0.0	5.1	3	
2	27	-5	-0	-0	0	0	-0	1.6	0.5	0.0	0.0	2.1	3	

7	27	6	-0	0	0	-0	0	2.1	0.2	0.1	0.0	2.3	2
8	27	5	-0	0	0	-0	0	1.7	0.1	0.1	0.0	1.8	2
9	27	-11	0	-0	0	0	-0	3.7	0.9	0.1	0.0	4.6	3

ASTA NUM. 398 NI 3941 NF 3867 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	0	0	0	-0	2.4	1.8	0.3	0.0	4.2	3	
7	0	10	-0	-0	0	-0	0	3.2	2.2	0.1	0.0	5.3	3	
8	0	9	0	-0	0	-0	0	3.0	1.7	0.0	0.0	4.7	3	
9	0	-15	1	0	0	0	-0	5.0	3.9	0.5	0.0	8.9	3	
2	14	-7	0	0	0	0	-0	2.3	0.7	0.1	0.0	3.0	3	
7	14	10	-0	-0	0	-0	0	3.3	1.3	0.2	0.0	4.6	3	
8	14	10	-0	-0	0	-0	0	3.1	1.3	0.2	0.0	4.4	3	
9	14	-15	0	0	0	0	-0	4.8	1.6	0.3	0.0	6.4	3	
2	27	-7	-0	0	0	-0	-0	2.2	0.5	0.1	0.0	2.7	3	
7	27	10	-1	-0	0	0	-0	3.4	0.4	0.4	0.0	3.8	3	
8	27	10	-0	-0	0	0	0	3.3	0.0	0.3	0.0	3.3	2	
9	27	-14	0	0	0	-0	0	4.7	0.0	0.2	0.0	4.7	2	

ASTA NUM. 405 NI 4115 NF 4114 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	-0	0	0	0	0	3.9	0.0	0.1	0.0	3.9	2	
7	0	4	0	-0	0	-0	0	1.4	0.0	0.3	0.0	1.5	2	
8	0	14	1	-0	0	-0	0	4.7	0.0	0.5	0.0	4.8	2	
9	0	-9	0	0	0	0	-0	2.9	0.3	0.0	0.0	3.2	1	
2	14	-12	-0	0	0	-0	-0	3.8	1.2	0.3	0.0	5.0	3	
7	14	5	0	-0	0	0	0	1.5	0.7	0.1	0.0	2.2	3	
8	14	15	0	-0	0	0	0	4.8	1.9	0.3	0.0	6.8	3	
9	14	-8	-0	0	0	-0	-0	2.8	0.8	0.2	0.0	3.6	3	
2	27	-11	-1	0	0	-0	-0	3.7	3.1	0.4	0.0	6.8	3	
7	27	5	-0	-0	0	0	0	1.6	0.7	0.1	0.0	2.3	3	
8	27	15	0	-0	0	0	0	4.9	3.2	0.1	0.0	8.2	3	
9	27	-8	-0	0	0	-0	-0	2.6	2.3	0.4	0.0	4.9	3	

ASTA NUM. 232 NI 4114 NF 4077 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	-0	-0	0	-0	-0	3.2	0.6	0.1	0.0	3.8	3	
7	0	2	0	0	0	0	0	0.6	0.1	0.1	0.0	0.7	2	
8	0	10	0	0	0	0	0	3.4	0.2	0.2	0.0	3.6	2	
9	0	-6	-0	-0	0	-0	-0	2.1	0.5	0.0	0.0	2.7	3	
2	14	-10	-0	-0	0	-0	-0	3.2	1.1	0.1	0.0	4.3	3	
7	14	2	0	0	0	0	0	0.7	0.3	0.0	0.0	1.0	3	
8	14	10	0	0	0	0	0	3.4	1.3	0.2	0.0	4.7	3	
9	14	-6	-0	-0	0	-0	-0	2.1	0.7	0.1	0.0	2.8	3	
2	27	-10	-0	-0	0	-0	-0	3.1	1.9	0.2	0.0	5.0	3	
7	27	2	-0	0	0	0	0	0.7	0.0	0.0	0.0	0.7	2	
8	27	10	0	0	0	0	0	3.5	1.8	0.1	0.0	5.3	3	
9	27	-6	-0	-0	0	-0	-0	2.0	1.2	0.1	0.0	3.3	3	

ASTA NUM. 231 NI 4077 NF 4080 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-26	-1	0	0	-0	-0	8.4	1.4	0.7	0.0	9.9	3	
7	0	2	0	-0	0	0	0	0.6	0.0	0.1	0.0	0.6	2	

8	0	30	1	-0	0	0	0	9.8	1.4	1.0	0.0	11.2	3
9	0	-9	-0	0	0	-0	-0	3.1	0.6	0.2	0.0	3.7	3
2	5	-26	-1	0	0	-0	-0	8.4	3.0	0.7	0.0	11.4	3
7	5	2	0	-0	0	0	0	0.6	0.1	0.1	0.0	0.7	2
8	5	30	1	-0	0	0	0	9.8	3.5	1.0	0.0	13.3	3
9	5	-9	-0	0	0	-0	-0	3.1	1.2	0.2	0.0	4.2	3
2	10	-26	-1	0	0	-0	-0	8.4	4.5	0.8	0.0	12.9	3
7	10	2	0	-0	0	0	0	0.6	0.6	0.1	0.0	1.2	3
8	10	30	1	-0	0	0	0	9.8	5.5	1.0	0.0	15.4	3
9	10	-9	-0	0	0	-0	-0	3.0	1.8	0.3	0.0	4.8	3

ASTA NUM. 234 NI 4080 NF 4079 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-182	-2	-0	0	-0	-0	59.7	4.1	1.5	0.0	63.8	3	
7	0	-3	0	0	0	0	-0	1.1	0.6	0.1	0.0	1.7	3	
8	0	244	3	0	0	0	0	80.1	4.1	2.4	0.0	84.3	3	
9	0	-11	0	-0	0	-0	-0	3.6	1.3	0.1	0.0	4.9	3	
2	27	-181	-2	-0	0	-0	-1	59.7	19.8	1.6	0.0	79.5	3	
7	27	-3	-0	0	0	0	0	1.0	0.0	0.0	0.0	1.1	2	
8	27	244	3	0	0	0	1	80.2	27.2	2.2	0.0	107.4	3	
9	27	-11	-0	-0	0	-0	-0	3.5	1.0	0.1	0.0	4.6	3	
2	55	-181	-2	-0	0	-0	-1	59.6	36.8	1.8	0.0	96.4	3	
7	55	-3	-0	0	0	-0	-0	0.9	1.2	0.2	0.0	2.1	3	
8	55	244	3	0	0	0	2	80.3	48.9	2.1	0.0	129.2	3	
9	55	-11	-0	-0	0	0	-0	3.5	2.4	0.2	0.0	5.8	3	

ASTA NUM. 233 NI 4079 NF 4078 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-462	-2	0	0	-0	-1	151.8	35.9	1.4	0.0	187.7	3	
7	0	-21	-0	-0	0	-0	-0	6.8	0.8	0.1	0.0	7.6	3	
8	0	622	3	-0	0	0	2	204.7	47.7	2.1	0.0	252.5	3	
9	0	-8	0	0	0	0	-0	2.5	2.8	0.3	0.0	5.3	3	
2	27	-461	-2	0	0	-0	-2	151.8	50.8	1.5	0.0	202.6	3	
7	27	-20	-0	-0	0	0	-0	6.7	2.2	0.2	0.0	8.9	3	
8	27	623	3	-0	0	0	3	204.8	69.0	2.0	0.0	273.9	3	
9	27	-7	0	0	0	-0	-0	2.4	0.9	0.1	0.0	3.3	3	
2	55	-461	-2	0	0	-0	-2	151.7	67.0	1.6	0.0	218.8	3	
7	55	-20	-0	-0	0	0	-0	6.6	5.1	0.3	0.0	11.7	3	
8	55	623	3	-0	0	0	3	204.9	89.1	1.9	0.0	294.0	3	
9	55	-7	0	0	0	-0	0	2.3	0.7	0.0	0.0	3.1	2	

ASTA NUM. 230 NI 4078 NF 4081 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-623	-0	-1	0	-0	-2	204.8	65.6	0.6	0.0	270.4	3	
7	0	-98	-1	1	0	0	-0	32.2	5.0	0.8	0.0	37.2	3	
8	0	830	1	1	0	0	3	273.0	87.8	0.8	0.0	360.8	3	
9	0	80	2	-1	0	-0	0	26.4	1.5	1.2	0.0	27.8	3	
2	5	-623	-1	-1	0	0	-2	204.8	65.9	0.6	0.0	270.7	3	
7	5	-98	-1	1	0	-0	-0	32.1	6.6	0.8	0.0	38.8	3	
8	5	830	1	1	0	-0	3	273.0	88.4	0.8	0.0	361.4	3	
9	5	80	2	-1	0	0	0	26.4	3.6	1.2	0.0	30.0	3	
2	10	-623	-1	-1	0	0	-2	204.8	67.7	0.6	0.0	272.5	3	
7	10	-98	-1	1	0	-0	-0	32.1	9.0	0.9	0.0	41.2	3	
8	10	830	1	1	0	-0	3	273.0	90.9	0.8	0.0	363.9	3	
9	10	80	2	-1	0	0	0	26.4	7.1	1.2	0.0	33.5	3	

ASTA NUM. 240 NI 4081 NF 4169 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-623	-1	-1	0	0	-2	204.8	67.7	0.6	0.0	272.5	3	
7	0	-98	-1	1	0	-0	-0	32.1	9.0	0.9	0.0	41.2	3	
8	0	830	1	1	0	-0	3	273.0	90.9	0.8	0.0	363.9	3	
9	0	80	2	-1	0	0	0	26.4	7.1	1.2	0.0	33.5	3	
2	14	-622	-1	-1	0	0	-3	204.8	74.0	0.7	0.0	278.7	3	
7	14	-98	-1	1	0	-0	-0	32.1	16.1	1.0	0.0	48.2	3	
8	14	830	1	1	0	-0	3	273.1	98.7	0.8	0.0	371.8	3	
9	14	80	2	-1	0	0	0	26.4	16.7	1.1	0.0	43.1	3	
2	27	-622	-1	-1	0	0	-3	204.7	80.5	0.7	0.0	285.2	3	
7	27	-97	-1	1	0	-0	-1	32.1	23.4	1.0	0.0	55.5	3	
8	27	830	1	1	0	-0	4	273.1	106.2	0.8	0.0	379.3	3	
9	27	80	1	-1	0	0	1	26.5	26.0	1.1	0.0	52.4	3	

ASTA NUM. 241 NI 4169 NF 4168 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-588	1	5	0	0	-3	193.5	76.3	3.5	0.0	269.7	3	
7	0	-249	-2	-4	0	-0	-1	82.0	25.6	3.0	0.0	107.6	3	
8	0	767	-2	-6	0	-0	3	252.3	100.8	4.6	0.0	353.1	3	
9	0	283	3	6	0	0	1	93.0	29.6	4.6	0.0	122.6	3	
2	14	-588	1	5	0	-0	-2	193.5	74.4	3.5	0.0	267.8	3	
7	14	-249	-2	-4	0	0	-1	82.0	36.5	3.0	0.0	118.4	3	
8	14	767	-2	-6	0	0	3	252.3	97.4	4.6	0.0	349.7	3	
9	14	283	3	6	0	-1	1	93.1	45.2	4.6	0.0	138.2	3	
2	27	-588	1	5	0	-1	-2	193.4	88.1	3.5	0.0	281.5	3	
7	27	-249	-2	-4	0	1	-1	81.9	59.9	3.0	0.0	141.8	3	
8	27	767	-2	-6	0	1	3	252.4	114.4	4.6	0.0	366.7	3	
9	27	283	3	6	0	-1	2	93.1	79.1	4.6	0.0	172.2	3	

ASTA NUM. 315 NI 4168 NF 3776 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-248	2	5	0	1	-1	81.6	62.5	3.4	0.0	144.1	3	
7	0	-584	-1	-5	0	-1	-2	192.2	85.4	3.4	0.0	277.7	3	
8	0	287	-3	-6	0	-1	2	94.3	79.0	4.6	0.0	173.3	3	
9	0	767	2	7	0	1	3	252.2	116.6	5.1	0.0	368.9	3	
2	14	-248	2	5	0	0	-1	81.6	37.1	3.4	0.0	118.7	3	
7	14	-584	-1	-5	0	-0	-2	192.2	72.8	3.4	0.0	265.0	3	
8	14	287	-3	-6	0	-0	1	94.3	44.6	4.6	0.0	138.9	3	
9	14	767	2	7	0	0	3	252.3	97.7	5.1	0.0	350.0	3	
2	27	-248	2	5	0	-0	-1	81.6	26.9	3.4	0.0	108.5	3	
7	27	-584	-1	-5	0	0	-3	192.2	77.2	3.4	0.0	269.4	3	
8	27	287	-3	-6	0	0	1	94.3	30.5	4.6	0.0	124.8	3	
9	27	767	2	7	0	-0	3	252.3	103.0	5.1	0.0	355.3	3	

ASTA NUM. 316 NI 3776 NF 3949 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-110	2	-1	0	-0	-1	36.1	25.1	1.1	0.0	61.2	3	
7	0	-634	1	1	0	0	-3	208.6	80.3	0.9	0.0	288.9	3	
8	0	96	-2	2	0	0	1	31.5	27.8	1.3	0.0	59.3	3	
9	0	845	-0	-2	0	-0	3	278.0	107.4	1.4	0.0	385.4	3	
2	14	-110	1	-1	0	-0	-0	36.0	15.4	1.0	0.0	51.5	3	
7	14	-634	1	1	0	0	-3	208.6	73.3	0.9	0.0	281.9	3	
8	14	96	-2	2	0	0	0	31.6	15.4	1.3	0.0	46.9	3	
9	14	845	-1	-2	0	-0	3	278.0	98.3	1.4	0.0	376.4	3	

2	27	-109	1	-1	0	0	-0	36.0	7.7	1.0	0.0	43.7	3
7	27	-634	0	1	0	-0	-2	208.5	68.8	0.9	0.0	277.4	3
8	27	96	-2	2	0	-0	0	31.6	4.7	1.4	0.0	36.3	3
9	27	845	-1	-2	0	0	3	278.1	92.3	1.4	0.0	370.3	3

ASTA NUM. 237 NI 3949 NF 3948 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-59	0	0	0	0	-0	19.3	7.7	0.3	0.0	27.0	3	
7	0	-598	2	-1	0	-0	-3	196.6	69.4	1.5	0.0	266.0	3	
8	0	32	-0	-1	0	-0	0	10.4	4.8	0.4	0.0	15.1	3	
9	0	801	-3	1	0	0	3	263.6	93.1	1.8	0.0	356.7	3	
2	5	-59	0	0	0	0	-0	19.3	6.7	0.3	0.0	26.0	3	
7	5	-598	2	-1	0	-0	-2	196.6	65.9	1.5	0.0	262.5	3	
8	5	32	-0	-1	0	-0	0	10.4	3.7	0.4	0.0	14.1	3	
9	5	801	-3	1	0	0	3	263.6	88.5	1.9	0.0	352.2	3	
2	10	-59	0	0	0	-0	-0	19.3	6.4	0.3	0.0	25.7	3	
7	10	-598	2	-1	0	0	-2	196.6	63.5	1.4	0.0	260.1	3	
8	10	32	-0	-1	0	0	0	10.4	3.7	0.4	0.0	14.1	3	
9	10	802	-3	1	0	-0	3	263.7	85.3	1.9	0.0	348.9	3	

ASTA NUM. 235 NI 3948 NF 3947 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-21	0	-0	0	-0	-0	6.9	5.1	0.3	0.0	12.0	3	
7	0	-461	2	0	0	0	-2	151.7	66.7	1.6	0.0	218.4	3	
8	0	-7	-0	0	0	0	0	2.4	0.6	0.0	0.0	3.0	2	
9	0	622	-3	-0	0	-0	3	204.4	88.8	1.9	0.0	293.2	3	
2	27	-21	0	-0	0	-0	-0	6.8	2.2	0.2	0.0	9.0	3	
7	27	-461	2	0	0	0	-2	151.6	50.5	1.5	0.0	202.1	3	
8	27	-7	-0	0	0	0	-0	2.3	0.8	0.1	0.0	3.2	3	
9	27	622	-3	-0	0	-0	3	204.5	68.6	2.0	0.0	273.1	3	
2	55	-20	0	-0	0	0	-0	6.7	0.8	0.1	0.0	7.6	3	
7	55	-461	2	0	0	-0	-1	151.5	36.1	1.4	0.0	187.7	3	
8	55	-7	-0	0	0	-0	-0	2.3	2.7	0.3	0.0	5.0	3	
9	55	622	-3	-0	0	0	2	204.6	48.0	2.1	0.0	252.6	3	

ASTA NUM. 236 NI 3947 NF 3950 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	-0	0	0	-0	1.1	1.1	0.1	0.0	2.1	3	
7	0	-182	2	-0	0	-0	-1	59.9	37.2	1.8	0.0	97.2	3	
8	0	-12	0	-0	0	-0	-1	3.8	2.5	0.2	0.0	6.3	3	
9	0	244	-3	0	0	0	2	80.3	49.4	2.1	0.0	129.7	3	
2	27	-3	0	-0	0	0	0	1.0	0.1	0.0	0.0	1.1	2	
7	27	-182	2	-0	0	-0	-1	59.9	20.0	1.6	0.0	79.9	3	
8	27	-11	0	-0	0	-0	-0	3.7	1.2	0.1	0.0	4.9	3	
9	27	244	-3	0	0	0	1	80.3	27.3	2.2	0.0	107.7	3	
2	55	-3	-0	-0	0	0	-0	0.9	0.6	0.1	0.0	1.5	3	
7	55	-182	2	-0	0	-0	-0	59.8	4.0	1.5	0.0	63.8	3	
8	55	-11	-0	-0	0	-0	-0	3.7	1.2	0.1	0.0	4.9	3	
9	55	244	-3	0	0	0	0	80.4	4.0	2.4	0.0	84.4	3	

ASTA NUM. 238 NI 3950 NF 3952 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1	-0	0	0	0	0	0.5	0.5	0.1	0.0	0.9	3	

7	0	-26	1	-0	0	-0	-0	8.5	4.4	0.8	0.0	12.8	3
8	0	-9	0	-0	0	-0	-0	3.0	1.6	0.3	0.0	4.6	3
9	0	30	-1	0	0	0	0	9.7	5.3	1.0	0.0	15.0	3
2	5	1	-0	0	0	0	0	0.5	0.0	0.1	0.0	0.6	2
7	5	-26	1	-0	0	-0	-0	8.4	2.9	0.7	0.0	11.3	3
8	5	-9	0	-0	0	-0	-0	3.0	1.1	0.2	0.0	4.1	3
9	5	30	-1	0	0	0	0	9.7	3.4	1.0	0.0	13.1	3
2	10	2	-0	0	0	0	0	0.5	0.0	0.1	0.0	0.6	2
7	10	-26	1	-0	0	-0	-0	8.4	1.5	0.7	0.0	9.9	3
8	10	-9	0	-0	0	-0	-0	3.0	0.6	0.2	0.0	3.6	3
9	10	30	-1	0	0	0	0	9.7	1.4	1.0	0.0	11.1	3

ASTA NUM. 239 NI 3952 NF 3951 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	0	-0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
7	0	-10	0	0	0	-0	-0	3.3	1.9	0.2	0.0	5.2	3	
8	0	-6	0	0	0	-0	-0	2.1	1.2	0.1	0.0	3.3	3	
9	0	10	-0	-0	0	0	0	3.4	1.8	0.1	0.0	5.2	3	
2	14	2	-0	-0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
7	14	-10	0	0	0	-0	-0	3.3	1.1	0.1	0.0	4.4	3	
8	14	-6	0	0	0	-0	-0	2.1	0.7	0.1	0.0	2.8	3	
9	14	10	-0	-0	0	0	0	3.4	1.3	0.2	0.0	4.8	3	
2	27	2	-0	-0	0	0	0	0.6	0.1	0.1	0.0	0.7	2	
7	27	-10	0	0	0	-0	-0	3.2	0.7	0.1	0.0	3.9	3	
8	27	-6	0	0	0	-0	-0	2.0	0.5	0.0	0.0	2.6	3	
9	27	11	-0	-0	0	0	0	3.5	0.2	0.2	0.0	3.7	2	

ASTA NUM. 399 NI 3951 NF 3868 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	0	0	0	0	0	1.3	0.7	0.1	0.0	1.9	3	
7	0	-12	1	-0	0	-0	-0	4.0	3.2	0.5	0.0	7.2	3	
8	0	-9	0	-0	0	-0	-0	2.8	2.2	0.4	0.0	5.1	3	
9	0	14	-0	0	0	0	0	4.7	3.2	0.1	0.0	7.9	3	
2	14	4	-0	0	0	0	0	1.4	0.7	0.1	0.0	2.0	3	
7	14	-12	0	-0	0	-0	-0	3.9	1.3	0.3	0.0	5.2	3	
8	14	-8	0	-0	0	-0	-0	2.7	0.8	0.2	0.0	3.6	3	
9	14	15	-0	0	0	0	0	4.8	1.9	0.3	0.0	6.7	3	
2	27	5	-0	0	0	-0	0	1.5	0.0	0.3	0.0	1.6	2	
7	27	-12	0	-0	0	0	0	3.8	0.0	0.1	0.0	3.8	2	
8	27	-8	-0	-0	0	0	-0	2.6	0.3	0.0	0.0	3.0	3	
9	27	15	-1	0	0	-0	-0	4.9	0.3	0.5	0.0	5.3	5	

ASTA NUM. 422 NI 4109 NF 4108 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	11	1	0	0	0	0	3.7	0.0	0.4	0.0	3.8	2	
7	0	-5	0	-0	0	-0	0	1.8	0.0	0.1	0.0	1.8	2	
8	0	-17	-0	-0	0	-0	-0	5.7	0.5	0.1	0.0	6.2	3	
9	0	7	0	0	0	0	-0	2.2	0.3	0.3	0.0	2.5	5	
2	14	12	0	0	0	-0	0	3.8	1.5	0.2	0.0	5.3	3	
7	14	-5	-0	-0	0	0	-0	1.6	0.4	0.1	0.0	2.1	3	
8	14	-17	-0	-0	0	0	-0	5.6	1.8	0.3	0.0	7.3	3	
9	14	7	0	0	0	-0	0	2.3	1.0	0.2	0.0	3.2	3	
2	27	12	0	0	0	-0	0	4.0	2.2	0.0	0.0	6.2	3	
7	27	-5	-0	-0	0	0	-0	1.5	1.5	0.3	0.0	3.1	3	
8	27	-17	-1	-0	0	0	-0	5.4	4.0	0.5	0.0	9.4	3	
9	27	7	-0	0	0	-0	0	2.4	1.4	0.0	0.0	3.7	3	

ASTA NUM. 251 NI 4108 NF 4084 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.

qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	6	0	0	0	-0	0	2.0	0.5	0.1	0.0	2.5	3	
7	0	-5	0	-0	0	0	-0	1.5	0.3	0.0	0.0	1.8	3	
8	0	-11	-0	-0	0	0	-0	3.7	1.1	0.0	0.0	4.7	3	
9	0	4	0	0	0	-0	0	1.3	0.1	0.1	0.0	1.4	2	
2	14	6	0	0	0	-0	0	2.0	0.9	0.0	0.0	2.9	3	
7	14	-4	-0	-0	0	0	-0	1.5	0.5	0.1	0.0	2.0	3	
8	14	-11	-0	-0	0	0	-0	3.6	1.4	0.1	0.0	5.0	3	
9	14	4	0	0	0	-0	0	1.4	0.6	0.1	0.0	2.0	3	
2	27	6	-0	0	0	-0	0	2.1	0.9	0.0	0.0	3.0	3	
7	27	-4	-0	-0	0	0	-0	1.4	1.1	0.1	0.0	2.5	3	
8	27	-11	-0	-0	0	0	-0	3.6	2.0	0.1	0.0	5.6	3	
9	27	4	-0	0	0	-0	0	1.4	0.8	0.0	0.0	2.2	3	

ASTA NUM. 252 NI 4084 NF 4083 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-132	-2	0	0	-0	0	43.3	2.5	1.3	0.0	45.8	3	
7	0	-9	0	0	0	0	-0	3.0	1.2	0.1	0.0	4.2	3	
8	0	176	3	0	0	0	-0	57.9	5.4	2.1	0.0	63.2	3	
9	0	1	0	-0	0	-0	0	0.4	0.2	0.1	0.0	0.6	2	
2	5	-132	-2	0	0	-0	0	43.3	0.2	1.3	0.0	43.5	2	
7	5	-9	0	0	0	0	-0	3.0	1.0	0.1	0.0	4.0	3	
8	5	176	3	0	0	0	-0	57.9	1.5	2.1	0.0	59.4	3	
9	5	1	0	-0	0	-0	0	0.4	0.1	0.1	0.0	0.6	2	
2	10	-132	-2	0	0	-0	-0	43.3	2.6	1.3	0.0	45.9	3	
7	10	-9	0	0	0	0	-0	3.0	0.8	0.1	0.0	3.9	3	
8	10	176	3	0	0	0	0	57.9	2.8	2.1	0.0	60.7	3	
9	10	1	0	-0	0	-0	0	0.4	0.1	0.1	0.0	0.6	2	

ASTA NUM. 249 NI 4083 NF 4082 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-132	-2	0	0	-0	-0	43.3	2.6	1.4	0.0	45.9	3	
7	0	-9	0	0	0	0	-0	3.0	0.8	0.1	0.0	3.9	3	
8	0	176	3	0	0	0	0	57.9	2.8	2.1	0.0	60.7	3	
9	0	1	0	-0	0	-0	0	0.4	0.1	0.1	0.0	0.6	2	
2	27	-131	-2	0	0	-0	-1	43.2	17.0	1.5	0.0	60.2	3	
7	27	-9	-0	0	0	-0	-0	2.9	0.9	0.1	0.0	3.8	3	
8	27	176	3	0	0	0	1	58.0	23.4	2.0	0.0	81.4	3	
9	27	1	-0	-0	0	-0	0	0.5	0.4	0.0	0.0	0.9	3	
2	55	-131	-2	0	0	-0	-1	43.1	32.6	1.6	0.0	75.7	3	
7	55	-9	-0	0	0	-0	-0	2.9	2.3	0.2	0.0	5.2	3	
8	55	176	3	0	0	0	2	58.1	42.8	1.9	0.0	100.9	3	
9	55	2	-0	-0	0	0	-0	0.6	0.7	0.2	0.0	1.3	3	

ASTA NUM. 250 NI 4082 NF 4086 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-439	-2	0	0	-0	-1	144.4	32.5	1.5	0.0	177.0	3	
7	0	-12	0	-0	0	-0	-0	3.9	2.4	0.2	0.0	6.2	3	
8	0	595	3	-0	0	0	2	195.6	43.1	2.3	0.0	238.7	3	
9	0	-16	-0	0	0	0	0	5.2	0.1	0.1	0.0	5.3	2	
2	27	-439	-2	0	0	-0	-2	144.4	48.3	1.6	0.0	192.7	3	
7	27	-12	0	-0	0	0	-0	3.8	1.3	0.0	0.0	5.1	3	
8	27	595	3	-0	0	0	2	195.7	66.2	2.2	0.0	261.9	3	
9	27	-16	-0	0	0	-0	-0	5.2	1.7	0.2	0.0	6.8	3	

2	55	-439	-2	0	0	-0	-2	144.3	65.4	1.7	0.0	209.7	3
7	55	-11	-0	-0	0	0	-0	3.7	1.9	0.1	0.0	5.6	3
8	55	595	3	-0	0	0	3	195.8	88.0	2.0	0.0	283.8	3
9	55	-15	-0	0	0	-0	-0	5.1	4.6	0.3	0.0	9.7	3

ASTA NUM. 253 NI 4086 NF 4085 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-764	-4	-1	0	-0	-2	251.2	63.5	2.8	0.0	314.7	3		
7	0	54	2	1	0	0	-0	17.6	4.8	1.5	0.0	22.5	3		
8	0	1034	6	1	0	0	3	340.1	85.7	4.1	0.0	425.8	3		
9	0	-134	-3	-1	0	-0	0	43.9	0.9	2.1	0.0	44.8	3		
2	5	-764	-4	-1	0	0	-3	251.2	68.6	2.9	0.0	319.8	3		
7	5	54	2	1	0	-0	-0	17.6	2.0	1.5	0.0	19.6	3		
8	5	1034	6	1	0	-0	3	340.1	92.4	4.1	0.0	432.5	3		
9	5	-134	-3	-1	0	0	-0	43.9	4.3	2.1	0.0	48.3	3		
2	10	-764	-4	-1	0	0	-3	251.2	74.7	2.9	0.0	325.8	3		
7	10	54	2	1	0	-0	0	17.7	3.1	1.5	0.0	20.7	3		
8	10	1034	5	1	0	-0	4	340.1	101.4	4.0	0.0	441.6	3		
9	10	-134	-3	-1	0	0	-0	43.9	9.6	2.2	0.0	53.5	3		

ASTA NUM. 242 NI 4085 NF 4189 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-764	-4	-1	0	0	-3	251.2	74.7	3.1	0.0	325.8	3		
7	0	54	2	1	0	-0	0	17.7	3.1	1.5	0.0	20.7	3		
8	0	1034	6	1	0	-0	4	340.1	101.4	4.4	0.0	441.6	3		
9	0	-134	-3	-1	0	0	-0	43.9	9.6	2.2	0.0	53.5	3		
2	14	-763	-4	-1	0	0	-3	251.1	92.8	3.2	0.0	343.9	3		
7	14	54	2	1	0	-0	0	17.7	13.7	1.4	0.0	31.4	3		
8	14	1034	6	1	0	-0	4	340.1	127.6	4.3	0.0	467.8	3		
9	14	-133	-3	-1	0	0	-1	43.9	24.4	2.3	0.0	68.3	3		
2	27	-763	-4	-1	0	0	-4	251.1	111.1	3.2	0.0	362.2	3		
7	27	54	2	1	0	-0	1	17.7	24.0	1.4	0.0	41.7	3		
8	27	1034	6	1	0	-0	5	340.1	153.5	4.2	0.0	493.6	3		
9	27	-133	-3	-1	0	0	-1	43.8	39.5	2.3	0.0	83.4	3		

ASTA NUM. 329 NI 4189 NF 4191 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1437	-26	3	0	0	-2	472.7	67.1	19.1	0.0	539.8	3		
7	0	476	22	-6	0	-0	-1	156.7	37.0	16.1	0.0	193.7	3		
8	0	1968	37	-7	0	-0	3	647.4	90.6	27.0	0.0	737.9	3		
9	0	-766	-31	6	0	0	1	251.8	42.2	23.2	0.0	294.1	3		
2	14	-1437	-26	3	0	-0	-6	472.7	164.4	19.1	0.0	637.1	3		
7	14	476	22	-6	0	0	2	156.7	65.3	16.1	0.0	222.0	3		
8	14	1968	37	-7	0	1	8	647.4	231.3	27.0	0.0	878.7	3		
9	14	-766	-32	6	0	-0	-3	251.8	96.9	23.3	0.0	348.7	3		
2	27	-1437	-26	3	0	-1	-9	472.7	272.8	19.2	0.0	745.5	3		
7	27	476	22	-6	0	1	5	156.7	167.3	16.0	0.0	324.1	3		
8	27	1968	36	-7	0	1	13	647.4	392.6	26.9	0.0	1040.0	3		
9	27	-765	-32	6	0	-1	-7	251.8	236.3	23.4	0.0	488.1	3		

ASTA NUM. 330 NI 4191 NF 4190 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							

2	0	474	-22	4	0	1	5	156.0	156.2	16.0	0.0	312.2	3
7	0	-1444	26	-5	0	-1	-9	475.0	286.2	19.3	0.0	761.2	3
8	0	-772	32	-8	0	-2	-7	253.8	249.1	23.5	0.0	502.9	3
9	0	1969	-37	5	0	1	13	647.7	382.9	27.0	0.0	1030.6	3
2	14	474	-22	4	0	0	2	156.0	60.4	16.1	0.0	216.4	3
7	14	-1444	26	-5	0	-0	-6	475.0	169.5	19.3	0.0	644.5	3
8	14	-771	32	-8	0	-1	-3	253.7	101.4	23.4	0.0	355.2	3
9	14	1969	-37	5	0	0	8	647.7	227.0	27.0	0.0	874.7	3
2	27	474	-22	4	0	-0	-1	156.1	35.7	16.1	0.0	191.8	3
7	27	-1444	26	-5	0	0	-2	475.0	70.1	19.2	0.0	545.1	3
8	27	-771	32	-8	0	0	1	253.7	45.9	23.4	0.0	299.7	3
9	27	1969	-37	5	0	-0	3	647.7	89.3	27.1	0.0	737.0	3

ASTA NUM. 246 NI 4190 NF 3955 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	67	-3	-1	0	-0	1	22.0	25.2	2.1	0.0	47.2	3	
7	0	-810	5	1	0	0	-4	266.4	116.0	3.7	0.0	382.4	3	
8	0	-158	4	2	0	0	-1	52.1	46.9	3.3	0.0	99.0	3	
9	0	1094	-7	-1	0	-0	5	359.9	154.9	5.0	0.0	514.8	3	
2	14	67	-3	-1	0	-0	0	22.0	11.1	2.1	0.0	33.1	3	
7	14	-810	5	1	0	0	-3	266.4	93.0	3.6	0.0	359.3	3	
8	14	-158	4	2	0	0	-1	52.1	23.7	3.2	0.0	75.8	3	
9	14	1094	-7	-1	0	-0	4	359.9	124.9	5.0	0.0	484.8	3	
2	27	67	-3	-1	0	-0	-0	22.1	3.5	2.2	0.0	25.5	3	
7	27	-810	5	1	0	-0	-3	266.3	71.0	3.6	0.0	337.4	3	
8	27	-158	4	2	0	-0	-0	52.0	1.7	3.2	0.0	53.7	3	
9	27	1094	-7	-1	0	0	3	359.9	94.9	5.1	0.0	454.7	3	

ASTA NUM. 245 NI 3955 NF 3958 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	0	-0	2.8	0.3	0.0	0.0	3.1	3	
7	0	-470	3	-0	0	-0	-3	154.7	73.0	1.9	0.0	227.7	3	
8	0	-24	1	-0	0	-0	-0	7.8	6.9	0.4	0.0	14.8	3	
9	0	636	-3	-0	0	0	4	209.1	97.0	2.3	0.0	306.1	3	
2	5	-9	0	0	0	0	0	2.8	0.0	0.0	0.0	2.8	2	
7	5	-470	3	-0	0	-0	-3	154.7	69.5	1.9	0.0	224.2	3	
8	5	-24	1	-0	0	-0	-0	7.8	6.1	0.4	0.0	13.9	3	
9	5	636	-3	-0	0	0	3	209.2	92.8	2.3	0.0	301.9	3	
2	10	-9	0	0	0	-0	0	2.8	0.0	0.0	0.0	2.8	2	
7	10	-470	3	-0	0	-0	-2	154.7	66.0	1.9	0.0	220.6	3	
8	10	-24	1	-0	0	-0	-0	7.8	5.3	0.4	0.0	13.1	3	
9	10	636	-3	-0	0	0	3	209.2	88.6	2.3	0.0	297.8	3	

ASTA NUM. 248 NI 3958 NF 3957 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	-0	0	2.8	0.0	0.0	0.0	2.8	2	
7	0	-470	2	-0	0	-0	-2	154.7	66.0	1.8	0.0	220.6	3	
8	0	-24	1	-0	0	-0	-0	7.8	5.3	0.4	0.0	13.1	3	
9	0	636	-3	-0	0	0	3	209.2	88.6	2.2	0.0	297.8	3	
2	27	-8	-0	0	0	-0	-0	2.7	0.9	0.1	0.0	3.6	3	
7	27	-470	2	-0	0	-0	-2	154.6	48.5	1.7	0.0	203.0	3	
8	27	-23	0	-0	0	-0	-0	7.7	1.8	0.3	0.0	9.5	3	
9	27	636	-3	-0	0	0	2	209.2	66.1	2.3	0.0	275.4	3	
2	55	-8	-0	0	0	-0	-0	2.6	2.8	0.2	0.0	5.5	3	
7	55	-470	2	-0	0	-0	-1	154.5	32.2	1.5	0.0	186.7	3	
8	55	-23	0	-0	0	0	0	7.6	0.2	0.1	0.0	7.9	2	
9	55	636	-3	-0	0	0	2	209.3	42.4	2.4	0.0	251.7	3	

ASTA NUM. 247 NI 3957 NF 3956 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	-0	0	-0	-0	3.3	2.2	0.2	0.0	5.5	3	
7	0	-156	2	0	0	-0	-1	51.2	32.2	1.6	0.0	83.4	3	
8	0	1	0	0	0	0	0	0.3	0.3	0.1	0.0	0.6	2	
9	0	209	-3	-0	0	0	2	68.7	42.9	1.9	0.0	111.6	3	
2	27	-10	0	-0	0	0	-0	3.2	0.9	0.1	0.0	4.1	3	
7	27	-155	2	0	0	-0	-1	51.1	17.0	1.5	0.0	68.1	3	
8	27	1	-0	0	0	-0	0	0.3	0.4	0.0	0.0	0.7	3	
9	27	209	-3	-0	0	0	1	68.7	23.4	2.0	0.0	92.2	3	
2	55	-10	-0	-0	0	0	-0	3.2	1.1	0.1	0.0	4.2	3	
7	55	-155	2	0	0	-0	-0	51.0	3.1	1.3	0.0	54.1	3	
8	55	1	-0	0	0	-0	-0	0.4	0.6	0.1	0.0	1.1	3	
9	55	209	-3	-0	0	0	0	68.8	2.7	2.1	0.0	71.5	3	

ASTA NUM. 244 NI 3956 NF 3954 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	0	0	0	-0	2.3	1.2	0.2	0.0	3.6	3	
7	0	-2	0	-0	0	-0	-0	0.6	0.6	0.1	0.0	1.2	3	
8	0	5	-0	-0	0	-0	0	1.6	1.3	0.2	0.0	2.9	3	
9	0	-2	-0	0	0	0	0	0.8	0.4	0.1	0.0	1.1	2	
2	5	-7	0	0	0	0	-0	2.3	0.8	0.2	0.0	3.1	3	
7	5	-2	0	-0	0	-0	0	0.6	0.2	0.1	0.0	0.8	2	
8	5	5	-0	-0	0	-0	0	1.7	0.7	0.2	0.0	2.4	3	
9	5	-2	-0	0	0	0	0	0.8	0.2	0.1	0.0	1.0	2	
2	10	-7	0	0	0	-0	-0	2.3	0.5	0.1	0.0	2.8	3	
7	10	-2	0	-0	0	-0	0	0.6	0.0	0.1	0.0	0.6	5	
8	10	5	-0	-0	0	0	0	1.7	0.0	0.2	0.0	1.7	2	
9	10	-2	-0	0	0	0	-0	0.7	0.5	0.1	0.0	1.2	3	

ASTA NUM. 243 NI 3954 NF 3953 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	-0	0	0	-0	1.5	0.9	0.1	0.0	2.4	3	
7	0	7	-0	0	0	-0	0	2.2	1.1	0.0	0.0	3.3	3	
8	0	4	0	0	0	-0	0	1.3	0.7	0.0	0.0	2.0	3	
9	0	-12	0	-0	0	0	-0	4.0	2.1	0.2	0.0	6.2	3	
2	14	-5	0	-0	0	0	-0	1.5	0.5	0.1	0.0	2.0	3	
7	14	7	-0	0	0	-0	0	2.3	0.9	0.1	0.0	3.2	3	
8	14	4	-0	0	0	-0	0	1.3	0.6	0.1	0.0	1.9	3	
9	14	-12	0	-0	0	0	-0	4.0	1.4	0.1	0.0	5.4	3	
2	27	-4	-0	-0	0	0	-0	1.4	0.4	0.0	0.0	1.8	3	
7	27	7	-0	0	0	-0	0	2.3	0.5	0.1	0.0	2.8	3	
8	27	4	-0	0	0	-0	0	1.4	0.1	0.1	0.0	1.5	2	
9	27	-12	0	-0	0	0	-0	4.0	1.0	0.1	0.0	5.0	3	

ASTA NUM. 402 NI 3953 NF 3926 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	0	0	0	-0	1.8	1.6	0.3	0.0	3.4	3	
7	0	11	-0	-0	0	-0	0	3.6	2.3	0.1	0.0	6.0	3	
8	0	6	0	-0	0	-0	0	2.1	1.4	0.0	0.0	3.5	3	
9	0	-17	1	0	0	0	-0	5.7	4.1	0.5	0.0	9.8	3	
2	14	-5	0	0	0	0	-0	1.7	0.5	0.1	0.0	2.2	3	
7	14	11	-0	-0	0	-0	0	3.8	1.5	0.2	0.0	5.3	3	
8	14	7	-0	-0	0	-0	0	2.2	1.0	0.2	0.0	3.2	3	

9	14	-17	0	0	0	0	-0	5.6	1.8	0.3	0.0	7.4	3
2	27	-5	-0	0	0	-0	0	1.6	0.0	0.1	0.0	1.6	2
7	27	12	-1	-0	0	0	0	3.9	0.0	0.4	0.0	3.9	2
8	27	7	-0	-0	0	0	-0	2.3	0.4	0.3	0.0	2.7	3
9	27	-17	0	0	0	-0	-0	5.4	0.4	0.2	0.0	5.9	3

ASTA NUM. 421 NI 4107 NF 4106 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-11	-0	0	0	0	0	3.8	0.0	0.1	0.0	3.8	2			
7	0	5	0	-0	0	-0	0	1.7	0.0	0.3	0.0	1.8	2			
8	0	14	1	-0	0	-0	-0	4.5	0.5	0.5	0.0	5.0	3			
9	0	-10	0	0	0	0	-0	3.3	0.5	0.0	0.0	3.8	3			
2	14	-11	-0	0	0	-0	-0	3.7	1.2	0.3	0.0	4.8	3			
7	14	6	0	-0	0	0	0	1.8	0.8	0.1	0.0	2.6	3			
8	14	14	0	-0	0	0	0	4.6	1.8	0.4	0.0	6.4	3			
9	14	-10	-0	0	0	-0	-0	3.2	1.0	0.2	0.0	4.2	3			
2	27	-11	-1	0	0	-0	-0	3.5	3.2	0.5	0.0	6.7	3			
7	27	6	-0	-0	0	0	0	1.9	0.8	0.1	0.0	2.7	3			
8	27	14	0	-0	0	0	0	4.7	3.2	0.2	0.0	8.0	3			
9	27	-9	-0	0	0	-0	-0	3.1	2.4	0.4	0.0	5.5	3			

ASTA NUM. 256 NI 4106 NF 4087 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-11	-0	0	0	-0	-0	3.5	0.5	0.1	0.0	4.0	3			
7	0	2	0	-0	0	0	0	0.7	0.0	0.1	0.0	0.8	2			
8	0	11	0	-0	0	0	0	3.7	0.2	0.3	0.0	4.0	2			
9	0	-7	-0	0	0	-0	-0	2.3	0.5	0.0	0.0	2.8	3			
2	14	-11	-0	0	0	-0	-0	3.5	1.3	0.2	0.0	4.7	3			
7	14	2	0	-0	0	0	0	0.8	0.4	0.0	0.0	1.2	3			
8	14	12	0	-0	0	0	0	3.8	1.5	0.2	0.0	5.3	3			
9	14	-7	-0	0	0	-0	-0	2.3	0.8	0.1	0.0	3.1	3			
2	27	-10	-0	0	0	-0	-0	3.4	2.3	0.2	0.0	5.8	3			
7	27	2	-0	-0	0	0	0	0.8	0.1	0.0	0.0	0.9	2			
8	27	12	0	-0	0	0	0	3.8	2.4	0.1	0.0	6.3	3			
9	27	-7	-0	0	0	-0	-0	2.2	1.5	0.1	0.0	3.7	3			

ASTA NUM. 255 NI 4087 NF 4090 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-157	-2	-0	0	-0	0	51.5	1.2	1.4	0.0	52.7	3			
7	0	-2	0	0	0	0	-0	0.7	0.5	0.1	0.0	1.2	3			
8	0	209	3	0	0	0	-0	68.8	3.6	2.3	0.0	72.4	3			
9	0	-12	0	-0	0	-0	-0	3.8	1.5	0.1	0.0	5.3	3			
2	5	-157	-2	-0	0	-0	-0	51.5	1.8	1.4	0.0	53.2	3			
7	5	-2	0	0	0	0	0	0.7	0.1	0.1	0.0	0.8	2			
8	5	209	3	0	0	0	0	68.8	1.1	2.2	0.0	69.9	3			
9	5	-11	0	-0	0	-0	-0	3.8	1.3	0.1	0.0	5.1	3			
2	10	-156	-2	-0	0	-0	-0	51.5	4.4	1.4	0.0	55.9	3			
7	10	-2	0	0	0	0	0	0.7	0.1	0.1	0.0	0.8	2			
8	10	209	3	0	0	0	0	68.8	5.2	2.2	0.0	74.0	3			
9	10	-11	0	-0	0	-0	-0	3.8	1.1	0.1	0.0	4.9	3			

ASTA NUM. 258 NI 4090 NF 4089 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								

2	0	-156	-2	-0	0	-0	-0	51.5	4.4	1.5	0.0	55.9	3
7	0	-2	0	0	0	0	0	0.7	0.1	0.1	0.0	0.8	2
8	0	209	3	0	0	0	0	68.8	5.2	2.3	0.0	74.0	3
9	0	-11	0	-0	0	-0	-0	3.8	1.1	0.1	0.0	4.9	3
2	27	-156	-2	-0	0	-0	-1	51.4	19.9	1.6	0.0	71.3	3
7	27	-2	-0	0	0	-0	0	0.6	0.0	0.1	0.0	0.6	2
8	27	209	3	0	0	0	1	68.9	27.4	2.1	0.0	96.2	3
9	27	-11	-0	-0	0	-0	-0	3.7	1.1	0.1	0.0	4.7	3
2	55	-156	-2	-0	0	-0	-1	51.3	36.6	1.7	0.0	88.0	3
7	55	-2	-0	0	0	-0	-0	0.5	1.3	0.2	0.0	1.8	3
8	55	210	3	0	0	0	2	68.9	48.3	2.0	0.0	117.2	3
9	55	-11	-0	-0	0	0	-0	3.6	2.5	0.2	0.0	6.1	3

ASTA NUM. 257 NI 4089 NF 4088 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-461	-2	0	0	-0	-1	151.5	35.8	1.4	0.0	187.3	3	
7	0	-20	-0	-0	0	-0	-0	6.5	0.7	0.1	0.0	7.2	3	
8	0	621	3	-0	0	0	2	204.2	47.6	2.1	0.0	251.9	3	
9	0	-9	0	0	0	0	-0	2.9	2.8	0.3	0.0	5.7	3	
2	27	-460	-2	0	0	-0	-2	151.4	50.7	1.5	0.0	202.2	3	
7	27	-20	-0	-0	0	0	-0	6.4	2.1	0.2	0.0	8.5	3	
8	27	621	3	-0	0	0	3	204.3	68.9	2.0	0.0	273.2	3	
9	27	-9	0	0	0	-0	-0	2.8	1.1	0.1	0.0	3.9	3	
2	55	-460	-2	0	0	-0	-2	151.3	66.9	1.6	0.0	218.3	3	
7	55	-19	-0	-0	0	0	-0	6.3	4.9	0.3	0.0	11.3	3	
8	55	621	3	-0	0	0	3	204.4	88.9	1.9	0.0	293.3	3	
9	55	-8	0	0	0	-0	0	2.8	0.7	0.0	0.0	3.5	2	

ASTA NUM. 254 NI 4088 NF 4091 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-621	-0	-1	0	-0	-2	204.3	65.5	0.6	0.0	269.8	3	
7	0	-96	-1	1	0	0	-0	31.7	4.9	0.8	0.0	36.6	3	
8	0	828	1	1	0	0	3	272.3	87.6	0.8	0.0	359.8	3	
9	0	78	2	-1	0	-0	0	25.6	1.3	1.2	0.0	26.9	3	
2	5	-621	-0	-1	0	0	-2	204.3	65.8	0.6	0.0	270.1	3	
7	5	-96	-1	1	0	-0	-0	31.7	6.5	0.8	0.0	38.1	3	
8	5	828	1	1	0	-0	3	272.3	88.2	0.8	0.0	360.5	3	
9	5	78	2	-1	0	0	0	25.6	3.4	1.2	0.0	29.1	3	
2	10	-621	-1	-1	0	0	-2	204.3	67.6	0.6	0.0	271.9	3	
7	10	-96	-1	1	0	-0	-0	31.6	8.9	0.9	0.0	40.5	3	
8	10	828	1	1	0	-0	3	272.3	90.6	0.8	0.0	362.9	3	
9	10	78	2	-1	0	0	0	25.7	6.9	1.2	0.0	32.6	3	

ASTA NUM. 264 NI 4091 NF 4171 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-621	-1	-1	0	0	-2	204.3	67.6	0.6	0.0	271.9	3	
7	0	-96	-1	1	0	-0	-0	31.6	8.9	0.9	0.0	40.5	3	
8	0	828	1	1	0	-0	3	272.3	90.6	0.8	0.0	362.9	3	
9	0	78	2	-1	0	0	0	25.7	6.9	1.2	0.0	32.6	3	
2	14	-621	-1	-1	0	0	-3	204.2	73.8	0.6	0.0	278.0	3	
7	14	-96	-1	1	0	-0	-0	31.6	15.9	0.9	0.0	47.5	3	
8	14	828	1	1	0	-0	3	272.3	98.4	0.8	0.0	370.8	3	
9	14	78	2	-1	0	0	0	25.7	16.5	1.1	0.0	42.2	3	
2	27	-621	-1	-1	0	0	-3	204.2	80.3	0.7	0.0	284.5	3	
7	27	-96	-1	1	0	-0	-1	31.6	23.3	1.0	0.0	54.8	3	
8	27	828	1	1	0	-0	4	272.4	105.9	0.8	0.0	378.3	3	
9	27	78	1	-1	0	0	1	25.7	25.7	1.1	0.0	51.4	3	

ASTA NUM. 265 NI 4171 NF 4170 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-586	1	5	0	0	-3	192.9	76.1	3.4	0.0	268.9	3	
7	0	-247	-2	-4	0	-0	-1	81.4	25.4	3.0	0.0	106.8	3	
8	0	764	-2	-6	0	-0	3	251.4	100.4	4.6	0.0	351.8	3	
9	0	280	3	6	0	0	1	92.1	29.3	4.6	0.0	121.4	3	
2	14	-586	1	5	0	-0	-2	192.8	74.1	3.4	0.0	267.0	3	
7	14	-247	-2	-4	0	0	-1	81.3	36.3	3.0	0.0	117.6	3	
8	14	764	-2	-6	0	0	3	251.4	97.0	4.6	0.0	348.5	3	
9	14	280	3	6	0	-1	1	92.2	44.9	4.6	0.0	137.1	3	
2	27	-586	1	5	0	-1	-2	192.8	87.9	3.4	0.0	280.6	3	
7	27	-247	-2	-4	0	1	-1	81.3	59.7	3.0	0.0	141.0	3	
8	27	764	-2	-6	0	1	3	251.4	114.0	4.6	0.0	365.4	3	
9	27	280	3	6	0	-1	2	92.2	78.9	4.6	0.0	171.1	3	

ASTA NUM. 311 NI 4170 NF 3778 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-246	2	5	0	1	-1	81.1	62.1	3.4	0.0	143.2	3	
7	0	-582	-1	-5	0	-1	-2	191.6	85.3	3.3	0.0	276.9	3	
8	0	284	-3	-6	0	-1	2	93.4	78.5	4.6	0.0	171.9	3	
9	0	764	2	7	0	1	3	251.3	116.4	5.0	0.0	367.7	3	
2	14	-246	2	5	0	0	-1	81.0	36.8	3.4	0.0	117.9	3	
7	14	-582	-1	-5	0	-0	-2	191.6	72.7	3.3	0.0	264.3	3	
8	14	284	-3	-6	0	-0	1	93.5	44.3	4.6	0.0	137.7	3	
9	14	764	2	7	0	0	3	251.3	97.6	5.0	0.0	348.9	3	
2	27	-246	2	5	0	-0	-1	81.0	26.6	3.4	0.0	107.6	3	
7	27	-582	-1	-5	0	0	-3	191.5	76.7	3.3	0.0	268.3	3	
8	27	284	-3	-6	0	0	1	93.5	30.0	4.6	0.0	123.5	3	
9	27	764	2	7	0	-0	3	251.4	102.3	5.0	0.0	353.7	3	

ASTA NUM. 312 NI 3778 NF 3961 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-108	2	-1	0	-0	-1	35.5	24.8	1.1	0.0	60.3	3	
7	0	-632	1	1	0	0	-3	207.8	79.9	0.8	0.0	287.7	3	
8	0	93	-2	1	0	0	1	30.7	27.4	1.3	0.0	58.0	3	
9	0	842	-1	-2	0	-0	3	276.8	106.9	1.2	0.0	383.7	3	
2	14	-108	1	-1	0	-0	-0	35.4	15.5	1.1	0.0	50.9	3	
7	14	-632	1	1	0	0	-3	207.7	73.4	0.8	0.0	281.1	3	
8	14	93	-2	1	0	0	0	30.7	15.4	1.3	0.0	46.1	3	
9	14	842	-1	-2	0	-0	3	276.8	98.4	1.2	0.0	375.3	3	
2	27	-108	1	-1	0	0	-0	35.4	6.9	1.0	0.0	42.3	3	
7	27	-631	0	1	0	-0	-2	207.7	67.6	0.8	0.0	275.3	3	
8	27	93	-2	1	0	-0	0	30.7	3.6	1.4	0.0	34.3	3	
9	27	842	-1	-2	0	0	3	276.9	90.4	1.2	0.0	367.3	3	

ASTA NUM. 261 NI 3961 NF 3960 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-26	1	0	0	0	-0	8.6	6.7	0.4	0.0	15.3	3	
7	0	-482	2	-0	0	-0	-3	158.5	71.1	1.7	0.0	229.6	3	
8	0	-3	-0	-0	0	-0	0	0.9	1.9	0.1	0.0	2.8	3	
9	0	648	-3	0	0	0	3	213.3	94.1	1.9	0.0	307.3	3	
2	5	-26	1	0	0	0	-0	8.6	5.9	0.4	0.0	14.5	3	
7	5	-482	2	-0	0	-0	-2	158.5	68.0	1.7	0.0	226.5	3	

8	5	-3	-0	-0	0	-0	0	0.9	1.8	0.1	0.0	2.6	3
9	5	648	-3	0	0	0	3	213.3	90.6	1.9	0.0	303.8	3
2	10	-26	0	0	0	0	-0	8.6	5.2	0.4	0.0	13.8	3
7	10	-482	2	-0	0	-0	-2	158.5	65.0	1.6	0.0	223.4	3
8	10	-3	-0	-0	0	-0	0	0.9	1.5	0.1	0.0	2.4	3
9	10	648	-3	0	0	0	3	213.3	87.0	1.9	0.0	300.3	3

ASTA NUM. 259 NI 3960 NF 3959 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-26	0	0	0	0	-0	8.6	5.2	0.4	0.0	13.8	3	
7	0	-482	2	-0	0	-0	-2	158.5	65.0	1.5	0.0	223.4	3	
8	0	-3	-0	-0	0	-0	0	0.9	1.5	0.1	0.0	2.4	3	
9	0	648	-2	0	0	0	3	213.3	87.0	1.8	0.0	300.3	3	
2	27	-26	0	0	0	0	-0	8.5	2.1	0.2	0.0	10.6	3	
7	27	-481	2	-0	0	-0	-2	158.4	50.1	1.4	0.0	208.5	3	
8	27	-2	-0	-0	0	-0	-0	0.8	0.4	0.2	0.0	1.2	3	
9	27	649	-3	0	0	0	2	213.4	68.2	1.9	0.0	281.5	3	
2	55	-26	0	0	0	-0	-0	8.4	0.4	0.1	0.0	8.8	3	
7	55	-481	2	-0	0	-0	-1	158.3	36.5	1.3	0.0	194.8	3	
8	55	-2	-0	-0	0	0	-0	0.7	3.6	0.4	0.0	4.3	3	
9	55	649	-3	0	0	0	2	213.5	48.1	2.0	0.0	261.5	3	

ASTA NUM. 260 NI 3959 NF 3962 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	-0	0	-0	-0	0.9	1.1	0.1	0.0	2.0	3	
7	0	-182	2	0	0	-0	-1	59.8	36.9	1.8	0.0	96.7	3	
8	0	-12	0	0	0	0	-0	4.1	2.5	0.2	0.0	6.6	3	
9	0	243	-3	-0	0	0	2	80.0	49.0	2.1	0.0	129.0	3	
2	27	-3	0	-0	0	0	0	0.8	0.0	0.0	0.0	0.9	2	
7	27	-181	2	0	0	-0	-1	59.7	19.9	1.6	0.0	79.6	3	
8	27	-12	0	0	0	-0	-0	4.0	1.2	0.1	0.0	5.2	3	
9	27	244	-3	-0	0	0	1	80.1	27.2	2.2	0.0	107.3	3	
2	55	-2	-0	-0	0	0	-0	0.8	0.6	0.1	0.0	1.4	3	
7	55	-181	2	0	0	-0	-0	59.6	4.1	1.5	0.0	63.7	3	
8	55	-12	-0	0	0	-0	-0	3.9	1.4	0.1	0.0	5.3	3	
9	55	244	-3	-0	0	0	0	80.2	4.1	2.4	0.0	84.3	3	

ASTA NUM. 262 NI 3962 NF 3964 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	-0	0	0	0	0	0.6	0.6	0.1	0.0	1.2	3	
7	0	-25	1	-0	0	-0	-0	8.3	4.4	0.8	0.0	12.8	3	
8	0	-10	0	-0	0	-0	-0	3.2	1.8	0.3	0.0	5.0	3	
9	0	29	-1	0	0	0	0	9.5	5.4	1.0	0.0	14.9	3	
2	5	2	-0	0	0	0	0	0.6	0.1	0.1	0.0	0.7	2	
7	5	-25	1	-0	0	-0	-0	8.3	2.9	0.7	0.0	11.2	3	
8	5	-10	0	-0	0	-0	-0	3.2	1.2	0.2	0.0	4.4	3	
9	5	29	-1	0	0	0	0	9.5	3.4	1.0	0.0	12.9	3	
2	10	2	-0	0	0	-0	0	0.6	0.0	0.1	0.0	0.7	2	
7	10	-25	1	-0	0	-0	-0	8.3	1.4	0.7	0.0	9.7	3	
8	10	-10	0	-0	0	0	-0	3.2	0.7	0.2	0.0	3.8	1	
9	10	29	-1	0	0	0	0	9.6	1.3	1.0	0.0	10.9	3	

ASTA NUM. 263 NI 3964 NF 3963 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	2	0	-0	0	0	0	0.7	0.0	0.0	0.0	0.7	2
7	0	-10	0	0	0	-0	-0	3.2	1.9	0.2	0.0	5.1	3
8	0	-7	0	0	0	-0	-0	2.3	1.3	0.1	0.0	3.6	3
9	0	10	-0	-0	0	0	0	3.2	1.8	0.1	0.0	5.0	3
2	14	2	-0	-0	0	0	0	0.7	0.3	0.0	0.0	1.1	3
7	14	-10	0	0	0	-0	-0	3.2	1.1	0.1	0.0	4.3	3
8	14	-7	0	0	0	-0	-0	2.3	0.8	0.1	0.0	3.0	3
9	14	10	-0	-0	0	0	0	3.3	1.3	0.2	0.0	4.5	3
2	27	2	-0	-0	0	0	0	0.8	0.1	0.1	0.0	0.8	2
7	27	-9	0	0	0	-0	-0	3.1	0.6	0.1	0.0	3.8	3
8	27	-7	0	0	0	-0	-0	2.2	0.6	0.0	0.0	2.8	3
9	27	10	-0	-0	0	0	0	3.3	0.2	0.2	0.0	3.6	2

ASTA NUM. 434 NI 3963 NF 3925 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	5	0	0	0	0	0	1.6	0.8	0.1	0.0	2.3	3	
7	0	-11	1	-0	0	-0	-0	3.8	3.1	0.4	0.0	6.9	3	
8	0	-10	0	-0	0	-0	-0	3.3	2.4	0.4	0.0	5.7	3	
9	0	13	-0	0	0	0	0	4.3	3.1	0.1	0.0	7.4	3	
2	14	5	-0	0	0	0	0	1.7	0.8	0.1	0.0	2.5	3	
7	14	-11	0	-0	0	-0	-0	3.7	1.2	0.3	0.0	4.8	3	
8	14	-10	0	-0	0	-0	-0	3.2	1.0	0.2	0.0	4.2	3	
9	14	14	-0	0	0	0	0	4.4	1.8	0.3	0.0	6.2	3	
2	27	5	-0	0	0	-0	0	1.8	0.0	0.3	0.0	1.9	2	
7	27	-11	0	-0	0	0	0	3.5	0.0	0.1	0.0	3.5	2	
8	27	-9	-0	-0	0	0	-0	3.1	0.5	0.0	0.0	3.6	3	
9	27	14	-1	0	0	-0	-0	4.6	0.5	0.5	0.0	5.0	3	

ASTA NUM. 408 NI 4105 NF 4104 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-15	-0	-0	0	-0	-0	5.1	0.7	0.1	0.0	5.7	3	
7	0	-0	0	0	0	0	-0	0.2	0.8	0.3	0.0	1.0	3	
8	0	20	1	0	0	0	0	6.4	0.3	0.5	0.0	6.7	3	
9	0	-2	-0	-0	0	-0	0	0.6	0.5	0.0	0.0	1.1	3	
2	14	-15	-0	-0	0	0	-0	5.0	1.6	0.3	0.0	6.6	3	
7	14	-0	0	0	0	-0	0	0.0	0.0	0.1	0.0	0.2	2	
8	14	20	0	0	0	-0	0	6.6	2.5	0.3	0.0	9.1	3	
9	14	-1	-0	-0	0	0	0	0.5	0.1	0.2	0.0	0.6	2	
2	27	-15	-1	-0	0	0	-0	4.8	3.5	0.4	0.0	8.4	3	
7	27	0	-0	0	0	-0	0	0.1	0.1	0.1	0.0	0.2	2	
8	27	20	0	0	0	-0	0	6.7	3.8	0.1	0.0	10.5	3	
9	27	-1	-1	-0	0	0	-0	0.4	1.5	0.4	0.0	1.9	3	

ASTA NUM. 275 NI 4104 NF 4094 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	-0	0	0	0	-0	3.6	0.8	0.1	0.0	4.4	3	
7	0	0	0	-0	0	-0	0	0.1	0.1	0.1	0.0	0.3	2	
8	0	12	0	-0	0	-0	0	3.9	0.7	0.2	0.0	4.7	3	
9	0	-4	-0	0	0	0	0	1.4	0.1	0.0	0.0	1.5	2	
2	14	-11	-0	0	0	0	-0	3.6	1.2	0.1	0.0	4.8	3	
7	14	1	0	-0	0	-0	0	0.2	0.0	0.0	0.0	0.2	2	
8	14	12	0	-0	0	-0	0	4.0	1.5	0.2	0.0	5.5	3	
9	14	-4	-0	0	0	0	-0	1.3	0.4	0.1	0.0	1.8	3	
2	27	-11	-0	0	0	0	-0	3.5	2.0	0.2	0.0	5.5	3	
7	27	1	-0	-0	0	0	0	0.2	0.0	0.0	0.0	0.2	2	
8	27	12	0	-0	0	-0	0	4.0	2.0	0.1	0.0	6.0	3	
9	27	-4	-0	0	0	-0	-0	1.3	1.0	0.2	0.0	2.3	3	

ASTA NUM. 276 NI 4094 NF 4093 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-27	-1	-0	0	0	-0	8.7	1.6	0.7	0.0	10.3	3	
7	0	1	0	0	0	0	0	0.2	0.0	0.2	0.0	0.3	2	
8	0	31	1	0	0	-0	0	10.3	1.6	1.0	0.0	11.8	3	
9	0	-7	-0	-0	0	-0	-0	2.4	0.4	0.2	0.0	2.8	3	
2	5	-26	-1	-0	0	0	-0	8.7	3.1	0.7	0.0	11.8	3	
7	5	1	0	0	0	-0	0	0.2	0.1	0.1	0.0	0.4	2	
8	5	31	1	0	0	-0	0	10.3	3.7	1.0	0.0	13.9	3	
9	5	-7	-0	-0	0	0	-0	2.4	0.9	0.3	0.0	3.4	3	
2	10	-26	-1	-0	0	0	-0	8.7	4.6	0.8	0.0	13.3	3	
7	10	1	0	0	0	-0	0	0.2	0.5	0.1	0.0	0.7	3	
8	10	31	1	0	0	-0	0	10.3	5.7	1.0	0.0	16.0	3	
9	10	-7	-0	-0	0	0	-0	2.4	1.6	0.3	0.0	4.0	3	

ASTA NUM. 273 NI 4093 NF 4092 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-182	-2	0	0	0	-0	60.0	4.2	1.5	0.0	64.3	3	
7	0	-4	0	-0	0	-0	-0	1.4	0.8	0.1	0.0	2.2	3	
8	0	245	3	-0	0	-0	0	80.6	4.3	2.4	0.0	84.9	3	
9	0	-10	0	0	0	0	-0	3.1	1.1	0.1	0.0	4.2	3	
2	27	-182	-2	0	0	0	-1	60.0	19.9	1.6	0.0	79.9	3	
7	27	-4	-0	-0	0	-0	0	1.3	0.0	0.0	0.0	1.4	2	
8	27	245	3	-0	0	-0	1	80.6	27.3	2.2	0.0	108.0	3	
9	27	-9	-0	0	0	0	-0	3.1	0.9	0.1	0.0	3.9	3	
2	55	-182	-2	0	0	0	-1	59.9	36.9	1.8	0.0	96.8	3	
7	55	-4	-0	-0	0	0	-0	1.3	1.2	0.1	0.0	2.5	3	
8	55	245	3	-0	0	-0	2	80.7	49.1	2.1	0.0	129.8	3	
9	55	-9	-0	0	0	-0	-0	3.0	2.3	0.2	0.0	5.3	3	

ASTA NUM. 274 NI 4092 NF 4096 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-462	-2	-0	0	0	-1	152.0	35.9	1.4	0.0	188.0	3	
7	0	-21	-0	0	0	0	-0	7.0	0.8	0.1	0.0	7.8	3	
8	0	623	3	0	0	-0	2	205.0	47.8	2.1	0.0	252.8	3	
9	0	-7	0	-0	0	-0	-0	2.2	2.7	0.3	0.0	4.9	3	
2	27	-462	-2	-0	0	0	-2	152.0	50.9	1.5	0.0	202.9	3	
7	27	-21	-0	0	0	-0	-0	6.9	2.2	0.2	0.0	9.1	3	
8	27	623	3	0	0	-0	3	205.1	69.1	2.0	0.0	274.2	3	
9	27	-7	0	-0	0	0	-0	2.2	0.8	0.1	0.0	3.0	3	
2	55	-462	-2	-0	0	0	-2	151.9	67.1	1.6	0.0	219.0	3	
7	55	-21	-0	0	0	-0	-0	6.8	5.1	0.3	0.0	11.9	3	
8	55	624	3	0	0	-0	3	205.2	89.2	1.9	0.0	294.4	3	
9	55	-6	0	-0	0	0	0	2.1	0.7	0.0	0.0	2.8	2	

ASTA NUM. 277 NI 4096 NF 4095 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-623	-0	1	0	0	-2	205.0	65.7	0.6	0.0	270.7	3	
7	0	-98	-1	-1	0	-0	-0	32.3	5.1	0.8	0.0	37.4	3	
8	0	831	1	-1	0	-0	3	273.3	87.9	0.8	0.0	361.2	3	
9	0	81	2	1	0	0	0	26.6	1.6	1.2	0.0	28.1	3	
2	5	-623	-1	1	0	-0	-2	205.0	66.0	0.6	0.0	271.0	3	

7	5	-98	-1	-1	0	0	-0	32.3	6.7	0.8	0.0	39.0	3
8	5	831	1	-1	0	0	3	273.3	88.5	0.8	0.0	361.8	3
9	5	81	2	1	0	-0	0	26.6	3.7	1.2	0.0	30.3	3
2	10	-623	-1	1	0	-0	-2	205.0	67.8	0.6	0.0	272.8	3
7	10	-98	-1	-1	0	0	-0	32.3	9.1	0.9	0.0	41.4	3
8	10	831	1	-1	0	0	3	273.3	91.0	0.8	0.0	364.3	3
9	10	81	2	1	0	-0	0	26.6	7.2	1.2	0.0	33.8	3

ASTA NUM. 266 NI 4095 NF 4198 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-623	-1	1	0	-0	-2	205.0	67.8	0.6	0.0	272.8	3			
7	0	-98	-1	-1	0	0	-0	32.3	9.1	0.9	0.0	41.4	3			
8	0	831	1	-1	0	0	3	273.3	91.0	0.8	0.0	364.3	3			
9	0	81	2	1	0	-0	0	26.6	7.2	1.2	0.0	33.8	3			
2	14	-623	-1	1	0	-0	-3	204.9	74.1	0.7	0.0	279.0	3			
7	14	-98	-1	-1	0	0	-0	32.2	16.1	1.0	0.0	48.4	3			
8	14	831	1	-1	0	0	3	273.3	98.8	0.8	0.0	372.2	3			
9	14	81	2	1	0	-0	0	26.6	16.8	1.1	0.0	43.4	3			
2	27	-623	-1	1	0	-0	-3	204.9	80.6	0.7	0.0	285.5	3			
7	27	-98	-1	-1	0	0	-1	32.2	23.5	1.0	0.0	55.7	3			
8	27	831	1	-1	0	0	4	273.4	106.4	0.8	0.0	379.7	3			
9	27	81	1	1	0	-0	1	26.7	26.0	1.1	0.0	52.7	3			

ASTA NUM. 335 NI 4198 NF 4200 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-589	1	-5	0	-0	-3	193.7	76.4	3.5	0.0	270.1	3			
7	0	-250	-2	4	0	0	-1	82.2	25.6	3.0	0.0	107.8	3			
8	0	768	-2	6	0	0	3	252.6	100.9	4.6	0.0	353.5	3			
9	0	284	3	-6	0	-0	1	93.3	29.6	4.6	0.0	123.0	3			
2	14	-589	1	-5	0	0	-2	193.7	74.5	3.5	0.0	268.1	3			
7	14	-250	-2	4	0	-0	-1	82.2	36.5	3.0	0.0	118.7	3			
8	14	768	-2	6	0	-0	3	252.6	97.5	4.6	0.0	350.2	3			
9	14	284	3	-6	0	1	1	93.4	45.3	4.6	0.0	138.7	3			
2	27	-589	1	-5	0	1	-2	193.6	88.4	3.5	0.0	282.0	3			
7	27	-250	-2	4	0	-1	-1	82.1	59.9	3.0	0.0	142.1	3			
8	27	768	-2	6	0	-1	3	252.7	114.7	4.6	0.0	367.3	3			
9	27	284	3	-6	0	1	2	93.4	79.3	4.6	0.0	172.7	3			

ASTA NUM. 336 NI 4200 NF 4199 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-249	2	-5	0	-1	-1	81.9	62.5	3.4	0.0	144.4	3			
7	0	-585	-1	5	0	1	-2	192.5	85.7	3.4	0.0	278.1	3			
8	0	288	-3	6	0	1	2	94.6	79.1	4.6	0.0	173.7	3			
9	0	768	2	-7	0	-1	3	252.6	117.0	5.1	0.0	369.6	3			
2	14	-249	2	-5	0	-0	-1	81.9	37.1	3.4	0.0	119.0	3			
7	14	-585	-1	5	0	0	-2	192.4	73.0	3.4	0.0	265.4	3			
8	14	288	-3	6	0	0	1	94.7	44.7	4.6	0.0	139.3	3			
9	14	768	2	-7	0	-0	3	252.6	97.9	5.1	0.0	350.5	3			
2	27	-249	2	-5	0	0	-1	81.8	27.0	3.4	0.0	108.8	3			
7	27	-585	-1	5	0	-0	-3	192.4	77.3	3.4	0.0	269.7	3			
8	27	288	-3	6	0	-0	1	94.7	30.5	4.6	0.0	125.2	3			
9	27	768	2	-7	0	0	3	252.7	103.2	5.1	0.0	355.9	3			

ASTA NUM. 270 NI 4199 NF 3969 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								

cm		kg		kg*m		kg/cmq							
2	0	-110	1	1	0	0	-1	36.3	25.1	1.1	0.0	61.5	3
7	0	-635	1	-1	0	-0	-3	208.8	80.5	1.0	0.0	289.3	3
8	0	97	-2	-2	0	-0	1	31.8	27.9	1.3	0.0	59.7	3
9	0	846	-0	2	0	0	3	278.3	107.6	1.4	0.0	385.9	3
2	14	-110	1	1	0	0	-0	36.3	15.5	1.0	0.0	51.8	3
7	14	-635	1	-1	0	-0	-3	208.8	73.4	1.0	0.0	282.3	3
8	14	97	-2	-2	0	-0	0	31.9	15.5	1.3	0.0	47.4	3
9	14	846	-1	2	0	0	3	278.4	98.5	1.4	0.0	376.9	3
2	27	-110	1	1	0	-0	-0	36.2	7.8	1.0	0.0	44.0	3
7	27	-635	0	-1	0	0	-2	208.8	68.9	1.0	0.0	277.7	3
8	27	97	-2	-2	0	0	0	31.9	4.9	1.4	0.0	36.8	3
9	27	846	-1	2	0	-0	3	278.4	92.4	1.4	0.0	370.8	3

ASTA NUM. 269 NI 3969 NF 3972 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-59	0	-0	0	-0	-0	19.5	7.8	0.3	0.0	27.3	3	
7	0	-598	2	1	0	0	-3	196.8	69.5	1.5	0.0	266.4	3	
8	0	32	-0	1	0	0	0	10.7	4.8	0.4	0.0	15.5	3	
9	0	802	-3	-1	0	-0	3	264.0	93.3	1.9	0.0	357.3	3	
2	5	-59	0	-0	0	-0	-0	19.5	6.7	0.3	0.0	26.3	3	
7	5	-598	2	1	0	0	-2	196.8	66.0	1.5	0.0	262.9	3	
8	5	32	-0	1	0	0	0	10.7	3.8	0.4	0.0	14.5	3	
9	5	803	-3	-1	0	-0	3	264.0	88.7	1.9	0.0	352.7	3	
2	10	-59	0	-0	0	0	-0	19.5	6.5	0.3	0.0	26.0	3	
7	10	-598	2	1	0	-0	-2	196.8	63.5	1.4	0.0	260.3	3	
8	10	33	-0	1	0	-0	0	10.7	3.9	0.4	0.0	14.6	3	
9	10	803	-3	-1	0	0	3	264.0	85.4	1.9	0.0	349.4	3	

ASTA NUM. 272 NI 3972 NF 3971 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-22	0	0	0	0	-0	7.1	5.1	0.3	0.0	12.2	3	
7	0	-462	2	-0	0	-0	-2	151.9	66.8	1.6	0.0	218.7	3	
8	0	-6	-0	-0	0	-0	0	2.1	0.6	0.0	0.0	2.7	2	
9	0	623	-3	0	0	0	3	204.8	88.9	1.9	0.0	293.7	3	
2	27	-21	0	0	0	0	-0	7.0	2.3	0.2	0.0	9.3	3	
7	27	-462	2	-0	0	-0	-2	151.9	50.5	1.5	0.0	202.4	3	
8	27	-6	-0	-0	0	-0	-0	2.0	0.7	0.1	0.0	2.7	3	
9	27	623	-3	0	0	0	3	204.9	68.7	2.0	0.0	273.6	3	
2	55	-21	0	0	0	-0	-0	7.0	0.9	0.1	0.0	7.9	3	
7	55	-461	2	-0	0	0	-1	151.8	36.2	1.4	0.0	188.0	3	
8	55	-6	-0	-0	0	0	-0	1.9	2.6	0.3	0.0	4.5	3	
9	55	623	-3	0	0	-0	2	204.9	48.2	2.1	0.0	253.1	3	

ASTA NUM. 271 NI 3971 NF 3970 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	-0	-0	1.4	1.2	0.1	0.0	2.6	3	
7	0	-183	2	0	0	0	-1	60.2	37.3	1.8	0.0	97.5	3	
8	0	-10	0	0	0	0	-0	3.3	2.3	0.2	0.0	5.6	3	
9	0	245	-3	-0	0	-0	2	80.7	49.6	2.1	0.0	130.3	3	
2	27	-4	0	0	0	-0	0	1.3	0.1	0.0	0.0	1.4	2	
7	27	-183	2	0	0	0	-1	60.1	20.1	1.6	0.0	80.3	3	
8	27	-10	0	0	0	0	-0	3.2	1.0	0.1	0.0	4.2	3	
9	27	246	-3	-0	0	-0	1	80.8	27.5	2.2	0.0	108.3	3	
2	55	-4	-0	0	0	-0	-0	1.2	0.7	0.1	0.0	2.0	3	
7	55	-183	2	0	0	0	-0	60.1	4.2	1.5	0.0	64.2	3	
8	55	-10	-0	0	0	0	-0	3.2	1.0	0.1	0.0	4.1	3	
9	55	246	-3	-0	0	-0	0	80.9	4.2	2.4	0.0	85.1	3	

ASTA NUM. 268 NI 3970 NF 3968 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	0	-0	-0	0	-0	0	0.0	0.1	0.1	0.0	0.2	2	
7	0	-27	1	0	0	0	-0	8.8	4.5	0.8	0.0	13.3	3	
8	0	-7	0	0	0	0	-0	2.4	1.4	0.3	0.0	3.8	3	
9	0	31	-1	-0	0	-0	0	10.3	5.5	1.0	0.0	15.8	3	
2	5	0	-0	-0	0	-0	0	0.0	0.0	0.1	0.0	0.2	2	
7	5	-27	1	0	0	0	-0	8.8	3.0	0.7	0.0	11.8	3	
8	5	-7	0	0	0	0	-0	2.4	0.8	0.2	0.0	3.2	3	
9	5	31	-1	-0	0	-0	0	10.3	3.6	1.0	0.0	13.9	3	
2	10	0	-0	-0	0	0	0	0.1	0.0	0.2	0.0	0.3	2	
7	10	-27	1	0	0	0	-0	8.8	1.6	0.7	0.0	10.4	3	
8	10	-7	0	0	0	-0	-0	2.3	0.4	0.2	0.0	2.7	3	
9	10	31	-1	-0	0	-0	0	10.3	1.6	1.0	0.0	11.9	3	

ASTA NUM. 267 NI 3968 NF 3967 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	0	0	0	0	-0	0	0.1	0.0	0.0	0.0	0.1	2	
7	0	-11	0	-0	0	0	-0	3.7	2.0	0.2	0.0	5.7	3	
8	0	-4	0	-0	0	0	-0	1.4	1.0	0.1	0.0	2.4	3	
9	0	12	-0	0	0	-0	0	4.0	2.0	0.1	0.0	6.0	3	
2	14	0	-0	0	0	-0	0	0.1	0.0	0.0	0.0	0.1	2	
7	14	-11	0	-0	0	0	-0	3.7	1.3	0.1	0.0	4.9	3	
8	14	-4	0	-0	0	0	-0	1.3	0.5	0.1	0.0	1.8	3	
9	14	12	-0	0	0	-0	0	4.0	1.5	0.1	0.0	5.6	3	
2	27	0	-0	0	0	-0	0	0.1	0.1	0.1	0.0	0.3	2	
7	27	-11	0	-0	0	0	-0	3.6	0.8	0.1	0.0	4.5	3	
8	27	-4	0	-0	0	0	0	1.3	0.1	0.0	0.0	1.4	2	
9	27	12	-0	0	0	-0	0	4.1	0.8	0.2	0.0	4.8	3	

ASTA NUM. 396 NI 3967 NF 3965 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	-0	0	-0	0	0.3	0.1	0.1	0.0	0.4	2	
7	0	-16	1	0	0	0	-0	5.2	3.6	0.5	0.0	8.7	3	
8	0	-2	0	0	0	0	-0	0.6	1.5	0.4	0.0	2.1	3	
9	0	19	-0	-0	0	-0	0	6.4	3.9	0.2	0.0	10.3	3	
2	14	-0	-0	-0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2	
7	14	-15	0	0	0	0	-0	5.0	1.6	0.3	0.0	6.7	3	
8	14	-1	0	0	0	0	0	0.5	0.1	0.2	0.0	0.6	2	
9	14	20	-0	-0	0	-0	0	6.5	2.5	0.3	0.0	9.0	3	
2	27	-0	-0	-0	0	0	-0	0.0	0.8	0.3	0.0	0.8	3	
7	27	-15	0	0	0	-0	-0	4.9	0.6	0.1	0.0	5.5	3	
8	27	-1	0	0	0	-0	0	0.4	0.5	0.0	0.0	0.8	3	
9	27	20	-1	-0	0	0	0	6.6	0.0	0.5	0.0	6.7	2	

ASTA NUM. 407 NI 4103 NF 4102 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	9	1	-0	0	-0	-0	2.8	0.4	0.4	0.0	3.2	3	
7	0	-9	0	0	0	0	-0	2.9	0.6	0.1	0.0	3.6	3	
8	0	-13	-0	0	0	0	0	4.4	0.0	0.1	0.0	4.4	2	
9	0	12	0	-0	0	-0	0	3.8	0.3	0.3	0.0	4.1	3	

2	14	9	0	-0	0	0	0	2.9	1.2	0.2	0.0	4.2	3
7	14	-9	-0	0	0	-0	-0	2.8	0.8	0.1	0.0	3.6	3
8	14	-13	-0	0	0	-0	-0	4.2	1.4	0.3	0.0	5.6	3
9	14	12	0	-0	0	0	0	4.0	1.6	0.2	0.0	5.5	3
2	27	9	0	-0	0	0	0	3.1	1.9	0.0	0.0	5.0	3
7	27	-8	-0	0	0	-0	-0	2.7	2.0	0.3	0.0	4.6	3
8	27	-13	-1	0	0	-0	-0	4.1	3.6	0.5	0.0	7.8	3
9	27	12	-0	-0	0	0	0	4.1	1.9	0.0	0.0	6.0	3

ASTA NUM. 280 NI 4102 NF 4097 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	7	0	0	0	0	-0	2.4	0.6	0.3	0.0	3.0	3	
7	0	-8	-0	-0	0	-0	0	2.7	0.4	0.2	0.0	3.0	3	
8	0	-14	-1	-0	0	-0	0	4.7	0.9	0.4	0.0	5.5	3	
9	0	8	0	0	0	0	-0	2.6	0.5	0.3	0.0	3.1	3	
2	14	8	0	0	0	0	0	2.5	1.0	0.2	0.0	3.4	3	
7	14	-8	-0	-0	0	-0	-0	2.6	0.9	0.3	0.0	3.5	3	
8	14	-14	-1	-0	0	-0	-0	4.7	1.6	0.4	0.0	6.3	3	
9	14	8	0	0	0	0	0	2.7	1.0	0.2	0.0	3.7	3	
2	27	8	0	0	0	0	0	2.5	1.9	0.2	0.0	4.4	3	
7	27	-8	-0	-0	0	-0	-0	2.6	2.3	0.3	0.0	4.9	3	
8	27	-14	-1	-0	0	-0	-0	4.6	3.9	0.5	0.0	8.6	3	
9	27	8	0	0	0	0	0	2.7	2.0	0.2	0.0	4.7	3	

ASTA NUM. 279 NI 4097 NF 4100 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	0	0	0	0	-0	2.6	1.2	0.1	0.0	3.8	3	
7	0	7	0	-0	0	-0	0	2.1	0.7	0.2	0.0	2.8	3	
8	0	15	-0	-0	0	-0	0	4.8	2.1	0.1	0.0	6.9	3	
9	0	-6	-0	0	0	0	-0	2.0	0.6	0.2	0.0	2.6	3	
2	5	-8	0	0	0	0	-0	2.6	0.9	0.1	0.0	3.5	3	
7	5	7	0	-0	0	-0	0	2.2	0.9	0.1	0.0	3.0	3	
8	5	15	-0	-0	0	-0	0	4.8	1.8	0.1	0.0	6.6	3	
9	5	-6	-0	0	0	0	-0	2.0	0.8	0.2	0.0	2.8	3	
2	10	-8	0	0	0	-0	-0	2.6	0.7	0.1	0.0	3.3	3	
7	10	7	0	-0	0	0	0	2.2	1.0	0.1	0.0	3.2	3	
8	10	15	-0	-0	0	0	0	4.8	1.4	0.1	0.0	6.2	3	
9	10	-6	-0	0	0	-0	-0	2.0	1.1	0.2	0.0	3.1	3	

ASTA NUM. 282 NI 4100 NF 4099 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-156	-2	0	0	0	-0	51.3	2.7	1.4	0.0	54.0	3	
7	0	-12	0	-0	0	-0	-0	3.9	1.8	0.1	0.0	5.6	3	
8	0	209	3	-0	0	-0	0	68.7	2.0	2.2	0.0	70.7	3	
9	0	3	0	0	0	0	0	1.0	0.5	0.1	0.0	1.5	3	
2	27	-156	-2	0	0	0	-1	51.2	17.1	1.5	0.0	68.3	3	
7	27	-11	-0	-0	0	0	-0	3.8	1.1	0.0	0.0	4.9	3	
8	27	209	3	-0	0	-0	1	68.8	23.4	2.1	0.0	92.2	3	
9	27	3	-0	0	0	0	0	1.0	0.6	0.0	0.0	1.6	3	
2	55	-155	-2	0	0	0	-1	51.1	32.7	1.6	0.0	83.8	3	
7	55	-11	-0	-0	0	0	-0	3.7	2.0	0.1	0.0	5.7	3	
8	55	209	3	-0	0	-0	2	68.9	43.5	2.0	0.0	112.4	3	
9	55	3	-0	0	0	-0	-0	1.1	0.6	0.2	0.0	1.7	3	

ASTA NUM. 281 NI 4099 NF 4098 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-440	-2	-0	0	0	-1	144.9	32.7	1.5	0.0	177.5	3
7	0	-13	0	0	0	0	-0	4.2	2.5	0.2	0.0	6.7	3
8	0	596	3	0	0	-0	2	196.2	43.2	2.3	0.0	239.4	3
9	0	-14	-0	-0	0	-0	0	4.7	0.2	0.1	0.0	4.9	2
2	27	-440	-2	-0	0	0	-2	144.8	48.4	1.6	0.0	193.2	3
7	27	-13	0	0	0	-0	-0	4.1	1.4	0.0	0.0	5.6	3
8	27	597	3	0	0	-0	2	196.3	66.3	2.2	0.0	262.6	3
9	27	-14	-0	-0	0	0	-0	4.7	1.5	0.2	0.0	6.2	3
2	55	-440	-2	-0	0	0	-2	144.7	65.5	1.7	0.0	210.2	3
7	55	-12	-0	0	0	-0	-0	4.0	2.1	0.1	0.0	6.1	3
8	55	597	3	0	0	-0	3	196.3	88.2	2.0	0.0	284.5	3
9	55	-14	-0	-0	0	0	-0	4.6	4.4	0.3	0.0	9.0	3

ASTA NUM. 278 NI 4098 NF 4101 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
cm		kg			kg*m			kg/cmq						
2	0	-765	-4	1	0	0	-2	251.7	63.7	2.8	0.0	315.5	3	
7	0	52	2	-1	0	-0	-0	17.1	5.0	1.5	0.0	22.1	3	
8	0	1036	6	-1	0	-0	3	340.8	85.9	4.1	0.0	426.7	3	
9	0	-131	-3	1	0	0	0	43.2	1.1	2.1	0.0	44.3	3	
2	5	-765	-4	1	0	-0	-3	251.7	68.8	2.9	0.0	320.5	3	
7	5	52	2	-1	0	0	-0	17.1	2.1	1.5	0.0	19.2	3	
8	5	1036	6	-1	0	0	3	340.8	92.7	4.1	0.0	433.4	3	
9	5	-131	-3	1	0	-0	-0	43.1	4.1	2.1	0.0	47.2	3	
2	10	-765	-4	1	0	-0	-3	251.7	74.9	2.9	0.0	326.6	3	
7	10	52	2	-1	0	0	0	17.1	2.9	1.5	0.0	20.0	3	
8	10	1036	5	-1	0	0	4	340.8	101.7	4.1	0.0	442.5	3	
9	10	-131	-3	1	0	-0	-0	43.1	9.4	2.2	0.0	52.5	3	

ASTA NUM. 288 NI 4101 NF 4173 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
cm		kg			kg*m			kg/cmq						
2	0	-765	-4	1	0	-0	-3	251.7	74.9	3.1	0.0	326.6	3	
7	0	52	2	-1	0	0	0	17.1	2.9	1.5	0.0	20.0	3	
8	0	1036	6	-1	0	0	4	340.8	101.7	4.4	0.0	442.5	3	
9	0	-131	-3	1	0	-0	-0	43.1	9.4	2.2	0.0	52.5	3	
2	14	-765	-4	1	0	-0	-3	251.7	92.9	3.2	0.0	344.6	3	
7	14	52	2	-1	0	0	0	17.1	13.5	1.4	0.0	30.7	3	
8	14	1036	6	-1	0	0	4	341.0	127.9	4.3	0.0	468.8	3	
9	14	-131	-3	1	0	-0	-1	43.1	24.2	2.3	0.0	67.3	3	
2	27	-765	-4	1	0	-0	-4	251.6	111.3	3.2	0.0	363.0	3	
7	27	52	2	-1	0	0	1	17.2	23.8	1.4	0.0	41.0	3	
8	27	1037	6	-1	0	0	5	341.1	153.7	4.3	0.0	494.8	3	
9	27	-131	-3	1	0	-0	-1	43.1	39.3	2.3	0.0	82.4	3	

ASTA NUM. 289 NI 4173 NF 4172 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
cm		kg			kg*m			kg/cmq						
2	0	-1440	-26	-3	0	-0	-2	473.7	67.2	19.1	0.0	540.9	3	
7	0	474	22	6	0	0	-1	155.8	37.3	16.1	0.0	193.1	3	
8	0	1972	37	7	0	0	3	648.7	90.8	27.1	0.0	739.5	3	
9	0	-762	-31	-6	0	-0	1	250.6	42.7	23.2	0.0	293.2	3	
2	14	-1440	-26	-3	0	0	-6	473.7	164.6	19.1	0.0	638.3	3	
7	14	474	22	6	0	-0	2	155.8	65.1	16.0	0.0	221.0	3	
8	14	1972	37	7	0	-1	8	648.8	231.6	27.0	0.0	880.4	3	
9	14	-762	-32	-6	0	0	-3	250.5	96.7	23.3	0.0	347.2	3	
2	27	-1440	-26	-3	0	1	-9	473.7	273.0	19.2	0.0	746.6	3	
7	27	474	22	6	0	-1	5	155.9	167.3	16.0	0.0	323.2	3	
8	27	1973	36	7	0	-1	13	649.0	392.7	26.9	0.0	1041.7	3	

9 27 -762 -32 -6 0 1 -7 250.5 236.3 23.3 0.0 486.8 3
ASTA NUM. 317 NI 4172 NF 3775 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	471	-22	-4	0	-1	5	155.0	155.4	16.0	0.0	310.4	3	
7	0	-1448	26	5	0	1	-9	476.3	287.2	19.4	0.0	763.5	3	
8	0	-767	32	8	0	2	-7	252.3	248.0	23.5	0.0	500.3	3	
9	0	1974	-37	-5	0	-1	13	649.3	384.5	27.0	0.0	1033.8	3	
2	14	471	-22	-4	0	-0	2	155.0	59.9	16.0	0.0	215.0	3	
7	14	-1448	26	5	0	0	-6	476.2	169.9	19.3	0.0	646.1	3	
8	14	-767	32	8	0	1	-3	252.3	100.7	23.4	0.0	352.9	3	
9	14	1974	-37	-5	0	-0	8	649.5	227.7	27.1	0.0	877.2	3	
2	27	471	-22	-4	0	0	-1	155.1	35.9	16.1	0.0	190.9	3	
7	27	-1447	26	5	0	-0	-2	476.0	70.8	19.2	0.0	546.7	3	
8	27	-767	32	8	0	-0	1	252.2	46.3	23.3	0.0	298.5	3	
9	27	1975	-37	-5	0	0	3	649.7	90.2	27.1	0.0	739.8	3	

ASTA NUM. 318 NI 3775 NF 3975 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	65	-3	1	0	0	1	21.5	25.0	2.1	0.0	46.4	3	
7	0	-813	5	-1	0	-0	-4	267.4	116.6	3.7	0.0	384.0	3	
8	0	-156	4	-2	0	-0	-1	51.3	46.6	3.3	0.0	97.9	3	
9	0	1099	-7	1	0	0	5	361.5	155.6	4.9	0.0	517.1	3	
2	14	65	-3	1	0	0	0	21.5	10.7	2.1	0.0	32.2	3	
7	14	-813	5	-1	0	-0	-3	267.4	92.9	3.6	0.0	360.3	3	
8	14	-156	4	-2	0	-0	-1	51.3	23.0	3.2	0.0	74.3	3	
9	14	1099	-7	1	0	0	4	361.5	125.0	5.0	0.0	486.5	3	
2	27	66	-3	1	0	-0	-0	21.5	3.9	2.2	0.0	25.4	3	
7	27	-813	5	-1	0	0	-3	267.4	72.7	3.5	0.0	340.1	3	
8	27	-156	4	-2	0	0	-0	51.3	2.4	3.1	0.0	53.7	3	
9	27	1099	-7	1	0	-0	4	361.5	96.8	5.0	0.0	458.3	3	

ASTA NUM. 285 NI 3975 NF 3974 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	8	0	-0	0	-0	0	2.5	1.2	0.2	0.0	3.7	3	
7	0	-634	-0	1	0	0	-3	208.7	70.8	0.5	0.0	279.5	3	
8	0	-60	-0	1	0	0	-0	19.6	7.9	0.5	0.0	27.5	3	
9	0	857	0	-1	0	-0	3	282.0	95.0	0.5	0.0	377.0	3	
2	5	8	-0	-0	0	-0	0	2.5	0.9	0.2	0.0	3.3	3	
7	5	-634	-0	1	0	0	-3	208.6	70.2	0.5	0.0	278.8	3	
8	5	-59	-0	1	0	0	-0	19.6	7.0	0.5	0.0	26.5	3	
9	5	857	0	-1	0	-0	3	282.0	94.5	0.5	0.0	376.5	3	
2	10	8	-0	-0	0	0	0	2.5	1.1	0.2	0.0	3.6	3	
7	10	-634	-0	1	0	-0	-3	208.6	70.6	0.5	0.0	279.2	3	
8	10	-59	-0	1	0	-0	-0	19.5	7.1	0.5	0.0	26.7	3	
9	10	857	0	-1	0	0	3	282.0	95.3	0.5	0.0	377.3	3	

ASTA NUM. 283 NI 3974 NF 3973 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-13	0	0	0	0	-0	4.3	1.9	0.1	0.0	6.1	3	
7	0	-441	2	-0	0	-0	-2	145.1	65.4	1.7	0.0	210.5	3	
8	0	-15	0	-0	0	-0	-0	4.9	4.6	0.3	0.0	9.5	3	
9	0	597	-3	0	0	0	3	196.2	87.5	2.0	0.0	283.8	3	

2	27	-13	-0	0	0	0	-0	4.2	1.4	0.0	0.0	5.6	3
7	27	-441	2	-0	0	-0	-2	145.0	48.2	1.6	0.0	193.2	3
8	27	-15	0	-0	0	-0	-0	4.8	1.6	0.2	0.0	6.5	3
9	27	597	-3	0	0	0	2	196.3	65.8	2.2	0.0	262.2	3
2	55	-12	-0	0	0	-0	-0	4.1	2.3	0.2	0.0	6.4	3
7	55	-441	2	-0	0	0	-1	144.9	33.0	1.5	0.0	178.0	3
8	55	-14	0	-0	0	0	0	4.7	0.1	0.1	0.0	4.9	2
9	55	597	-3	0	0	-0	2	196.4	43.9	2.3	0.0	240.3	3

ASTA NUM. 284 NI 3973 NF 3976 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	0	0	-0	-0	3.6	2.2	0.2	0.0	5.8	3	
7	0	-156	2	0	0	0	-1	51.4	32.6	1.6	0.0	84.0	3	
8	0	2	0	-0	0	0	0	0.7	0.1	0.1	0.0	0.8	2	
9	0	210	-3	-0	0	-0	2	69.0	43.3	1.9	0.0	112.3	3	
2	27	-11	0	0	0	-0	-0	3.5	1.0	0.1	0.0	4.6	3	
7	27	-156	2	0	0	0	-1	51.4	17.2	1.5	0.0	68.6	3	
8	27	2	-0	-0	0	0	0	0.8	0.6	0.0	0.0	1.4	3	
9	27	210	-3	-0	0	-0	1	69.1	23.7	2.0	0.0	92.8	3	
2	55	-10	-0	0	0	-0	-0	3.4	1.1	0.1	0.0	4.6	3	
7	55	-156	2	0	0	0	-0	51.3	3.1	1.3	0.0	54.4	3	
8	55	3	-0	-0	0	0	0	0.9	0.1	0.1	0.0	1.0	2	
9	55	210	-3	-0	0	-0	0	69.2	2.8	2.1	0.0	72.0	3	

ASTA NUM. 286 NI 3976 NF 3978 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	0	-0	0	-0	-0	2.6	1.3	0.2	0.0	3.9	3	
7	0	-3	0	0	0	0	-0	0.9	0.6	0.1	0.0	1.5	3	
8	0	6	-0	0	0	0	0	2.1	1.2	0.2	0.0	3.4	3	
9	0	-1	-0	-0	0	-0	0	0.3	0.3	0.1	0.0	0.6	2	
2	5	-8	0	-0	0	-0	-0	2.6	0.9	0.1	0.0	3.5	3	
7	5	-3	0	0	0	0	-0	0.9	0.4	0.1	0.0	1.3	3	
8	5	7	-0	0	0	0	0	2.1	0.8	0.2	0.0	2.9	3	
9	5	-1	-0	-0	0	-0	0	0.3	0.1	0.1	0.0	0.5	2	
2	10	-8	0	-0	0	0	-0	2.6	0.6	0.1	0.0	3.2	3	
7	10	-3	0	0	0	0	0	0.9	0.0	0.0	0.0	0.9	2	
8	10	7	-0	0	0	-0	0	2.2	0.3	0.2	0.0	2.5	3	
9	10	-1	-0	-0	0	-0	-0	0.3	0.3	0.1	0.0	0.6	3	

ASTA NUM. 287 NI 3978 NF 3977 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	0	0	0	-0	1.9	1.0	0.1	0.0	2.9	3	
7	0	6	-0	-0	0	0	0	1.9	1.0	0.0	0.0	2.9	3	
8	0	6	0	-0	0	0	0	1.8	0.8	0.0	0.0	2.6	3	
9	0	-11	0	0	0	-0	-0	3.6	2.0	0.2	0.0	5.6	3	
2	14	-6	0	0	0	-0	-0	1.8	0.6	0.1	0.0	2.4	3	
7	14	6	-0	-0	0	0	0	2.0	0.8	0.1	0.0	2.8	3	
8	14	6	-0	-0	0	0	0	1.9	0.7	0.1	0.0	2.6	3	
9	14	-11	0	0	0	-0	-0	3.5	1.3	0.1	0.0	4.8	3	
2	27	-5	-0	0	0	-0	-0	1.8	0.5	0.0	0.0	2.3	3	
7	27	6	-0	-0	0	0	0	2.0	0.2	0.1	0.0	2.2	2	
8	27	6	-0	-0	0	0	0	1.9	0.4	0.1	0.0	2.3	3	
9	27	-11	0	0	0	-0	-0	3.5	0.9	0.1	0.0	4.4	3	

ASTA NUM. 397 NI 3977 NF 3966 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-9	0	-0	0	-0	-0	2.9	1.9	0.3	0.0	4.8	3	
7	0	8	-0	0	0	0	0	2.8	2.0	0.1	0.0	4.8	3	
8	0	11	0	0	0	0	0	3.8	1.9	0.0	0.0	5.6	3	
9	0	-13	1	-0	0	-0	-0	4.4	3.7	0.5	0.0	8.1	3	
2	14	-9	0	-0	0	-0	-0	2.8	0.8	0.1	0.0	3.6	3	
7	14	9	-0	0	0	0	0	2.9	1.2	0.2	0.0	4.1	3	
8	14	12	-0	0	0	0	0	3.9	1.5	0.1	0.0	5.4	3	
9	14	-13	0	-0	0	-0	-0	4.3	1.4	0.3	0.0	5.7	3	
2	27	-8	-0	-0	0	0	-0	2.7	0.7	0.1	0.0	3.4	3	
7	27	9	-1	0	0	-0	-0	3.0	0.5	0.4	0.0	3.5	3	
8	27	12	-0	0	0	-0	0	4.0	0.0	0.3	0.0	4.0	2	
9	27	-13	0	-0	0	0	0	4.2	0.0	0.2	0.0	4.2	2	

ASTA NUM. 337 NI 4201 NF 4240 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-246	2	-8	0	-2	-1	80.9	79.4	5.7	0.0	160.2	3	
7	0	-579	-1	6	0	1	-2	190.5	96.8	4.7	0.0	287.3	3	
8	0	284	-3	10	0	2	2	93.5	101.2	7.6	0.0	194.7	3	
9	0	760	2	-10	0	-2	3	250.0	135.2	7.3	0.0	385.3	3	
2	14	-246	2	-8	0	-1	-1	80.8	43.3	5.7	0.0	124.1	3	
7	14	-579	-1	6	0	0	-2	190.4	77.2	4.7	0.0	267.6	3	
8	14	284	-3	10	0	1	1	93.5	52.8	7.6	0.0	146.3	3	
9	14	760	2	-10	0	-1	3	250.1	104.8	7.3	0.0	354.9	3	
2	27	-246	2	-8	0	0	-1	80.8	32.2	5.7	0.0	113.0	3	
7	27	-579	-1	6	0	-0	-2	190.4	78.5	4.7	0.0	268.9	3	
8	27	284	-3	10	0	-1	1	93.6	37.5	7.6	0.0	131.1	3	
9	27	760	2	-10	0	1	3	250.1	105.6	7.3	0.0	355.7	3	

ASTA NUM. 374 NI 4240 NF 4242 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-113	1	2	0	0	-1	37.3	30.0	1.4	0.0	67.3	3	
7	0	-633	1	-2	0	-0	-3	208.2	82.0	1.2	0.0	290.2	3	
8	0	101	-2	-3	0	-1	1	33.4	34.3	1.9	0.0	67.7	3	
9	0	844	-0	2	0	1	3	277.5	110.5	1.8	0.0	388.1	3	
2	14	-113	1	2	0	0	-0	37.2	17.8	1.4	0.0	55.0	3	
7	14	-633	1	-2	0	-0	-3	208.2	73.9	1.2	0.0	282.1	3	
8	14	102	-2	-3	0	-0	0	33.4	18.6	1.9	0.0	52.0	3	
9	14	844	-1	2	0	0	3	277.6	99.4	1.8	0.0	377.0	3	
2	27	-113	1	2	0	-0	-0	37.2	9.4	1.4	0.0	46.6	3	
7	27	-633	0	-2	0	0	-2	208.1	69.4	1.2	0.0	277.5	3	
8	27	102	-2	-3	0	0	0	33.4	7.0	1.9	0.0	40.4	3	
9	27	844	-1	2	0	-0	3	277.6	93.2	1.8	0.0	370.8	3	

ASTA NUM. 375 NI 4242 NF 4241 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-64	0	-1	0	-0	-0	21.1	9.5	0.6	0.0	30.6	3	
7	0	-597	2	1	0	0	-3	196.5	69.8	1.4	0.0	266.3	3	
8	0	39	-0	1	0	0	0	13.0	7.2	0.8	0.0	20.2	3	
9	0	801	-2	-1	0	-0	3	263.6	93.9	1.8	0.0	357.5	3	
2	5	-64	0	-1	0	-0	-0	21.1	7.7	0.6	0.0	28.8	3	
7	5	-597	2	1	0	0	-2	196.5	66.3	1.4	0.0	262.8	3	
8	5	40	-0	1	0	0	0	13.0	5.1	0.8	0.0	18.1	3	
9	5	801	-2	-1	0	-0	3	263.6	89.1	1.8	0.0	352.7	3	
2	10	-64	0	-1	0	0	-0	21.1	6.9	0.6	0.0	28.0	3	
7	10	-597	2	1	0	-0	-2	196.5	63.4	1.4	0.0	259.9	3	

8 10 40 -0 1 0 -0 0 13.0 4.4 0.8 0.0 17.5 3
 9 10 801 -2 -1 0 0 3 263.6 85.2 1.8 0.0 348.8 3

ASTA NUM. 372 NI 4241 NF 4239 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-28	0	0	0	0	-0	9.4	6.3	0.3	0.0	15.7	3	
7	0	-464	2	-0	0	-0	-2	152.5	66.9	1.6	0.0	219.3	3	
8	0	3	-0	-0	0	-0	0	1.0	2.5	0.1	0.0	3.6	3	
9	0	625	-3	0	0	0	3	205.5	89.0	1.9	0.0	294.5	3	
2	27	-28	0	0	0	0	-0	9.3	3.2	0.2	0.0	12.4	3	
7	27	-463	2	-0	0	-0	-2	152.4	50.7	1.5	0.0	203.1	3	
8	27	3	-0	-0	0	-0	0	1.1	0.9	0.2	0.0	2.1	3	
9	27	625	-3	0	0	-0	3	205.6	68.9	2.0	0.0	274.5	3	
2	55	-28	0	0	0	-0	-0	9.2	1.4	0.1	0.0	10.6	3	
7	55	-463	2	-0	0	0	-1	152.3	36.4	1.4	0.0	188.7	3	
8	55	4	-0	-0	0	0	-0	1.2	1.9	0.3	0.0	3.1	3	
9	55	625	-3	0	0	-0	2	205.7	48.3	2.1	0.0	254.0	3	

ASTA NUM. 373 NI 4239 NF 4243 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	-0	-0	3.0	2.1	0.2	0.0	5.1	3	
7	0	-183	2	0	0	0	-1	60.3	37.9	1.8	0.0	98.2	3	
8	0	-3	0	-0	0	0	-0	1.1	1.0	0.1	0.0	2.1	3	
9	0	245	-3	-0	0	-0	2	80.7	50.3	2.2	0.0	131.0	3	
2	27	-9	0	0	0	-0	-0	3.0	0.9	0.1	0.0	3.8	3	
7	27	-183	2	0	0	0	-1	60.2	20.1	1.7	0.0	80.3	3	
8	27	-3	0	-0	0	0	0	1.0	0.2	0.0	0.0	1.1	2	
9	27	246	-3	-0	0	-0	1	80.8	27.5	2.3	0.0	108.3	3	
2	55	-9	-0	0	0	-0	-0	2.9	0.9	0.1	0.0	3.8	3	
7	55	-183	2	0	0	0	-0	60.1	3.6	1.6	0.0	63.7	3	
8	55	-3	-0	-0	0	0	-0	0.9	0.8	0.1	0.0	1.7	3	
9	55	246	-3	-0	0	-0	0	80.9	3.4	2.4	0.0	84.3	3	

ASTA NUM. 376 NI 4243 NF 4244 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	-0	-0	1.3	0.7	0.1	0.0	1.9	3	
7	0	-24	1	0	0	0	-0	7.9	4.5	1.0	0.0	12.4	3	
8	0	-2	0	0	0	0	0	0.6	0.2	0.0	0.0	0.8	2	
9	0	27	-2	-0	0	-0	0	9.0	5.4	1.3	0.0	14.4	3	
2	5	-4	0	-0	0	-0	-0	1.2	0.5	0.1	0.0	1.7	3	
7	5	-24	1	0	0	-0	-0	7.9	2.6	0.9	0.0	10.6	3	
8	5	-2	-0	0	0	0	0	0.6	0.1	0.0	0.0	0.7	2	
9	5	27	-2	-0	0	0	0	9.0	3.0	1.3	0.0	12.0	3	
2	10	-4	0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	10	-24	1	0	0	-0	-0	7.9	1.0	0.9	0.0	8.9	3	
8	10	-2	-0	0	0	0	0	0.6	0.1	0.0	0.0	0.7	2	
9	10	27	-2	-0	0	0	0	9.0	0.8	1.3	0.0	9.8	5	

ASTA NUM. 377 NI 4244 NF 4248 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	-0	-0	0.9	0.5	0.1	0.0	1.4	3	
7	0	-9	0	-0	0	-0	-0	3.0	2.0	0.2	0.0	5.1	3	
8	0	-0	0	-0	0	0	0	0.1	0.1	0.1	0.0	0.2	2	

9	0	9	-0	0	0	0	0	3.0	2.0	0.1	0.0	5.0	3
2	14	-3	0	0	0	-0	0	0.9	0.1	0.0	0.0	1.0	2
7	14	-9	0	-0	0	-0	-0	3.0	0.9	0.2	0.0	4.0	3
8	14	-0	0	-0	0	0	0	0.0	0.2	0.0	0.0	0.2	2
9	14	9	-0	0	0	0	0	3.1	1.1	0.2	0.0	4.1	3
2	27	-2	-0	0	0	-0	-0	0.8	0.5	0.0	0.0	1.3	3
7	27	-9	0	-0	0	0	0	3.0	0.1	0.1	0.0	3.0	2
8	27	0	-0	-0	0	0	0	0.0	0.2	0.0	0.0	0.3	2
9	27	9	-0	0	0	-0	0	3.1	0.1	0.3	0.0	3.2	2

ASTA NUM. 448 NI 4248 NF 4247 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-7	0	-0	0	-0	-0	2.2	1.1	0.2	0.0	3.3	3		
7	0	-10	1	0	0	0	-0	3.1	2.7	0.4	0.0	5.9	3		
8	0	6	0	0	0	0	0	2.1	0.2	0.3	0.0	2.4	2		
9	0	11	-0	-0	0	-0	0	3.5	2.6	0.1	0.0	6.1	3		
2	14	-6	-0	-0	0	-0	-0	2.0	0.6	0.0	0.0	2.7	3		
7	14	-9	0	0	0	0	-0	3.0	0.9	0.3	0.0	3.9	3		
8	14	7	0	0	0	0	0	2.2	1.0	0.1	0.0	3.2	3		
9	14	11	-0	-0	0	-0	0	3.6	1.4	0.3	0.0	5.0	3		
2	27	-6	-0	-0	0	0	-0	1.9	1.0	0.2	0.0	3.0	3		
7	27	-9	0	0	0	-0	0	2.9	0.0	0.1	0.0	2.9	2		
8	27	7	-0	0	0	-0	0	2.3	0.8	0.1	0.0	3.2	3		
9	27	11	-1	-0	0	0	-0	3.7	0.7	0.5	0.0	4.4	1		

ASTA NUM. 412 NI 4205 NF 4215 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-10	-0	-0	0	0	0	3.2	0.0	0.1	0.0	3.2	2		
7	0	-6	0	0	0	0	-0	2.1	1.0	0.2	0.0	3.1	1		
8	0	11	1	0	0	-0	-0	3.7	0.6	0.5	0.0	4.2	1		
9	0	6	0	-0	0	-0	0	2.1	0.8	0.1	0.0	2.9	1		
2	14	-9	-0	-0	0	0	-0	3.1	0.9	0.3	0.0	4.0	3		
7	14	-6	0	0	0	-0	-0	2.0	0.6	0.0	0.0	2.6	3		
8	14	11	0	0	0	-0	0	3.8	1.5	0.3	0.0	5.2	3		
9	14	7	-0	-0	0	0	0	2.2	1.1	0.1	0.0	3.3	3		
2	27	-9	-1	-0	0	0	-0	2.9	2.7	0.4	0.0	5.7	3		
7	27	-6	-0	0	0	-0	-0	1.8	1.2	0.2	0.0	3.0	3		
8	27	12	0	0	0	-0	0	3.9	2.6	0.1	0.0	6.5	3		
9	27	7	-0	-0	0	0	0	2.3	0.4	0.3	0.0	2.7	2		

ASTA NUM. 351 NI 4215 NF 4214 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-8	-0	0	0	0	0	2.7	0.1	0.1	0.0	2.8	2		
7	0	-3	0	-0	0	-0	-0	0.9	0.6	0.1	0.0	1.6	3		
8	0	8	0	-0	0	-0	0	2.7	0.1	0.2	0.0	2.9	2		
9	0	1	0	0	0	0	0	0.2	0.4	0.1	0.0	0.6	2		
2	14	-8	-0	0	0	-0	-0	2.7	0.9	0.2	0.0	3.5	3		
7	14	-3	-0	-0	0	-0	0	0.9	0.1	0.0	0.0	1.0	2		
8	14	8	0	-0	0	0	0	2.7	1.0	0.2	0.0	3.7	3		
9	14	1	-0	0	0	0	0	0.2	0.1	0.1	0.0	0.3	2		
2	27	-8	-0	0	0	-0	-0	2.6	1.9	0.2	0.0	4.6	3		
7	27	-3	-0	-0	0	0	-0	0.9	0.6	0.1	0.0	1.4	3		
8	27	8	0	-0	0	0	0	2.8	2.0	0.1	0.0	4.8	3		
9	27	1	-0	0	0	-0	0	0.3	0.2	0.1	0.0	0.5	2		

ASTA NUM. 350 NI 4214 NF 4218 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-24	-1	-0	0	-0	-0	8.0	1.2	0.9	0.0	9.3	3	
7	0	-3	-0	0	0	0	0	1.0	0.1	0.2	0.0	1.2	2	
8	0	28	2	0	0	0	0	9.2	1.1	1.2	0.0	10.3	5	
9	0	-3	0	-0	0	-0	-0	0.8	0.9	0.2	0.0	1.7	3	
2	5	-24	-1	-0	0	0	-0	8.0	2.7	0.9	0.0	10.7	3	
7	5	-3	-0	0	0	-0	-0	1.0	0.4	0.2	0.0	1.4	3	
8	5	28	2	0	0	-0	0	9.2	3.1	1.2	0.0	12.3	3	
9	5	-2	0	-0	0	0	0	0.8	0.2	0.2	0.0	1.0	2	
2	10	-24	-1	-0	0	0	-0	8.0	4.6	0.9	0.0	12.6	3	
7	10	-3	-0	0	0	-0	-0	1.0	1.0	0.2	0.0	2.0	3	
8	10	28	2	0	0	-0	0	9.2	5.6	1.2	0.0	14.8	3	
9	10	-2	0	-0	0	0	0	0.8	0.6	0.2	0.0	1.4	2	

ASTA NUM. 353 NI 4218 NF 4217 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-183	-2	0	0	0	-0	60.3	3.8	1.6	0.0	64.1	3	
7	0	-9	0	-0	0	-0	-0	2.9	1.0	0.0	0.0	3.8	3	
8	0	246	3	-0	0	-0	0	80.8	3.7	2.4	0.0	84.5	3	
9	0	-4	0	0	0	0	-0	1.2	1.4	0.1	0.0	2.6	3	
2	27	-183	-2	0	0	0	-1	60.2	20.0	1.7	0.0	80.2	3	
7	27	-8	-0	-0	0	-0	-0	2.8	0.7	0.1	0.0	3.5	3	
8	27	246	3	-0	0	-0	1	80.9	27.3	2.3	0.0	108.2	3	
9	27	-3	0	0	0	0	0	1.1	0.0	0.1	0.0	1.2	2	
2	55	-183	-2	0	0	-0	-1	60.1	37.5	1.8	0.0	97.6	3	
7	55	-8	-0	-0	0	0	-0	2.7	2.5	0.2	0.0	5.2	3	
8	55	246	3	-0	0	0	2	81.0	49.8	2.2	0.0	130.7	3	
9	55	-3	-0	0	0	-0	-0	1.1	1.3	0.1	0.0	2.3	3	

ASTA NUM. 352 NI 4217 NF 4216 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-464	-2	-0	0	-0	-1	152.8	36.1	1.4	0.0	188.8	3	
7	0	-28	-0	0	0	0	-0	9.3	1.6	0.1	0.0	10.9	3	
8	0	626	3	0	0	0	2	205.9	47.9	2.1	0.0	253.9	3	
9	0	3	0	-0	0	-0	-0	1.0	2.3	0.3	0.0	3.4	3	
2	27	-464	-2	-0	0	0	-2	152.7	51.4	1.5	0.0	204.1	3	
7	27	-28	-0	0	0	-0	-0	9.2	3.1	0.2	0.0	12.4	3	
8	27	626	3	0	0	-0	3	206.0	69.8	2.0	0.0	275.8	3	
9	27	3	0	-0	0	0	0	1.1	1.0	0.2	0.0	2.1	3	
2	55	-464	-2	-0	0	0	-2	152.6	68.0	1.6	0.0	220.6	3	
7	55	-28	-0	0	0	-0	-0	9.2	6.7	0.3	0.0	15.8	3	
8	55	626	3	0	0	-0	3	206.1	90.4	1.9	0.0	296.5	3	
9	55	4	0	-0	0	0	0	1.2	3.1	0.1	0.0	4.3	3	

ASTA NUM. 349 NI 4216 NF 4220 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-622	-0	1	0	0	-2	204.7	66.3	0.8	0.0	271.0	3	
7	0	-102	-1	-1	0	-0	-0	33.6	6.3	0.8	0.0	39.9	3	
8	0	830	1	-1	0	-0	3	272.9	88.6	1.1	0.0	361.5	3	
9	0	87	2	2	0	0	0	28.5	3.3	1.2	0.0	31.8	3	
2	5	-622	-0	1	0	-0	-2	204.7	65.8	0.8	0.0	270.4	3	
7	5	-102	-1	-1	0	0	-0	33.6	7.4	0.8	0.0	41.0	3	
8	5	830	1	-1	0	0	3	272.9	88.2	1.1	0.0	361.2	3	
9	5	87	2	2	0	-0	0	28.5	4.7	1.2	0.0	33.2	3	
2	10	-622	-1	1	0	-0	-2	204.6	67.9	0.8	0.0	272.5	3	

7	10	-102	-1	-1	0	0	-0	33.6	10.4	0.8	0.0	43.9	3
8	10	830	1	-1	0	0	3	273.0	91.1	1.1	0.0	364.0	3
9	10	87	2	2	0	-0	0	28.5	9.0	1.2	0.0	37.5	3

ASTA NUM. 354 NI 4220 NF 4219 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-622	-1	1	0	-0	-2	204.6	67.9	0.8	0.0	272.5	3	
7	0	-102	-1	-1	0	0	-0	33.6	10.4	0.8	0.0	43.9	3	
8	0	830	1	-1	0	0	3	273.0	91.1	1.1	0.0	364.0	3	
9	0	87	2	2	0	-0	0	28.5	9.0	1.2	0.0	37.5	3	
2	14	-622	-1	1	0	-0	-3	204.6	74.9	0.8	0.0	279.5	3	
7	14	-102	-1	-1	0	0	-0	33.5	18.8	0.9	0.0	52.3	3	
8	14	830	1	-1	0	0	3	273.0	100.0	1.1	0.0	373.0	3	
9	14	87	1	2	0	-0	0	28.5	20.7	1.2	0.0	49.2	3	
2	27	-622	-1	1	0	-0	-3	204.6	82.2	0.8	0.0	286.7	3	
7	27	-102	-1	-1	0	0	-1	33.5	27.5	1.0	0.0	60.9	3	
8	27	830	1	-1	0	0	4	273.0	108.6	1.1	0.0	381.6	3	
9	27	87	1	2	0	-1	1	28.6	32.0	1.2	0.0	60.6	3	

ASTA NUM. 338 NI 4219 NF 4201 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-582	1	-7	0	-0	-2	191.5	77.5	4.9	0.0	269.1	3	
7	0	-247	-2	7	0	0	-1	81.2	30.0	5.1	0.0	111.2	3	
8	0	760	-2	9	0	0	3	250.0	102.5	6.5	0.0	352.5	3	
9	0	281	3	-10	0	-1	1	92.3	36.1	7.7	0.0	128.4	3	
2	14	-582	1	-7	0	1	-2	191.5	79.1	4.9	0.0	270.6	3	
7	14	-247	-2	7	0	-1	-1	81.1	42.5	5.1	0.0	123.6	3	
8	14	760	-2	9	0	-1	3	250.1	103.8	6.5	0.0	353.8	3	
9	14	281	3	-10	0	1	1	92.4	54.5	7.7	0.0	146.9	3	
2	27	-582	1	-7	0	1	-2	191.5	100.0	4.9	0.0	291.5	3	
7	27	-247	-2	7	0	-2	-1	81.1	75.4	5.1	0.0	156.5	3	
8	27	760	-2	9	0	-2	3	250.1	130.5	6.5	0.0	380.6	3	
9	27	281	3	-10	0	2	1	92.4	102.8	7.7	0.0	195.2	3	

ASTA NUM. 339 NI 4202 NF 4254 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	471	-22	4	0	1	5	154.8	155.8	15.9	0.0	310.6	3	
7	0	-1448	26	-5	0	-1	-9	476.3	285.7	19.4	0.0	762.0	3	
8	0	-766	32	-8	0	-2	-7	252.1	248.6	23.4	0.0	500.8	3	
9	0	1975	-37	5	0	1	13	649.7	382.0	27.1	0.0	1031.6	3	
2	14	471	-22	4	0	0	2	154.9	60.1	16.0	0.0	215.0	3	
7	14	-1448	26	-5	0	-0	-6	476.3	169.4	19.4	0.0	645.7	3	
8	14	-766	32	-8	0	-1	-3	252.1	101.0	23.3	0.0	353.2	3	
9	14	1975	-37	5	0	0	8	649.7	226.8	27.2	0.0	876.4	3	
2	27	471	-22	4	0	-0	-1	154.9	35.9	16.1	0.0	190.8	3	
7	27	-1448	26	-5	0	0	-2	476.3	69.8	19.3	0.0	546.1	3	
8	27	-766	32	-8	0	0	1	252.1	46.2	23.3	0.0	298.3	3	
9	27	1975	-37	5	0	-0	3	649.7	88.8	27.2	0.0	738.5	3	

ASTA NUM. 385 NI 4254 NF 4256 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	66	-3	-1	0	-0	1	21.8	25.3	2.1	0.0	47.1	3	
7	0	-811	5	1	0	0	-4	266.8	115.9	3.7	0.0	382.6	3	

8	0	-158	4	2	0	0	-1	51.8	47.0	3.3	0.0	98.9	3
9	0	1096	-7	-1	0	-0	5	360.5	154.7	5.0	0.0	515.2	3
2	14	66	-3	-1	0	-0	0	21.8	11.1	2.1	0.0	32.9	3
7	14	-811	5	1	0	0	-3	266.7	92.9	3.7	0.0	359.7	3
8	14	-157	4	2	0	0	-1	51.8	23.7	3.2	0.0	75.5	3
9	14	1096	-7	-1	0	-0	4	360.5	124.8	5.1	0.0	485.4	3
2	27	66	-3	-1	0	-0	-0	21.9	3.6	2.2	0.0	25.4	1
7	27	-811	5	1	0	-0	-3	266.7	71.0	3.6	0.0	337.8	3
8	27	-157	4	2	0	-0	-0	51.7	1.5	3.2	0.0	53.3	5
9	27	1096	-7	-1	0	0	3	360.5	94.9	5.1	0.0	455.4	3

ASTA NUM. 386 NI 4256 NF 4255 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	0	-0	3.3	0.3	0.0	0.0	3.6	3	
7	0	-472	3	-0	0	-0	-3	155.1	73.1	1.9	0.0	228.2	3	
8	0	-22	1	-0	0	-0	-0	7.1	6.9	0.4	0.0	14.0	3	
9	0	638	-3	-0	0	0	4	209.8	97.0	2.2	0.0	306.8	3	
2	5	-10	0	0	0	0	-0	3.2	0.3	0.0	0.0	3.5	3	
7	5	-471	3	-0	0	-0	-3	155.1	69.5	1.9	0.0	224.6	3	
8	5	-22	1	-0	0	-0	-0	7.1	6.0	0.4	0.0	13.2	3	
9	5	638	-3	-0	0	0	3	209.8	92.9	2.3	0.0	302.7	3	
2	10	-10	0	0	0	0	0	3.2	0.0	0.0	0.0	3.2	2	
7	10	-471	3	-0	0	-0	-2	155.1	66.0	1.9	0.0	221.1	3	
8	10	-22	1	-0	0	-0	-0	7.1	5.2	0.4	0.0	12.3	3	
9	10	638	-3	-0	0	0	3	209.8	88.7	2.3	0.0	298.5	3	

ASTA NUM. 383 NI 4255 NF 4253 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	-0	0	0	0	0	3.2	0.0	0.0	0.0	3.2	2	
7	0	-471	2	-0	0	-0	-2	155.1	66.0	1.8	0.0	221.1	3	
8	0	-22	1	-0	0	-0	-0	7.1	5.2	0.4	0.0	12.3	3	
9	0	638	-3	-0	0	0	3	209.8	88.7	2.2	0.0	298.5	3	
2	27	-10	-0	0	0	-0	-0	3.2	1.1	0.1	0.0	4.2	3	
7	27	-471	2	-0	0	-0	-2	155.0	48.6	1.7	0.0	203.6	3	
8	27	-21	0	-0	0	-0	-0	7.0	1.6	0.3	0.0	8.6	3	
9	27	638	-3	-0	0	0	2	209.9	66.3	2.3	0.0	276.2	3	
2	55	-9	-0	0	0	-0	-0	3.1	3.1	0.3	0.0	6.2	3	
7	55	-471	2	-0	0	-0	-1	154.9	32.4	1.5	0.0	187.3	3	
8	55	-21	0	-0	0	0	0	7.0	0.9	0.1	0.0	7.8	3	
9	55	638	-3	-0	0	0	2	209.9	42.7	2.4	0.0	252.7	3	

ASTA NUM. 384 NI 4253 NF 4257 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-13	0	-0	0	-0	-0	4.3	2.4	0.2	0.0	6.7	3	
7	0	-158	2	0	0	-0	-1	51.8	32.4	1.6	0.0	84.2	3	
8	0	5	0	0	0	0	0	1.7	0.3	0.1	0.0	2.0	2	
9	0	212	-3	-0	0	0	2	69.6	43.2	1.9	0.0	112.9	3	
2	27	-13	0	-0	0	0	-0	4.2	1.2	0.0	0.0	5.4	3	
7	27	-157	2	0	0	-0	-1	51.7	17.2	1.4	0.0	69.0	3	
8	27	6	0	0	0	-0	0	1.8	0.9	0.0	0.0	2.7	3	
9	27	212	-3	-0	0	0	1	69.7	23.8	2.0	0.0	93.5	3	
2	55	-13	-0	-0	0	0	-0	4.1	1.5	0.1	0.0	5.6	3	
7	55	-157	2	0	0	-0	-0	51.6	3.3	1.3	0.0	55.0	3	
8	55	6	0	0	0	-0	0	1.9	0.6	0.1	0.0	2.5	3	
9	55	212	-3	-0	0	0	0	69.8	3.1	2.1	0.0	72.9	3	

ASTA NUM. 387 NI 4257 NF 4258 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	0	0	0	-0	3.5	1.7	0.2	0.0	5.2	3	
7	0	-4	0	-0	0	-0	-0	1.5	0.9	0.1	0.0	2.4	3	
8	0	11	-0	-0	0	-0	0	3.5	1.9	0.2	0.0	5.4	3	
9	0	2	-0	0	0	0	0	0.5	0.7	0.1	0.0	1.2	3	
2	5	-11	0	0	0	0	-0	3.5	1.3	0.2	0.0	4.8	3	
7	5	-4	0	-0	0	-0	-0	1.4	0.6	0.1	0.0	2.1	3	
8	5	11	-0	-0	0	-0	0	3.5	1.4	0.2	0.0	4.8	3	
9	5	2	-0	0	0	0	0	0.5	0.2	0.1	0.0	0.7	2	
2	10	-11	0	0	0	0	-0	3.5	0.9	0.1	0.0	4.4	3	
7	10	-4	0	-0	0	-0	-0	1.4	0.4	0.1	0.0	1.8	3	
8	10	11	-0	-0	0	-0	0	3.5	0.8	0.2	0.0	4.3	3	
9	10	2	-0	0	0	0	0	0.5	0.0	0.1	0.0	0.6	2	

ASTA NUM. 388 NI 4258 NF 4262 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	-0	0	0	-0	2.9	1.3	0.1	0.0	4.2	3	
7	0	4	-0	0	0	-0	0	1.3	0.8	0.0	0.0	2.1	3	
8	0	10	0	0	0	-0	0	3.3	1.3	0.0	0.0	4.6	3	
9	0	-8	0	-0	0	0	-0	2.7	1.7	0.2	0.0	4.4	3	
2	14	-9	0	-0	0	0	-0	2.8	0.9	0.1	0.0	3.8	3	
7	14	4	-0	0	0	-0	0	1.4	0.6	0.1	0.0	1.9	3	
8	14	10	-0	0	0	-0	0	3.3	1.2	0.1	0.0	4.6	3	
9	14	-8	0	-0	0	0	-0	2.6	0.9	0.1	0.0	3.5	3	
2	27	-8	-0	-0	0	0	-0	2.8	0.8	0.0	0.0	3.6	3	
7	27	4	-0	0	0	-0	0	1.4	0.1	0.1	0.0	1.5	2	
8	27	10	-0	0	0	-0	0	3.4	0.9	0.1	0.0	4.3	3	
9	27	-8	0	-0	0	0	-0	2.6	0.5	0.1	0.0	3.0	3	

ASTA NUM. 390 NI 4262 NF 4261 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	0	0	0	-0	2.1	1.1	0.1	0.0	3.2	3	
7	0	1	-0	-0	0	-0	0	0.5	0.5	0.0	0.0	1.0	3	
8	0	9	0	-0	0	-0	0	2.9	1.3	0.0	0.0	4.2	3	
9	0	-2	0	0	0	0	-0	0.8	1.0	0.2	0.0	1.8	3	
2	14	-6	0	0	0	0	-0	2.1	0.7	0.0	0.0	2.8	3	
7	14	2	-0	-0	0	-0	0	0.5	0.1	0.1	0.0	0.6	2	
8	14	9	-0	-0	0	-0	0	3.0	1.1	0.0	0.0	4.1	3	
9	14	-2	0	0	0	0	0	0.7	0.1	0.1	0.0	0.8	2	
2	27	-6	-0	0	0	-0	-0	2.0	0.6	0.0	0.0	2.7	3	
7	27	2	-0	-0	0	-0	-0	0.6	0.3	0.1	0.0	0.8	1	
8	27	9	-0	-0	0	0	0	3.0	0.6	0.1	0.0	3.7	3	
9	27	-2	0	0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	

ASTA NUM. 410 NI 4203 NF 4229 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	1	0	0	0	-0	1.2	0.8	0.4	0.0	2.1	3	
7	0	-17	0	-0	0	-0	-0	5.7	1.6	0.1	0.0	7.2	3	
8	0	-6	-0	-0	0	-0	0	2.0	0.5	0.1	0.0	2.5	3	
9	0	24	0	0	0	0	0	7.9	1.6	0.3	0.0	9.4	3	
2	14	4	0	0	0	-0	0	1.4	0.7	0.2	0.0	2.0	3	
7	14	-17	-0	-0	0	0	-0	5.6	1.8	0.1	0.0	7.3	3	
8	14	-6	-0	-0	0	0	-0	1.9	0.6	0.3	0.0	2.5	3	
9	14	24	0	0	0	-0	0	8.0	2.9	0.2	0.0	10.9	3	

2	27	4	0	0	0	-0	0	1.5	1.3	0.0	0.0	2.7	3
7	27	-17	-0	-0	0	0	-0	5.5	2.9	0.3	0.0	8.4	3
8	27	-5	-1	-0	0	0	-0	1.8	2.6	0.5	0.0	4.4	3
9	27	25	-0	0	0	-0	0	8.1	3.4	0.0	0.0	11.4	3

ASTA NUM. 363 NI 4229 NF 4228 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	3	0	-0	0	-0	0	1.0	0.2	0.1	0.0	1.2	2	
7	0	-8	0	-0	0	0	-0	2.8	0.9	0.0	0.0	3.7	3	
8	0	-7	-0	-0	0	0	-0	2.2	0.7	0.0	0.0	2.8	3	
9	0	10	0	0	0	-0	0	3.3	1.0	0.1	0.0	4.3	3	
2	14	3	0	-0	0	-0	0	1.1	0.6	0.0	0.0	1.6	3	
7	14	-8	-0	-0	0	0	-0	2.7	1.0	0.0	0.0	3.7	3	
8	14	-6	-0	-0	0	0	-0	2.1	0.9	0.1	0.0	3.0	3	
9	14	10	0	0	0	-0	0	3.3	1.3	0.0	0.0	4.6	3	
2	27	3	-0	-0	0	-0	0	1.1	0.6	0.0	0.0	1.7	3	
7	27	-8	-0	-0	0	0	-0	2.7	1.3	0.1	0.0	4.0	3	
8	27	-6	-0	-0	0	0	-0	2.1	1.4	0.1	0.0	3.5	3	
9	27	10	-0	0	0	-0	0	3.4	1.3	0.0	0.0	4.6	3	

ASTA NUM. 362 NI 4228 NF 4232 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-134	-2	0	0	-0	0	43.9	2.1	1.3	0.0	46.1	3	
7	0	-12	0	0	0	0	-0	4.1	1.5	0.1	0.0	5.6	3	
8	0	179	3	0	0	0	-0	58.9	4.8	2.1	0.0	63.7	3	
9	0	6	0	-0	0	-0	0	1.9	0.4	0.1	0.0	2.4	3	
2	5	-133	-2	0	0	-0	-0	43.9	0.5	1.3	0.0	44.4	3	
7	5	-12	0	0	0	0	-0	4.0	1.3	0.1	0.0	5.4	3	
8	5	179	3	0	0	0	-0	58.9	0.9	2.1	0.0	59.8	3	
9	5	6	0	-0	0	-0	0	1.9	0.6	0.1	0.0	2.6	3	
2	10	-133	-2	0	0	-0	-0	43.9	2.9	1.3	0.0	46.8	3	
7	10	-12	0	0	0	0	-0	4.0	1.2	0.1	0.0	5.2	3	
8	10	179	3	0	0	0	0	58.9	3.3	2.1	0.0	62.2	3	
9	10	6	0	-0	0	-0	0	2.0	0.8	0.1	0.0	2.8	3	

ASTA NUM. 365 NI 4232 NF 4231 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-133	-2	0	0	-0	-0	43.9	2.9	1.3	0.0	46.8	3	
7	0	-12	0	0	0	0	-0	4.0	1.2	0.1	0.0	5.2	3	
8	0	179	3	0	0	0	0	58.9	3.3	2.1	0.0	62.2	3	
9	0	6	0	-0	0	-0	0	2.0	0.8	0.1	0.0	2.8	3	
2	27	-133	-2	0	0	-0	-1	43.8	17.2	1.5	0.0	61.0	3	
7	27	-12	-0	0	0	-0	-0	4.0	1.2	0.1	0.0	5.1	3	
8	27	179	3	0	0	0	1	59.0	23.8	2.0	0.0	82.7	3	
9	27	6	-0	-0	0	-0	0	2.0	0.9	0.0	0.0	3.0	3	
2	55	-133	-2	0	0	-0	-1	43.7	32.7	1.6	0.0	76.4	3	
7	55	-12	-0	0	0	-0	-0	3.9	2.6	0.2	0.0	6.5	3	
8	55	180	2	0	0	0	2	59.1	43.0	1.8	0.0	102.0	3	
9	55	6	-0	-0	0	0	0	2.1	0.1	0.2	0.0	2.2	2	

ASTA NUM. 364 NI 4231 NF 4230 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-440	-2	0	0	-0	-1	144.8	32.7	1.5	0.0	177.5	3	

7	0	-13	0	-0	0	-0	-0	4.3	2.6	0.2	0.0	6.9	3
8	0	596	3	-0	0	0	2	196.2	43.3	2.3	0.0	239.4	3
9	0	-14	-0	0	0	0	0	4.5	0.1	0.1	0.0	4.6	2
2	27	-440	-2	0	0	-0	-2	144.7	48.4	1.6	0.0	193.2	3
7	27	-13	0	-0	0	0	-0	4.3	1.5	0.1	0.0	5.7	3
8	27	597	3	-0	0	0	2	196.2	66.3	2.2	0.0	262.6	3
9	27	-13	-0	0	0	-0	-0	4.4	1.4	0.2	0.0	5.9	3
2	55	-440	-2	0	0	-0	-2	144.6	65.5	1.7	0.0	210.1	3
7	55	-13	-0	-0	0	0	-0	4.2	1.9	0.1	0.0	6.1	3
8	55	597	3	-0	0	0	3	196.3	88.1	2.0	0.0	284.5	3
9	55	-13	-0	0	0	-0	-0	4.4	4.4	0.3	0.0	8.8	3

ASTA NUM. 361 NI 4230 NF 4234 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-764	-4	-1	0	-0	-2	251.4	63.6	2.8	0.0	315.0	3	
7	0	54	2	1	0	0	-0	17.6	4.9	1.5	0.0	22.5	3	
8	0	1034	6	1	0	0	3	340.1	85.8	4.1	0.0	426.0	3	
9	0	-134	-3	-1	0	-0	0	44.0	0.9	2.1	0.0	45.0	3	
2	5	-764	-4	-1	0	0	-3	251.4	68.7	2.9	0.0	320.0	3	
7	5	54	2	1	0	-0	-0	17.6	2.1	1.5	0.0	19.7	3	
8	5	1034	6	1	0	-0	3	340.3	92.5	4.1	0.0	432.8	3	
9	5	-134	-3	-1	0	0	-0	44.0	4.3	2.2	0.0	48.3	3	
2	10	-764	-4	-1	0	0	-3	251.3	74.8	2.9	0.0	326.1	3	
7	10	54	2	1	0	-0	0	17.7	3.0	1.5	0.0	20.7	3	
8	10	1035	5	1	0	-0	4	340.5	101.6	4.0	0.0	442.0	3	
9	10	-134	-3	-1	0	0	-0	44.0	9.5	2.2	0.0	53.5	3	

ASTA NUM. 366 NI 4234 NF 4233 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-764	-4	-1	0	0	-3	251.3	74.8	3.1	0.0	326.1	3	
7	0	54	2	1	0	-0	0	17.7	3.0	1.5	0.0	20.7	3	
8	0	1035	6	1	0	-0	4	340.5	101.6	4.4	0.0	442.0	3	
9	0	-134	-3	-1	0	0	-0	44.0	9.5	2.2	0.0	53.5	3	
2	14	-764	-4	-1	0	0	-3	251.3	92.8	3.2	0.0	344.1	3	
7	14	54	2	1	0	-0	0	17.7	13.6	1.4	0.0	31.3	3	
8	14	1035	6	1	0	-0	4	340.5	127.7	4.3	0.0	468.2	3	
9	14	-134	-3	-1	0	0	-1	43.9	24.3	2.3	0.0	68.2	3	
2	27	-764	-4	-1	0	0	-4	251.2	111.2	3.2	0.0	362.5	3	
7	27	54	2	1	0	-0	1	17.7	23.9	1.4	0.0	41.6	3	
8	27	1035	6	1	0	-0	5	340.5	153.6	4.2	0.0	494.0	3	
9	27	-133	-3	-1	0	0	-1	43.9	39.4	2.3	0.0	83.3	3	

ASTA NUM. 340 NI 4233 NF 4202 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1437	-26	3	0	0	-2	472.7	67.2	19.1	0.0	539.9	3	
7	0	477	22	-5	0	-0	-1	156.8	37.0	16.2	0.0	193.8	3	
8	0	1968	37	-7	0	-0	3	647.4	90.6	27.0	0.0	738.0	3	
9	0	-767	-32	5	0	0	1	252.3	42.1	23.3	0.0	294.4	3	
2	14	-1437	-26	3	0	-0	-6	472.7	164.6	19.1	0.0	637.3	3	
7	14	477	22	-5	0	0	2	156.9	64.8	16.1	0.0	221.7	3	
8	14	1968	36	-7	0	1	8	647.4	231.5	27.0	0.0	878.9	3	
9	14	-767	-32	5	0	-0	-3	252.2	96.2	23.3	0.0	348.5	3	
2	27	-1437	-26	3	0	-1	-9	472.7	273.1	19.2	0.0	745.8	3	
7	27	477	22	-5	0	1	5	156.9	166.3	16.0	0.0	323.2	3	
8	27	1968	36	-7	0	1	13	647.4	392.9	26.9	0.0	1040.3	3	
9	27	-767	-32	5	0	-1	-7	252.2	234.8	23.4	0.0	487.0	3	

ASTA NUM. 411 NI 4206 NF 4209 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.

qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	5	0	-0	0	-0	-0	1.5	0.7	0.4	0.0	2.2	1	
7	0	-20	0	0	0	0	-0	6.6	1.7	0.0	0.0	8.3	3	
8	0	-8	-0	0	0	0	0	2.5	0.3	0.1	0.0	2.8	1	
9	0	28	1	-0	0	-0	0	9.1	1.8	0.4	0.0	10.9	3	
2	14	5	0	-0	0	0	0	1.6	0.8	0.2	0.0	2.5	3	
7	14	-20	-0	0	0	-0	-0	6.5	2.1	0.2	0.0	8.6	3	
8	14	-7	-0	0	0	-0	-0	2.4	0.8	0.3	0.0	3.2	3	
9	14	28	0	-0	0	0	0	9.2	3.4	0.2	0.0	12.6	3	
2	27	5	-0	-0	0	0	0	1.7	1.4	0.0	0.0	3.2	3	
7	27	-19	-0	0	0	-0	-0	6.4	3.4	0.3	0.0	9.8	3	
8	27	-7	-1	0	0	-0	-0	2.3	2.9	0.5	0.0	5.1	3	
9	27	28	0	-0	0	0	0	9.3	4.1	0.0	0.0	13.4	3	

ASTA NUM. 346 NI 4209 NF 4211 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	3	0	0	0	0	0	1.1	0.3	0.1	0.0	1.4	2	
7	0	-9	0	-0	0	-0	-0	2.9	1.1	0.0	0.0	4.0	3	
8	0	-7	-0	-0	0	-0	-0	2.3	0.8	0.1	0.0	3.1	3	
9	0	11	0	0	0	0	0	3.5	1.2	0.1	0.0	4.7	3	
2	14	4	0	0	0	0	0	1.2	0.5	0.1	0.0	1.6	3	
7	14	-9	-0	-0	0	-0	-0	2.9	0.9	0.0	0.0	3.8	3	
8	14	-7	-0	-0	0	-0	-0	2.2	0.8	0.1	0.0	3.0	3	
9	14	11	0	0	0	0	0	3.6	1.2	0.0	0.0	4.8	3	
2	27	4	-0	0	0	-0	0	1.2	0.8	0.0	0.0	2.0	3	
7	27	-9	-0	-0	0	0	-0	2.9	1.3	0.1	0.0	4.2	3	
8	27	-7	-0	-0	0	0	-0	2.2	1.6	0.2	0.0	3.8	3	
9	27	11	-0	0	0	-0	0	3.6	1.4	0.0	0.0	5.0	3	

ASTA NUM. 347 NI 4211 NF 4210 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	-0	-0	0	-0	0	1.2	0.2	0.3	0.0	1.6	2	
7	0	-12	-0	0	0	0	-0	4.0	1.4	0.1	0.0	5.4	3	
8	0	1	1	0	0	0	-0	0.3	1.0	0.5	0.0	1.4	5	
9	0	13	0	-0	0	-0	0	4.3	1.5	0.2	0.0	5.7	3	
2	5	-4	-0	-0	0	0	-0	1.2	0.5	0.3	0.0	1.7	5	
7	5	-12	-0	0	0	-0	-0	4.0	1.4	0.1	0.0	5.4	3	
8	5	1	1	0	0	-0	0	0.3	0.1	0.4	0.0	0.9	2	
9	5	13	0	-0	0	0	0	4.3	1.5	0.2	0.0	5.8	3	
2	10	-4	-0	-0	0	0	-0	1.2	1.4	0.3	0.0	2.6	3	
7	10	-12	-0	0	0	-0	-0	4.0	1.8	0.1	0.0	5.8	3	
8	10	1	1	0	0	-0	0	0.3	1.4	0.4	0.0	1.8	3	
9	10	13	0	-0	0	0	0	4.3	1.9	0.2	0.0	6.3	3	

ASTA NUM. 344 NI 4210 NF 4208 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-157	-2	0	0	0	-0	51.8	3.2	1.3	0.0	55.0	3	
7	0	-14	0	-0	0	-0	-0	4.7	1.7	0.1	0.0	6.4	3	
8	0	212	3	-0	0	-0	0	69.7	3.1	2.1	0.0	72.8	3	
9	0	8	0	0	0	0	0	2.5	0.8	0.1	0.0	3.3	3	
2	27	-157	-2	0	0	0	-1	51.7	17.3	1.5	0.0	69.0	3	
7	27	-14	-0	-0	0	0	-0	4.7	1.4	0.1	0.0	6.0	3	
8	27	212	3	-0	0	-0	1	69.8	23.7	2.0	0.0	93.5	3	
9	27	8	-0	0	0	0	0	2.6	1.1	0.0	0.0	3.8	3	

2	55	-157	-2	0	0	0	-1	51.6	32.6	1.6	0.0	84.2	3
7	55	-14	-0	-0	0	0	-0	4.6	2.8	0.2	0.0	7.4	3
8	55	212	3	-0	0	0	2	69.8	43.2	1.9	0.0	113.0	3
9	55	8	-0	0	0	-0	0	2.7	0.6	0.1	0.0	3.3	3

ASTA NUM. 345 NI 4208 NF 4213 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-440	-2	-0	0	0	-1	144.8	32.6	1.5	0.0	177.4	3		
7	0	-15	0	0	0	0	-0	4.8	2.9	0.2	0.0	7.7	3		
8	0	596	3	0	0	0	2	196.2	43.2	2.3	0.0	239.4	3		
9	0	-12	-0	-0	0	-0	0	3.8	0.7	0.1	0.0	4.5	3		
2	27	-440	-2	-0	0	0	-2	144.7	48.4	1.6	0.0	193.1	3		
7	27	-14	0	0	0	-0	-0	4.7	1.6	0.1	0.0	6.3	3		
8	27	597	3	0	0	-0	2	196.3	66.3	2.2	0.0	262.6	3		
9	27	-11	-0	-0	0	0	-0	3.7	1.1	0.2	0.0	4.9	3		
2	55	-440	-2	-0	0	0	-2	144.7	65.5	1.7	0.0	210.1	3		
7	55	-14	-0	0	0	-0	-0	4.6	2.0	0.1	0.0	6.7	3		
8	55	597	3	0	0	-0	3	196.4	88.2	2.0	0.0	284.6	3		
9	55	-11	-0	-0	0	0	-0	3.7	4.2	0.3	0.0	7.8	3		

ASTA NUM. 348 NI 4213 NF 4212 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-765	-4	1	0	0	-2	251.6	63.5	2.9	0.0	315.1	3		
7	0	53	2	-1	0	-0	-0	17.5	4.8	1.5	0.0	22.4	3		
8	0	1036	6	-1	0	-0	3	340.8	85.6	4.1	0.0	426.4	3		
9	0	-133	-3	1	0	0	0	43.7	0.9	2.1	0.0	44.6	3		
2	5	-765	-4	1	0	-0	-3	251.6	68.6	2.9	0.0	320.2	3		
7	5	53	2	-1	0	0	-0	17.5	2.1	1.5	0.0	19.6	3		
8	5	1036	6	-1	0	0	3	340.8	92.4	4.1	0.0	433.2	3		
9	5	-133	-3	1	0	-0	-0	43.7	4.2	2.1	0.0	48.0	3		
2	10	-765	-4	1	0	-0	-3	251.6	74.7	2.9	0.0	326.3	3		
7	10	53	2	-1	0	0	0	17.6	2.9	1.5	0.0	20.5	3		
8	10	1036	6	-1	0	0	4	340.8	101.5	4.1	0.0	442.3	3		
9	10	-133	-3	1	0	-0	-0	43.7	9.4	2.2	0.0	53.2	3		

ASTA NUM. 343 NI 4212 NF 4207 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-765	-4	1	0	-0	-3	251.6	74.7	3.2	0.0	326.3	3		
7	0	53	2	-1	0	0	0	17.6	2.9	1.5	0.0	20.5	3		
8	0	1036	6	-1	0	0	4	340.8	101.5	4.4	0.0	442.3	3		
9	0	-133	-3	1	0	-0	-0	43.7	9.4	2.2	0.0	53.2	3		
2	14	-765	-4	1	0	-0	-3	251.6	92.9	3.2	0.0	344.4	3		
7	14	54	2	-1	0	0	0	17.6	13.4	1.4	0.0	31.0	3		
8	14	1036	6	-1	0	0	4	340.8	127.8	4.4	0.0	468.6	3		
9	14	-133	-3	1	0	-0	-1	43.7	24.0	2.3	0.0	67.7	3		
2	27	-765	-4	1	0	-0	-4	251.5	111.3	3.3	0.0	362.8	3		
7	27	54	2	-1	0	0	1	17.6	23.6	1.4	0.0	41.2	3		
8	27	1036	6	-1	0	0	5	340.8	153.8	4.3	0.0	494.6	3		
9	27	-133	-3	1	0	-0	-1	43.7	38.9	2.3	0.0	82.6	3		

ASTA NUM. 341 NI 4207 NF 4489 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							

2	0	-1442	-26	-3	0	-0	-2	474.3	67.0	19.2	0.0	541.3	3
7	0	478	22	5	0	0	-1	157.1	36.9	16.2	0.0	193.9	3
8	0	1974	37	7	0	0	3	649.3	90.5	27.1	0.0	739.8	3
9	0	-768	-32	-5	0	-0	1	252.7	41.9	23.4	0.0	294.6	3
2	14	-1442	-26	-3	0	0	-6	474.3	164.6	19.2	0.0	638.9	3
7	14	478	22	5	0	-0	2	157.1	64.5	16.1	0.0	221.6	3
8	14	1974	37	7	0	-1	8	649.5	231.5	27.1	0.0	881.0	3
9	14	-768	-32	-5	0	0	-3	252.7	95.7	23.4	0.0	348.4	3
2	27	-1442	-26	-3	0	1	-9	474.3	272.9	19.3	0.0	747.3	3
7	27	478	22	5	0	-1	5	157.1	165.6	16.1	0.0	322.7	3
8	27	1975	37	7	0	-1	13	649.7	392.7	27.0	0.0	1042.4	3
9	27	-768	-32	-5	0	1	-7	252.6	233.7	23.5	0.0	486.3	3

ASTA NUM. 409 NI 4204 NF 4223 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-18	-0	0	0	0	-0	5.8	0.7	0.1	0.0	6.5	3	
7	0	-3	0	-0	0	-0	-0	1.1	1.1	0.3	0.0	2.2	3	
8	0	23	1	-0	0	-0	0	7.5	0.4	0.5	0.0	7.9	3	
9	0	2	-0	0	0	0	0	0.8	1.0	0.0	0.0	1.8	3	
2	14	-17	-0	0	0	-0	-0	5.7	1.8	0.3	0.0	7.5	3	
7	14	-3	0	-0	0	0	0	1.0	0.0	0.1	0.0	1.1	2	
8	14	23	0	-0	0	0	0	7.6	2.8	0.4	0.0	10.4	3	
9	14	3	-0	0	0	-0	0	0.9	0.5	0.2	0.0	1.4	3	
2	27	-17	-1	0	0	-0	-0	5.6	3.9	0.5	0.0	9.4	3	
7	27	-3	-0	-0	0	0	0	0.9	0.1	0.1	0.0	1.0	2	
8	27	23	0	-0	0	0	0	7.7	4.3	0.2	0.0	12.0	3	
9	27	3	-0	0	0	-0	-0	1.0	1.1	0.4	0.0	2.1	3	

ASTA NUM. 358 NI 4223 NF 4225 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-13	-0	0	0	-0	-0	4.2	0.7	0.1	0.0	5.0	3	
7	0	-1	0	-0	0	0	-0	0.2	0.4	0.1	0.0	0.6	3	
8	0	15	0	-0	0	0	0	4.9	0.7	0.3	0.0	5.5	3	
9	0	-3	-0	0	0	-0	0	0.9	0.1	0.0	0.0	1.0	2	
2	14	-13	-0	0	0	-0	-0	4.2	1.5	0.2	0.0	5.7	3	
7	14	-0	0	-0	0	0	0	0.2	0.1	0.0	0.0	0.3	2	
8	14	15	0	-0	0	0	0	4.9	1.9	0.2	0.0	6.8	3	
9	14	-3	-0	0	0	-0	0	0.9	0.2	0.1	0.0	1.0	2	
2	27	-13	-0	0	0	-0	-0	4.2	2.6	0.2	0.0	6.7	3	
7	27	-0	-0	-0	0	0	0	0.1	0.1	0.0	0.0	0.3	2	
8	27	15	0	-0	0	0	0	4.9	2.8	0.1	0.0	7.7	3	
9	27	-2	-0	0	0	-0	-0	0.8	1.1	0.2	0.0	1.9	3	

ASTA NUM. 359 NI 4225 NF 4224 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-158	-2	-0	0	-0	0	52.1	1.0	1.4	0.0	53.1	3	
7	0	-4	0	0	0	0	-0	1.4	0.8	0.1	0.0	2.2	3	
8	0	212	3	0	0	0	-0	69.7	3.2	2.3	0.0	72.9	3	
9	0	-8	0	-0	0	-0	-0	2.7	1.0	0.1	0.0	3.8	3	
2	5	-158	-2	-0	0	-0	-0	52.1	2.0	1.4	0.0	54.1	3	
7	5	-4	0	0	0	0	-0	1.4	0.6	0.1	0.0	2.0	3	
8	5	212	3	0	0	0	0	69.7	1.4	2.2	0.0	71.1	3	
9	5	-8	0	-0	0	-0	-0	2.7	0.9	0.1	0.0	3.6	3	
2	10	-158	-2	-0	0	-0	-0	52.1	4.6	1.4	0.0	56.7	3	
7	10	-4	0	0	0	0	-0	1.4	0.4	0.1	0.0	1.8	3	
8	10	212	3	0	0	0	0	69.7	5.5	2.2	0.0	75.2	3	
9	10	-8	0	-0	0	-0	-0	2.7	0.7	0.1	0.0	3.4	3	

ASTA NUM. 356 NI 4224 NF 4222 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-158	-2	-0	0	-0	-0	52.1	4.6	1.5	0.0	56.7	3	
7	0	-4	0	0	0	0	-0	1.4	0.4	0.1	0.0	1.8	3	
8	0	212	3	0	0	0	0	69.7	5.5	2.3	0.0	75.2	3	
9	0	-8	0	-0	0	-0	-0	2.7	0.7	0.0	0.0	3.4	3	
2	27	-158	-2	-0	0	-0	-1	52.0	20.1	1.6	0.0	72.1	3	
7	27	-4	-0	0	0	0	0	1.3	0.0	0.1	0.0	1.3	2	
8	27	212	3	0	0	0	1	69.8	27.7	2.1	0.0	97.4	3	
9	27	-8	-0	-0	0	-0	-0	2.6	0.7	0.1	0.0	3.3	3	
2	55	-158	-2	-0	0	-0	-1	51.9	36.8	1.7	0.0	88.7	3	
7	55	-4	-0	0	0	-0	-0	1.2	1.4	0.2	0.0	2.7	3	
8	55	212	3	0	0	0	2	69.9	48.5	2.0	0.0	118.4	3	
9	55	-8	-0	-0	0	0	-0	2.5	2.2	0.2	0.0	4.8	3	

ASTA NUM. 357 NI 4222 NF 4227 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-462	-2	0	0	-0	-1	152.0	36.0	1.4	0.0	188.0	3	
7	0	-21	-0	-0	0	-0	-0	7.0	0.8	0.1	0.0	7.8	3	
8	0	623	3	-0	0	0	2	204.9	47.9	2.1	0.0	252.8	3	
9	0	-7	0	0	0	0	-0	2.2	2.5	0.2	0.0	4.8	3	
2	27	-462	-2	0	0	-0	-2	151.9	50.9	1.5	0.0	202.8	3	
7	27	-21	-0	-0	0	0	-0	6.9	2.2	0.2	0.0	9.1	3	
8	27	623	3	-0	0	0	3	205.0	69.1	2.0	0.0	274.2	3	
9	27	-7	0	0	0	-0	-0	2.1	0.8	0.1	0.0	3.0	3	
2	55	-462	-2	0	0	-0	-2	151.8	67.1	1.6	0.0	218.9	3	
7	55	-21	-0	-0	0	0	-0	6.8	5.1	0.3	0.0	11.9	3	
8	55	624	3	-0	0	0	3	205.1	89.2	1.9	0.0	294.3	3	
9	55	-6	0	0	0	-0	0	2.1	0.7	0.0	0.0	2.8	2	

ASTA NUM. 360 NI 4227 NF 4226 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-623	-0	-1	0	-0	-2	204.8	65.6	0.6	0.0	270.5	3	
7	0	-98	-1	1	0	0	-0	32.1	5.1	0.8	0.0	37.2	3	
8	0	830	1	1	0	0	3	273.0	87.8	0.8	0.0	360.8	3	
9	0	80	2	-1	0	-0	0	26.3	1.5	1.2	0.0	27.8	3	
2	5	-623	-1	-1	0	0	-2	204.8	65.9	0.6	0.0	270.8	3	
7	5	-98	-1	1	0	-0	-0	32.1	6.7	0.8	0.0	38.8	3	
8	5	830	1	1	0	-0	3	273.0	88.4	0.8	0.0	361.4	3	
9	5	80	2	-1	0	0	0	26.3	3.7	1.2	0.0	30.0	3	
2	10	-623	-1	-1	0	0	-2	204.8	67.8	0.6	0.0	272.6	3	
7	10	-98	-1	1	0	-0	-0	32.1	9.1	0.9	0.0	41.2	3	
8	10	830	1	1	0	-0	3	273.0	90.9	0.8	0.0	363.9	3	
9	10	80	2	-1	0	0	0	26.3	7.2	1.2	0.0	33.5	3	

ASTA NUM. 355 NI 4226 NF 4221 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-623	-1	-1	0	0	-2	204.8	67.8	0.6	0.0	272.6	3	
7	0	-98	-1	1	0	-0	-0	32.1	9.1	0.9	0.0	41.2	3	
8	0	830	1	1	0	-0	3	273.0	90.9	0.8	0.0	363.9	3	
9	0	80	2	-1	0	0	0	26.3	7.2	1.2	0.0	33.5	3	
2	14	-622	-1	-1	0	0	-3	204.8	73.9	0.7	0.0	278.7	3	
7	14	-97	-1	1	0	-0	-0	32.1	16.1	0.9	0.0	48.2	3	
8	14	830	1	1	0	-0	3	273.1	98.6	0.8	0.0	371.7	3	

9	14	80	2	-1	0	0	0	26.3	16.7	1.1	0.0	43.1	3
2	27	-622	-1	-1	0	0	-3	204.7	80.4	0.7	0.0	285.1	3
7	27	-97	-1	1	0	-0	-1	32.0	23.5	1.0	0.0	55.5	3
8	27	830	1	1	0	-0	4	273.1	106.1	0.8	0.0	379.2	3
9	27	80	1	-1	0	0	1	26.4	26.0	1.1	0.0	52.4	3

ASTA NUM. 342 NI 4221 NF 4263 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-588	1	5	0	0	-3	193.5	76.2	3.4	0.0	269.6	3	
7	0	-249	-2	-4	0	-0	-1	81.9	25.7	3.0	0.0	107.6	3	
8	0	767	-2	-6	0	-0	3	252.2	100.6	4.6	0.0	352.8	3	
9	0	282	3	6	0	0	1	92.9	29.7	4.7	0.0	122.6	3	
2	14	-588	1	5	0	-0	-2	193.4	74.2	3.4	0.0	267.7	3	
7	14	-249	-2	-4	0	0	-1	81.9	36.5	3.0	0.0	118.4	3	
8	14	767	-2	-6	0	0	3	252.3	97.2	4.6	0.0	349.4	3	
9	14	282	3	6	0	-1	1	92.9	45.3	4.7	0.0	138.2	3	
2	27	-588	1	5	0	-1	-2	193.4	87.7	3.4	0.0	281.1	3	
7	27	-249	-2	-4	0	1	-1	81.9	60.0	3.0	0.0	141.9	3	
8	27	767	-2	-6	0	1	3	252.3	113.8	4.6	0.0	366.1	3	
9	27	283	3	6	0	-1	2	93.0	79.4	4.7	0.0	172.3	3	

ASTA NUM. 393 NI 4489 NF 4491 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	479	-22	-4	0	-1	5	157.6	156.5	16.2	0.0	314.1	3	
7	0	-1446	26	5	0	1	-9	475.7	284.3	19.3	0.0	760.0	3	
8	0	-779	32	8	0	2	-8	256.2	249.9	23.7	0.0	506.1	3	
9	0	1971	-37	-5	0	-1	13	648.4	379.7	27.0	0.0	1028.1	3	
2	14	479	-22	-4	0	-0	2	157.7	60.5	16.2	0.0	218.2	3	
7	14	-1446	26	5	0	0	-6	475.5	168.7	19.3	0.0	644.2	3	
8	14	-779	32	8	0	1	-3	256.2	101.6	23.7	0.0	357.9	3	
9	14	1971	-37	-5	0	-0	8	648.4	225.7	27.0	0.0	874.1	3	
2	27	480	-22	-4	0	0	-1	157.7	35.8	16.3	0.0	193.6	3	
7	27	-1445	26	5	0	-0	-2	475.3	70.1	19.2	0.0	545.4	3	
8	27	-779	32	8	0	-0	1	256.2	46.3	23.6	0.0	302.4	3	
9	27	1971	-37	-5	0	0	3	648.4	89.2	27.1	0.0	737.5	3	

ASTA NUM. 394 NI 4491 NF 4490 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	68	-3	1	0	0	1	22.2	25.2	2.1	0.0	47.4	3	
7	0	-812	5	-1	0	-0	-4	267.2	116.1	3.7	0.0	383.2	3	
8	0	-159	4	-2	0	-0	-1	52.4	46.9	3.3	0.0	99.3	3	
9	0	1098	-7	1	0	0	5	361.2	154.9	5.0	0.0	516.0	3	
2	14	68	-3	1	0	0	0	22.2	10.9	2.1	0.0	33.1	3	
7	14	-812	5	-1	0	-0	-3	267.1	92.7	3.6	0.0	359.8	3	
8	14	-159	4	-2	0	-0	-1	52.3	23.2	3.2	0.0	75.5	3	
9	14	1098	-7	1	0	0	4	361.2	124.7	5.0	0.0	485.9	3	
2	27	68	-3	1	0	-0	-0	22.3	3.8	2.2	0.0	26.1	3	
7	27	-812	5	-1	0	0	-3	267.1	72.3	3.6	0.0	339.4	3	
8	27	-159	4	-2	0	0	-0	52.3	2.6	3.2	0.0	54.9	3	
9	27	1098	-7	1	0	-0	3	361.2	96.1	5.1	0.0	457.3	3	

ASTA NUM. 369 NI 4490 NF 4238 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	8	0	-0	0	-0	0	2.7	1.3	0.2	0.0	4.0	3
7	0	-634	-0	1	0	0	-3	208.5	70.6	0.5	0.0	279.1	3
8	0	-60	-0	1	0	0	-0	19.8	7.9	0.6	0.0	27.7	3
9	0	857	0	-1	0	-0	3	281.8	94.8	0.4	0.0	376.7	3
2	5	8	0	-0	0	-0	0	2.7	0.9	0.2	0.0	3.6	1
7	5	-634	-0	1	0	0	-3	208.4	70.0	0.5	0.0	278.4	3
8	5	-60	-0	1	0	0	-0	19.8	7.0	0.6	0.0	26.8	3
9	5	857	0	-1	0	-0	3	281.9	94.3	0.4	0.0	376.2	3
2	10	8	-0	-0	0	0	0	2.7	1.3	0.2	0.0	4.0	3
7	10	-634	-0	1	0	-0	-3	208.4	70.3	0.5	0.0	278.8	3
8	10	-60	-0	1	0	-0	-0	19.8	7.3	0.6	0.0	27.0	3
9	10	857	0	-1	0	0	3	281.9	95.0	0.4	0.0	376.9	3

ASTA NUM. 371 NI 4238 NF 4237 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-15	0	0	0	0	-0	4.8	1.9	0.1	0.0	6.7	3	
7	0	-441	2	-0	0	-0	-2	145.0	65.3	1.7	0.0	210.3	3	
8	0	-12	0	-0	0	-0	-0	4.0	4.5	0.3	0.0	8.5	3	
9	0	596	-3	0	0	0	3	196.2	87.5	2.0	0.0	283.7	3	
2	27	-14	-0	0	0	0	-0	4.7	1.6	0.1	0.0	6.3	3	
7	27	-440	2	-0	0	-0	-2	144.9	48.2	1.6	0.0	193.0	3	
8	27	-12	0	-0	0	-0	-0	3.9	1.4	0.2	0.0	5.3	3	
9	27	597	-3	0	0	0	2	196.3	65.8	2.2	0.0	262.1	3	
2	55	-14	-0	0	0	-0	-0	4.7	2.6	0.2	0.0	7.3	3	
7	55	-440	2	-0	0	0	-1	144.8	33.0	1.5	0.0	177.8	3	
8	55	-12	0	-0	0	0	0	3.9	0.5	0.1	0.0	4.4	3	
9	55	597	-3	0	0	-0	2	196.4	43.8	2.3	0.0	240.2	3	

ASTA NUM. 370 NI 4237 NF 4236 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-15	0	0	0	-0	-0	4.8	2.6	0.2	0.0	7.4	3	
7	0	-157	2	0	0	0	-1	51.8	32.6	1.6	0.0	84.4	3	
8	0	8	0	-0	0	0	0	2.5	0.5	0.1	0.0	3.1	3	
9	0	212	-3	-0	0	-0	2	69.6	43.4	1.9	0.0	113.0	3	
2	27	-14	0	0	0	-0	-0	4.8	1.4	0.1	0.0	6.2	3	
7	27	-157	2	0	0	0	-1	51.7	17.3	1.4	0.0	69.0	3	
8	27	8	-0	-0	0	0	0	2.6	1.2	0.0	0.0	3.8	3	
9	27	212	-3	-0	0	-0	1	69.7	23.8	2.0	0.0	93.5	3	
2	55	-14	-0	0	0	-0	-0	4.7	1.5	0.1	0.0	6.2	3	
7	55	-157	2	0	0	0	-0	51.6	3.2	1.3	0.0	54.8	3	
8	55	8	-0	-0	0	0	0	2.7	0.6	0.1	0.0	3.2	3	
9	55	212	-3	-0	0	-0	0	69.7	3.0	2.1	0.0	72.7	3	

ASTA NUM. 368 NI 4236 NF 4235 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	0	-0	0	-0	-0	4.1	1.8	0.2	0.0	5.9	3	
7	0	-5	0	0	0	0	-0	1.5	0.9	0.2	0.0	2.5	3	
8	0	13	-0	0	0	0	0	4.3	2.1	0.3	0.0	6.3	3	
9	0	2	-0	-0	0	-0	0	0.6	0.8	0.2	0.0	1.3	3	
2	5	-12	0	-0	0	-0	-0	4.1	1.4	0.2	0.0	5.5	3	
7	5	-5	0	0	0	0	-0	1.5	0.6	0.1	0.0	2.1	3	
8	5	13	-0	0	0	0	0	4.3	1.5	0.3	0.0	5.8	3	
9	5	2	-0	-0	0	-0	0	0.6	0.1	0.2	0.0	0.8	2	
2	10	-12	0	-0	0	-0	-0	4.1	1.0	0.2	0.0	5.1	3	
7	10	-5	0	0	0	-0	0	1.5	0.0	0.1	0.0	1.5	2	
8	10	13	-0	0	0	0	0	4.3	0.9	0.3	0.0	5.2	3	
9	10	2	-0	-0	0	0	0	0.6	0.0	0.2	0.0	0.7	2	

ASTA NUM. 367 NI 4235 NF 4246 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	-0	-0	3.4	1.6	0.1	0.0	4.9	3	
7	0	4	0	-0	0	0	0	1.3	0.7	0.0	0.0	2.0	3	
8	0	12	-0	-0	0	0	0	4.0	1.6	0.0	0.0	5.6	3	
9	0	-8	0	0	0	-0	-0	2.7	1.6	0.2	0.0	4.2	3	
2	14	-10	0	0	0	-0	-0	3.3	1.1	0.1	0.0	4.4	3	
7	14	4	-0	-0	0	0	0	1.3	0.6	0.1	0.0	1.9	3	
8	14	12	-0	-0	0	0	0	4.1	1.5	0.1	0.0	5.5	3	
9	14	-8	0	0	0	-0	-0	2.6	0.9	0.1	0.0	3.6	3	
2	27	-10	0	0	0	-0	-0	3.3	1.0	0.0	0.0	4.3	3	
7	27	4	-0	-0	0	0	0	1.4	0.2	0.1	0.0	1.6	2	
8	27	12	-0	-0	0	0	0	4.1	1.0	0.1	0.0	5.1	3	
9	27	-8	0	0	0	-0	-0	2.6	0.6	0.1	0.0	3.2	3	

ASTA NUM. 395 NI 4246 NF 4245 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 1.37 1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-20	0	-0	0	-0	-0	6.5	3.4	0.4	0.0	10.0	3	
7	0	4	-0	0	0	0	0	1.4	1.3	0.0	0.0	2.7	3	
8	0	27	-0	0	0	0	0	9.0	4.1	0.1	0.0	13.1	3	
9	0	-7	1	-0	0	-0	-0	2.3	2.7	0.5	0.0	5.0	3	
2	14	-20	0	-0	0	-0	-0	6.4	2.1	0.2	0.0	8.5	3	
7	14	5	-0	0	0	0	0	1.5	0.7	0.2	0.0	2.3	3	
8	14	28	-0	0	0	0	0	9.1	3.3	0.2	0.0	12.4	3	
9	14	-7	0	-0	0	-0	-0	2.2	0.7	0.3	0.0	2.9	3	
2	27	-19	-0	-0	0	0	-0	6.3	1.6	0.0	0.0	7.9	3	
7	27	5	-0	0	0	-0	-0	1.6	0.7	0.4	0.0	2.4	1	
8	27	28	-1	0	0	-0	0	9.2	1.6	0.4	0.0	10.8	3	
9	27	-6	0	-0	0	0	0	2.1	0.4	0.1	0.0	2.5	1	

ASTA NUM. 391 NI 4263 NF 4488 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-249	2	5	0	1	-1	81.9	62.2	3.4	0.0	144.1	3	
7	0	-585	-1	-5	0	-1	-2	192.4	85.6	3.3	0.0	278.0	3	
8	0	288	-3	-6	0	-1	2	94.6	78.7	4.6	0.0	173.3	3	
9	0	768	2	7	0	1	3	252.5	116.9	5.0	0.0	369.4	3	
2	14	-249	2	5	0	0	-1	81.8	37.0	3.4	0.0	118.9	3	
7	14	-585	-1	-5	0	-0	-2	192.4	73.0	3.3	0.0	265.4	3	
8	14	288	-3	-6	0	-0	1	94.6	44.5	4.6	0.0	139.2	3	
9	14	768	2	7	0	0	3	252.5	98.0	5.0	0.0	350.5	3	
2	27	-249	2	5	0	-0	-1	81.8	26.8	3.4	0.0	108.6	3	
7	27	-585	-1	-5	0	0	-3	192.3	77.0	3.3	0.0	269.3	3	
8	27	288	-3	-6	0	0	1	94.7	30.3	4.6	0.0	125.0	3	
9	27	768	2	7	0	-0	3	252.6	102.6	5.0	0.0	355.2	3	

ASTA NUM. 392 NI 4488 NF 4485 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-110	2	-1	0	-0	-1	36.1	25.0	1.1	0.0	61.1	3	
7	0	-634	1	1	0	0	-3	208.5	80.2	0.8	0.0	288.7	3	
8	0	96	-2	1	0	0	1	31.6	27.7	1.3	0.0	59.3	3	
9	0	845	-1	-2	0	-0	3	277.8	107.2	1.2	0.0	385.1	3	
2	14	-110	1	-1	0	-0	-0	36.1	15.7	1.1	0.0	51.8	3	
7	14	-634	1	1	0	0	-3	208.4	73.6	0.8	0.0	282.1	3	

8	14	96	-2	1	0	0	0	31.6	15.8	1.4	0.0	47.4	3
9	14	845	-1	-2	0	-0	3	277.9	98.8	1.2	0.0	376.6	3
2	27	-110	1	-1	0	0	-0	36.1	7.1	1.0	0.0	43.1	3
7	27	-634	1	1	0	-0	-2	208.4	67.8	0.8	0.0	276.1	3
8	27	96	-2	1	0	-0	0	31.7	3.9	1.4	0.0	35.6	3
9	27	845	-1	-2	0	0	3	277.9	90.7	1.2	0.0	368.6	3

ASTA NUM. 380 NI 4485 NF 4252 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-28	1	0	0	0	-0	9.1	6.8	0.4	0.0	15.9	3	
7	0	-484	2	-0	0	-0	-3	159.0	71.3	1.7	0.0	230.3	3	
8	0	-0	-0	-0	0	-0	0	0.1	2.2	0.1	0.0	2.3	3	
9	0	651	-3	0	0	0	3	214.1	94.4	1.9	0.0	308.5	3	
2	5	-28	1	0	0	0	-0	9.1	6.1	0.4	0.0	15.2	3	
7	5	-483	2	-0	0	-0	-2	159.0	68.2	1.7	0.0	227.3	3	
8	5	-0	-0	-0	0	-0	0	0.1	2.0	0.1	0.0	2.1	3	
9	5	651	-3	0	0	0	3	214.1	90.9	1.9	0.0	305.0	3	
2	10	-28	0	0	0	0	-0	9.1	5.4	0.4	0.0	14.4	3	
7	10	-483	2	-0	0	-0	-2	159.0	65.2	1.6	0.0	224.2	3	
8	10	-0	-0	-0	0	-0	0	0.0	1.8	0.1	0.0	1.8	3	
9	10	651	-3	0	0	0	3	214.1	87.3	1.9	0.0	301.5	3	

ASTA NUM. 382 NI 4252 NF 4251 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-28	0	0	0	0	-0	9.1	5.4	0.4	0.0	14.4	3	
7	0	-483	2	-0	0	-0	-2	159.0	65.2	1.5	0.0	224.2	3	
8	0	-0	-0	-0	0	-0	0	0.0	1.8	0.1	0.0	1.8	3	
9	0	651	-2	0	0	0	3	214.1	87.3	1.8	0.0	301.5	3	
2	27	-27	0	0	0	0	-0	9.0	2.3	0.2	0.0	11.3	3	
7	27	-483	2	-0	0	-0	-2	158.9	50.3	1.4	0.0	209.2	3	
8	27	0	-0	-0	0	-0	0	0.0	0.0	0.2	0.0	0.4	2	
9	27	651	-3	0	0	0	3	214.2	68.5	1.9	0.0	282.7	3	
2	55	-27	0	0	0	-0	-0	8.9	0.6	0.1	0.0	9.6	3	
7	55	-483	2	-0	0	-0	-1	158.8	36.6	1.3	0.0	195.5	3	
8	55	0	-0	-0	0	0	-0	0.1	3.3	0.4	0.0	3.4	3	
9	55	652	-3	0	0	0	2	214.3	48.4	2.0	0.0	262.7	3	

ASTA NUM. 381 NI 4251 NF 4250 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	-0	0	-0	-0	1.6	1.2	0.1	0.0	2.8	3	
7	0	-184	2	0	0	-0	-1	60.4	37.1	1.8	0.0	97.5	3	
8	0	-9	0	0	0	0	-0	3.0	2.2	0.2	0.0	5.2	3	
9	0	246	-3	-0	0	0	2	81.0	49.3	2.1	0.0	130.2	3	
2	27	-5	0	-0	0	0	-0	1.5	0.3	0.0	0.0	1.8	3	
7	27	-183	2	0	0	-0	-1	60.3	20.1	1.6	0.0	80.4	3	
8	27	-9	0	0	0	-0	-0	2.9	0.8	0.1	0.0	3.8	3	
9	27	246	-3	-0	0	0	1	81.0	27.5	2.2	0.0	108.5	3	
2	55	-4	-0	-0	0	0	-0	1.4	0.9	0.1	0.0	2.3	3	
7	55	-183	2	0	0	-0	-0	60.2	4.3	1.5	0.0	64.5	3	
8	55	-9	-0	0	0	-0	-0	2.8	1.0	0.1	0.0	3.8	3	
9	55	247	-3	-0	0	0	0	81.1	4.4	2.4	0.0	85.5	3	

ASTA NUM. 379 NI 4250 NF 4249 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-1	-0	0	0	0	0	0.2	0.2	0.1	0.0	0.5	2
7	0	-27	1	-0	0	-0	-0	9.0	4.6	0.8	0.0	13.6	3
8	0	-6	0	-0	0	-0	-0	1.9	1.4	0.3	0.0	3.3	3
9	0	32	-1	0	0	0	0	10.5	5.7	1.0	0.0	16.3	3
2	5	-1	-0	0	0	0	0	0.2	0.1	0.1	0.0	0.4	2
7	5	-27	1	-0	0	-0	-0	9.0	3.1	0.7	0.0	12.1	3
8	5	-6	0	-0	0	-0	-0	1.9	0.8	0.3	0.0	2.7	3
9	5	32	-1	0	0	0	0	10.6	3.7	1.0	0.0	14.3	3
2	10	-1	-0	0	0	0	-0	0.2	0.3	0.2	0.0	0.6	5
7	10	-27	1	-0	0	-0	-0	9.0	1.7	0.7	0.0	10.6	3
8	10	-6	0	-0	0	-0	0	1.9	0.0	0.2	0.0	2.0	2
9	10	32	-1	0	0	0	0	10.6	1.7	1.0	0.0	12.3	3

ASTA NUM. 378 NI 4249 NF 4260 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	-0	0	0	0	0.3	0.0	0.0	0.0	0.3	2	
7	0	-12	0	0	0	-0	-0	3.9	2.1	0.2	0.0	6.0	3	
8	0	-3	0	0	0	-0	-0	0.9	0.9	0.2	0.0	1.8	3	
9	0	13	-0	-0	0	0	0	4.3	2.2	0.1	0.0	6.4	3	
2	14	-1	-0	-0	0	0	0	0.2	0.0	0.0	0.0	0.3	2	
7	14	-12	0	0	0	-0	-0	3.8	1.3	0.1	0.0	5.1	3	
8	14	-3	0	0	0	-0	0	0.8	0.1	0.1	0.0	0.9	2	
9	14	13	-0	-0	0	0	0	4.3	1.6	0.2	0.0	5.9	3	
2	27	-1	-0	-0	0	0	-0	0.2	0.4	0.1	0.0	0.6	3	
7	27	-12	0	0	0	-0	-0	3.8	0.8	0.1	0.0	4.6	3	
8	27	-2	0	0	0	-0	0	0.8	0.1	0.0	0.0	0.9	2	
9	27	13	-0	-0	0	0	0	4.3	0.7	0.2	0.0	5.0	3	

ASTA NUM. 389 NI 4260 NF 4259 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.47 0.47 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	0	0	0	0	0.4	0.1	0.0	0.0	0.5	2	
7	0	-7	0	-0	0	-0	-0	2.1	1.4	0.1	0.0	3.5	3	
8	0	1	0	-0	0	-0	-0	0.3	0.4	0.1	0.0	0.7	3	
9	0	8	-0	0	0	0	0	2.7	1.5	0.0	0.0	4.2	3	
2	14	-1	-0	0	0	0	0	0.4	0.0	0.0	0.0	0.4	2	
7	14	-6	0	-0	0	-0	-0	2.1	0.7	0.1	0.0	2.8	3	
8	14	1	0	-0	0	-0	0	0.3	0.1	0.1	0.0	0.4	2	
9	14	8	-0	0	0	0	0	2.8	1.1	0.1	0.0	3.8	3	
2	27	-1	-0	0	0	-0	-0	0.4	0.4	0.1	0.0	0.7	1	
7	27	-6	0	-0	0	0	-0	2.1	0.4	0.0	0.0	2.4	3	
8	27	1	-0	-0	0	0	0	0.4	0.3	0.0	0.0	0.7	1	
9	27	9	-0	0	0	-0	0	2.8	0.3	0.2	0.0	3.1	3	

Lavoro: **SOSTEGNO TRACKER** Intestazione lavoro: **SOSTEGNI TRACKER GROTTAGLIE**
 Elemento: **TRAVE** Metodo di verifica: **Stati limite**
 Gruppo: **3** Descrizione: **TRAVERSA ORIZZONTALE SCHEMA 55 GRADI**
 Tabella: **Tabella travi** Struttura: **Nuova**
 Tipo acciaio: **S 235**

ASTA NUM. 1 NI 3790 NF 4166 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2050	-316	-1817	0	-349	5	97.8	522.9	282.3	0.0	701.3	5	
7	0	-2029	-316	-1818	0	-349	143	96.8	660.6	282.4	0.0	811.9	5	
8	0	2356	-279	2084	0	401	161	112.4	757.2	323.8	0.0	931.7	5	
9	0	2326	-279	2085	0	401	-36	111.0	630.5	323.9	0.0	827.6	5	
2	16	-2050	-313	-1815	0	-53	-47	97.8	125.9	282.0	0.0	509.3	1	
7	16	-2029	-313	-1816	0	-53	91	96.8	170.0	282.1	0.0	523.7	1	
8	16	2356	-276	2086	0	62	116	112.4	208.0	324.1	0.0	606.1	1	
9	16	2326	-276	2087	0	61	-81	111.0	171.7	324.2	0.0	593.5	1	

2	33	-2050	-311	-1813	0	242	-97	97.8	457.0	281.7	0.0	655.8	5
7	33	-2029	-311	-1814	0	243	40	96.8	400.9	281.8	0.0	613.7	5
8	33	2356	-274	2088	0	-278	71	112.4	484.2	324.4	0.0	723.5	5
9	33	2326	-274	2089	0	-279	-126	111.0	540.4	324.5	0.0	764.5	5

ASTA NUM. 11 NI 4166 NF 4194 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	440	262	-73	0	-11	-99	21.0	116.3	22.4	0.0	137.3	3	
7	0	440	-173	-83	0	-14	43	21.0	64.3	14.8	0.0	85.3	3	
8	0	-500	-268	74	0	12	74	23.9	92.4	22.9	0.0	116.3	3	
9	0	-501	353	88	0	16	-128	23.9	152.4	30.1	0.0	176.3	3	
2	33	440	268	-69	0	12	-13	21.0	30.3	22.8	0.0	55.4	5	
7	33	440	-167	-79	0	12	-13	21.0	30.3	14.3	0.0	53.7	5	
8	33	-500	-263	78	0	-13	-12	23.9	31.4	22.4	0.0	59.3	5	
9	33	-501	358	92	0	-13	-12	23.9	31.4	30.6	0.0	68.4	2	
2	65	440	273	-65	0	34	75	21.0	125.7	23.3	0.0	146.7	3	
7	65	440	-162	-75	0	37	-66	21.0	121.1	13.8	0.0	142.1	3	
8	65	-500	-257	82	0	-39	-97	23.9	155.2	21.9	0.0	179.1	3	
9	65	-501	364	96	0	-44	106	23.9	170.5	31.1	0.0	194.4	3	

ASTA NUM. 10 NI 4194 NF 3787 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1136	-5	-5	0	28	73	54.2	115.0	0.7	0.0	169.2	3	
7	0	1115	-5	-5	0	27	-64	53.2	105.4	0.7	0.0	158.6	3	
8	0	-1306	-7	-3	0	-33	-94	62.3	143.2	0.6	0.0	205.5	3	
9	0	-1276	-7	-3	0	-32	103	60.9	151.0	0.6	0.0	211.8	3	
2	16	1136	-2	-3	0	29	73	54.2	115.3	0.4	0.0	169.5	3	
7	16	1115	-2	-3	0	28	-65	53.2	106.9	0.4	0.0	160.1	3	
8	16	-1306	-4	-1	0	-33	-95	62.3	143.6	0.3	0.0	205.9	3	
9	16	-1276	-4	-1	0	-32	102	60.9	149.7	0.3	0.0	210.5	3	
2	33	1136	1	-1	0	29	73	54.2	115.6	0.1	0.0	169.8	3	
7	33	1115	1	-1	0	28	-65	53.2	107.4	0.1	0.0	160.6	3	
8	33	-1306	-1	1	0	-33	-95	62.3	144.0	0.2	0.0	206.3	3	
9	33	-1276	-1	1	0	-32	102	60.9	149.3	0.2	0.0	210.2	3	

ASTA NUM. 34 NI 3787 NF 4168 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1136	1	-1	0	29	73	54.2	115.6	0.1	0.0	169.8	3	
7	0	1115	1	-1	0	28	-65	53.2	107.4	0.1	0.0	160.6	3	
8	0	-1306	-1	1	0	-33	-95	62.3	144.0	0.2	0.0	206.3	3	
9	0	-1276	-1	1	0	-32	102	60.9	149.3	0.2	0.0	210.2	3	
2	16	1136	3	1	0	29	73	54.2	115.9	0.3	0.0	170.1	3	
7	16	1115	3	1	0	28	-65	53.2	107.0	0.3	0.0	160.2	3	
8	16	-1306	2	3	0	-33	-95	62.3	144.5	0.5	0.0	206.8	3	
9	16	-1276	2	3	0	-32	102	60.9	149.9	0.5	0.0	210.8	3	
2	33	1136	6	3	0	28	74	54.2	116.2	0.5	0.0	170.4	3	
7	33	1115	6	3	0	28	-64	53.2	105.7	0.5	0.0	158.9	3	
8	33	-1306	5	5	0	-34	-95	62.3	144.9	0.8	0.0	207.2	3	
9	33	-1276	5	5	0	-33	102	60.9	151.4	0.8	0.0	212.3	3	

ASTA NUM. 9 NI 4168 NF 4197 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	463	-277	64	0	34	76	22.1	126.2	23.6	0.0	148.3	3
7	0	464	158	73	0	37	-66	22.1	120.8	13.5	0.0	142.9	3
8	0	-536	262	-80	0	-39	-97	25.6	155.9	22.4	0.0	181.5	3
9	0	-537	-358	-93	0	-44	105	25.6	170.1	30.6	0.0	195.7	3
2	33	463	-271	68	0	12	-14	22.1	32.0	23.2	0.0	57.8	5
7	33	464	163	77	0	12	-14	22.1	32.0	14.0	0.0	56.1	5
8	33	-536	268	-76	0	-14	-11	25.6	31.4	22.9	0.0	60.8	2
9	33	-537	-353	-89	0	-14	-11	25.6	31.5	30.1	0.0	69.7	2
2	65	463	-266	72	0	-10	-101	22.1	116.7	22.7	0.0	138.8	3
7	65	464	169	81	0	-13	41	22.1	60.5	14.4	0.0	82.7	3
8	65	-536	274	-72	0	10	77	25.6	93.0	23.4	0.0	118.6	3
9	65	-537	-347	-85	0	15	-125	25.6	146.8	29.6	0.0	172.5	3

ASTA NUM. 8 NI 4197 NF 2474 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2017	315	1817	0	245	-99	96.2	463.5	282.3	0.0	659.9	5	
7	0	-1995	316	1818	0	246	38	95.2	403.3	282.4	0.0	614.6	5	
8	0	2309	267	-2094	0	-282	74	110.2	493.8	325.3	0.0	729.4	5	
9	0	2278	266	-2096	0	-284	-122	108.7	543.7	325.6	0.0	765.9	5	
2	16	-2017	318	1819	0	-51	-48	96.2	123.9	282.6	0.0	510.3	1	
7	16	-1995	318	1820	0	-51	90	95.2	165.3	282.7	0.0	523.7	1	
8	16	2309	270	-2092	0	58	118	110.2	205.1	325.0	0.0	607.5	1	
9	16	2278	269	-2094	0	58	-79	108.7	164.9	325.3	0.0	594.0	1	
2	33	-2017	321	1821	0	-348	4	96.2	520.0	282.9	0.0	698.4	5	
7	33	-1995	321	1822	0	-347	142	95.2	657.9	283.1	0.0	808.8	5	
8	33	2309	272	-2090	0	399	162	110.2	755.0	324.7	0.0	928.6	5	
9	33	2278	272	-2092	0	399	-35	108.7	626.6	325.0	0.0	823.6	5	

ASTA NUM. 43 NI 2474 NF 4172 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2020	-336	-1837	0	-351	9	96.4	530.4	285.4	0.0	708.6	5	
7	0	-1998	-336	-1838	0	-351	147	95.3	667.9	285.5	0.0	818.8	5	
8	0	2313	-249	2113	0	404	155	110.4	755.3	328.3	0.0	931.3	5	
9	0	2281	-250	2114	0	404	-42	108.8	641.5	328.4	0.0	837.9	5	
2	16	-2020	-333	-1835	0	-52	-45	96.4	123.0	285.1	0.0	513.8	1	
7	16	-1998	-333	-1836	0	-52	92	95.3	169.4	285.2	0.0	528.6	1	
8	16	2313	-246	2115	0	60	114	110.4	203.8	328.6	0.0	612.0	1	
9	16	2281	-247	2116	0	59	-83	108.8	170.9	328.7	0.0	600.8	1	
2	33	-2020	-331	-1833	0	246	-99	96.4	465.6	284.8	0.0	663.7	5	
7	33	-1998	-330	-1834	0	247	38	95.3	405.3	284.9	0.0	618.4	5	
8	33	2313	-244	2117	0	-285	74	110.4	496.9	328.9	0.0	735.0	5	
9	33	2281	-244	2118	0	-286	-123	108.8	546.8	329.0	0.0	771.2	5	

ASTA NUM. 7 NI 4172 NF 4200 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	527	266	-76	0	-10	-101	25.2	116.7	22.7	0.0	141.8	3	
7	0	529	-169	-86	0	-13	41	25.2	60.5	14.4	0.0	85.7	3	
8	0	-631	-274	79	0	10	78	30.1	92.9	23.4	0.0	123.0	3	
9	0	-633	347	92	0	14	-125	30.2	146.8	29.6	0.0	177.0	3	
2	33	527	271	-72	0	14	-14	25.2	34.3	23.2	0.0	62.7	5	
7	33	529	-163	-82	0	14	-13	25.2	34.2	13.9	0.0	61.1	5	
8	33	-631	-268	83	0	-16	-11	30.1	34.8	22.9	0.0	68.1	5	
9	33	-633	353	96	0	-16	-11	30.2	35.1	30.1	0.0	75.2	2	
2	65	527	277	-68	0	37	76	25.2	130.8	23.7	0.0	155.9	3	
7	65	529	-158	-78	0	40	-66	25.2	125.2	13.5	0.0	150.4	3	
8	65	-631	-263	87	0	-44	-97	30.1	162.7	22.4	0.0	192.8	3	
9	65	-633	358	100	0	-48	105	30.2	176.7	30.6	0.0	206.8	3	

ASTA NUM. 27 NI 4200 NF 3789 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1275	-7	-8	0	30	74	60.8	119.1	1.2	0.0	179.9	3	
7	0	1254	-8	-8	0	30	-64	59.8	108.5	1.2	0.0	168.3	3	
8	0	-1512	-3	1	0	-37	-95	72.1	149.3	0.3	0.0	221.4	3	
9	0	-1482	-2	1	0	-36	102	70.7	155.6	0.2	0.0	226.3	3	
2	16	1275	-4	-6	0	31	73	60.8	119.8	0.9	0.0	180.6	3	
7	16	1254	-5	-6	0	31	-65	59.8	111.2	0.9	0.0	171.0	3	
8	16	-1512	-1	3	0	-37	-95	72.1	150.2	0.5	0.0	222.3	3	
9	16	-1482	1	3	0	-36	102	70.7	156.0	0.5	0.0	226.7	3	
2	33	1275	-2	-4	0	32	72	60.8	120.4	0.6	0.0	181.2	3	
7	33	1254	-2	-4	0	32	-66	59.8	112.9	0.6	0.0	172.7	3	
8	33	-1512	2	5	0	-38	-95	72.1	151.1	0.8	0.0	223.2	3	
9	33	-1482	3	5	0	-37	102	70.7	157.4	0.8	0.0	228.1	3	

ASTA NUM. 35 NI 3789 NF 4263 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1275	-2	-4	0	32	72	60.8	120.4	0.6	0.0	181.2	3	
7	0	1254	-2	-4	0	32	-66	59.8	112.9	0.6	0.0	172.7	3	
8	0	-1512	2	5	0	-38	-95	72.1	151.1	0.8	0.0	223.2	3	
9	0	-1482	3	5	0	-37	102	70.7	157.4	0.8	0.0	228.1	3	
2	16	1275	1	-2	0	33	72	60.8	121.0	0.3	0.0	181.8	3	
7	16	1254	1	-2	0	32	-66	59.8	113.7	0.3	0.0	173.5	3	
8	16	-1512	5	7	0	-39	-94	72.1	152.0	1.1	0.0	224.1	3	
9	16	-1482	6	7	0	-38	103	70.7	159.7	1.1	0.0	230.4	3	
2	33	1275	4	0	0	33	73	60.8	121.6	0.4	0.0	182.5	3	
7	33	1254	3	0	0	32	-65	59.8	113.5	0.3	0.0	173.3	3	
8	33	-1512	8	9	0	-40	-93	72.1	153.0	1.5	0.0	225.1	3	
9	33	-1482	9	9	0	-39	104	70.7	163.0	1.5	0.0	233.7	3	

ASTA NUM. 28 NI 4263 NF 4461 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	647	-268	62	0	38	75	30.9	130.9	22.9	0.0	161.8	3	
7	0	647	172	71	0	41	-67	30.9	127.9	14.7	0.0	158.7	3	
8	0	-809	250	-77	0	-45	-96	38.6	162.8	21.3	0.0	201.5	3	
9	0	-810	-379	-90	0	-49	107	38.6	180.5	32.4	0.0	219.1	3	
2	16	647	-266	64	0	27	31	30.9	72.1	22.7	0.0	102.9	3	
7	16	647	175	73	0	29	-39	30.9	82.1	14.9	0.0	113.0	3	
8	16	-809	252	-75	0	-33	-55	38.6	103.4	21.5	0.0	142.0	3	
9	16	-810	-376	-88	0	-35	45	38.6	97.2	32.1	0.0	135.8	3	
2	33	647	-263	66	0	17	-12	30.9	36.9	22.4	0.0	69.6	5	
7	33	647	177	75	0	17	-10	30.9	35.4	15.1	0.0	67.1	5	
8	33	-809	255	-73	0	-21	-14	38.6	44.0	21.8	0.0	83.3	5	
9	33	-810	-374	-86	0	-21	-16	38.6	46.1	31.9	0.0	88.5	2	

ASTA NUM. 38 NI 4461 NF 4202 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	647	-263	66	0	17	-12	30.9	36.9	22.4	0.0	69.6	5	
7	0	647	177	75	0	17	-10	30.9	35.4	15.1	0.0	67.1	5	
8	0	-809	255	-73	0	-21	-14	38.6	44.0	21.8	0.0	83.3	5	
9	0	-810	-374	-86	0	-21	-16	38.6	46.1	31.9	0.0	88.5	2	
2	16	647	-260	68	0	6	-54	30.9	63.4	22.2	0.0	94.4	5	
7	16	647	180	77	0	4	19	30.9	25.5	15.4	0.0	59.2	5	
8	16	-809	258	-71	0	-9	28	38.6	41.4	22.0	0.0	81.6	5	

9	16	-810	-371	-84	0	-7	-76	38.6	86.3	31.6	0.0	125.3	5
2	33	647	-257	70	0	-5	-96	30.9	104.5	21.9	0.0	135.4	3
7	33	647	183	79	0	-8	48	30.9	60.7	15.6	0.0	91.6	3
8	33	-809	261	-69	0	3	70	38.6	74.7	22.3	0.0	113.3	3
9	33	-810	-368	-82	0	7	-136	38.6	147.0	31.4	0.0	185.7	3

ASTA NUM. 29 NI 4202 NF 4460 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1716	386	1844	0	244	-95	81.9	458.0	286.5	0.0	648.4	5	
7	0	-1695	351	1844	0	245	46	80.9	410.0	286.5	0.0	612.6	5	
8	0	1853	163	-2133	0	-281	68	88.4	485.2	331.4	0.0	712.1	5	
9	0	1823	214	-2133	0	-282	-135	87.0	554.0	331.4	0.0	761.5	5	
2	16	-1716	389	1846	0	-56	-32	81.9	115.4	286.8	0.0	509.6	1	
7	16	-1695	354	1846	0	-56	104	80.9	186.7	286.8	0.0	530.1	1	
8	16	1853	166	-2131	0	66	94	88.4	192.7	331.1	0.0	601.9	1	
9	16	1823	217	-2131	0	65	-99	87.0	196.3	331.1	0.0	603.1	1	
2	33	-1716	392	1848	0	-357	32	81.9	561.8	287.1	0.0	722.5	5	
7	33	-1695	356	1848	0	-356	162	80.9	691.3	287.1	0.0	826.4	5	
8	33	1853	169	-2129	0	413	122	88.4	735.1	330.8	0.0	897.1	5	
9	33	1823	220	-2129	0	412	-64	87.0	675.6	330.8	0.0	848.2	5	

ASTA NUM. 39 NI 4460 NF 4489 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1681	-138	-1701	0	-308	-39	80.2	495.5	264.3	0.0	652.7	5	
7	0	-1660	-182	-1702	0	-308	92	79.2	548.7	264.4	0.0	694.2	5	
8	0	1800	-539	1913	0	340	226	85.9	731.2	297.2	0.0	872.6	5	
9	0	1771	-476	1915	0	340	40	84.5	543.9	297.5	0.0	720.5	5	
2	16	-1681	-135	-1699	0	-31	-61	80.2	107.0	264.0	0.0	478.5	1	
7	16	-1660	-179	-1700	0	-31	63	79.2	108.1	264.1	0.0	479.0	1	
8	16	1800	-536	1915	0	28	139	85.9	180.9	297.5	0.0	562.2	1	
9	16	1771	-473	1917	0	28	-38	84.5	78.9	297.8	0.0	530.1	1	
2	33	-1681	-132	-1697	0	246	-83	80.2	447.3	263.6	0.0	618.3	5	
7	33	-1660	-176	-1698	0	246	34	79.2	399.0	263.8	0.0	581.7	5	
8	33	1800	-533	1917	0	-284	51	85.9	472.8	297.8	0.0	671.3	5	
9	33	1771	-471	1919	0	-285	-115	84.5	537.5	298.1	0.0	719.0	5	

ASTA NUM. 30 NI 4489 NF 4201 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	654	130	-44	0	4	-84	31.2	90.5	11.1	0.0	121.7	3	
7	0	658	-63	-54	0	1	36	31.4	37.2	8.3	0.0	68.7	1	
8	0	-883	-94	38	0	-10	55	42.1	69.8	8.1	0.0	112.0	3	
9	0	-890	181	52	0	-6	-117	42.5	125.2	15.5	0.0	167.7	3	
2	33	654	135	-40	0	18	-41	31.2	67.3	11.6	0.0	98.5	3	
7	33	658	-58	-50	0	18	16	31.4	42.3	7.7	0.0	73.7	3	
8	33	-883	-89	42	0	-23	25	42.1	59.2	7.6	0.0	101.4	3	
9	33	-890	187	56	0	-23	-57	42.5	91.3	16.0	0.0	133.8	3	
2	65	654	141	-36	0	30	4	31.2	48.4	12.0	0.0	79.6	3	
7	65	658	-52	-46	0	33	-2	31.4	51.4	7.1	0.0	82.8	3	
8	65	-883	-83	46	0	-37	-3	42.1	58.8	7.1	0.0	101.0	3	
9	65	-890	193	60	0	-42	5	42.5	68.2	16.5	0.0	110.6	3	

ASTA NUM. 36 NI 4201 NF 3792 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	0	-6	-4	0	-1	1	0.0	1.9	0.6	0.0	2.0	5
7	0	0	-6	-4	0	-1	1	0.0	1.9	0.6	0.0	2.0	5
8	0	-0	-6	-4	0	-1	1	0.0	1.9	0.6	0.0	2.0	5
9	0	-0	-6	-4	0	-1	1	0.0	1.9	0.6	0.0	2.0	5
2	16	0	-3	-2	0	-0	0	0.0	0.5	0.3	0.0	0.7	5
7	16	0	-3	-2	0	-0	0	0.0	0.5	0.3	0.0	0.7	5
8	16	-0	-3	-2	0	-0	0	0.0	0.5	0.3	0.0	0.7	5
9	16	-0	-3	-2	0	-0	0	0.0	0.5	0.3	0.0	0.7	5
2	33	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	1
7	33	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	1
8	33	-0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	1
9	33	-0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	1

ASTA NUM. 42 NI 4476 NF 4164 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2046	-298	-1804	0	-345	-1	97.6	513.1	280.3	0.0	692.1	5	
7	0	-2025	-299	-1805	0	-345	137	96.6	648.7	280.4	0.0	800.7	5	
8	0	2351	-305	2064	0	395	170	112.2	756.9	320.7	0.0	929.4	5	
9	0	2321	-305	2065	0	395	-27	110.7	613.0	320.8	0.0	811.5	5	
2	16	-2046	-296	-1802	0	-51	-49	97.6	125.9	280.0	0.0	506.8	1	
7	16	-2025	-296	-1803	0	-51	88	96.6	164.1	280.1	0.0	519.3	1	
8	16	2351	-303	2066	0	59	120	112.2	208.0	321.0	0.0	602.7	1	
9	16	2321	-302	2067	0	58	-77	110.7	163.1	321.1	0.0	587.0	1	
2	33	-2046	-293	-1800	0	242	-97	97.6	456.8	279.6	0.0	653.7	5	
7	33	-2025	-293	-1801	0	243	40	96.6	400.5	279.8	0.0	611.3	5	
8	33	2351	-300	2068	0	-278	71	112.2	484.0	321.3	0.0	720.4	5	
9	33	2321	-299	2069	0	-279	-126	110.7	539.7	321.4	0.0	761.2	5	

ASTA NUM. 17 NI 4164 NF 4182 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	436	262	-72	0	-11	-99	20.8	116.0	22.4	0.0	136.8	3	
7	0	436	-173	-82	0	-14	43	20.8	63.8	14.7	0.0	84.6	3	
8	0	-495	-269	73	0	12	75	23.6	91.9	22.9	0.0	115.5	3	
9	0	-495	352	86	0	16	-128	23.6	151.7	30.1	0.0	175.3	3	
2	33	436	268	-68	0	12	-13	20.8	30.1	22.9	0.0	55.0	5	
7	33	436	-167	-78	0	12	-13	20.8	30.2	14.3	0.0	53.3	5	
8	33	-495	-263	77	0	-13	-12	23.6	31.2	22.5	0.0	58.8	5	
9	33	-495	358	90	0	-13	-12	23.6	31.1	30.6	0.0	68.0	2	
2	65	436	273	-64	0	33	75	20.8	125.1	23.3	0.0	145.9	3	
7	65	436	-161	-74	0	36	-66	20.8	120.4	13.8	0.0	141.2	3	
8	65	-495	-257	81	0	-39	-97	23.6	154.4	22.0	0.0	178.0	3	
9	65	-495	364	94	0	-43	106	23.6	169.5	31.1	0.0	193.1	3	

ASTA NUM. 4 NI 4182 NF 3779 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1118	-6	-4	0	28	73	53.3	114.8	0.6	0.0	168.2	3	
7	0	1097	-6	-4	0	27	-64	52.3	105.0	0.6	0.0	157.3	3	
8	0	-1279	-5	-4	0	-33	-94	61.0	143.0	0.6	0.0	204.0	3	
9	0	-1249	-5	-4	0	-32	103	59.6	150.4	0.6	0.0	210.0	3	
2	16	1118	-3	-2	0	28	73	53.3	114.8	0.3	0.0	168.2	3	
7	16	1097	-3	-2	0	28	-65	52.3	106.5	0.3	0.0	158.8	3	
8	16	-1279	-2	-2	0	-32	-95	61.0	142.9	0.3	0.0	203.9	3	
9	16	-1249	-2	-2	0	-31	102	59.6	149.1	0.3	0.0	208.7	3	
2	33	1118	-0	0	0	28	72	53.3	114.8	0.0	0.0	168.1	3	
7	33	1097	-0	0	0	28	-65	52.3	107.0	0.0	0.0	159.3	3	
8	33	-1279	0	-0	0	-32	-95	61.0	142.8	0.0	0.0	203.8	3	
9	33	-1249	0	-0	0	-31	102	59.6	148.6	0.0	0.0	208.2	3	

ASTA NUM. 3 NI 3779 NF 4160 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1118	-0	0	0	28	72	53.3	114.8	0.0	0.0	168.1	3	
7	0	1097	-0	0	0	28	-65	52.3	107.0	0.0	0.0	159.3	3	
8	0	-1279	0	-0	0	-32	-95	61.0	142.8	0.0	0.0	203.8	3	
9	0	-1249	0	-0	0	-31	102	59.6	148.6	0.0	0.0	208.2	3	
2	16	1118	3	2	0	28	73	53.3	114.7	0.3	0.0	168.1	3	
7	16	1097	3	2	0	28	-65	52.3	106.5	0.3	0.0	158.9	3	
8	16	-1279	3	2	0	-32	-95	61.0	142.7	0.3	0.0	203.8	3	
9	16	-1249	3	2	0	-31	102	59.6	149.2	0.3	0.0	208.7	3	
2	33	1118	5	4	0	28	73	53.3	114.7	0.6	0.0	168.0	3	
7	33	1097	5	4	0	27	-65	52.3	105.1	0.6	0.0	157.5	3	
8	33	-1279	6	4	0	-33	-94	61.0	142.7	0.6	0.0	203.7	3	
9	33	-1249	6	4	0	-32	103	59.6	150.6	0.6	0.0	210.2	3	

ASTA NUM. 16 NI 4160 NF 4185 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	436	-272	64	0	33	75	20.8	125.0	23.2	0.0	145.8	3	
7	0	436	163	74	0	36	-66	20.8	120.5	13.9	0.0	141.3	3	
8	0	-495	255	-81	0	-39	-97	23.6	154.2	21.8	0.0	177.8	3	
9	0	-495	-366	-94	0	-43	106	23.6	169.7	31.2	0.0	193.3	3	
2	33	436	-266	68	0	12	-12	20.8	29.8	22.7	0.0	54.8	2	
7	33	436	168	78	0	12	-12	20.8	29.9	14.4	0.0	53.1	5	
8	33	-495	261	-77	0	-13	-13	23.6	31.7	22.3	0.0	59.2	5	
9	33	-495	-360	-90	0	-13	-13	23.6	31.7	30.7	0.0	68.3	2	
2	65	436	-260	72	0	-11	-98	20.8	115.2	22.2	0.0	136.0	3	
7	65	436	174	82	0	-14	43	20.8	64.6	14.9	0.0	85.4	3	
8	65	-495	267	-73	0	12	73	23.6	90.8	22.8	0.0	114.4	3	
9	65	-495	-354	-86	0	16	-129	23.6	152.9	30.3	0.0	176.5	3	

ASTA NUM. 15 NI 4185 NF 4464 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2037	294	1799	0	241	-97	97.2	454.8	279.5	0.0	651.7	5	
7	0	-2016	294	1800	0	242	41	96.2	400.1	279.6	0.0	610.6	5	
8	0	2338	299	-2067	0	-277	70	111.5	481.0	321.1	0.0	717.7	5	
9	0	2308	298	-2069	0	-278	-127	110.1	539.1	321.4	0.0	760.4	5	
2	16	-2037	296	1801	0	-52	-49	97.2	126.0	279.8	0.0	506.1	1	
7	16	-2016	297	1802	0	-52	89	96.2	166.1	280.0	0.0	519.3	1	
8	16	2338	301	-2065	0	60	119	111.5	208.2	320.8	0.0	601.7	1	
9	16	2308	301	-2067	0	59	-78	110.1	166.0	321.1	0.0	587.2	1	
2	33	-2037	299	1803	0	-346	-0	97.2	512.9	280.1	0.0	691.4	5	
7	33	-2016	300	1804	0	-345	138	96.2	650.7	280.3	0.0	801.8	5	
8	33	2338	304	-2063	0	396	168	111.5	756.8	320.5	0.0	928.6	5	
9	33	2308	304	-2065	0	396	-29	110.1	616.0	320.8	0.0	813.2	5	

ASTA NUM. 41 NI 4464 NF 4162 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2037	-299	-1803	0	-346	-0	97.2	512.9	280.1	0.0	691.5	5	
7	0	-2016	-300	-1804	0	-345	138	96.2	650.7	280.3	0.0	801.8	5	
8	0	2338	-304	2063	0	396	168	111.5	756.6	320.5	0.0	928.5	5	
9	0	2308	-304	2065	0	396	-29	110.1	615.8	320.8	0.0	813.1	5	
2	16	-2037	-296	-1801	0	-52	-49	97.2	126.0	279.8	0.0	506.1	1	
7	16	-2016	-297	-1802	0	-52	89	96.2	166.1	280.0	0.0	519.3	1	

8	16	2338	-301	2065	0	60	119	111.5	208.1	320.8	0.0	601.7	1
9	16	2308	-301	2067	0	59	-78	110.1	165.9	321.1	0.0	587.2	1
2	33	-2037	-294	-1799	0	241	-97	97.2	454.8	279.5	0.0	651.7	5
7	33	-2016	-294	-1800	0	242	41	96.2	400.1	279.6	0.0	610.6	5
8	33	2338	-299	2067	0	-277	70	111.5	481.0	321.1	0.0	717.7	5
9	33	2308	-298	2069	0	-278	-127	110.1	539.1	321.4	0.0	760.4	5

ASTA NUM. 14 NI 4162 NF 4188 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	436	261	-72	0	-11	-98	20.8	115.2	22.3	0.0	136.0	3	
7	0	436	-174	-82	0	-14	43	20.8	64.6	14.9	0.0	85.4	3	
8	0	-495	-267	73	0	12	73	23.6	90.8	22.8	0.0	114.4	3	
9	0	-495	354	86	0	16	-129	23.6	152.9	30.3	0.0	176.5	3	
2	33	436	266	-68	0	12	-12	20.8	29.8	22.7	0.0	54.8	2	
7	33	436	-168	-78	0	12	-12	20.8	29.8	14.4	0.0	53.1	5	
8	33	-495	-261	77	0	-13	-13	23.6	31.6	22.3	0.0	59.1	5	
9	33	-495	360	90	0	-13	-13	23.6	31.7	30.7	0.0	68.3	2	
2	65	436	272	-64	0	33	75	20.8	125.0	23.2	0.0	145.8	3	
7	65	436	-163	-74	0	36	-66	20.8	120.5	13.9	0.0	141.3	3	
8	65	-495	-255	81	0	-39	-97	23.6	154.2	21.8	0.0	177.8	3	
9	65	-495	366	94	0	-43	106	23.6	169.7	31.2	0.0	193.3	3	

ASTA NUM. 13 NI 4188 NF 3785 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1118	-5	-4	0	28	73	53.3	114.7	0.6	0.0	168.0	3	
7	0	1097	-5	-4	0	27	-65	52.3	105.1	0.6	0.0	157.5	3	
8	0	-1279	-6	-4	0	-33	-94	61.0	142.7	0.6	0.0	203.7	3	
9	0	-1249	-6	-4	0	-32	103	59.6	150.6	0.6	0.0	210.2	3	
2	16	1118	-3	-2	0	28	73	53.3	114.7	0.3	0.0	168.1	3	
7	16	1097	-3	-2	0	28	-65	52.3	106.5	0.3	0.0	158.9	3	
8	16	-1279	-3	-2	0	-32	-95	61.0	142.7	0.3	0.0	203.8	3	
9	16	-1249	-3	-2	0	-31	102	59.6	149.1	0.3	0.0	208.7	3	
2	33	1118	0	-0	0	28	72	53.3	114.8	0.0	0.0	168.1	3	
7	33	1097	0	-0	0	28	-65	52.3	107.0	0.0	0.0	159.3	3	
8	33	-1279	-0	0	0	-32	-95	61.0	142.8	0.0	0.0	203.8	3	
9	33	-1249	-0	0	0	-31	102	59.6	148.6	0.0	0.0	208.2	3	

ASTA NUM. 33 NI 3785 NF 4170 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1118	0	-0	0	28	72	53.3	114.8	0.0	0.0	168.1	3	
7	0	1097	0	-0	0	28	-65	52.3	107.0	0.0	0.0	159.3	3	
8	0	-1279	-0	0	0	-32	-95	61.0	142.8	0.0	0.0	203.8	3	
9	0	-1249	-0	0	0	-31	102	59.6	148.6	0.0	0.0	208.2	3	
2	16	1118	3	2	0	28	73	53.3	114.9	0.3	0.0	168.2	3	
7	16	1097	3	2	0	28	-65	52.3	106.5	0.3	0.0	158.8	3	
8	16	-1279	2	2	0	-32	-95	61.0	142.9	0.3	0.0	203.9	3	
9	16	-1249	3	2	0	-31	102	59.6	149.1	0.3	0.0	208.7	3	
2	33	1118	6	4	0	28	73	53.3	114.9	0.6	0.0	168.2	3	
7	33	1097	6	4	0	27	-64	52.3	105.0	0.6	0.0	157.4	3	
8	33	-1279	5	4	0	-33	-94	61.0	143.0	0.6	0.0	204.0	3	
9	33	-1249	5	4	0	-32	103	59.6	150.5	0.6	0.0	210.0	3	

ASTA NUM. 12 NI 4170 NF 4191 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	436	-273	64	0	33	75	20.8	125.1	23.3	0.0	145.9	3
7	0	436	161	74	0	36	-66	20.8	120.3	13.8	0.0	141.1	3
8	0	-495	257	-81	0	-39	-97	23.6	154.3	22.0	0.0	178.0	3
9	0	-495	-364	-94	0	-43	106	23.6	169.4	31.0	0.0	193.1	3
2	33	436	-268	68	0	12	-13	20.8	30.2	22.9	0.0	55.1	5
7	33	436	167	78	0	12	-13	20.8	30.2	14.3	0.0	53.3	5
8	33	-495	263	-77	0	-13	-12	23.6	31.2	22.4	0.0	58.8	5
9	33	-495	-358	-90	0	-13	-12	23.6	31.2	30.6	0.0	68.0	2
2	65	436	-262	72	0	-11	-99	20.8	115.9	22.4	0.0	136.7	3
7	65	436	173	82	0	-14	43	20.8	63.8	14.7	0.0	84.6	3
8	65	-495	269	-73	0	12	74	23.6	91.8	22.9	0.0	115.5	3
9	65	-495	-352	-86	0	16	-128	23.6	151.6	30.1	0.0	175.2	3

ASTA NUM. 2 NI 4191 NF 3790 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2047	293	1799	0	242	-97	97.7	456.7	279.5	0.0	653.6	5	
7	0	-2026	293	1800	0	242	40	96.7	400.4	279.6	0.0	611.1	5	
8	0	2352	300	-2068	0	-278	71	112.2	483.8	321.3	0.0	720.3	5	
9	0	2322	299	-2069	0	-279	-126	110.8	539.7	321.4	0.0	761.3	5	
2	16	-2047	295	1801	0	-51	-49	97.7	125.9	279.8	0.0	506.5	1	
7	16	-2026	296	1802	0	-51	88	96.7	164.2	280.0	0.0	519.1	1	
8	16	2352	303	-2066	0	59	120	112.2	208.1	321.0	0.0	602.8	1	
9	16	2322	302	-2067	0	58	-77	110.8	163.1	321.1	0.0	587.0	1	
2	33	-2047	298	1803	0	-345	-1	97.7	513.1	280.1	0.0	692.0	5	
7	33	-2026	299	1804	0	-345	137	96.7	648.7	280.3	0.0	800.6	5	
8	33	2352	306	-2064	0	395	170	112.2	757.0	320.7	0.0	929.6	5	
9	33	2322	305	-2065	0	395	-27	110.8	613.0	320.8	0.0	811.5	5	

ASTA NUM. 37 NI 3793 NF 4150 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	0	-0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	1	
7	0	0	-0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	1	
8	0	-0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	1	
9	0	0	0	-0	0	0	0	0.0	0.0	0.0	0.0	0.0	1	
2	16	0	3	2	0	-0	0	0.0	0.5	0.3	0.0	0.7	5	
7	16	0	3	2	0	-0	0	0.0	0.5	0.3	0.0	0.7	5	
8	16	-0	3	2	0	-0	0	0.0	0.5	0.3	0.0	0.7	5	
9	16	0	3	2	0	-0	0	0.0	0.5	0.3	0.0	0.7	5	
2	33	0	6	4	0	-1	1	0.0	1.9	0.6	0.0	2.0	5	
7	33	0	6	4	0	-1	1	0.0	1.9	0.6	0.0	2.0	5	
8	33	-0	6	4	0	-1	1	0.0	1.9	0.6	0.0	2.0	5	
9	33	0	6	4	0	-1	1	0.0	1.9	0.6	0.0	2.0	5	

ASTA NUM. 26 NI 4150 NF 3806 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	654	-140	36	0	30	3	31.2	48.0	12.0	0.0	79.2	3	
7	0	658	51	45	0	33	-1	31.4	50.6	7.1	0.0	81.9	3	
8	0	-884	82	-46	0	-38	-2	42.2	58.2	7.2	0.0	100.4	3	
9	0	-889	-191	-60	0	-42	4	42.4	66.9	16.3	0.0	109.3	3	
2	33	654	-134	40	0	18	-41	31.2	67.6	11.5	0.0	98.8	3	
7	33	658	57	49	0	18	16	31.4	42.6	7.7	0.0	74.0	3	
8	33	-884	87	-42	0	-23	25	42.2	59.6	7.4	0.0	101.8	3	
9	33	-889	-186	-56	0	-23	-57	42.4	91.7	15.8	0.0	134.1	3	
2	65	654	-128	44	0	4	-84	31.2	90.3	11.0	0.0	121.5	3	
7	65	658	62	53	0	1	36	31.4	37.2	8.3	0.0	68.6	1	
8	65	-884	93	-38	0	-10	54	42.2	69.4	7.9	0.0	111.6	3	
9	65	-889	-180	-52	0	-6	-116	42.4	125.3	15.4	0.0	167.7	3	

ASTA NUM. 25 NI 3806 NF 4452 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1681	133	1697	0	246	-83	80.2	447.2	263.6	0.0	618.3	5		
7	0	-1657	176	1698	0	246	34	79.1	399.3	263.8	0.0	581.9	5		
8	0	1801	533	-1916	0	-284	51	85.9	472.5	297.7	0.0	670.9	5		
9	0	1766	471	-1919	0	-285	-114	84.3	537.7	298.1	0.0	718.9	5		
2	16	-1681	136	1699	0	-31	-61	80.2	106.9	264.0	0.0	478.5	1		
7	16	-1657	179	1700	0	-30	62	79.1	107.8	264.1	0.0	478.9	1		
8	16	1801	536	-1914	0	28	138	85.9	180.8	297.4	0.0	561.9	1		
9	16	1766	474	-1917	0	27	-38	84.3	78.4	297.8	0.0	530.1	1		
2	33	-1681	138	1701	0	-308	-38	80.2	495.3	264.3	0.0	652.6	5		
7	33	-1657	182	1702	0	-308	92	79.1	548.5	264.4	0.0	694.0	5		
8	33	1801	539	-1912	0	340	226	85.9	731.1	297.0	0.0	872.5	5		
9	33	1766	477	-1915	0	340	40	84.3	543.9	297.5	0.0	720.2	5		

ASTA NUM. 40 NI 4452 NF 4156 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1716	-393	-1848	0	-357	32	81.9	562.1	287.1	0.0	722.7	5		
7	0	-1692	-357	-1848	0	-356	162	80.7	691.4	287.1	0.0	826.4	5		
8	0	1853	-169	2129	0	413	122	88.4	734.9	330.8	0.0	896.9	5		
9	0	1818	-220	2129	0	412	-64	86.7	675.4	330.8	0.0	847.8	5		
2	16	-1716	-390	-1846	0	-56	-32	81.9	115.3	286.8	0.0	509.6	1		
7	16	-1692	-354	-1846	0	-56	104	80.7	186.6	286.8	0.0	530.0	1		
8	16	1853	-166	2131	0	66	94	88.4	192.6	331.1	0.0	601.9	1		
9	16	1818	-217	2131	0	65	-99	86.7	196.2	331.1	0.0	603.0	1		
2	33	-1716	-387	-1844	0	244	-95	81.9	457.9	286.5	0.0	648.4	5		
7	33	-1692	-351	-1844	0	245	46	80.7	410.1	286.5	0.0	612.6	5		
8	33	1853	-164	2133	0	-281	67	88.4	485.2	331.4	0.0	712.1	5		
9	33	1818	-214	2133	0	-282	-134	86.7	553.8	331.4	0.0	761.2	5		

ASTA NUM. 24 NI 4156 NF 3803 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	646	257	-70	0	-5	-97	30.8	104.8	22.0	0.0	135.6	3		
7	0	648	-183	-79	0	-8	48	30.9	60.8	15.7	0.0	91.7	3		
8	0	-808	-261	69	0	3	71	38.5	74.9	22.3	0.0	113.5	3		
9	0	-810	368	82	0	7	-137	38.7	147.3	31.4	0.0	185.9	3		
2	33	646	263	-66	0	17	-12	30.8	36.9	22.5	0.0	69.6	5		
7	33	648	-178	-75	0	17	-10	30.9	35.5	15.2	0.0	67.2	5		
8	33	-808	-256	73	0	-20	-13	38.5	43.9	21.8	0.0	83.1	5		
9	33	-810	374	86	0	-21	-16	38.7	46.2	31.9	0.0	88.6	2		
2	65	646	269	-62	0	38	75	30.8	130.9	23.0	0.0	161.8	3		
7	65	648	-172	-71	0	41	-67	30.9	127.9	14.7	0.0	158.8	3		
8	65	-808	-250	77	0	-45	-96	38.5	162.8	21.3	0.0	201.4	3		
9	65	-810	380	90	0	-49	107	38.7	180.6	32.4	0.0	219.2	3		

ASTA NUM. 23 NI 3803 NF 3781 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	1275	-4	-0	0	33	73	60.8	121.6	0.4	0.0	182.4	3		
7	0	1255	-3	-0	0	32	-65	59.9	113.5	0.3	0.0	173.4	3		
8	0	-1511	-8	-9	0	-40	-93	72.1	152.9	1.4	0.0	225.0	3		
9	0	-1482	-9	-9	0	-39	104	70.7	163.0	1.4	0.0	233.8	3		
2	16	1275	-1	2	0	33	72	60.8	121.0	0.2	0.0	181.9	3		

7	16	1255	-0	2	0	32	-66	59.9	113.7	0.2	0.0	173.6	3
8	16	-1511	-5	-7	0	-39	-94	72.1	152.0	1.1	0.0	224.1	3
9	16	-1482	-6	-7	0	-38	103	70.7	159.8	1.1	0.0	230.5	3
2	33	1275	1	4	0	32	72	60.8	120.4	0.6	0.0	181.2	3
7	33	1255	2	4	0	32	-66	59.9	112.9	0.6	0.0	172.8	3
8	33	-1511	-2	-5	0	-38	-95	72.1	151.1	0.8	0.0	223.2	3
9	33	-1482	-4	-5	0	-37	102	70.7	157.4	0.8	0.0	228.1	3

ASTA NUM. 31 NI 3781 NF 4152 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1275	1	4	0	32	72	60.8	120.4	0.6	0.0	181.2	3	
7	0	1255	2	4	0	32	-66	59.9	112.9	0.6	0.0	172.8	3	
8	0	-1511	-2	-5	0	-38	-95	72.1	151.1	0.8	0.0	223.2	3	
9	0	-1482	-4	-5	0	-37	102	70.7	157.4	0.8	0.0	228.1	3	
2	16	1275	4	6	0	31	73	60.8	119.8	0.9	0.0	180.6	3	
7	16	1255	5	6	0	31	-65	59.9	111.2	0.9	0.0	171.1	3	
8	16	-1511	1	-3	0	-37	-95	72.1	150.2	0.5	0.0	222.3	3	
9	16	-1482	-1	-3	0	-36	102	70.7	156.1	0.5	0.0	226.8	3	
2	33	1275	7	8	0	30	74	60.8	119.1	1.2	0.0	180.0	3	
7	33	1255	8	8	0	30	-64	59.9	108.5	1.2	0.0	168.4	3	
8	33	-1511	3	-1	0	-37	-95	72.1	149.3	0.3	0.0	221.4	3	
9	33	-1482	2	-1	0	-36	102	70.7	155.6	0.2	0.0	226.3	3	

ASTA NUM. 22 NI 4152 NF 3802 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	528	-277	68	0	37	76	25.2	130.8	23.7	0.0	156.0	3	
7	0	529	158	78	0	40	-66	25.2	125.2	13.4	0.0	150.5	3	
8	0	-632	262	-87	0	-44	-97	30.1	162.7	22.4	0.0	192.8	3	
9	0	-633	-358	-100	0	-48	105	30.2	176.5	30.6	0.0	206.7	3	
2	33	528	-271	72	0	14	-14	25.2	34.3	23.2	0.0	62.8	5	
7	33	529	163	82	0	14	-13	25.2	34.3	13.9	0.0	61.1	5	
8	33	-632	268	-83	0	-16	-11	30.1	34.9	22.9	0.0	68.2	5	
9	33	-633	-352	-96	0	-16	-11	30.2	35.1	30.1	0.0	75.2	2	
2	65	528	-266	76	0	-10	-101	25.2	116.6	22.7	0.0	141.8	3	
7	65	529	169	86	0	-13	41	25.2	60.5	14.4	0.0	85.7	3	
8	65	-632	274	-79	0	10	77	30.1	92.8	23.4	0.0	123.0	3	
9	65	-633	-347	-92	0	14	-125	30.2	146.7	29.6	0.0	176.9	3	

ASTA NUM. 6 NI 3802 NF 3791 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2020	331	1833	0	246	-99	96.4	465.4	284.8	0.0	663.6	5	
7	0	-1999	330	1833	0	247	38	95.4	405.3	284.8	0.0	618.3	5	
8	0	2313	244	-2117	0	-284	74	110.4	496.7	328.9	0.0	734.9	5	
9	0	2282	244	-2118	0	-286	-123	108.9	546.7	329.0	0.0	771.2	5	
2	16	-2020	334	1835	0	-52	-45	96.4	123.0	285.1	0.0	513.7	1	
7	16	-1999	333	1835	0	-52	92	95.4	169.5	285.1	0.0	528.4	1	
8	16	2313	247	-2115	0	60	114	110.4	203.8	328.6	0.0	612.0	1	
9	16	2282	247	-2116	0	59	-83	108.9	170.8	328.7	0.0	600.8	1	
2	33	-2020	336	1837	0	-351	9	96.4	530.5	285.4	0.0	708.6	5	
7	33	-1999	336	1837	0	-351	147	95.4	668.1	285.4	0.0	818.9	5	
8	33	2313	250	-2113	0	404	155	110.4	755.3	328.3	0.0	931.2	5	
9	33	2282	250	-2114	0	404	-42	108.9	641.4	328.4	0.0	837.9	5	

ASTA NUM. 5 NI 3791 NF 4154 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

cm	kg	kg*m	kg/cmq										
2	0	-2018	-321	-1822	0	-348	4	96.3	520.2	283.1	0.0	698.7	5
7	0	-1996	-321	-1823	0	-347	142	95.2	657.9	283.2	0.0	809.0	5
8	0	2309	-272	2091	0	399	162	110.2	755.0	324.9	0.0	928.7	5
9	0	2279	-272	2092	0	399	-35	108.7	626.6	325.0	0.0	823.6	5
2	16	-2018	-318	-1820	0	-51	-48	96.3	123.9	282.7	0.0	510.6	1
7	16	-1996	-318	-1821	0	-51	90	95.2	165.4	282.9	0.0	523.9	1
8	16	2309	-270	2093	0	58	118	110.2	205.1	325.2	0.0	607.8	1
9	16	2279	-269	2094	0	58	-79	108.7	164.9	325.3	0.0	594.0	1
2	33	-2018	-315	-1818	0	245	-99	96.3	463.6	282.4	0.0	660.1	5
7	33	-1996	-315	-1819	0	246	38	95.2	403.1	282.6	0.0	614.7	5
8	33	2309	-267	2095	0	-282	74	110.2	493.8	325.5	0.0	729.6	5
9	33	2279	-266	2096	0	-284	-123	108.7	543.8	325.6	0.0	766.0	5

ASTA NUM. 21 NI 4154 NF 4176 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	463	266	-72	0	-10	-101	22.1	116.7	22.7	0.0	138.8	3	
7	0	464	-169	-81	0	-13	41	22.1	60.6	14.4	0.0	82.7	3	
8	0	-536	-274	72	0	10	78	25.6	93.1	23.4	0.0	118.6	3	
9	0	-537	347	85	0	15	-125	25.6	146.9	29.6	0.0	172.5	3	
2	33	463	271	-68	0	12	-14	22.1	32.0	23.2	0.0	57.8	5	
7	33	464	-163	-77	0	12	-14	22.1	32.0	14.0	0.0	56.0	5	
8	33	-536	-268	76	0	-14	-11	25.6	31.4	22.9	0.0	60.8	2	
9	33	-537	353	89	0	-14	-11	25.6	31.5	30.1	0.0	69.7	2	
2	65	463	277	-64	0	34	76	22.1	126.2	23.7	0.0	148.3	3	
7	65	464	-158	-73	0	37	-66	22.1	120.8	13.5	0.0	143.0	3	
8	65	-536	-263	80	0	-39	-97	25.6	155.9	22.4	0.0	181.5	3	
9	65	-537	358	93	0	-44	105	25.6	170.1	30.6	0.0	195.7	3	

ASTA NUM. 20 NI 4176 NF 3783 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1136	-6	-3	0	28	74	54.2	116.2	0.5	0.0	170.4	3	
7	0	1115	-6	-3	0	28	-64	53.2	105.7	0.5	0.0	158.9	3	
8	0	-1306	-5	-5	0	-34	-95	62.3	144.9	0.8	0.0	207.2	3	
9	0	-1276	-5	-5	0	-33	102	60.9	151.4	0.8	0.0	212.3	3	
2	16	1136	-3	-1	0	29	73	54.2	115.9	0.3	0.0	170.1	3	
7	16	1115	-3	-1	0	28	-65	53.2	107.0	0.3	0.0	160.2	3	
8	16	-1306	-2	-3	0	-33	-95	62.3	144.5	0.5	0.0	206.8	3	
9	16	-1276	-2	-3	0	-32	102	60.9	149.9	0.5	0.0	210.8	3	
2	33	1136	-1	1	0	29	73	54.2	115.6	0.1	0.0	169.8	3	
7	33	1115	-1	1	0	28	-65	53.2	107.4	0.1	0.0	160.6	3	
8	33	-1306	1	-1	0	-33	-95	62.3	144.0	0.2	0.0	206.4	3	
9	33	-1276	1	-1	0	-32	102	60.9	149.3	0.2	0.0	210.2	3	

ASTA NUM. 32 NI 3783 NF 4158 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1136	-1	1	0	29	73	54.2	115.6	0.1	0.0	169.8	3	
7	0	1115	-1	1	0	28	-65	53.2	107.4	0.1	0.0	160.6	3	
8	0	-1306	1	-1	0	-33	-95	62.3	144.0	0.2	0.0	206.4	3	
9	0	-1276	1	-1	0	-32	102	60.9	149.3	0.2	0.0	210.2	3	
2	16	1136	2	3	0	29	73	54.2	115.3	0.4	0.0	169.5	3	
7	16	1115	2	3	0	28	-65	53.2	106.9	0.4	0.0	160.1	3	
8	16	-1306	4	1	0	-33	-95	62.3	143.6	0.3	0.0	205.9	3	
9	16	-1276	4	1	0	-32	102	60.9	149.7	0.3	0.0	210.5	3	
2	33	1136	5	5	0	28	73	54.2	115.0	0.7	0.0	169.2	3	
7	33	1115	5	5	0	27	-64	53.2	105.4	0.7	0.0	158.6	3	
8	33	-1306	7	3	0	-33	-94	62.3	143.2	0.6	0.0	205.6	3	
9	33	-1276	7	3	0	-32	103	60.9	151.0	0.6	0.0	211.8	3	

ASTA NUM. 19 NI 4158 NF 4179 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	439	-273	65	0	34	75	21.0	125.7	23.3	0.0	146.6	3	
7	0	440	162	75	0	37	-66	21.0	121.1	13.8	0.0	142.1	3	
8	0	-500	257	-82	0	-39	-97	23.9	155.2	21.9	0.0	179.0	3	
9	0	-501	-364	-96	0	-43	106	23.9	170.5	31.1	0.0	194.4	3	
2	33	439	-267	69	0	12	-13	21.0	30.3	22.8	0.0	55.4	5	
7	33	440	167	79	0	12	-13	21.0	30.3	14.3	0.0	53.7	5	
8	33	-500	263	-78	0	-13	-12	23.9	31.4	22.4	0.0	59.3	5	
9	33	-501	-358	-92	0	-13	-12	23.9	31.3	30.6	0.0	68.3	2	
2	65	439	-262	73	0	-11	-99	21.0	116.3	22.3	0.0	137.2	3	
7	65	440	173	83	0	-14	43	21.0	64.3	14.8	0.0	85.2	3	
8	65	-500	268	-74	0	12	74	23.9	92.4	22.9	0.0	116.3	3	
9	65	-501	-353	-88	0	16	-128	23.9	152.3	30.1	0.0	176.2	3	

ASTA NUM. 18 NI 4179 NF 4476 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -13.48 -13.48 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2049	310	1813	0	242	-97	97.8	457.0	281.7	0.0	655.7	5	
7	0	-2028	311	1814	0	243	40	96.8	400.9	281.8	0.0	613.6	5	
8	0	2355	274	-2087	0	-278	71	112.4	484.2	324.2	0.0	723.3	5	
9	0	2325	273	-2089	0	-279	-126	110.9	540.3	324.5	0.0	764.4	5	
2	16	-2049	313	1815	0	-53	-47	97.8	125.8	282.0	0.0	509.3	1	
7	16	-2028	314	1816	0	-53	91	96.8	169.9	282.1	0.0	523.7	1	
8	16	2355	277	-2085	0	62	116	112.4	207.9	323.9	0.0	605.9	1	
9	16	2325	276	-2087	0	61	-81	110.9	171.6	324.2	0.0	593.5	1	
2	33	-2049	316	1817	0	-349	5	97.8	522.9	282.3	0.0	701.3	5	
7	33	-2028	316	1818	0	-349	143	96.8	660.6	282.4	0.0	811.9	5	
8	33	2355	279	-2083	0	401	161	112.4	757.2	323.6	0.0	931.5	5	
9	33	2325	279	-2085	0	401	-36	110.9	630.3	323.9	0.0	827.4	5	

Lavoro: **SOSTEGNO TRACKER** Intestazione lavoro: **SOSTEGNI TRACKER GROTTAGLIE**
 Elemento: **TRAVE** Metodo di verifica: **Stati limite**
 Gruppo: **6** Descrizione: **TRAVERSA ORIZZONATLE SCHEMA 0 GRADI**
 Tabella: **Tabella travi** Struttura: **Nuova**
 Tipo acciaio: **S 235**

ASTA NUM. 1 NI 1529 NF 3484 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-508	241	-73	0	-25	-60	24.2	96.5	20.6	0.0	120.8	3	
7	0	-504	-245	-68	0	-23	62	24.1	96.9	21.0	0.0	120.9	3	
8	0	35	-608	7	0	3	152	1.7	156.7	51.9	0.0	158.4	3	
9	0	26	608	-6	0	-0	-152	1.3	153.3	51.9	0.0	154.9	5	
2	16	-508	241	-69	0	-13	-21	24.2	40.1	20.6	0.0	66.1	5	
7	16	-504	-245	-64	0	-13	22	24.1	40.8	20.9	0.0	66.5	5	
8	16	35	-608	10	0	1	53	1.7	55.4	51.9	0.0	89.9	2	
9	16	26	608	-2	0	0	-53	1.3	54.1	51.9	0.0	90.0	2	
2	33	-508	241	-66	0	-2	19	24.2	21.7	20.6	0.0	50.6	5	
7	33	-504	-245	-61	0	-2	-18	24.1	21.7	20.9	0.0	50.3	5	
8	33	35	-608	14	0	-1	-46	1.7	46.7	51.9	0.0	89.9	2	
9	33	26	608	1	0	0	46	1.3	46.6	52.0	0.0	90.0	2	

ASTA NUM. 11 NI 3484 NF 3512 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	87	-27	-34	0	-7	18	4.2	28.8	5.3	0.0	33.0	3
7	0	87	24	-35	0	-8	-17	4.1	28.5	5.4	0.0	32.7	3
8	0	-1	64	-6	0	-1	-44	0.1	45.3	5.4	0.0	45.4	3
9	0	1	-64	-5	0	0	44	0.0	44.5	5.4	0.0	44.5	3
2	33	87	-27	-27	0	3	9	4.2	13.4	4.2	0.0	17.9	5
7	33	87	24	-28	0	3	-9	4.1	13.3	4.3	0.0	17.9	5
8	33	-1	64	1	0	0	-23	0.1	23.8	5.4	0.0	23.8	3
9	33	1	-64	2	0	1	23	0.0	24.3	5.4	0.0	24.3	3
2	65	87	-27	-20	0	10	1	4.2	16.1	3.1	0.0	20.2	3
7	65	87	24	-21	0	10	-2	4.1	17.2	3.2	0.0	21.3	3
8	65	-1	64	8	0	-1	-3	0.1	4.5	5.5	0.0	9.6	2
9	65	1	-63	9	0	-1	3	0.0	4.7	5.4	0.0	9.6	2

ASTA NUM. 10 NI 3512 NF 1534 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	316	4	-9	0	7	1	15.1	10.7	1.4	0.0	25.8	3			
7	0	316	-5	-9	0	7	-1	15.1	11.7	1.4	0.0	26.7	3			
8	0	-14	-12	-3	0	-1	-2	0.7	3.2	1.0	0.0	3.9	3			
9	0	-14	12	-3	0	-0	3	0.7	3.2	1.0	0.0	3.9	3			
2	16	316	4	-6	0	8	1	15.1	13.3	0.9	0.0	28.4	3			
7	16	316	-5	-6	0	8	-2	15.1	14.2	0.9	0.0	29.3	3			
8	16	-14	-12	0	0	-0	-4	0.7	4.8	1.0	0.0	5.5	3			
9	16	-14	12	0	0	-0	4	0.7	4.8	1.0	0.0	5.5	3			
2	33	316	5	-2	0	9	2	15.1	15.0	0.4	0.0	30.1	3			
7	33	316	-5	-2	0	9	-3	15.1	16.0	0.4	0.0	31.1	3			
8	33	-14	-12	4	0	-1	-6	0.7	7.2	1.0	0.0	7.9	3			
9	33	-14	12	4	0	-1	6	0.7	7.1	1.0	0.0	7.8	3			

ASTA NUM. 34 NI 1534 NF 3486 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	318	-4	2	0	9	2	15.2	15.0	0.4	0.0	30.1	3			
7	0	318	5	2	0	9	-3	15.2	15.9	0.4	0.0	31.1	3			
8	0	-16	11	-4	0	-1	-6	0.8	7.2	0.9	0.0	8.0	3			
9	0	-15	-11	-3	0	-1	6	0.7	7.1	1.0	0.0	7.9	3			
2	16	318	-4	5	0	8	1	15.2	13.4	0.8	0.0	28.5	3			
7	16	318	5	5	0	8	-2	15.2	14.3	0.8	0.0	29.5	3			
8	16	-16	11	-0	0	-0	-4	0.8	4.9	0.9	0.0	5.7	3			
9	16	-15	-11	0	0	-0	4	0.7	4.9	0.9	0.0	5.6	3			
2	33	318	-4	9	0	7	1	15.2	10.9	1.4	0.0	26.1	3			
7	33	318	5	9	0	7	-2	15.2	11.8	1.4	0.0	27.0	3			
8	33	-16	11	3	0	-1	-3	0.8	3.5	1.0	0.0	4.3	3			
9	33	-15	-11	4	0	-1	3	0.7	3.5	0.9	0.0	4.3	3			

ASTA NUM. 9 NI 3486 NF 3515 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	93	24	20	0	10	1	4.5	16.2	3.1	0.0	20.6	3			
7	0	92	-22	20	0	10	-2	4.4	17.3	3.2	0.0	21.7	3			
8	0	-7	-57	-7	0	-1	-3	0.3	4.7	4.9	0.0	8.7	2			
9	0	-4	57	-9	0	-1	3	0.2	4.9	4.9	0.0	8.7	2			
2	33	93	24	27	0	3	8	4.5	12.8	4.2	0.0	17.6	5			
7	33	92	-21	27	0	3	-9	4.4	12.8	4.2	0.0	17.6	5			
8	33	-7	-57	-0	0	0	-21	0.3	21.6	4.9	0.0	22.0	3			
9	33	-4	57	-2	0	0	21	0.2	22.2	4.9	0.0	22.4	3			
2	65	93	24	34	0	-7	16	4.5	26.7	5.2	0.0	31.2	3			
7	65	92	-21	34	0	-7	-16	4.4	26.5	5.3	0.0	30.9	3			
8	65	-7	-57	7	0	-1	-40	0.3	41.6	4.9	0.0	41.9	3			
9	65	-4	57	5	0	-0	40	0.2	40.4	4.9	0.0	40.6	3			

ASTA NUM. 8 NI 3515 NF 4434 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-493	-216	64	0	-2	17	23.5	19.8	18.5	0.0	47.6	5	
7	0	-492	222	60	0	-2	-16	23.5	19.9	18.9	0.0	47.4	5	
8	0	19	547	-11	0	-1	-42	0.9	42.7	46.7	0.0	81.0	2	
9	0	16	-549	-1	0	0	42	0.8	42.3	46.9	0.0	81.2	2	
2	16	-493	-216	68	0	-13	-18	23.5	37.2	18.5	0.0	62.3	5	
7	16	-492	222	63	0	-12	20	23.5	38.2	18.9	0.0	63.1	5	
8	16	19	547	-8	0	1	48	0.9	49.1	46.7	0.0	81.0	2	
9	16	16	-549	3	0	0	-48	0.8	48.2	46.8	0.0	81.2	2	
2	33	-493	-216	71	0	-24	-54	23.5	89.3	18.5	0.0	112.8	3	
7	33	-492	222	67	0	-23	56	23.5	90.2	18.9	0.0	113.6	3	
8	33	19	548	-4	0	2	137	0.9	140.0	46.7	0.0	140.9	5	
9	33	16	-549	6	0	-1	-137	0.8	138.6	46.8	0.0	139.6	5	

ASTA NUM. 42 NI 4434 NF 3490 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-506	216	-73	0	-25	-54	24.2	90.3	18.5	0.0	114.5	3	
7	0	-503	-222	-68	0	-24	56	24.0	90.9	18.9	0.0	114.9	3	
8	0	41	-548	8	0	3	137	1.9	141.8	46.8	0.0	143.7	3	
9	0	32	548	-4	0	0	-137	1.5	138.0	46.8	0.0	139.8	5	
2	16	-506	217	-69	0	-13	-18	24.2	37.8	18.5	0.0	63.5	5	
7	16	-503	-222	-65	0	-13	20	24.0	38.6	18.9	0.0	64.0	5	
8	16	41	-548	11	0	1	48	1.9	50.0	46.8	0.0	81.1	2	
9	16	32	548	-0	0	1	-48	1.5	48.8	46.8	0.0	81.1	2	
2	33	-506	217	-66	0	-2	17	24.2	19.8	18.5	0.0	48.3	5	
7	33	-503	-222	-61	0	-2	-16	24.0	19.9	18.9	0.0	48.0	5	
8	33	41	-548	15	0	-1	-42	1.9	42.6	46.8	0.0	81.0	2	
9	33	32	548	3	0	0	42	1.5	42.2	46.8	0.0	81.1	2	

ASTA NUM. 7 NI 3490 NF 3518 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	92	-24	-34	0	-7	16	4.4	27.1	5.3	0.0	31.5	3	
7	0	92	21	-35	0	-8	-16	4.4	26.8	5.4	0.0	31.2	3	
8	0	-10	57	-5	0	-1	-40	0.5	41.0	4.9	0.0	41.5	3	
9	0	-8	-57	-4	0	0	40	0.4	40.4	4.9	0.0	40.8	3	
2	33	92	-24	-27	0	3	8	4.4	12.7	4.3	0.0	17.5	5	
7	33	92	22	-28	0	3	-9	4.4	12.7	4.3	0.0	17.6	5	
8	33	-10	57	2	0	-0	-21	0.5	21.5	4.9	0.0	21.9	3	
9	33	-8	-57	3	0	0	21	0.4	21.9	4.9	0.0	22.3	3	
2	65	92	-24	-20	0	11	1	4.4	16.4	3.2	0.0	20.8	3	
7	65	92	22	-21	0	11	-2	4.4	17.5	3.3	0.0	21.9	3	
8	65	-10	57	9	0	-2	-3	0.5	5.2	4.9	0.0	9.0	2	
9	65	-8	-57	10	0	-2	3	0.4	5.5	4.9	0.0	9.0	2	

ASTA NUM. 27 NI 3518 NF 1530 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	325	4	-10	0	7	1	15.5	10.9	1.5	0.0	26.5	3	
7	0	325	-4	-10	0	7	-1	15.5	11.9	1.5	0.0	27.4	3	
8	0	-32	-11	-3	0	-1	-2	1.6	3.8	0.9	0.0	5.3	3	
9	0	-33	11	-3	0	-1	3	1.6	3.8	0.9	0.0	5.4	3	
2	16	325	4	-6	0	8	1	15.5	13.5	1.0	0.0	29.0	3	
7	16	325	-4	-6	0	8	-2	15.5	14.5	1.0	0.0	30.0	3	

8	16	-32	-11	1	0	-1	-4	1.6	5.3	0.9	0.0	6.9	3
9	16	-33	11	1	0	-1	4	1.6	5.3	0.9	0.0	6.9	3
2	33	325	4	-3	0	9	2	15.5	15.3	0.4	0.0	30.8	3
7	33	325	-4	-3	0	9	-3	15.5	16.3	0.4	0.0	31.8	3
8	33	-32	-11	4	0	-1	-6	1.6	7.7	0.9	0.0	9.2	3
9	33	-33	11	4	0	-1	6	1.6	7.7	0.9	0.0	9.2	3

ASTA NUM. 35 NI 1530 NF 3581 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	334	2	0	0	9	2	15.9	15.0	0.2	0.0	30.9	3		
7	0	333	-2	0	0	9	-3	15.9	16.0	0.1	0.0	31.9	3		
8	0	-39	-5	-3	0	-1	-6	1.8	7.6	0.5	0.0	9.5	3		
9	0	-38	4	-3	0	-1	6	1.8	7.6	0.5	0.0	9.4	3		
2	16	334	2	4	0	8	2	15.9	14.8	0.6	0.0	30.7	3		
7	16	333	-2	4	0	8	-3	15.9	15.7	0.6	0.0	31.6	3		
8	16	-39	-5	0	0	-1	-7	1.8	8.0	0.4	0.0	9.9	3		
9	16	-38	5	0	0	-1	7	1.8	8.0	0.4	0.0	9.8	3		
2	33	334	2	7	0	8	3	15.9	13.8	1.1	0.0	29.7	3		
7	33	333	-1	7	0	8	-3	15.9	14.6	1.2	0.0	30.5	3		
8	33	-39	-4	4	0	-1	-7	1.8	9.3	0.6	0.0	11.1	3		
9	33	-38	5	4	0	-1	8	1.8	9.2	0.6	0.0	11.0	3		

ASTA NUM. 28 NI 3581 NF 4402 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	225	5	12	0	8	3	10.7	14.5	1.8	0.0	25.3	3		
7	0	225	-3	12	0	8	-4	10.7	15.4	1.8	0.0	26.1	3		
8	0	-36	-11	-4	0	-1	-8	1.7	9.5	0.9	0.0	11.2	3		
9	0	-35	10	-5	0	-1	8	1.7	9.5	0.9	0.0	11.2	3		
2	16	225	5	15	0	6	3	10.7	12.1	2.3	0.0	22.8	3		
7	16	225	-3	15	0	6	-4	10.7	12.7	2.4	0.0	23.4	3		
8	16	-36	-11	-0	0	-1	-9	1.7	10.7	0.9	0.0	12.4	3		
9	16	-35	11	-1	0	-1	9	1.7	10.6	0.9	0.0	12.3	3		
2	33	225	5	19	0	3	4	10.7	8.9	2.9	0.0	19.6	3		
7	33	225	-3	19	0	3	-5	10.7	9.1	2.9	0.0	19.8	3		
8	33	-36	-11	3	0	-1	-11	1.7	12.8	0.9	0.0	14.5	3		
9	33	-35	11	2	0	-1	11	1.7	12.5	0.9	0.0	14.2	3		

ASTA NUM. 37 NI 4402 NF 3520 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-31	41	27	0	4	4	1.5	10.6	4.2	0.0	13.2	5		
7	0	-34	-38	28	0	4	-5	1.6	10.8	4.3	0.0	13.6	5		
8	0	-24	-100	-5	0	-1	-11	1.1	13.0	8.5	0.0	15.5	5		
9	0	-15	99	-7	0	-1	11	0.7	12.7	8.5	0.0	15.0	5		
2	16	-31	41	30	0	-0	11	1.5	11.7	4.7	0.0	14.9	1		
7	16	-34	-38	31	0	-1	-11	1.6	11.9	4.9	0.0	15.1	1		
8	16	-24	-99	-2	0	-1	-27	1.1	28.4	8.5	0.0	29.5	3		
9	16	-15	99	-4	0	-0	27	0.7	27.6	8.5	0.0	28.3	3		
2	33	-31	41	34	0	-6	18	1.5	26.2	5.3	0.0	27.7	3		
7	33	-34	-38	35	0	-6	-17	1.6	26.1	5.4	0.0	27.8	3		
8	33	-24	-99	2	0	-1	-44	1.1	44.7	8.5	0.0	45.8	3		
9	33	-15	99	-0	0	0	44	0.7	44.1	8.5	0.0	44.8	3		

ASTA NUM. 29 NI 3520 NF 4401 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							

2	0	-514	-214	65	0	-2	18	24.5	21.7	18.3	0.0	50.1	5
7	0	-513	220	60	0	-3	-18	24.5	21.8	18.8	0.0	50.0	5
8	0	29	544	-19	0	-2	-45	1.4	47.3	46.4	0.0	80.5	2
9	0	25	-543	-8	0	-0	45	1.2	45.9	46.3	0.0	80.3	2
2	16	-514	-214	68	0	-13	-17	24.5	36.2	18.3	0.0	62.4	5
7	16	-513	220	64	0	-13	18	24.5	37.2	18.8	0.0	63.1	5
8	16	29	544	-15	0	1	44	1.4	45.8	46.5	0.0	80.5	2
9	16	25	-543	-5	0	1	-43	1.2	44.4	46.3	0.0	80.3	2
2	33	-514	-214	72	0	-25	-52	24.5	88.2	18.3	0.0	112.8	3
7	33	-513	220	67	0	-24	54	24.5	89.1	18.8	0.0	113.5	3
8	33	29	544	-12	0	4	132	1.4	138.1	46.5	0.0	139.5	5
9	33	25	-543	-1	0	1	-132	1.2	133.8	46.3	0.0	135.5	5

ASTA NUM. 38 NI 4401 NF 4409 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-476	208	-70	0	-23	-52	22.7	86.2	17.8	0.0	109.0	3	
7	0	-474	-214	-65	0	-22	54	22.6	87.1	18.3	0.0	109.7	3	
8	0	-148	-527	-3	0	-4	132	7.1	137.7	45.0	0.0	144.8	3	
9	0	-155	529	-14	0	-6	-132	7.4	142.0	45.2	0.0	149.4	3	
2	16	-476	208	-66	0	-12	-18	22.7	35.8	17.8	0.0	60.2	5	
7	16	-474	-214	-62	0	-12	19	22.6	36.7	18.3	0.0	60.8	5	
8	16	-148	-527	0	0	-3	46	7.1	51.2	45.0	0.0	78.9	2	
9	16	-155	530	-11	0	-4	-46	7.4	52.4	45.2	0.0	79.5	2	
2	33	-476	208	-63	0	-2	16	22.7	18.7	17.8	0.0	45.7	5	
7	33	-474	-214	-58	0	-2	-16	22.6	18.9	18.3	0.0	45.6	5	
8	33	-148	-527	4	0	-4	-40	7.1	45.4	45.0	0.0	78.9	2	
9	33	-155	530	-7	0	-3	40	7.4	44.3	45.2	0.0	79.1	2	

ASTA NUM. 30 NI 4409 NF 3519 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	82	-24	-30	0	-6	16	3.9	24.5	4.6	0.0	28.4	3	
7	0	81	21	-30	0	-6	-15	3.9	24.4	4.7	0.0	28.2	3	
8	0	-136	56	-8	0	-5	-38	6.5	45.4	4.7	0.0	51.9	3	
9	0	-134	-56	-7	0	-4	39	6.4	44.8	4.8	0.0	51.2	3	
2	33	82	-23	-23	0	3	8	3.9	12.0	3.6	0.0	16.1	5	
7	33	81	21	-23	0	3	-8	3.9	12.0	3.6	0.0	16.1	5	
8	33	-136	56	-1	0	-3	-20	6.5	24.9	4.8	0.0	31.5	3	
9	33	-134	-56	-0	0	-3	21	6.4	24.8	4.8	0.0	31.2	3	
2	65	82	-23	-16	0	9	0	3.9	13.8	2.5	0.0	17.7	3	
7	65	81	21	-16	0	9	-1	3.9	14.8	2.5	0.0	18.6	3	
8	65	-136	56	6	0	-4	-2	6.5	7.8	4.8	0.0	14.8	2	
9	65	-134	-56	7	0	-4	2	6.4	8.3	4.7	0.0	14.8	5	

ASTA NUM. 36 NI 3519 NF 1527 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	201	-1	10	0	7	0	9.6	11.3	1.6	0.0	20.9	3	
7	0	201	4	10	0	7	-1	9.6	12.2	1.6	0.0	21.8	3	
8	0	-107	5	-11	0	-4	-2	5.1	8.1	1.8	0.0	13.2	3	
9	0	-107	-7	-11	0	-4	2	5.1	8.5	1.7	0.0	13.6	3	
2	16	201	-1	14	0	5	0	9.6	8.2	2.1	0.0	17.8	3	
7	16	201	4	14	0	5	-1	9.6	8.7	2.1	0.0	18.3	3	
8	16	-107	6	-8	0	-3	-1	5.1	4.9	1.2	0.0	10.0	3	
9	16	-107	-7	-8	0	-3	1	5.1	5.1	1.2	0.0	10.2	3	
2	33	201	-1	17	0	3	-0	9.6	4.4	2.7	0.0	14.1	5	
7	33	201	4	17	0	3	-0	9.6	4.4	2.7	0.0	14.1	5	
8	33	-107	6	-4	0	-2	0	5.1	2.6	0.7	0.0	7.7	2	
9	33	-107	-7	-4	0	-2	0	5.1	2.6	0.7	0.0	7.7	2	

ASTA NUM. 41 NI 4419 NF 3482 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-558	-43	-506	0	-95	6	26.6	146.8	78.7	0.0	195.8	5	
7	0	-558	23	-507	0	-95	-1	26.6	142.3	78.8	0.0	192.4	5	
8	0	29	82	23	0	5	-9	1.4	16.0	7.0	0.0	18.2	5	
9	0	30	-82	24	0	5	9	1.4	16.0	7.0	0.0	18.4	5	
2	16	-558	-43	-503	0	-13	-1	26.6	20.1	78.1	0.0	138.1	1	
7	16	-558	23	-504	0	-13	2	26.6	21.3	78.2	0.0	138.6	1	
8	16	29	83	26	0	1	4	1.4	5.5	7.0	0.0	12.5	2	
9	16	30	-82	28	0	1	-5	1.4	5.4	7.0	0.0	12.3	2	
2	33	-558	-43	-499	0	69	-8	26.6	110.3	77.6	0.0	168.7	5	
7	33	-558	23	-500	0	69	6	26.6	108.5	77.7	0.0	167.5	5	
8	33	29	83	30	0	-4	18	1.4	23.6	7.1	0.0	25.4	5	
9	33	30	-82	31	0	-4	-18	1.4	24.1	7.0	0.0	26.0	5	

ASTA NUM. 17 NI 3482 NF 3500 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	144	19	-27	0	-4	-7	6.9	11.9	4.2	0.0	19.0	5	
7	0	146	-22	-27	0	-3	7	6.9	12.3	4.1	0.0	19.5	5	
8	0	-3	-50	-5	0	-0	17	0.1	18.0	4.3	0.0	18.1	3	
9	0	-7	50	-7	0	-1	-18	0.3	18.8	4.3	0.0	19.2	3	
2	33	144	19	-20	0	4	-1	6.9	6.7	3.1	0.0	13.8	5	
7	33	146	-22	-20	0	4	0	6.9	6.6	3.0	0.0	13.7	5	
8	33	-3	-50	2	0	0	1	0.1	1.5	4.3	0.0	7.4	2	
9	33	-7	50	0	0	0	-1	0.3	1.4	4.3	0.0	7.5	2	
2	65	144	19	-13	0	10	6	6.9	19.7	2.0	0.0	26.6	3	
7	65	146	-21	-13	0	9	-7	6.9	20.7	2.0	0.0	27.6	3	
8	65	-3	-50	9	0	-1	-15	0.1	17.3	4.3	0.0	17.4	3	
9	65	-7	51	7	0	-1	15	0.3	17.0	4.3	0.0	17.3	3	

ASTA NUM. 4 NI 3500 NF 1540 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	316	-9	-5	0	8	6	15.1	17.3	0.8	0.0	32.4	3	
7	0	324	9	-6	0	8	-7	15.5	18.3	0.9	0.0	33.8	3	
8	0	-4	22	-8	0	-1	-16	0.2	17.4	1.9	0.0	17.6	3	
9	0	-25	-22	-6	0	-1	16	1.2	17.4	1.9	0.0	18.6	3	
2	16	316	-9	-2	0	8	4	15.1	16.7	0.8	0.0	31.8	3	
7	16	324	9	-2	0	8	-5	15.5	17.9	0.8	0.0	33.3	3	
8	16	-4	22	-4	0	-0	-12	0.2	12.3	1.9	0.0	12.5	3	
9	16	-25	-22	-3	0	-0	12	1.2	12.6	1.9	0.0	13.8	3	
2	33	316	-9	2	0	8	3	15.1	15.3	0.8	0.0	30.3	3	
7	33	324	9	1	0	9	-4	15.5	16.5	0.8	0.0	32.0	3	
8	33	-4	22	-1	0	0	-8	0.2	8.7	1.9	0.0	8.9	3	
9	33	-25	-22	1	0	-0	8	1.2	8.8	1.9	0.0	10.0	3	

ASTA NUM. 3 NI 1540 NF 3478 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	316	-9	2	0	8	3	15.1	15.3	0.8	0.0	30.3	3	
7	0	324	9	1	0	9	-4	15.5	16.5	0.8	0.0	32.0	3	
8	0	-4	22	-1	0	0	-8	0.2	8.7	1.9	0.0	8.9	3	
9	0	-25	-22	1	0	-0	8	1.2	8.8	1.9	0.0	10.0	3	
2	16	316	-9	5	0	8	1	15.1	13.0	0.8	0.0	28.1	3	

7	16	324	9	5	0	8	-2	15.5	14.4	0.8	0.0	29.8	3
8	16	-4	22	3	0	0	-5	0.2	4.8	1.9	0.0	5.1	5
9	16	-25	-22	4	0	-1	5	1.2	5.7	1.9	0.0	6.9	3
2	33	316	-9	9	0	7	-0	15.1	9.9	1.4	0.0	25.0	2
7	33	324	9	8	0	7	-1	15.5	11.4	1.3	0.0	26.8	3
8	33	-4	22	6	0	-1	-1	0.2	2.1	1.9	0.0	3.5	2
9	33	-25	-22	8	0	-2	1	1.2	3.6	1.9	0.0	5.1	5

ASTA NUM. 16 NI 3478 NF 3503 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	68	35	21	0	10	0	3.3	15.4	3.2	0.0	19.0	2			
7	0	59	-32	23	0	10	-1	2.8	16.9	3.5	0.0	19.7	3			
8	0	-12	-84	-6	0	-1	-2	0.6	3.3	7.2	0.0	12.5	2			
9	0	12	84	-11	0	-2	2	0.6	4.5	7.1	0.0	12.7	2			
2	33	68	35	28	0	2	12	3.3	15.1	4.3	0.0	18.7	5			
7	33	59	-32	30	0	2	-12	2.8	14.7	4.6	0.0	18.2	5			
8	33	-12	-84	1	0	-0	-29	0.6	29.7	7.2	0.0	30.3	3			
9	33	12	84	-4	0	1	29	0.6	30.8	7.2	0.0	31.4	3			
2	65	68	35	34	0	-8	23	3.3	34.7	5.4	0.0	37.9	3			
7	65	59	-32	37	0	-9	-22	2.8	35.6	5.7	0.0	38.4	3			
8	65	-12	-84	8	0	-2	-57	0.6	59.4	7.1	0.0	60.0	3			
9	65	12	84	3	0	1	57	0.6	58.5	7.2	0.0	59.1	3			

ASTA NUM. 15 NI 3503 NF 4404 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-548	-317	70	0	-2	24	26.2	27.6	27.0	0.0	59.7	5			
7	0	-549	322	64	0	-3	-23	26.2	28.1	27.5	0.0	60.0	5			
8	0	20	798	-15	0	-1	-59	1.0	61.1	68.1	0.0	118.0	2			
9	0	23	-800	2	0	1	59	1.1	60.8	68.3	0.0	118.3	2			
2	16	-548	-317	74	0	-14	-28	26.2	48.6	27.0	0.0	77.4	5			
7	16	-549	322	67	0	-14	29	26.2	49.5	27.5	0.0	78.1	5			
8	16	20	798	-11	0	1	71	1.0	72.5	68.1	0.0	118.0	2			
9	16	23	-800	5	0	0	-71	1.1	71.4	68.3	0.0	118.3	2			
2	33	-548	-317	77	0	-26	-79	26.2	118.7	27.0	0.0	144.8	3			
7	33	-549	322	71	0	-25	81	26.2	118.8	27.5	0.0	145.0	3			
8	33	20	798	-8	0	3	201	1.0	205.2	68.1	0.0	206.1	3			
9	33	23	-800	9	0	-1	-201	1.1	203.2	68.3	0.0	204.6	5			

ASTA NUM. 40 NI 4404 NF 3480 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-499	316	-71	0	-24	-79	23.8	115.0	27.0	0.0	138.8	3			
7	0	-496	-322	-64	0	-23	82	23.7	115.2	27.5	0.0	138.9	3			
8	0	28	-797	8	0	3	201	1.3	205.7	68.0	0.0	207.0	3			
9	0	21	798	-9	0	-1	-201	1.0	203.2	68.2	0.0	204.5	5			
2	16	-499	316	-67	0	-13	-28	23.8	46.7	27.0	0.0	73.3	5			
7	16	-496	-322	-61	0	-12	29	23.7	47.6	27.5	0.0	73.9	5			
8	16	28	-797	12	0	1	71	1.3	73.1	68.0	0.0	117.9	2			
9	16	21	798	-5	0	0	-71	1.0	71.6	68.2	0.0	118.1	2			
2	33	-499	316	-64	0	-2	24	23.8	27.1	27.0	0.0	56.9	5			
7	33	-496	-322	-57	0	-3	-23	23.7	27.5	27.5	0.0	56.9	5			
8	33	28	-797	15	0	-1	-59	1.3	60.4	68.0	0.0	117.9	2			
9	33	21	798	-2	0	1	59	1.0	60.2	68.2	0.0	118.1	2			

ASTA NUM. 14 NI 3480 NF 3506 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								

cm	kg	kg*m	kg/cmq										
2	0	84	-35	-34	0	-7	23	4.0	33.8	5.2	0.0	37.9	3
7	0	82	32	-34	0	-8	-22	3.9	33.7	5.3	0.0	37.7	3
8	0	-4	84	-7	0	-1	-57	0.2	58.7	7.2	0.0	58.9	3
9	0	1	-84	-5	0	0	57	0.1	57.7	7.2	0.0	57.7	3
2	33	84	-35	-27	0	3	12	4.0	15.8	4.1	0.0	20.1	5
7	33	82	32	-27	0	2	-12	3.9	15.7	4.2	0.0	19.9	5
8	33	-4	84	0	0	0	-30	0.2	29.9	7.2	0.0	30.1	3
9	33	1	-84	2	0	1	30	0.1	30.7	7.2	0.0	30.8	3
2	65	84	-35	-20	0	10	0	4.0	15.6	3.0	0.0	19.9	2
7	65	82	32	-20	0	10	-1	3.9	16.7	3.2	0.0	20.6	3
8	65	-4	84	7	0	-1	-2	0.2	4.0	7.2	0.0	12.6	2
9	65	1	-84	9	0	-1	2	0.1	4.3	7.2	0.0	12.6	2

ASTA NUM. 13 NI 3506 NF 1536 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	310	6	-9	0	7	0	14.8	10.5	1.4	0.0	25.3	3	
7	0	310	-6	-9	0	7	-1	14.8	11.3	1.4	0.0	26.1	3	
8	0	-15	-15	-3	0	-1	-2	0.7	3.0	1.2	0.0	3.8	5	
9	0	-13	14	-3	0	-0	2	0.6	3.0	1.2	0.0	3.6	5	
2	16	310	6	-6	0	8	1	14.8	13.2	0.9	0.0	28.0	3	
7	16	310	-6	-6	0	8	-2	14.8	14.1	0.9	0.0	28.8	3	
8	16	-15	-14	0	0	-0	-5	0.7	5.1	1.2	0.0	5.8	3	
9	16	-13	15	0	0	-0	5	0.6	4.9	1.2	0.0	5.5	3	
2	33	310	6	-2	0	9	2	14.8	15.1	0.5	0.0	29.9	3	
7	33	310	-6	-2	0	9	-3	14.8	16.0	0.5	0.0	30.7	3	
8	33	-15	-14	4	0	-1	-7	0.7	7.9	1.2	0.0	8.6	3	
9	33	-13	15	4	0	-1	7	0.6	7.8	1.2	0.0	8.4	3	

ASTA NUM. 33 NI 1536 NF 3488 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	312	-5	2	0	9	2	14.9	15.0	0.4	0.0	29.9	3	
7	0	311	5	2	0	9	-3	14.8	16.0	0.4	0.0	30.8	3	
8	0	-15	13	-4	0	-1	-7	0.7	7.9	1.1	0.0	8.6	3	
9	0	-14	-13	-3	0	-0	7	0.6	7.8	1.1	0.0	8.4	3	
2	16	312	-5	5	0	8	1	14.9	13.3	0.8	0.0	28.2	3	
7	16	311	5	5	0	8	-2	14.8	14.2	0.8	0.0	29.1	3	
8	16	-15	13	-0	0	-0	-5	0.7	5.3	1.1	0.0	6.0	3	
9	16	-14	-13	0	0	-0	5	0.6	5.2	1.1	0.0	5.9	3	
2	33	312	-5	9	0	7	1	14.9	10.8	1.4	0.0	25.6	3	
7	33	311	5	9	0	7	-2	14.8	11.6	1.4	0.0	26.5	3	
8	33	-15	13	3	0	-1	-3	0.7	3.6	1.1	0.0	4.3	3	
9	33	-14	-13	4	0	-1	3	0.6	3.6	1.1	0.0	4.2	3	

ASTA NUM. 12 NI 3488 NF 3509 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	88	26	20	0	10	1	4.2	16.0	3.1	0.0	20.2	3	
7	0	87	-24	20	0	10	-2	4.1	17.1	3.1	0.0	21.2	3	
8	0	-5	-63	-7	0	-1	-3	0.3	4.9	5.4	0.0	9.5	2	
9	0	-2	63	-9	0	-1	3	0.1	5.1	5.4	0.0	9.5	2	
2	33	88	26	27	0	3	9	4.2	13.5	4.1	0.0	18.0	5	
7	33	87	-24	27	0	3	-10	4.1	13.4	4.2	0.0	17.9	5	
8	33	-5	-63	-0	0	0	-24	0.3	23.8	5.4	0.0	24.1	3	
9	33	-2	63	-2	0	0	24	0.1	24.4	5.4	0.0	24.5	3	
2	65	88	27	34	0	-7	18	4.2	28.5	5.2	0.0	32.7	3	
7	65	87	-24	34	0	-7	-17	4.1	28.3	5.3	0.0	32.4	3	
8	65	-5	-63	7	0	-1	-44	0.3	45.6	5.4	0.0	45.9	3	
9	65	-2	63	5	0	-0	44	0.1	44.4	5.4	0.0	44.5	3	

ASTA NUM. 2 NI 3509 NF 1529 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-498	-241	64	0	-2	19	23.7	21.7	20.6	0.0	50.0	5	
7	0	-495	246	59	0	-2	-18	23.6	21.8	21.0	0.0	49.8	5	
8	0	22	608	-12	0	-1	-46	1.0	47.0	51.9	0.0	89.9	2	
9	0	16	-609	-0	0	0	46	0.8	46.7	52.0	0.0	90.1	2	
2	16	-498	-241	68	0	-13	-21	23.7	39.6	20.5	0.0	65.2	5	
7	16	-495	246	63	0	-12	22	23.6	40.5	21.0	0.0	65.8	5	
8	16	22	608	-9	0	1	53	1.0	54.8	51.9	0.0	89.9	2	
9	16	16	-609	3	0	0	-53	0.8	53.7	52.0	0.0	90.1	2	
2	33	-498	-241	71	0	-24	-60	23.7	95.7	20.5	0.0	119.5	3	
7	33	-495	246	66	0	-23	62	23.6	96.3	21.0	0.0	119.9	3	
8	33	22	608	-5	0	2	152	1.0	155.8	51.9	0.0	156.8	3	
9	33	16	-609	7	0	-1	-152	0.8	154.1	52.0	0.0	155.1	3	

ASTA NUM. 43 NI 3425 NF 3468 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	204	19	-18	0	3	-0	9.7	4.2	2.9	0.0	14.2	5	
7	0	204	-22	-18	0	3	-0	9.7	4.2	2.8	0.0	14.3	2	
8	0	-107	-51	5	0	-2	0	5.1	2.6	4.4	0.0	10.8	2	
9	0	-107	52	4	0	-2	0	5.1	2.6	4.5	0.0	10.9	2	
2	16	204	20	-15	0	6	3	9.7	11.3	2.3	0.0	21.0	3	
7	16	204	-22	-15	0	5	-4	9.7	11.8	2.3	0.0	21.5	3	
8	16	-107	-51	8	0	-3	-8	5.1	12.5	4.4	0.0	17.6	3	
9	16	-107	53	7	0	-3	9	5.1	12.5	4.5	0.0	17.7	3	
2	33	204	20	-12	0	8	6	9.7	17.7	1.8	0.0	27.4	3	
7	33	204	-22	-11	0	8	-7	9.7	18.5	1.9	0.0	28.2	3	
8	33	-107	-51	11	0	-4	-17	5.1	23.2	4.4	0.0	28.3	3	
9	33	-107	53	11	0	-4	17	5.1	23.3	4.5	0.0	28.4	3	

ASTA NUM. 26 NI 3468 NF 1514 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	119	-19	10	0	8	6	5.7	18.4	1.6	0.0	24.1	3	
7	0	118	21	9	0	8	-7	5.6	18.9	1.8	0.0	24.6	3	
8	0	-130	49	-8	0	-4	-17	6.2	23.8	4.2	0.0	30.0	3	
9	0	-129	-50	-6	0	-4	18	6.2	23.1	4.2	0.0	29.3	3	
2	33	119	-18	17	0	4	0	5.7	5.8	2.7	0.0	11.7	5	
7	33	118	21	16	0	4	-1	5.6	5.9	2.5	0.0	11.7	5	
8	33	-130	49	-1	0	-3	-1	6.2	5.4	4.2	0.0	12.8	2	
9	33	-129	-49	1	0	-3	1	6.2	5.7	4.2	0.0	12.7	2	
2	65	119	-18	24	0	-3	-6	5.7	10.2	3.7	0.0	16.1	5	
7	65	118	21	23	0	-3	6	5.6	10.6	3.6	0.0	16.5	5	
8	65	-130	50	6	0	-4	15	6.2	20.4	4.2	0.0	26.7	3	
9	65	-129	-49	8	0	-4	-15	6.2	21.0	4.2	0.0	27.2	3	

ASTA NUM. 25 NI 1514 NF 4393 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-571	9	508	0	70	-7	27.2	110.2	78.9	0.0	170.2	5	
7	0	-572	12	508	0	70	5	27.3	108.2	78.9	0.0	168.8	5	
8	0	-76	3	6	0	-6	15	3.6	22.9	1.0	0.0	26.5	3	
9	0	-75	-4	6	0	-6	-14	3.6	22.6	0.9	0.0	26.2	3	

2	16	-571	9	511	0	-13	-5	27.2	25.1	79.4	0.0	141.4	1
7	16	-572	12	512	0	-13	7	27.3	26.3	79.5	0.0	141.7	1
8	16	-76	3	10	0	-7	15	3.6	25.3	1.5	0.0	29.0	3
9	16	-75	-4	9	0	-7	-15	3.6	25.2	1.5	0.0	28.7	3
2	33	-571	9	515	0	-97	-4	27.2	147.6	80.0	0.0	197.9	5
7	33	-572	12	515	0	-97	9	27.3	152.3	80.0	0.0	201.7	5
8	33	-76	3	13	0	-9	15	3.6	28.6	2.1	0.0	32.3	3
9	33	-75	-4	13	0	-9	-15	3.6	28.5	2.0	0.0	32.1	3

ASTA NUM. 29 NI 4393 NF 3474 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-574	-8	-532	0	-102	-4	27.4	155.6	82.6	0.0	206.1	5	
7	0	-574	-12	-532	0	-102	8	27.4	160.0	82.6	0.0	209.6	5	
8	0	-68	-5	46	0	12	16	3.2	32.7	7.1	0.0	35.9	3	
9	0	-66	5	45	0	11	-15	3.2	32.0	7.0	0.0	35.2	3	
2	16	-574	-8	-528	0	-16	-5	27.4	28.8	82.1	0.0	145.9	1	
7	16	-574	-12	-528	0	-16	6	27.4	29.9	82.0	0.0	146.1	1	
8	16	-68	-5	49	0	4	15	3.2	20.4	7.7	0.0	25.0	5	
9	16	-66	5	49	0	4	-15	3.2	19.8	7.5	0.0	24.4	5	
2	33	-574	-8	-525	0	70	-7	27.4	110.3	81.5	0.0	172.9	5	
7	33	-574	-12	-525	0	70	4	27.4	108.3	81.5	0.0	171.5	5	
8	33	-68	-5	53	0	-5	14	3.2	20.6	8.2	0.0	25.5	5	
9	33	-66	5	52	0	-5	-14	3.2	20.6	8.1	0.0	25.3	5	

ASTA NUM. 24 NI 3474 NF 1517 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	138	16	-28	0	-4	-5	6.6	11.3	4.4	0.0	18.3	5	
7	0	138	-20	-28	0	-4	6	6.6	11.8	4.3	0.0	18.7	5	
8	0	-53	-45	-6	0	-2	14	2.5	16.6	3.8	0.0	19.2	3	
9	0	-54	45	-8	0	-2	-14	2.6	17.5	3.8	0.0	20.0	3	
2	33	138	16	-21	0	4	0	6.6	6.0	3.3	0.0	13.1	5	
7	33	138	-19	-21	0	4	-0	6.6	6.2	3.2	0.0	13.2	5	
8	33	-53	-45	1	0	-1	-0	2.5	1.8	3.8	0.0	7.7	2	
9	33	-54	45	-1	0	-1	1	2.6	1.9	3.8	0.0	7.7	2	
2	65	138	16	-14	0	10	5	6.6	20.0	2.2	0.0	26.6	3	
7	65	138	-19	-14	0	10	-7	6.6	20.8	2.1	0.0	27.4	3	
8	65	-53	-44	8	0	-2	-15	2.5	18.6	3.8	0.0	21.1	3	
9	65	-54	45	6	0	-2	15	2.6	17.9	3.8	0.0	20.4	3	

ASTA NUM. 23 NI 1517 NF 1539 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	333	-1	-7	0	8	5	15.9	16.8	1.1	0.0	32.7	3	
7	0	334	0	-7	0	8	-6	15.9	17.8	1.1	0.0	33.7	3	
8	0	-46	1	-8	0	-2	-15	2.2	18.1	1.2	0.0	20.3	3	
9	0	-48	-1	-8	0	-2	15	2.3	18.1	1.2	0.0	20.4	3	
2	16	333	-0	-3	0	9	5	15.9	18.0	0.5	0.0	33.9	3	
7	16	334	0	-3	0	8	-6	15.9	19.0	0.5	0.0	34.9	3	
8	16	-46	1	-4	0	-1	-14	2.2	16.5	0.7	0.0	18.7	3	
9	16	-48	-1	-4	0	-1	15	2.3	16.4	0.7	0.0	18.7	3	
2	33	333	-0	0	0	9	5	15.9	18.3	0.0	0.0	34.2	3	
7	33	334	0	0	0	9	-6	15.9	19.3	0.0	0.0	35.2	3	
8	33	-46	1	-1	0	-1	-14	2.2	15.7	0.2	0.0	17.9	3	
9	33	-48	-1	-1	0	-1	14	2.3	15.6	0.2	0.0	17.9	3	

ASTA NUM. 31 NI 1539 NF 3470 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	333	-0	0	0	9	5	15.9	18.3	0.0	0.0	34.2	3
7	0	334	0	0	0	9	-6	15.9	19.3	0.0	0.0	35.2	3
8	0	-46	1	-1	0	-1	-14	2.2	15.7	0.2	0.0	17.9	3
9	0	-48	-1	-1	0	-1	14	2.3	15.6	0.2	0.0	17.9	3
2	16	333	-0	4	0	8	5	15.9	17.8	0.6	0.0	33.7	3
7	16	334	0	4	0	8	-6	15.9	18.8	0.6	0.0	34.7	3
8	16	-46	1	2	0	-1	-14	2.2	15.7	0.4	0.0	17.9	3
9	16	-48	-1	2	0	-1	14	2.3	15.6	0.4	0.0	17.9	3
2	33	333	-0	7	0	8	5	15.9	16.4	1.1	0.0	32.3	3
7	33	334	1	7	0	8	-6	15.9	17.4	1.1	0.0	33.3	3
8	33	-46	1	6	0	-2	-14	2.2	16.6	0.9	0.0	18.8	3
9	33	-48	-1	6	0	-2	14	2.3	16.5	0.9	0.0	18.8	3

ASTA NUM. 22 NI 3470 NF 1518 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg			kg*m			kg/cmq							
2	0	134	-17	15	0	10	5	6.4	19.8	2.3	0.0	26.2	3	
7	0	135	20	14	0	10	-6	6.4	20.6	2.1	0.0	27.0	3	
8	0	-19	46	-10	0	-2	-15	0.9	17.9	3.9	0.0	18.8	3	
9	0	-19	-47	-8	0	-2	15	0.9	17.2	4.0	0.0	18.1	3	
2	33	134	-17	21	0	4	-0	6.4	6.1	3.3	0.0	12.9	5	
7	33	135	20	21	0	4	0	6.4	5.9	3.2	0.0	12.8	5	
8	33	-19	46	-3	0	-0	0	0.9	0.6	4.0	0.0	6.9	2	
9	33	-19	-47	-1	0	-0	-0	0.9	0.6	4.0	0.0	7.0	2	
2	65	134	-17	28	0	-4	-6	6.4	12.1	4.4	0.0	18.8	5	
7	65	135	20	28	0	-4	7	6.4	12.6	4.3	0.0	19.3	5	
8	65	-19	46	4	0	-0	16	0.9	16.0	4.0	0.0	16.9	3	
9	65	-19	-46	6	0	-1	-16	0.9	17.0	4.0	0.0	17.9	3	

ASTA NUM. 6 NI 1518 NF 1528 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg			kg*m			kg/cmq							
2	0	-587	21	520	0	70	-7	28.0	111.2	80.8	0.0	173.3	5	
7	0	-587	-0	521	0	70	5	28.0	109.3	81.0	0.0	172.1	5	
8	0	35	-27	-43	0	-5	15	1.7	23.0	6.6	0.0	25.2	5	
9	0	35	26	-45	0	-6	-15	1.7	23.3	6.9	0.0	25.6	5	
2	16	-587	21	524	0	-15	-4	28.0	25.7	81.4	0.0	144.5	1	
7	16	-587	-0	525	0	-15	5	28.0	27.1	81.5	0.0	145.0	1	
8	16	35	-27	-39	0	1	11	1.7	12.8	6.1	0.0	16.5	5	
9	16	35	26	-41	0	1	-11	1.7	12.9	6.4	0.0	16.8	5	
2	33	-587	21	527	0	-100	-0	28.0	149.4	81.9	0.0	201.3	5	
7	33	-587	-0	528	0	-101	5	28.0	154.3	82.0	0.0	205.2	5	
8	33	35	-27	-36	0	8	6	1.7	17.5	5.6	0.0	19.7	5	
9	33	35	26	-38	0	8	-7	1.7	18.2	5.9	0.0	20.5	5	

ASTA NUM. 5 NI 1528 NF 3472 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg			kg*m			kg/cmq							
2	0	-588	-21	-529	0	-101	-0	28.0	150.0	82.1	0.0	202.0	5	
7	0	-588	1	-529	0	-101	5	28.0	154.5	82.1	0.0	205.5	5	
8	0	34	28	30	0	6	6	1.6	15.0	4.6	0.0	17.0	5	
9	0	35	-27	30	0	6	-7	1.7	14.8	4.6	0.0	16.9	5	
2	16	-588	-21	-525	0	-15	-4	28.0	26.1	81.6	0.0	144.8	1	
7	16	-588	1	-525	0	-15	5	28.0	27.2	81.6	0.0	145.1	1	
8	16	34	28	33	0	1	11	1.6	11.9	5.1	0.0	15.4	1	
9	16	35	-27	33	0	0	-11	1.7	11.6	5.2	0.0	15.5	1	
2	33	-588	-21	-522	0	70	-7	28.0	111.3	81.0	0.0	173.6	5	
7	33	-588	1	-522	0	70	5	28.0	109.5	81.0	0.0	172.3	5	
8	33	34	28	37	0	-5	15	1.6	22.8	5.7	0.0	24.6	5	

9 33 35 -27 37 0 -5 -15 1.7 23.1 5.7 0.0 24.9 5
ASTA NUM. 21 NI 3472 NF 3494 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	134	17	-28	0	-4	-6	6.4	12.1	4.4	0.0	18.8	5	
7	0	134	-20	-28	0	-4	7	6.4	12.6	4.3	0.0	19.2	5	
8	0	-5	-46	-5	0	-0	15	0.3	15.8	3.9	0.0	16.1	3	
9	0	-6	46	-7	0	-1	-15	0.3	16.9	3.9	0.0	17.2	3	
2	33	134	17	-22	0	4	-0	6.4	6.1	3.3	0.0	12.9	5	
7	33	134	-20	-21	0	4	0	6.4	5.9	3.2	0.0	12.7	5	
8	33	-5	-46	2	0	0	0	0.3	0.8	3.9	0.0	6.8	2	
9	33	-6	46	-0	0	0	-1	0.3	0.8	3.9	0.0	6.8	2	
2	65	134	17	-15	0	10	5	6.4	19.7	2.3	0.0	26.1	3	
7	65	134	-20	-14	0	10	-6	6.4	20.5	2.1	0.0	26.9	3	
8	65	-5	-46	9	0	-2	-14	0.3	16.7	3.9	0.0	16.9	3	
9	65	-6	46	7	0	-1	14	0.3	15.9	3.9	0.0	16.2	3	

ASTA NUM. 20 NI 3494 NF 1538 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	334	-1	-7	0	8	5	15.9	16.5	1.1	0.0	32.4	3	
7	0	334	1	-7	0	8	-6	15.9	17.5	1.1	0.0	33.4	3	
8	0	-14	2	-7	0	-1	-14	0.7	16.2	1.1	0.0	16.9	3	
9	0	-15	-3	-7	0	-1	14	0.7	16.0	1.1	0.0	16.7	3	
2	16	334	-1	-4	0	8	5	15.9	17.6	0.6	0.0	33.6	3	
7	16	334	1	-4	0	8	-6	15.9	18.6	0.6	0.0	34.6	3	
8	16	-14	2	-4	0	-0	-14	0.7	14.5	0.5	0.0	15.2	3	
9	16	-15	-3	-4	0	-0	14	0.7	14.3	0.6	0.0	15.0	3	
2	33	334	-1	-0	0	9	5	15.9	17.9	0.1	0.0	33.9	3	
7	33	334	1	-0	0	9	-6	15.9	18.9	0.1	0.0	34.9	3	
8	33	-14	3	-0	0	-0	-13	0.7	13.6	0.2	0.0	14.3	3	
9	33	-15	-3	-0	0	0	14	0.7	13.7	0.2	0.0	14.4	3	

ASTA NUM. 32 NI 1538 NF 3476 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	334	-1	-0	0	9	5	15.9	17.9	0.1	0.0	33.9	3	
7	0	334	1	-0	0	9	-6	15.9	18.9	0.1	0.0	34.9	3	
8	0	-14	3	-0	0	-0	-13	0.7	13.6	0.2	0.0	14.3	3	
9	0	-15	-3	-0	0	0	14	0.7	13.7	0.2	0.0	14.4	3	
2	16	334	-1	3	0	9	5	15.9	17.4	0.5	0.0	33.3	3	
7	16	334	1	3	0	8	-6	15.9	18.4	0.5	0.0	34.3	3	
8	16	-14	3	3	0	-0	-13	0.7	13.6	0.5	0.0	14.3	3	
9	16	-15	-2	3	0	-0	13	0.7	13.4	0.5	0.0	14.2	3	
2	33	334	-1	7	0	8	5	15.9	16.0	1.1	0.0	32.0	3	
7	33	334	1	7	0	8	-6	15.9	17.0	1.1	0.0	32.9	3	
8	33	-14	3	7	0	-1	-13	0.7	14.5	1.1	0.0	15.1	3	
9	33	-15	-2	7	0	-1	13	0.7	14.3	1.1	0.0	15.0	3	

ASTA NUM. 19 NI 3476 NF 3497 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	141	-18	14	0	10	5	6.7	19.4	2.2	0.0	26.1	3	
7	0	141	20	13	0	10	-6	6.7	20.2	2.1	0.0	26.9	3	
8	0	-5	47	-9	0	-2	-13	0.2	15.6	4.0	0.0	15.8	3	
9	0	-5	-48	-7	0	-1	13	0.2	14.9	4.1	0.0	15.1	3	

2	33	141	-18	21	0	4	-1	6.7	7.0	3.3	0.0	14.0	5
7	33	141	21	20	0	4	1	6.7	6.8	3.2	0.0	13.8	5
8	33	-5	48	-2	0	0	2	0.2	2.5	4.1	0.0	7.1	2
9	33	-5	-48	-0	0	0	-2	0.2	2.5	4.1	0.0	7.1	2
2	65	141	-17	28	0	-4	-7	6.7	12.5	4.4	0.0	19.5	5
7	65	141	21	27	0	-4	7	6.7	13.0	4.3	0.0	19.9	5
8	65	-5	48	5	0	-0	18	0.2	18.0	4.1	0.0	18.3	3
9	65	-5	-48	7	0	-1	-18	0.2	19.0	4.1	0.0	19.2	3

ASTA NUM. 18 NI 3497 NF 4419 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: -0.32 -0.32 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-560	42	518	0	69	-8	26.7	110.1	80.4	0.0	171.3	5	
7	0	-560	-21	519	0	69	6	26.7	108.3	80.6	0.0	170.1	5	
8	0	29	-80	-32	0	-4	17	1.4	22.8	6.8	0.0	24.7	5	
9	0	30	79	-34	0	-4	-17	1.4	23.3	6.7	0.0	25.3	5	
2	16	-560	42	521	0	-16	-1	26.7	24.3	81.0	0.0	143.0	1	
7	16	-560	-21	522	0	-16	2	26.7	25.6	81.1	0.0	143.5	1	
8	16	29	-80	-28	0	1	4	1.4	5.5	6.8	0.0	12.2	2	
9	16	30	79	-31	0	1	-4	1.4	5.7	6.7	0.0	12.0	2	
2	33	-560	42	525	0	-101	6	26.7	155.7	81.5	0.0	204.8	5	
7	33	-560	-21	526	0	-101	-1	26.7	151.3	81.7	0.0	201.5	5	
8	33	29	-80	-25	0	5	-9	1.4	16.8	6.8	0.0	19.0	5	
9	33	30	79	-27	0	6	9	1.4	17.3	6.7	0.0	19.5	5	

Lavoro: SOSTEGNO TRACKER Intestazione lavoro: SOSTEGNI TRACKER GROTTAGLIE
Elemento: TRAVE Metodo di verifica: Stati limite
Gruppo: 8 Descrizione: SOSTEGNO MODULO SCHEMA 0 GRADI
Tabella: Tabella travi Struttura: Nuova
Tipo acciaio: S 235

ASTA NUM. 408 NI 1460 NF 3432 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	0	0	0	0	0.5	0.0	0.2	0.0	0.6	2	
7	0	-2	0	0	0	0	-0	0.6	0.8	0.3	0.0	1.3	3	
8	0	-1	1	-0	0	0	-0	0.4	1.3	0.4	0.0	1.6	3	
9	0	-1	0	0	0	0	0	0.2	0.0	0.1	0.0	0.3	2	
2	14	-1	-0	0	0	-0	0	0.5	0.0	0.1	0.0	0.5	2	
7	14	-2	0	0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
8	14	-1	0	-0	0	0	0	0.4	0.0	0.1	0.0	0.4	2	
9	14	-1	-0	0	0	-0	0	0.2	0.0	0.2	0.0	0.4	2	
2	27	-1	-1	0	0	-0	-0	0.5	1.3	0.4	0.0	1.7	3	
7	27	-2	-0	0	0	-0	-0	0.6	0.7	0.3	0.0	1.2	3	
8	27	-1	-0	-0	0	0	0	0.4	0.0	0.2	0.0	0.5	2	
9	27	-1	-1	0	0	-0	-0	0.2	1.5	0.5	0.0	1.7	3	

ASTA NUM. 415 NI 1453 NF 3444 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	6	0	0	0	0	0	2.1	0.0	0.3	0.0	2.2	2	
7	0	-6	0	-0	0	-0	-0	1.8	1.2	0.3	0.0	3.0	3	
8	0	-16	0	-0	0	-0	-0	5.3	2.2	0.3	0.0	7.5	3	
9	0	14	0	0	0	0	0	4.7	1.2	0.3	0.0	5.8	3	
2	14	6	0	0	0	-0	0	2.1	1.0	0.0	0.0	3.1	3	
7	14	-6	0	-0	0	0	-0	1.8	0.4	0.0	0.0	2.2	3	
8	14	-16	-0	-0	0	0	-0	5.3	1.6	0.0	0.0	6.9	3	
9	14	14	-0	0	0	-0	0	4.7	1.9	0.0	0.0	6.6	3	
2	27	6	-0	0	0	-0	0	2.1	0.0	0.3	0.0	2.2	2	
7	27	-6	-0	-0	0	0	-0	1.8	1.2	0.3	0.0	3.0	3	
8	27	-16	-0	-0	0	0	-0	5.3	2.5	0.3	0.0	7.8	3	
9	27	14	-0	0	0	-0	0	4.7	1.0	0.3	0.0	5.7	3	

Lavoro: **SOSTEGNO TRACKER** Intestazione lavoro: **SOSTEGNI TRACKER GROTTAGLIE**
 Elemento: **TRAVE** Metodo di verifica: **Stati limite**
 Gruppo: **8** Descrizione: **SOSTEGNO MODULO SCHEMA 0 GRADI**
 Tabella: **Tabella travi** Struttura: **Nuova**
 Tipo acciaio: **S 235**

ASTA NUM. 416 NI 1440 NF 3466 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	-0	0	-0	-0	0.6	0.6	0.3	0.0	1.3	3	
7	0	-2	0	0	0	-0	-0	0.8	0.3	0.2	0.0	1.1	5	
8	0	-0	0	0	0	-0	0	0.1	0.0	0.2	0.0	0.4	2	
9	0	1	1	0	0	0	-0	0.2	0.8	0.4	0.0	1.1	5	
2	14	-2	-0	-0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
7	14	-2	-0	0	0	-0	0	0.8	0.0	0.1	0.0	0.8	2	
8	14	-0	-0	0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2	
9	14	1	0	0	0	-0	0	0.2	0.3	0.1	0.0	0.6	3	
2	27	-2	-0	-0	0	0	-0	0.6	0.9	0.3	0.0	1.5	3	
7	27	-2	-1	0	0	-0	-0	0.8	1.3	0.4	0.0	2.1	3	
8	27	-0	-1	0	0	-0	-0	0.1	1.2	0.4	0.0	1.3	3	
9	27	1	-0	0	0	-0	0	0.2	0.0	0.2	0.0	0.5	2	

ASTA NUM. 11 NI 3466 NF 3299 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	-0	0	0	0	0.7	0.0	0.1	0.0	0.7	2	
7	0	-4	0	0	0	-0	-0	1.3	0.4	0.1	0.0	1.7	3	
8	0	-4	0	-0	0	-0	-0	1.3	0.5	0.1	0.0	1.7	3	
9	0	1	0	-0	0	-0	0	0.2	0.0	0.1	0.0	0.3	2	
2	14	-2	-0	-0	0	0	0	0.7	0.0	0.0	0.0	0.7	2	
7	14	-4	-0	0	0	-0	-0	1.3	0.4	0.1	0.0	1.7	3	
8	14	-4	-0	-0	0	-0	-0	1.3	0.4	0.0	0.0	1.6	3	
9	14	1	-0	-0	0	0	0	0.2	0.0	0.0	0.0	0.2	2	
2	27	-2	-0	-0	0	0	-0	0.7	0.6	0.1	0.0	1.4	3	
7	27	-4	-0	0	0	-0	-0	1.3	0.9	0.2	0.0	2.2	3	
8	27	-4	-0	-0	0	-0	-0	1.3	0.8	0.1	0.0	2.1	3	
9	27	1	-0	-0	0	0	0	0.2	0.0	0.1	0.0	0.3	2	

ASTA NUM. 12 NI 3299 NF 3298 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	-0	0	0	0	-0	1.8	0.4	0.1	0.0	2.3	3	
7	0	-7	-0	-0	0	-0	-0	2.3	0.7	0.0	0.0	3.0	3	
8	0	-4	0	-0	0	-0	-0	1.3	0.7	0.2	0.0	2.0	3	
9	0	-0	0	0	0	0	0	0.2	0.0	0.0	0.0	0.2	2	
2	5	-6	-0	0	0	0	-0	1.8	0.6	0.1	0.0	2.5	3	
7	5	-7	-0	-0	0	-0	-0	2.3	0.8	0.1	0.0	3.0	3	
8	5	-4	0	-0	0	-0	-0	1.3	0.4	0.1	0.0	1.7	3	
9	5	-0	-0	0	0	-0	0	0.2	0.0	0.0	0.0	0.2	2	
2	10	-6	-0	0	0	-0	-0	1.8	0.9	0.2	0.0	2.7	3	
7	10	-7	-0	-0	0	-0	-0	2.3	0.9	0.1	0.0	3.2	3	
8	10	-4	0	-0	0	-0	0	1.3	0.0	0.1	0.0	1.3	2	
9	10	-0	-0	0	0	-0	0	0.2	0.0	0.0	0.0	0.2	2	

ASTA NUM. 9 NI 3298 NF 3297 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-26	-0	0	0	-0	-0	8.5	1.3	0.0	0.0	9.9	3
7	0	-14	0	0	0	-0	-0	4.7	1.5	0.1	0.0	6.2	3
8	0	25	1	-0	0	-0	-0	8.3	1.1	0.5	0.0	9.4	3
9	0	-4	0	-0	0	-0	-0	1.3	0.7	0.2	0.0	2.0	3
2	27	-26	-0	0	0	-0	-0	8.5	2.5	0.2	0.0	11.1	3
7	27	-14	-0	0	0	-0	-0	4.7	1.2	0.1	0.0	5.9	3
8	27	25	0	-0	0	0	0	8.3	3.1	0.3	0.0	11.5	3
9	27	-4	-0	-0	0	-0	0	1.3	0.0	0.0	0.0	1.3	2
2	55	-26	-1	0	0	-0	-0	8.5	5.9	0.4	0.0	14.4	3
7	55	-14	-0	0	0	-0	-0	4.7	3.2	0.3	0.0	7.9	3
8	55	25	0	-0	0	0	0	8.3	5.2	0.1	0.0	13.5	3
9	55	-4	-0	-0	0	-0	-0	1.3	1.6	0.3	0.0	2.9	3

ASTA NUM. 10 NI 3297 NF 3301 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-67	-0	-0	0	-0	-0	21.9	5.7	0.0	0.0	27.5	3	
7	0	-32	0	0	0	-0	-0	10.4	3.0	0.1	0.0	13.4	3	
8	0	74	1	0	0	0	0	24.3	5.0	0.5	0.0	29.3	3	
9	0	-13	0	-0	0	-0	-0	4.4	1.7	0.2	0.0	6.1	3	
2	27	-67	-0	-0	0	-0	-0	21.9	7.0	0.2	0.0	28.9	3	
7	27	-32	-0	0	0	-0	-0	10.4	3.2	0.1	0.0	13.6	3	
8	27	74	0	0	0	-0	0	24.3	8.5	0.2	0.0	32.7	3	
9	27	-13	-0	-0	0	0	-0	4.4	1.1	0.1	0.0	5.5	3	
2	55	-67	-1	-0	0	-0	-0	21.9	10.5	0.5	0.0	32.3	3	
7	55	-32	-0	0	0	-0	-0	10.4	5.5	0.3	0.0	16.0	3	
8	55	74	0	0	0	-0	0	24.3	9.8	0.0	0.0	34.1	3	
9	55	-13	-0	-0	0	0	-0	4.4	2.8	0.3	0.0	7.2	3	

ASTA NUM. 13 NI 3301 NF 3300 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-90	-0	0	0	-0	-0	29.5	9.4	0.2	0.0	39.0	3	
7	0	-46	-0	-0	0	-0	-0	15.0	4.9	0.1	0.0	19.9	3	
8	0	93	0	-0	0	-0	0	30.8	9.9	0.2	0.0	40.7	3	
9	0	-17	-0	0	0	0	-0	5.6	1.8	0.1	0.0	7.4	3	
2	5	-90	-0	0	0	-0	-0	29.5	9.9	0.2	0.0	39.4	3	
7	5	-46	-0	-0	0	-0	-0	15.0	5.0	0.1	0.0	20.0	3	
8	5	93	0	-0	0	0	0	30.8	10.4	0.2	0.0	41.1	3	
9	5	-17	-0	0	0	-0	-0	5.6	1.9	0.1	0.0	7.5	3	
2	10	-90	-0	0	0	-0	-0	29.5	10.5	0.3	0.0	40.0	3	
7	10	-46	-0	-0	0	0	-0	15.0	5.3	0.2	0.0	20.4	3	
8	10	93	0	-0	0	0	0	30.8	10.9	0.2	0.0	41.6	3	
9	10	-17	-0	0	0	-0	-0	5.6	2.3	0.1	0.0	7.8	3	

ASTA NUM. 2 NI 3300 NF 3469 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-99	-0	-0	0	-0	-0	32.7	10.5	0.1	0.0	43.2	3	
7	0	-56	-0	0	0	0	-0	18.4	5.5	0.1	0.0	24.0	3	
8	0	96	0	0	0	0	0	31.5	10.6	0.2	0.0	42.2	3	
9	0	-12	0	-0	0	-0	-0	4.1	2.2	0.2	0.0	6.3	3	
2	14	-99	-0	-0	0	0	-0	32.7	11.2	0.1	0.0	43.8	3	
7	14	-56	-0	0	0	-0	-0	18.4	6.4	0.2	0.0	24.8	3	
8	14	96	-0	0	0	-0	0	31.5	11.4	0.2	0.0	43.0	3	
9	14	-12	0	-0	0	0	-0	4.1	2.1	0.2	0.0	6.3	3	
2	27	-99	-0	-0	0	0	-0	32.7	12.6	0.2	0.0	45.3	3	
7	27	-56	-0	0	0	-0	-0	18.4	7.9	0.3	0.0	26.3	3	
8	27	96	-0	0	0	-0	0	31.5	12.2	0.2	0.0	43.7	3	
9	27	-12	-0	-0	0	0	-0	4.1	3.1	0.2	0.0	7.2	3	

ASTA NUM. 1 NI 3469 NF 3468 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-102	0	0	0	0	-0	33.6	12.6	0.3	0.0	46.2	3	
7	0	-73	-0	-0	0	-0	-0	24.1	8.0	0.3	0.0	32.1	3	
8	0	81	-0	-1	0	-0	0	26.6	12.0	0.8	0.0	38.7	3	
9	0	9	1	1	0	0	-0	2.9	2.8	0.8	0.0	5.7	3	
2	14	-102	0	0	0	-0	-0	33.6	11.9	0.3	0.0	45.5	3	
7	14	-73	-0	-0	0	-0	-0	24.1	9.0	0.3	0.0	33.1	3	
8	14	81	-0	-1	0	0	0	26.6	11.2	0.8	0.0	37.8	3	
9	14	9	0	1	0	-0	0	2.9	3.3	0.8	0.0	6.3	3	
2	27	-102	-0	0	0	-0	-0	33.6	13.5	0.3	0.0	47.0	3	
7	27	-73	-0	-0	0	0	-0	24.1	11.9	0.3	0.0	36.1	3	
8	27	81	-1	-1	0	0	0	26.6	13.5	0.8	0.0	40.1	3	
9	27	9	0	1	0	-0	0	2.9	8.9	0.8	0.0	11.9	3	

ASTA NUM. 289 NI 3468 NF 1513 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-73	0	0	0	0	-0	24.1	11.9	0.3	0.0	36.0	3	
7	0	-102	0	-0	0	-0	-0	33.6	13.5	0.3	0.0	47.2	3	
8	0	9	-0	-1	0	-0	0	2.9	8.9	0.8	0.0	11.8	3	
9	0	81	1	1	0	0	0	26.7	13.6	0.8	0.0	40.2	3	
2	14	-73	0	0	0	0	-0	24.1	9.0	0.3	0.0	33.1	3	
7	14	-102	-0	-0	0	-0	-0	33.6	11.9	0.3	0.0	45.5	3	
8	14	9	-0	-1	0	-0	0	2.9	3.3	0.8	0.0	6.2	3	
9	14	81	0	1	0	0	0	26.7	11.2	0.8	0.0	37.9	3	
2	27	-73	0	0	0	-0	-0	24.1	8.0	0.3	0.0	32.1	3	
7	27	-102	-0	-0	0	0	-0	33.6	12.6	0.3	0.0	46.2	3	
8	27	9	-1	-1	0	0	-0	2.9	2.8	0.8	0.0	5.7	3	
9	27	81	0	1	0	-0	0	26.7	12.0	0.8	0.0	38.7	3	

ASTA NUM. 6 NI 1513 NF 1511 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-56	0	-0	0	-0	-0	18.4	7.9	0.3	0.0	26.3	3	
7	0	-99	0	0	0	0	-0	32.7	12.7	0.3	0.0	45.3	3	
8	0	-12	0	0	0	0	-0	4.1	3.2	0.2	0.0	7.3	3	
9	0	96	0	-0	0	-0	0	31.6	12.2	0.2	0.0	43.8	3	
2	14	-56	0	-0	0	-0	-0	18.4	6.4	0.2	0.0	24.8	3	
7	14	-99	0	0	0	0	-0	32.7	11.2	0.1	0.0	43.8	3	
8	14	-12	-0	0	0	0	-0	4.1	2.1	0.2	0.0	6.2	3	
9	14	96	-0	-0	0	-0	0	31.6	11.4	0.2	0.0	43.0	3	
2	27	-56	0	-0	0	0	-0	18.4	5.5	0.1	0.0	24.0	3	
7	27	-99	0	0	0	-0	-0	32.7	10.5	0.1	0.0	43.2	3	
8	27	-12	-0	0	0	-0	-0	4.1	2.1	0.2	0.0	6.2	3	
9	27	96	-0	-0	0	0	0	31.6	10.6	0.2	0.0	42.1	3	

ASTA NUM. 5 NI 1511 NF 1508 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-46	0	0	0	0	-0	15.0	5.3	0.2	0.0	20.4	3	
7	0	-90	0	-0	0	-0	-0	29.5	10.5	0.3	0.0	40.0	3	
8	0	-17	0	-0	0	-0	-0	5.5	2.3	0.2	0.0	7.8	3	
9	0	93	-0	0	0	0	0	30.8	10.9	0.2	0.0	41.7	3	
2	5	-46	0	0	0	-0	-0	15.0	5.0	0.1	0.0	20.0	3	

7	5	-90	0	-0	0	-0	-0	29.5	9.9	0.3	0.0	39.4	3
8	5	-17	0	-0	0	-0	-0	5.5	1.9	0.1	0.0	7.4	3
9	5	93	-0	0	0	0	0	30.8	10.4	0.2	0.0	41.1	3
2	10	-46	0	0	0	-0	-0	15.0	4.9	0.1	0.0	19.9	3
7	10	-90	0	-0	0	-0	-0	29.5	9.4	0.2	0.0	38.9	3
8	10	-17	0	-0	0	0	-0	5.5	1.8	0.1	0.0	7.3	3
9	10	93	-0	0	0	-0	0	30.8	9.9	0.3	0.0	40.6	3

ASTA NUM. 8 NI 1508 NF 1509 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
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	cm	kg			kg*m			kg/cmq								
2	0	-32	0	-0	0	-0	-0	10.4	5.5	0.3	0.0	16.0	3			
7	0	-66	1	0	0	-0	-0	21.9	10.5	0.5	0.0	32.3	3			
8	0	-13	0	0	0	0	-0	4.3	2.8	0.3	0.0	7.1	3			
9	0	74	-0	-0	0	-0	0	24.2	9.8	0.0	0.0	34.0	3			
2	27	-32	0	-0	0	-0	-0	10.4	3.2	0.1	0.0	13.6	3			
7	27	-66	0	0	0	-0	-0	21.9	7.0	0.2	0.0	28.8	3			
8	27	-13	0	0	0	0	-0	4.3	1.1	0.1	0.0	5.5	3			
9	27	74	-0	-0	0	-0	0	24.2	8.5	0.2	0.0	32.7	3			
2	55	-32	-0	-0	0	-0	-0	10.4	3.0	0.1	0.0	13.4	3			
7	55	-66	0	0	0	-0	-0	21.9	5.7	0.0	0.0	27.5	3			
8	55	-13	-0	0	0	-0	-0	4.3	1.7	0.2	0.0	6.0	3			
9	55	74	-1	-0	0	0	0	24.2	5.0	0.5	0.0	29.2	3			

ASTA NUM. 7 NI 1509 NF 1510 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
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	cm	kg			kg*m			kg/cmq								
2	0	-14	0	-0	0	-0	-0	4.7	3.2	0.3	0.0	7.9	3			
7	0	-26	1	-0	0	-0	-0	8.5	5.9	0.4	0.0	14.4	3			
8	0	-4	0	0	0	-0	-0	1.3	1.6	0.3	0.0	2.9	3			
9	0	25	-0	0	0	0	0	8.3	5.2	0.1	0.0	13.5	3			
2	27	-14	0	-0	0	-0	-0	4.7	1.2	0.1	0.0	5.9	3			
7	27	-26	0	-0	0	-0	-0	8.5	2.5	0.2	0.0	11.1	3			
8	27	-4	0	0	0	-0	0	1.3	0.0	0.0	0.0	1.3	2			
9	27	25	-0	0	0	0	0	8.3	3.1	0.3	0.0	11.5	3			
2	55	-14	-0	-0	0	-0	-0	4.7	1.5	0.1	0.0	6.2	3			
7	55	-26	0	-0	0	-0	-0	8.5	1.3	0.0	0.0	9.9	3			
8	55	-4	-0	0	0	-0	-0	1.3	0.7	0.2	0.0	2.0	3			
9	55	25	-1	0	0	-0	-0	8.3	1.1	0.5	0.0	9.4	3			

ASTA NUM. 4 NI 1510 NF 1512 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
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	cm	kg			kg*m			kg/cmq								
2	0	-7	0	0	0	-0	-0	2.3	0.9	0.1	0.0	3.2	3			
7	0	-6	0	-0	0	-0	-0	1.8	0.9	0.2	0.0	2.7	3			
8	0	-0	0	-0	0	-0	0	0.2	0.0	0.0	0.0	0.2	2			
9	0	-4	-0	0	0	-0	0	1.3	0.0	0.1	0.0	1.3	2			
2	5	-7	0	0	0	-0	-0	2.3	0.8	0.1	0.0	3.0	3			
7	5	-6	0	-0	0	-0	-0	1.8	0.6	0.1	0.0	2.4	3			
8	5	-0	0	-0	0	-0	0	0.2	0.0	0.0	0.0	0.2	2			
9	5	-4	-0	0	0	-0	-0	1.3	0.4	0.1	0.0	1.7	3			
2	10	-7	0	0	0	-0	-0	2.3	0.7	0.0	0.0	3.0	3			
7	10	-6	0	-0	0	0	-0	1.8	0.4	0.1	0.0	2.3	3			
8	10	-0	-0	-0	0	0	0	0.2	0.0	0.0	0.0	0.2	2			
9	10	-4	-0	0	0	-0	-0	1.3	0.7	0.2	0.0	2.0	3			

ASTA NUM. 3 NI 1512 NF 1506 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg		kg*m		kg/cmq							
2	0	-4	0	-0	0	-0	-0	1.3	0.9	0.2	0.0	2.2	3
7	0	-2	0	0	0	0	-0	0.7	0.6	0.1	0.0	1.3	3
8	0	1	0	0	0	0	0	0.2	0.0	0.1	0.0	0.3	2
9	0	-4	0	0	0	-0	-0	1.3	0.8	0.1	0.0	2.1	3
2	14	-4	0	-0	0	-0	-0	1.3	0.4	0.1	0.0	1.6	3
7	14	-2	0	0	0	0	0	0.7	0.0	0.0	0.0	0.7	2
8	14	1	0	0	0	0	0	0.2	0.0	0.0	0.0	0.2	2
9	14	-4	0	0	0	-0	-0	1.3	0.4	0.0	0.0	1.6	3
2	27	-4	-0	-0	0	-0	-0	1.3	0.4	0.1	0.0	1.7	3
7	27	-2	-0	0	0	0	0	0.7	0.0	0.1	0.0	0.7	2
8	27	1	-0	0	0	-0	0	0.2	0.0	0.1	0.0	0.3	2
9	27	-4	-0	0	0	-0	-0	1.3	0.5	0.1	0.0	1.7	3

ASTA NUM. 427 NI 1506 NF 1439 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	1	-0	0	-0	-0	0.8	1.3	0.4	0.0	2.1	3	
7	0	-2	0	0	0	0	-0	0.6	0.9	0.3	0.0	1.5	3	
8	0	1	0	-0	0	-0	0	0.2	0.0	0.2	0.0	0.5	2	
9	0	-0	1	-0	0	-0	-0	0.1	1.2	0.4	0.0	1.3	3	
2	14	-2	0	-0	0	-0	0	0.8	0.0	0.1	0.0	0.8	2	
7	14	-2	0	0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
8	14	1	-0	-0	0	-0	0	0.2	0.3	0.1	0.0	0.6	3	
9	14	-0	0	-0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2	
2	27	-2	-0	-0	0	0	-0	0.8	0.3	0.2	0.0	1.1	5	
7	27	-2	-0	0	0	0	-0	0.6	0.6	0.3	0.0	1.3	1	
8	27	1	-1	-0	0	0	-0	0.2	0.8	0.4	0.0	1.1	5	
9	27	-0	-0	-0	0	0	0	0.1	0.0	0.2	0.0	0.4	2	

ASTA NUM. 417 NI 1441 NF 3464 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	0	0	-0	-0	0.3	0.9	0.4	0.0	1.1	5	
7	0	-1	0	0	0	-0	0	0.3	0.0	0.2	0.0	0.5	2	
8	0	2	0	-0	0	0	0	0.5	0.5	0.1	0.0	1.0	3	
9	0	1	1	0	0	0	-0	0.5	1.0	0.4	0.0	1.5	3	
2	14	-1	0	0	0	-0	0	0.3	0.0	0.0	0.0	0.3	2	
7	14	-1	-0	0	0	-0	0	0.3	0.0	0.1	0.0	0.3	2	
8	14	2	-0	-0	0	0	0	0.5	0.4	0.2	0.0	1.0	3	
9	14	1	0	0	0	-0	0	0.5	0.4	0.1	0.0	0.9	3	
2	27	-1	-0	0	0	-0	-0	0.3	0.4	0.3	0.0	0.7	5	
7	27	-1	-1	0	0	-0	-0	0.3	1.0	0.4	0.0	1.2	3	
8	27	2	-1	-0	0	0	-0	0.5	1.2	0.5	0.0	1.7	3	
9	27	1	-0	0	0	-0	0	0.5	0.3	0.2	0.0	0.8	3	

ASTA NUM. 16 NI 3464 NF 3302 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	-0	0	-0	0	0.2	0.0	0.1	0.0	0.3	2	
7	0	-3	0	-0	0	-0	-0	0.9	0.3	0.1	0.0	1.2	3	
8	0	-4	0	0	0	0	0	1.3	0.0	0.0	0.0	1.3	2	
9	0	2	0	-0	0	-0	0	0.6	0.0	0.1	0.0	0.6	2	
2	14	-1	0	-0	0	-0	0	0.2	0.0	0.0	0.0	0.2	2	
7	14	-3	-0	-0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2	
8	14	-4	-0	0	0	0	-0	1.3	0.3	0.1	0.0	1.6	3	
9	14	2	0	-0	0	-0	0	0.6	0.3	0.0	0.0	0.8	3	
2	27	-1	-0	-0	0	0	0	0.2	0.0	0.1	0.0	0.3	2	
7	27	-3	-0	-0	0	-0	-0	0.9	0.7	0.1	0.0	1.6	3	
8	27	-4	-0	0	0	-0	-0	1.3	1.0	0.2	0.0	2.2	3	
9	27	2	-0	-0	0	0	0	0.6	0.0	0.1	0.0	0.6	2	

ASTA NUM. 15 NI 3302 NF 3305 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3	
7	0	-5	-0	0	0	-0	-0	1.8	0.5	0.0	0.0	2.3	3	
8	0	-5	0	-0	0	-0	-0	1.8	0.6	0.0	0.0	2.3	3	
9	0	2	0	0	0	0	0	0.5	0.0	0.1	0.0	0.6	2	
2	5	-3	0	0	0	-0	-0	0.9	0.3	0.0	0.0	1.1	3	
7	5	-5	-0	0	0	-0	-0	1.8	0.6	0.0	0.0	2.4	3	
8	5	-5	-0	-0	0	0	-0	1.8	0.6	0.0	0.0	2.3	3	
9	5	2	0	0	0	-0	0	0.5	0.0	0.1	0.0	0.6	2	
2	10	-3	-0	0	0	-0	-0	0.9	0.3	0.0	0.0	1.2	3	
7	10	-5	-0	0	0	-0	-0	1.8	0.7	0.1	0.0	2.5	3	
8	10	-5	-0	-0	0	0	-0	1.8	0.7	0.1	0.0	2.4	3	
9	10	2	0	0	0	-0	0	0.5	0.4	0.1	0.0	0.9	3	

ASTA NUM. 18 NI 3305 NF 3304 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-22	0	0	0	-0	-0	7.2	1.3	0.0	0.0	8.6	3	
7	0	-12	0	0	0	-0	-0	4.0	1.4	0.1	0.0	5.3	3	
8	0	23	1	-0	0	0	-0	7.6	0.9	0.5	0.0	8.6	3	
9	0	-2	0	0	0	-0	-0	0.6	0.7	0.2	0.0	1.3	3	
2	27	-22	-0	0	0	-0	-0	7.2	2.1	0.2	0.0	9.3	3	
7	27	-12	-0	0	0	-0	-0	4.0	1.0	0.1	0.0	4.9	3	
8	27	23	0	-0	0	0	0	7.6	2.9	0.3	0.0	10.6	3	
9	27	-2	-0	0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2	
2	55	-22	-1	0	0	-0	-0	7.2	5.1	0.4	0.0	12.3	3	
7	55	-12	-0	0	0	-0	-0	4.0	2.8	0.3	0.0	6.7	3	
8	55	23	0	-0	0	0	0	7.6	4.6	0.1	0.0	12.2	3	
9	55	-2	-0	0	0	-0	-0	0.6	1.2	0.2	0.0	1.8	3	

ASTA NUM. 17 NI 3304 NF 3303 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-62	-0	-0	0	-0	-0	20.3	5.2	0.0	0.0	25.5	3	
7	0	-27	0	0	0	-0	-0	8.9	2.8	0.1	0.0	11.7	3	
8	0	73	1	0	0	0	0	24.0	4.6	0.5	0.0	28.6	3	
9	0	-14	0	-0	0	-0	-0	4.5	1.3	0.1	0.0	5.8	3	
2	27	-62	-0	-0	0	-0	-0	20.3	6.4	0.2	0.0	26.7	3	
7	27	-27	-0	0	0	-0	-0	8.9	2.7	0.1	0.0	11.6	3	
8	27	73	0	0	0	-0	0	24.0	8.4	0.3	0.0	32.3	3	
9	27	-14	-0	-0	0	0	-0	4.5	1.2	0.1	0.0	5.7	3	
2	55	-62	-1	-0	0	0	-0	20.3	9.9	0.4	0.0	30.2	3	
7	55	-27	-0	0	0	-0	-0	8.9	4.7	0.3	0.0	13.6	3	
8	55	73	0	0	0	-0	0	24.0	10.0	0.0	0.0	34.0	3	
9	55	-14	-0	-0	0	0	-0	4.5	3.2	0.3	0.0	7.8	3	

ASTA NUM. 14 NI 3303 NF 3307 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-90	0	0	0	0	-0	29.5	10.1	0.1	0.0	39.6	3	
7	0	-36	0	-0	0	-0	-0	12.0	4.2	0.1	0.0	16.2	3	
8	0	104	0	-0	0	-0	0	34.3	11.5	0.1	0.0	45.9	3	
9	0	-29	0	0	0	0	-0	9.5	3.5	0.1	0.0	13.0	3	

2	5	-90	0	0	0	-0	-0	29.5	9.9	0.1	0.0	39.5	3
7	5	-36	0	-0	0	0	0	12.0	4.0	0.0	0.0	16.0	3
8	5	104	-0	-0	0	0	0	34.3	11.6	0.1	0.0	46.0	3
9	5	-29	0	0	0	-0	-0	9.5	3.3	0.1	0.0	12.8	3
2	10	-90	0	0	0	-0	-0	29.5	9.9	0.1	0.0	39.4	3
7	10	-36	0	-0	0	0	0	12.0	4.0	0.0	0.0	16.0	3
8	10	104	-0	-0	0	0	0	34.3	11.8	0.1	0.0	46.1	3
9	10	-29	0	0	0	-0	-0	9.5	3.3	0.1	0.0	12.8	3

ASTA NUM. 25 NI 3307 NF 3306 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-115	-0	-0	0	-0	-0	37.9	10.9	0.3	0.0	48.7	3	
7	0	-41	0	0	0	0	-0	13.6	5.1	0.2	0.0	18.7	3	
8	0	134	1	0	0	0	0	43.9	11.6	0.8	0.0	55.5	3	
9	0	-51	-1	-0	0	-0	-0	16.8	3.4	0.4	0.0	20.1	3	
2	14	-115	-1	-0	0	0	-0	37.9	12.8	0.4	0.0	50.7	3	
7	14	-41	0	0	0	-0	-0	13.6	4.9	0.1	0.0	18.5	3	
8	14	134	1	0	0	-0	1	43.9	15.6	0.6	0.0	59.6	3	
9	14	-51	-1	-0	0	0	-0	16.8	6.4	0.5	0.0	23.2	3	
2	27	-115	-1	-0	0	0	-1	37.9	15.6	0.5	0.0	53.5	3	
7	27	-41	-0	0	0	-0	-0	13.6	5.4	0.1	0.0	19.0	3	
8	27	134	1	0	0	-0	1	43.9	19.9	0.5	0.0	63.8	3	
9	27	-51	-1	-0	0	0	-0	16.8	10.6	0.7	0.0	27.4	3	

ASTA NUM. 291 NI 3306 NF 1514 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-189	-2	0	0	0	-0	62.1	11.9	1.8	0.0	73.9	3	
7	0	-28	2	-1	0	-0	-0	9.1	9.5	1.2	0.0	18.7	3	
8	0	246	5	-1	0	-0	0	80.8	10.0	3.9	0.0	90.8	3	
9	0	-157	-5	1	0	0	0	51.5	3.4	3.6	0.0	55.0	3	
2	14	-189	-3	0	0	-0	-1	62.1	21.4	1.9	0.0	83.5	3	
7	14	-28	1	-1	0	0	-0	9.1	4.2	1.1	0.0	13.3	3	
8	14	246	5	-1	0	0	1	80.8	29.7	3.8	0.0	110.5	3	
9	14	-157	-5	1	0	-0	-1	51.5	19.7	3.7	0.0	71.2	3	
2	27	-189	-3	0	0	-0	-1	62.1	33.0	2.0	0.0	95.0	3	
7	27	-28	1	-1	0	0	0	9.1	5.6	1.0	0.0	14.8	3	
8	27	246	5	-1	0	0	2	80.8	53.1	3.7	0.0	133.9	3	
9	27	-157	-5	1	0	-0	-1	51.5	43.4	3.8	0.0	94.9	3	

ASTA NUM. 290 NI 1514 NF 1503 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-28	-1	1	0	0	0	9.1	5.7	1.0	0.0	14.9	3	
7	0	-188	3	-0	0	-0	-1	62.0	32.8	2.0	0.0	94.8	3	
8	0	-156	5	-1	0	-0	-1	51.5	43.3	3.8	0.0	94.8	3	
9	0	246	-5	1	0	0	2	80.8	53.1	3.7	0.0	133.9	3	
2	14	-28	-1	1	0	0	-0	9.1	4.2	1.1	0.0	13.3	3	
7	14	-188	3	-0	0	-0	-1	62.0	21.4	1.9	0.0	83.4	3	
8	14	-156	5	-1	0	-0	-1	51.5	19.7	3.7	0.0	71.1	3	
9	14	246	-5	1	0	0	1	80.8	29.7	3.8	0.0	110.5	3	
2	27	-28	-2	1	0	-0	-0	9.1	9.6	1.2	0.0	18.7	3	
7	27	-188	2	-0	0	0	-0	62.0	11.9	1.8	0.0	73.9	3	
8	27	-156	5	-1	0	0	0	51.5	3.4	3.6	0.0	54.9	3	
9	27	246	-5	1	0	-0	0	80.8	10.0	3.9	0.0	90.8	3	

ASTA NUM. 21 NI 1503 NF 1501 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-41	0	-0	0	-0	-0	13.6	5.4	0.1	0.0	19.0	3
7	0	-115	1	0	0	0	-1	37.8	15.6	0.5	0.0	53.4	3
8	0	-51	1	0	0	0	-0	16.8	10.5	0.6	0.0	27.3	3
9	0	134	-1	-0	0	-0	1	43.9	19.8	0.5	0.0	63.7	3
2	14	-41	-0	-0	0	-0	-0	13.6	4.9	0.1	0.0	18.4	3
7	14	-115	1	0	0	0	-0	37.8	12.8	0.4	0.0	50.6	3
8	14	-51	1	0	0	0	-0	16.8	6.4	0.5	0.0	23.1	3
9	14	134	-1	-0	0	-0	1	43.9	15.6	0.6	0.0	59.6	3
2	27	-41	-0	-0	0	0	-0	13.6	5.1	0.2	0.0	18.6	3
7	27	-115	0	0	0	-0	-0	37.8	10.9	0.3	0.0	48.7	3
8	27	-51	1	0	0	-0	-0	16.8	3.4	0.4	0.0	20.2	3
9	27	134	-1	-0	0	0	0	43.9	11.6	0.7	0.0	55.5	3

ASTA NUM. 22 NI 1501 NF 1502 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
cm		kg			kg*m			kg/cmq						
2	0	-36	-0	0	0	0	-0	12.0	4.0	0.0	0.0	16.0	3	
7	0	-90	-0	-0	0	-0	-0	29.5	9.8	0.1	0.0	39.4	3	
8	0	-29	-0	-0	0	-0	-0	9.5	3.3	0.1	0.0	12.7	3	
9	0	104	0	0	0	0	0	34.4	11.7	0.1	0.0	46.1	3	
2	5	-36	-0	0	0	0	-0	12.0	4.0	0.0	0.0	16.0	3	
7	5	-90	-0	-0	0	-0	-0	29.5	9.9	0.1	0.0	39.4	3	
8	5	-29	-0	-0	0	-0	-0	9.5	3.3	0.1	0.0	12.7	3	
9	5	104	0	0	0	0	0	34.4	11.6	0.1	0.0	46.0	3	
2	10	-36	-0	0	0	-0	-0	12.0	4.2	0.1	0.0	16.2	3	
7	10	-90	-0	-0	0	0	-0	29.5	10.1	0.2	0.0	39.6	3	
8	10	-29	-0	-0	0	0	-0	9.5	3.5	0.2	0.0	13.0	3	
9	10	104	0	0	0	-0	0	34.4	11.6	0.1	0.0	46.0	3	

ASTA NUM. 19 NI 1502 NF 1504 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
cm		kg			kg*m			kg/cmq						
2	0	-27	0	-0	0	-0	-0	8.9	4.7	0.3	0.0	13.6	3	
7	0	-62	1	0	0	0	-0	20.3	9.9	0.4	0.0	30.2	3	
8	0	-14	0	0	0	0	-0	4.5	3.2	0.3	0.0	7.8	3	
9	0	73	-0	-0	0	-0	0	24.0	10.0	0.1	0.0	34.0	3	
2	27	-27	0	-0	0	-0	-0	8.9	2.7	0.1	0.0	11.6	3	
7	27	-62	0	0	0	-0	-0	20.3	6.4	0.2	0.0	26.7	3	
8	27	-14	0	0	0	0	-0	4.5	1.2	0.1	0.0	5.7	3	
9	27	73	-0	-0	0	-0	0	24.0	8.4	0.3	0.0	32.4	3	
2	55	-27	-0	-0	0	-0	-0	8.9	2.8	0.1	0.0	11.7	3	
7	55	-62	0	0	0	-0	-0	20.3	5.2	0.0	0.0	25.5	3	
8	55	-14	-0	0	0	-0	-0	4.5	1.3	0.1	0.0	5.9	3	
9	55	73	-1	-0	0	0	0	24.0	4.6	0.5	0.0	28.6	3	

ASTA NUM. 20 NI 1504 NF 1500 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
cm		kg			kg*m			kg/cmq						
2	0	-12	0	-0	0	-0	-0	3.9	2.8	0.3	0.0	6.7	3	
7	0	-22	1	-0	0	-0	-0	7.2	5.1	0.4	0.0	12.3	3	
8	0	-2	0	0	0	-0	-0	0.6	1.2	0.2	0.0	1.8	3	
9	0	23	-0	0	0	0	0	7.6	4.6	0.1	0.0	12.2	3	
2	27	-12	0	-0	0	-0	-0	3.9	1.0	0.1	0.0	4.9	3	
7	27	-22	0	-0	0	-0	-0	7.2	2.1	0.2	0.0	9.3	3	
8	27	-2	0	0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2	
9	27	23	-0	0	0	0	0	7.6	2.9	0.3	0.0	10.6	3	
2	55	-12	-0	-0	0	-0	-0	3.9	1.4	0.1	0.0	5.3	3	
7	55	-22	-0	-0	0	-0	-0	7.2	1.3	0.0	0.0	8.5	3	
8	55	-2	-0	0	0	-0	-0	0.6	0.7	0.2	0.0	1.3	3	

9 55 23 -1 0 0 0 -0 7.6 0.9 0.5 0.0 8.6 3

ASTA NUM. 23 NI 1500 NF 1498 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	-0	0	-0	-0	1.8	0.7	0.1	0.0	2.5	3	
7	0	-3	0	-0	0	-0	-0	0.9	0.3	0.0	0.0	1.2	3	
8	0	2	-0	-0	0	-0	0	0.6	0.4	0.1	0.0	0.9	3	
9	0	-5	0	0	0	0	-0	1.8	0.7	0.1	0.0	2.4	3	
2	5	-5	0	-0	0	-0	-0	1.8	0.6	0.0	0.0	2.4	3	
7	5	-3	-0	-0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2	
8	5	2	-0	-0	0	-0	0	0.6	0.0	0.1	0.0	0.6	2	
9	5	-5	0	0	0	0	-0	1.8	0.6	0.0	0.0	2.3	3	
2	10	-5	0	-0	0	-0	-0	1.8	0.5	0.0	0.0	2.3	3	
7	10	-3	-0	-0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3	
8	10	2	-0	-0	0	0	0	0.6	0.0	0.1	0.0	0.6	2	
9	10	-5	-0	0	0	-0	-0	1.8	0.6	0.0	0.0	2.3	3	

ASTA NUM. 24 NI 1498 NF 1499 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	-0	-0	0.9	0.7	0.1	0.0	1.6	3	
7	0	-1	0	0	0	0	0	0.2	0.0	0.1	0.0	0.3	2	
8	0	2	0	0	0	0	0	0.6	0.0	0.1	0.0	0.6	2	
9	0	-4	0	-0	0	-0	-0	1.3	1.0	0.2	0.0	2.2	3	
2	14	-3	0	0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2	
7	14	-1	-0	0	0	-0	0	0.2	0.0	0.0	0.0	0.2	2	
8	14	2	-0	0	0	-0	0	0.6	0.3	0.0	0.0	0.8	3	
9	14	-4	0	-0	0	0	-0	1.3	0.3	0.1	0.0	1.6	3	
2	27	-3	-0	0	0	-0	-0	0.9	0.3	0.1	0.0	1.2	3	
7	27	-1	-0	0	0	-0	0	0.2	0.0	0.1	0.0	0.3	2	
8	27	2	-0	0	0	-0	0	0.6	0.0	0.1	0.0	0.6	2	
9	27	-4	-0	-0	0	0	0	1.3	0.0	0.0	0.0	1.3	2	

ASTA NUM. 426 NI 1499 NF 1438 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	1	-0	0	-0	-0	0.3	1.0	0.4	0.0	1.2	3	
7	0	-1	0	-0	0	-0	-0	0.3	0.4	0.3	0.0	0.7	5	
8	0	1	0	-0	0	-0	0	0.5	0.3	0.2	0.0	0.8	3	
9	0	2	1	0	0	0	-0	0.5	1.2	0.5	0.0	1.7	3	
2	14	-1	0	-0	0	-0	0	0.3	0.0	0.1	0.0	0.3	2	
7	14	-1	-0	-0	0	-0	0	0.3	0.0	0.0	0.0	0.3	2	
8	14	1	-0	-0	0	-0	0	0.5	0.4	0.1	0.0	0.9	3	
9	14	2	0	0	0	0	0	0.5	0.4	0.2	0.0	1.0	3	
2	27	-1	-0	-0	0	0	0	0.3	0.0	0.2	0.0	0.5	2	
7	27	-1	-0	-0	0	0	-0	0.3	0.9	0.4	0.0	1.1	5	
8	27	1	-1	-0	0	0	-0	0.5	1.0	0.4	0.0	1.5	1	
9	27	2	-0	0	0	0	0	0.5	0.5	0.1	0.0	1.0	1	

ASTA NUM. 420 NI 1444 NF 3458 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	0	0	-0	-0	1.8	1.1	0.3	0.0	2.8	3	
7	0	1	0	0	0	0	0	0.5	0.0	0.2	0.0	0.6	2	
8	0	9	0	-0	0	0	0	2.8	1.0	0.2	0.0	3.8	3	
9	0	-8	1	0	0	-0	-0	2.8	1.8	0.4	0.0	4.6	3	

2	14	-5	-0	0	0	-0	-0	1.8	0.3	0.0	0.0	2.1	3
7	14	1	-0	0	0	-0	0	0.5	0.4	0.1	0.0	0.9	3
8	14	9	-0	-0	0	0	0	2.8	1.2	0.1	0.0	4.0	3
9	14	-8	0	0	0	-0	-0	2.8	0.7	0.1	0.0	3.5	3
2	27	-5	-0	0	0	-0	-0	1.8	1.2	0.3	0.0	3.0	3
7	27	1	-1	0	0	-0	-0	0.5	0.8	0.4	0.0	1.3	5
8	27	9	-1	-0	0	0	0	2.8	0.0	0.4	0.0	2.9	2
9	27	-8	-0	0	0	-0	-0	2.8	1.1	0.2	0.0	3.9	3

ASTA NUM. 35 NI 3458 NF 3310 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-3	0	-0	0	-0	-0	1.1	0.5	0.1	0.0	1.6	3		
7	0	-2	0	-0	0	-0	0	0.8	0.0	0.1	0.0	0.8	2		
8	0	-1	0	0	0	0	0	0.2	0.0	0.1	0.0	0.2	2		
9	0	-3	0	-0	0	-0	-0	0.9	0.5	0.1	0.0	1.5	3		
2	14	-3	-0	-0	0	-0	-0	1.1	0.3	0.0	0.0	1.4	3		
7	14	-2	-0	-0	0	-0	0	0.8	0.0	0.0	0.0	0.8	2		
8	14	-1	-0	0	0	0	0	0.2	0.0	0.1	0.0	0.2	2		
9	14	-3	0	-0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2		
2	27	-3	-0	-0	0	-0	-0	1.1	0.7	0.1	0.0	1.8	3		
7	27	-2	-0	-0	0	-0	-0	0.8	0.7	0.2	0.0	1.5	3		
8	27	-1	-0	0	0	0	-0	0.2	0.5	0.2	0.0	0.7	3		
9	27	-3	-0	-0	0	-0	-0	0.9	0.5	0.1	0.0	1.4	3		

ASTA NUM. 36 NI 3310 NF 3309 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-6	-0	0	0	-0	-0	2.1	0.6	0.0	0.0	2.7	3		
7	0	-6	-0	0	0	-0	-0	1.8	0.5	0.0	0.0	2.3	3		
8	0	-1	0	-0	0	0	0	0.5	0.0	0.1	0.0	0.5	2		
9	0	-4	0	0	0	-0	-0	1.2	0.4	0.1	0.0	1.6	3		
2	5	-6	-0	0	0	-0	-0	2.1	0.7	0.1	0.0	2.8	3		
7	5	-6	-0	0	0	-0	-0	1.8	0.6	0.1	0.0	2.4	3		
8	5	-1	0	-0	0	0	0	0.5	0.0	0.0	0.0	0.5	2		
9	5	-4	0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3		
2	10	-6	-0	0	0	-0	-0	2.1	0.9	0.1	0.0	3.0	3		
7	10	-6	-0	0	0	-0	-0	1.8	0.8	0.1	0.0	2.6	3		
8	10	-1	-0	-0	0	0	0	0.5	0.0	0.0	0.0	0.5	2		
9	10	-4	-0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3		

ASTA NUM. 33 NI 3309 NF 3308 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-26	0	0	0	-0	-0	8.6	1.5	0.0	0.0	10.1	3		
7	0	-13	0	0	0	-0	-0	4.3	1.3	0.1	0.0	5.6	3		
8	0	27	1	-0	0	0	-0	8.7	0.7	0.5	0.0	9.4	3		
9	0	-6	0	0	0	-0	-0	2.0	1.1	0.2	0.0	3.1	3		
2	27	-26	-0	0	0	-0	-0	8.6	2.5	0.2	0.0	11.1	3		
7	27	-13	-0	0	0	-0	-0	4.3	1.1	0.1	0.0	5.4	3		
8	27	27	0	-0	0	0	0	8.7	3.3	0.3	0.0	12.0	3		
9	27	-6	-0	0	0	-0	-0	2.0	0.3	0.0	0.0	2.3	3		
2	55	-26	-1	0	0	-0	-0	8.6	5.8	0.4	0.0	14.4	3		
7	55	-13	-0	0	0	-0	-0	4.3	3.0	0.3	0.0	7.4	3		
8	55	27	0	-0	0	0	0	8.7	5.1	0.1	0.0	13.8	3		
9	55	-6	-0	0	0	-0	-0	2.0	1.8	0.3	0.0	3.8	3		

ASTA NUM. 34 NI 3308 NF 3312 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-66	-0	-0	0	-0	-0	21.6	5.6	0.0	0.0	27.3	3	
7	0	-31	0	0	0	-0	-0	10.3	2.8	0.1	0.0	13.1	3	
8	0	72	1	0	0	0	0	23.8	5.1	0.4	0.0	28.9	3	
9	0	-14	0	-0	0	-0	-0	4.5	1.9	0.2	0.0	6.4	3	
2	27	-66	-0	-0	0	-0	-0	21.6	6.9	0.2	0.0	28.5	3	
7	27	-31	-0	0	0	-0	-0	10.3	3.1	0.1	0.0	13.4	3	
8	27	72	0	0	0	-0	0	23.8	8.3	0.2	0.0	32.2	3	
9	27	-14	-0	-0	0	0	-0	4.5	1.1	0.0	0.0	5.7	3	
2	55	-66	-1	-0	0	0	-0	21.6	10.3	0.4	0.0	32.0	3	
7	55	-31	-0	0	0	-0	-0	10.3	5.5	0.3	0.0	15.8	3	
8	55	72	-0	0	0	-0	0	23.8	9.5	0.0	0.0	33.3	3	
9	55	-14	-0	-0	0	0	-0	4.5	2.7	0.3	0.0	7.2	3	

ASTA NUM. 37 NI 3312 NF 3311 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-89	-0	0	0	0	-0	29.4	9.4	0.2	0.0	38.7	3	
7	0	-47	-0	-0	0	-0	-0	15.4	4.8	0.2	0.0	20.2	3	
8	0	91	0	-0	0	-0	0	30.0	9.8	0.2	0.0	39.8	3	
9	0	-15	0	0	0	0	-0	5.0	1.7	0.1	0.0	6.7	3	
2	5	-89	-0	0	0	-0	-0	29.4	9.9	0.3	0.0	39.3	3	
7	5	-47	-0	-0	0	0	-0	15.4	5.2	0.2	0.0	20.6	3	
8	5	91	0	-0	0	0	0	30.0	10.2	0.1	0.0	40.2	3	
9	5	-15	-0	0	0	-0	-0	5.0	1.8	0.1	0.0	6.8	3	
2	10	-89	-0	0	0	-0	-0	29.4	10.5	0.3	0.0	39.9	3	
7	10	-47	-0	-0	0	0	-0	15.4	5.7	0.2	0.0	21.1	3	
8	10	91	0	-0	0	0	0	30.0	10.6	0.1	0.0	40.6	3	
9	10	-15	-0	0	0	-0	-0	5.0	2.1	0.1	0.0	7.1	3	

ASTA NUM. 27 NI 3311 NF 3471 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-99	-0	-0	0	-0	-0	32.6	10.5	0.1	0.0	43.0	3	
7	0	-58	-0	0	0	0	-0	19.0	5.5	0.1	0.0	24.5	3	
8	0	93	0	0	0	0	0	30.7	10.6	0.3	0.0	41.2	3	
9	0	-10	0	-0	0	-0	-0	3.3	2.3	0.2	0.0	5.6	3	
2	14	-99	-0	-0	0	0	-0	32.6	11.2	0.2	0.0	43.8	3	
7	14	-58	-0	0	0	-0	-0	19.0	6.5	0.2	0.0	25.5	3	
8	14	93	-0	0	0	-0	0	30.7	11.2	0.3	0.0	41.9	3	
9	14	-10	0	-0	0	0	-0	3.3	1.9	0.2	0.0	5.2	3	
2	27	-99	-0	-0	0	0	-0	32.6	12.9	0.3	0.0	45.5	3	
7	27	-58	-0	0	0	-0	-0	19.0	8.3	0.3	0.0	27.2	3	
8	27	93	-0	0	0	-0	0	30.7	12.1	0.3	0.0	42.8	3	
9	27	-10	0	-0	0	0	-0	3.3	2.8	0.2	0.0	6.1	3	

ASTA NUM. 26 NI 3471 NF 3470 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-103	0	1	0	0	-0	33.8	12.6	0.4	0.0	46.5	3	
7	0	-75	-0	-0	0	-0	-0	24.7	8.1	0.4	0.0	32.8	3	
8	0	80	-0	-1	0	-0	0	26.3	12.0	1.0	0.0	38.3	3	
9	0	11	1	1	0	0	-0	3.5	2.7	1.0	0.0	6.1	3	
2	14	-103	0	1	0	-0	-0	33.8	12.3	0.4	0.0	46.1	3	
7	14	-75	-0	-0	0	0	-0	24.7	9.3	0.4	0.0	34.0	3	
8	14	80	-0	-1	0	0	0	26.3	11.6	1.0	0.0	37.9	3	
9	14	11	0	1	0	-0	0	3.5	4.0	1.0	0.0	7.4	3	
2	27	-103	-0	1	0	-0	-0	33.8	14.5	0.4	0.0	48.4	3	
7	27	-75	-0	-0	0	0	-0	24.7	12.4	0.4	0.0	37.1	3	

8 27 80 -0 -1 0 0 0 26.3 14.9 1.0 0.0 41.2 3
 9 27 11 0 1 0 -0 0 3.5 10.0 1.0 0.0 13.5 3

ASTA NUM. 294 NI 3470 NF 1516 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-75	0	0	0	0	-0	24.7	12.3	0.3	0.0	37.1	3	
7	0	-103	0	-1	0	-0	-0	33.9	14.6	0.4	0.0	48.5	3	
8	0	11	-0	-1	0	-0	0	3.5	10.0	1.0	0.0	13.4	3	
9	0	80	0	1	0	0	0	26.3	15.0	1.0	0.0	41.3	3	
2	14	-75	0	0	0	0	-0	24.7	9.3	0.3	0.0	34.0	3	
7	14	-103	-0	-1	0	-0	-0	33.9	12.3	0.4	0.0	46.2	3	
8	14	11	-0	-1	0	-0	0	3.5	3.9	1.0	0.0	7.4	3	
9	14	80	0	1	0	0	0	26.3	11.6	1.0	0.0	37.9	3	
2	27	-75	0	0	0	-0	-0	24.7	8.1	0.3	0.0	32.8	3	
7	27	-103	-0	-1	0	0	-0	33.9	12.6	0.4	0.0	46.5	3	
8	27	11	-1	-1	0	0	-0	3.5	2.6	1.0	0.0	6.1	3	
9	27	80	0	1	0	-0	0	26.3	12.0	1.0	0.0	38.3	3	

ASTA NUM. 295 NI 1516 NF 1496 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-58	0	-0	0	-0	-0	19.0	8.3	0.3	0.0	27.2	3	
7	0	-99	0	0	0	0	-0	32.5	13.0	0.3	0.0	45.5	3	
8	0	-10	0	0	0	0	-0	3.3	2.8	0.2	0.0	6.1	3	
9	0	93	0	-0	0	-0	0	30.7	12.2	0.3	0.0	42.8	3	
2	14	-58	0	-0	0	-0	-0	19.0	6.5	0.2	0.0	25.5	3	
7	14	-99	0	0	0	0	-0	32.5	11.2	0.2	0.0	43.8	3	
8	14	-10	-0	0	0	0	-0	3.3	1.9	0.2	0.0	5.1	3	
9	14	93	0	-0	0	-0	0	30.7	11.2	0.3	0.0	41.9	3	
2	27	-58	0	-0	0	0	-0	19.0	5.5	0.1	0.0	24.5	3	
7	27	-99	0	0	0	-0	-0	32.5	10.4	0.1	0.0	43.0	3	
8	27	-10	-0	0	0	-0	-0	3.3	2.2	0.2	0.0	5.5	3	
9	27	93	-0	-0	0	0	0	30.7	10.5	0.3	0.0	41.2	3	

ASTA NUM. 30 NI 1496 NF 1493 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-47	0	0	0	0	-0	15.4	5.6	0.2	0.0	21.1	3	
7	0	-89	0	-0	0	-0	-0	29.4	10.6	0.3	0.0	39.9	3	
8	0	-15	0	-0	0	-0	-0	5.0	2.2	0.1	0.0	7.1	3	
9	0	91	-0	0	0	0	0	30.0	10.6	0.1	0.0	40.6	3	
2	5	-47	0	0	0	0	-0	15.4	5.2	0.2	0.0	20.6	3	
7	5	-89	0	-0	0	-0	-0	29.4	9.9	0.3	0.0	39.3	3	
8	5	-15	0	-0	0	-0	-0	5.0	1.8	0.1	0.0	6.8	3	
9	5	91	-0	0	0	0	0	30.0	10.2	0.1	0.0	40.2	3	
2	10	-47	0	0	0	-0	-0	15.4	4.8	0.2	0.0	20.2	3	
7	10	-89	0	-0	0	0	-0	29.4	9.3	0.3	0.0	38.7	3	
8	10	-15	0	-0	0	0	-0	5.0	1.6	0.1	0.0	6.6	3	
9	10	91	-0	0	0	-0	0	30.0	9.8	0.2	0.0	39.7	3	

ASTA NUM. 32 NI 1493 NF 1494 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-31	0	-0	0	-0	-0	10.3	5.5	0.3	0.0	15.8	3	
7	0	-66	1	0	0	0	-0	21.6	10.3	0.4	0.0	31.9	3	
8	0	-14	0	0	0	0	-0	4.5	2.6	0.3	0.0	7.1	3	

9	0	72	0	-0	0	-0	0	23.8	9.4	0.0	0.0	33.2	3
2	27	-31	0	-0	0	-0	-0	10.3	3.1	0.1	0.0	13.4	3
7	27	-66	0	0	0	-0	-0	21.6	6.9	0.2	0.0	28.5	3
8	27	-14	0	0	0	0	-0	4.5	1.1	0.0	0.0	5.6	3
9	27	72	-0	-0	0	-0	0	23.8	8.3	0.2	0.0	32.1	3
2	55	-31	-0	-0	0	-0	-0	10.3	2.8	0.1	0.0	13.1	3
7	55	-66	0	0	0	-0	-0	21.6	5.6	0.0	0.0	27.2	3
8	55	-14	-0	0	0	-0	-0	4.5	1.9	0.2	0.0	6.3	3
9	55	72	-1	-0	0	0	0	23.8	5.1	0.4	0.0	28.9	3

ASTA NUM. 31 NI 1494 NF 1495 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-13	0	-0	0	-0	-0	4.3	3.0	0.3	0.0	7.4	3			
7	0	-26	1	-0	0	-0	-0	8.6	5.8	0.4	0.0	14.4	3			
8	0	-6	0	-0	0	-0	-0	2.0	1.8	0.3	0.0	3.8	3			
9	0	27	-0	0	0	0	0	8.7	5.1	0.1	0.0	13.8	3			
2	27	-13	0	-0	0	-0	-0	4.3	1.1	0.1	0.0	5.4	3			
7	27	-26	0	-0	0	-0	-0	8.6	2.5	0.2	0.0	11.1	3			
8	27	-6	0	-0	0	-0	-0	2.0	0.3	0.0	0.0	2.3	3			
9	27	27	-0	0	0	0	0	8.7	3.3	0.3	0.0	12.0	3			
2	55	-13	-0	-0	0	-0	-0	4.3	1.3	0.1	0.0	5.6	3			
7	55	-26	-0	-0	0	-0	-0	8.6	1.5	0.0	0.0	10.1	3			
8	55	-6	-0	-0	0	-0	-0	2.0	1.1	0.2	0.0	3.0	3			
9	55	27	-1	0	0	0	-0	8.7	0.7	0.5	0.0	9.4	3			

ASTA NUM. 29 NI 1495 NF 1497 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-6	0	-0	0	-0	-0	1.8	0.8	0.1	0.0	2.6	3			
7	0	-6	0	-0	0	-0	-0	2.1	0.9	0.1	0.0	3.0	3			
8	0	-4	0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3			
9	0	-1	0	0	0	0	0	0.5	0.0	0.0	0.0	0.5	2			
2	5	-6	0	-0	0	-0	-0	1.8	0.6	0.1	0.0	2.4	3			
7	5	-6	0	-0	0	-0	-0	2.1	0.7	0.1	0.0	2.8	3			
8	5	-4	-0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3			
9	5	-1	-0	0	0	0	0	0.5	0.0	0.0	0.0	0.5	2			
2	10	-6	0	-0	0	-0	-0	1.8	0.5	0.0	0.0	2.3	3			
7	10	-6	0	-0	0	-0	-0	2.1	0.6	0.0	0.0	2.7	3			
8	10	-4	-0	-0	0	-0	-0	1.2	0.4	0.1	0.0	1.6	3			
9	10	-1	-0	0	0	0	0	0.5	0.0	0.1	0.0	0.5	2			

ASTA NUM. 28 NI 1497 NF 1491 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-2	0	0	0	-0	-0	0.8	0.7	0.2	0.0	1.5	3			
7	0	-3	0	0	0	-0	-0	1.1	0.7	0.1	0.0	1.8	3			
8	0	-3	0	0	0	-0	-0	0.9	0.5	0.1	0.0	1.4	3			
9	0	-1	0	-0	0	0	-0	0.2	0.5	0.2	0.0	0.7	3			
2	14	-2	0	0	0	-0	0	0.8	0.0	0.0	0.0	0.8	2			
7	14	-3	0	0	0	-0	-0	1.1	0.3	0.0	0.0	1.4	3			
8	14	-3	-0	0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2			
9	14	-1	0	-0	0	0	0	0.2	0.0	0.1	0.0	0.2	2			
2	27	-2	-0	0	0	-0	0	0.8	0.0	0.1	0.0	0.8	2			
7	27	-3	-0	0	0	-0	-0	1.1	0.5	0.1	0.0	1.6	3			
8	27	-3	-0	0	0	-0	-0	0.9	0.5	0.1	0.0	1.5	3			
9	27	-1	-0	-0	0	0	0	0.2	0.0	0.1	0.0	0.2	2			

ASTA NUM. 423 NI 1491 NF 3524 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1	1	-0	0	-0	-0	0.5	0.8	0.4	0.0	1.3	5	
7	0	-5	0	-0	0	-0	-0	1.8	1.2	0.3	0.0	3.0	3	
8	0	-9	0	-0	0	-0	-0	2.8	1.1	0.2	0.0	3.9	3	
9	0	9	1	0	0	0	0	2.8	0.0	0.4	0.0	2.9	2	
2	14	1	0	-0	0	-0	0	0.5	0.4	0.1	0.0	0.9	3	
7	14	-5	0	-0	0	-0	-0	1.8	0.4	0.0	0.0	2.1	3	
8	14	-9	-0	-0	0	-0	-0	2.8	0.7	0.1	0.0	3.5	3	
9	14	9	0	0	0	0	0	2.8	1.2	0.1	0.0	4.1	3	
2	27	1	-0	-0	0	0	0	0.5	0.0	0.2	0.0	0.6	2	
7	27	-5	-0	-0	0	0	-0	1.8	1.1	0.3	0.0	2.9	1	
8	27	-9	-1	-0	0	0	-0	2.8	1.8	0.4	0.0	4.6	1	
9	27	9	-0	0	0	0	0	2.8	1.0	0.2	0.0	3.9	1	

ASTA NUM. 421 NI 1445 NF 3456 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	1	0	0	-0	-0	0.9	1.2	0.4	0.0	2.0	3	
7	0	2	0	0	0	0	0	0.8	0.0	0.2	0.0	0.9	2	
8	0	6	0	-0	0	0	0	1.9	1.1	0.1	0.0	3.0	3	
9	0	-7	1	0	0	-0	-0	2.2	2.0	0.5	0.0	4.2	3	
2	14	-3	0	0	0	-0	0	0.9	0.0	0.1	0.0	0.9	2	
7	14	2	-0	0	0	-0	0	0.8	0.5	0.1	0.0	1.3	3	
8	14	6	-0	-0	0	0	0	1.9	0.9	0.2	0.0	2.8	3	
9	14	-7	0	0	0	-0	-0	2.2	0.5	0.1	0.0	2.7	3	
2	27	-3	-0	0	0	-0	-0	0.9	0.5	0.2	0.0	1.4	3	
7	27	2	-1	0	0	-0	-0	0.8	0.7	0.4	0.0	1.4	5	
8	27	6	-1	-0	0	0	-0	1.9	1.0	0.5	0.0	2.8	3	
9	27	-7	-0	0	0	-0	-0	2.2	0.6	0.2	0.0	2.8	3	

ASTA NUM. 40 NI 3456 NF 3313 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	-0	0	-0	-0	0.3	0.4	0.1	0.0	0.7	3	
7	0	-2	0	-0	0	-0	0	0.6	0.0	0.1	0.0	0.6	2	
8	0	-3	0	0	0	0	0	1.0	0.0	0.0	0.0	1.0	2	
9	0	-1	0	-0	0	-0	-0	0.3	0.5	0.1	0.0	0.8	3	
2	14	-1	0	-0	0	-0	0	0.3	0.0	0.0	0.0	0.4	2	
7	14	-2	-0	-0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2	
8	14	-3	-0	0	0	0	0	1.0	0.0	0.1	0.0	1.0	2	
9	14	-1	0	-0	0	-0	0	0.3	0.0	0.0	0.0	0.3	2	
2	27	-1	-0	-0	0	-0	0	0.3	0.0	0.1	0.0	0.4	2	
7	27	-2	-0	-0	0	-0	-0	0.6	0.6	0.2	0.0	1.2	3	
8	27	-3	-0	0	0	0	-0	1.0	1.0	0.2	0.0	2.0	3	
9	27	-1	-0	-0	0	-0	0	0.3	0.0	0.1	0.0	0.3	2	

ASTA NUM. 39 NI 3313 NF 3316 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	-0	-0	0.9	0.4	0.1	0.0	1.3	3	
7	0	-5	-0	-0	0	-0	-0	1.5	0.5	0.0	0.0	2.0	3	
8	0	-5	-0	-0	0	0	-0	1.7	0.5	0.0	0.0	2.1	3	
9	0	-0	0	0	0	-0	-0	0.1	0.3	0.2	0.0	0.4	5	
2	5	-3	0	0	0	-0	-0	0.9	0.3	0.0	0.0	1.2	3	
7	5	-5	-0	-0	0	-0	-0	1.5	0.5	0.0	0.0	2.0	3	
8	5	-5	-0	-0	0	0	-0	1.7	0.6	0.1	0.0	2.2	3	
9	5	-0	0	0	0	-0	0	0.1	0.0	0.1	0.0	0.3	2	
2	10	-3	-0	0	0	-0	-0	0.9	0.3	0.0	0.0	1.2	3	

7	10	-5	-0	-0	0	-0	-0	1.5	0.6	0.1	0.0	2.2	3
8	10	-5	-0	-0	0	0	-0	1.7	0.7	0.1	0.0	2.4	3
9	10	-0	0	0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2

ASTA NUM. 42 NI 3316 NF 3315 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-22	0	0	0	-0	-0	7.2	1.3	0.0	0.0	8.6	3	
7	0	-12	0	0	0	-0	-0	3.9	1.3	0.1	0.0	5.2	3	
8	0	23	1	-0	0	0	-0	7.5	0.9	0.5	0.0	8.3	3	
9	0	-3	0	0	0	-0	-0	0.9	0.9	0.2	0.0	1.9	3	
2	27	-22	-0	0	0	-0	-0	7.2	2.1	0.2	0.0	9.3	3	
7	27	-12	-0	0	0	-0	-0	3.9	0.9	0.1	0.0	4.8	3	
8	27	23	0	-0	0	0	0	7.5	2.9	0.3	0.0	10.4	3	
9	27	-3	-0	0	0	-0	0	0.9	0.0	0.0	0.0	1.0	2	
2	55	-22	-1	0	0	-0	-0	7.2	5.0	0.4	0.0	12.2	3	
7	55	-12	-0	0	0	-0	-0	3.9	2.8	0.3	0.0	6.6	3	
8	55	23	0	-0	0	0	0	7.5	4.4	0.0	0.0	11.9	3	
9	55	-3	-0	0	0	-0	-0	0.9	1.2	0.2	0.0	2.1	3	

ASTA NUM. 41 NI 3315 NF 3314 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-61	-0	-0	0	-0	-0	20.0	5.2	0.0	0.0	25.2	3	
7	0	-28	0	0	0	-0	-0	9.2	2.8	0.1	0.0	12.0	3	
8	0	70	1	0	0	0	0	23.1	4.5	0.5	0.0	27.6	3	
9	0	-12	0	-0	0	-0	-0	3.9	1.4	0.1	0.0	5.3	3	
2	27	-61	-0	-0	0	-0	-0	20.0	6.3	0.2	0.0	26.4	3	
7	27	-28	-0	0	0	-0	-0	9.2	2.7	0.1	0.0	12.0	3	
8	27	70	0	0	0	-0	0	23.1	8.1	0.2	0.0	31.2	3	
9	27	-12	-0	-0	0	0	-0	3.9	1.0	0.1	0.0	4.9	3	
2	55	-61	-1	-0	0	0	-0	20.0	9.7	0.4	0.0	29.7	3	
7	55	-28	-0	0	0	-0	-0	9.2	4.9	0.3	0.0	14.1	3	
8	55	70	0	0	0	-0	0	23.1	9.5	0.0	0.0	32.6	3	
9	55	-12	-0	-0	0	0	-0	3.9	2.8	0.3	0.0	6.8	3	

ASTA NUM. 38 NI 3314 NF 3318 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-88	0	0	0	0	-0	29.0	9.9	0.2	0.0	38.9	3	
7	0	-38	0	-0	0	-0	-0	12.7	4.3	0.1	0.0	17.0	3	
8	0	100	-0	-0	0	-0	0	32.9	11.2	0.1	0.0	44.1	3	
9	0	-25	0	0	0	0	-0	8.1	3.0	0.2	0.0	11.1	3	
2	5	-88	0	0	0	-0	-0	29.0	9.8	0.1	0.0	38.8	3	
7	5	-38	0	-0	0	0	-0	12.7	4.2	0.0	0.0	16.9	3	
8	5	100	-0	-0	0	0	0	32.9	11.1	0.1	0.0	44.0	3	
9	5	-25	0	0	0	-0	-0	8.1	2.8	0.1	0.0	10.9	3	
2	10	-88	0	0	0	-0	-0	29.0	9.7	0.1	0.0	38.7	3	
7	10	-38	-0	-0	0	0	-0	12.7	4.3	0.0	0.0	17.0	3	
8	10	100	-0	-0	0	0	0	32.9	11.1	0.1	0.0	44.0	3	
9	10	-25	0	0	0	-0	-0	8.1	2.8	0.1	0.0	10.9	3	

ASTA NUM. 49 NI 3318 NF 3317 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-113	-0	-0	0	-0	-0	37.0	10.8	0.3	0.0	47.8	3	
7	0	-44	0	0	0	0	-0	14.6	5.3	0.1	0.0	19.8	3	

8	0	127	1	0	0	0	0	41.8	11.3	0.7	0.0	53.1	3
9	0	-44	-0	-0	0	-0	-0	14.5	3.0	0.4	0.0	17.4	3
2	14	-113	-1	-0	0	0	-0	37.0	12.5	0.4	0.0	49.6	3
7	14	-44	0	0	0	-0	-0	14.6	5.2	0.1	0.0	19.8	3
8	14	127	1	0	0	-0	1	41.8	14.9	0.6	0.0	56.8	3
9	14	-44	-1	-0	0	0	-0	14.5	5.6	0.5	0.0	20.1	3
2	27	-113	-1	-0	0	0	-1	37.0	15.3	0.5	0.0	52.3	3
7	27	-44	-0	0	0	-0	-0	14.6	5.9	0.1	0.0	20.4	3
8	27	127	1	0	0	-0	1	41.8	18.8	0.5	0.0	60.7	3
9	27	-44	-1	-0	0	0	-0	14.5	9.6	0.6	0.0	24.0	3

ASTA NUM. 299 NI 3317 NF 1518 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-183	-2	0	0	0	-0	60.1	11.9	1.7	0.0	72.0	3	
7	0	-34	1	-1	0	-0	-0	11.3	9.6	1.0	0.0	20.9	3	
8	0	232	5	-1	0	-0	0	76.3	9.9	3.6	0.0	86.3	3	
9	0	-139	-4	1	0	0	0	45.7	3.7	3.3	0.0	49.4	3	
2	14	-183	-2	0	0	-0	-1	60.1	20.9	1.8	0.0	81.0	3	
7	14	-34	1	-1	0	0	-0	11.3	5.0	0.9	0.0	16.3	3	
8	14	232	5	-1	0	0	1	76.3	28.4	3.5	0.0	104.7	3	
9	14	-139	-5	1	0	-0	-1	45.7	18.0	3.4	0.0	63.7	3	
2	27	-183	-3	0	0	-0	-1	60.1	31.9	1.9	0.0	92.0	3	
7	27	-34	1	-1	0	0	0	11.3	4.4	0.8	0.0	15.7	3	
8	27	232	5	-1	0	0	2	76.3	50.6	3.4	0.0	126.9	3	
9	27	-139	-5	1	0	-0	-1	45.7	40.2	3.5	0.0	85.9	3	

ASTA NUM. 298 NI 1518 NF 1488 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-34	-1	1	0	0	0	11.3	4.5	0.8	0.0	15.8	3	
7	0	-182	3	-0	0	-0	-1	60.0	31.7	1.9	0.0	91.7	3	
8	0	-139	5	-1	0	-0	-1	45.6	40.1	3.5	0.0	85.7	3	
9	0	232	-5	1	0	0	2	76.2	50.5	3.4	0.0	126.7	3	
2	14	-34	-1	1	0	0	-0	11.3	5.0	0.9	0.0	16.3	3	
7	14	-182	2	-0	0	-0	-1	60.0	20.8	1.8	0.0	80.8	3	
8	14	-139	5	-1	0	-0	-1	45.6	17.9	3.4	0.0	63.5	3	
9	14	232	-5	1	0	0	1	76.2	28.3	3.5	0.0	104.6	3	
2	27	-34	-1	1	0	-0	-0	11.3	9.6	1.0	0.0	20.9	3	
7	27	-182	2	-0	0	0	-0	60.0	11.8	1.7	0.0	71.8	3	
8	27	-139	4	-1	0	0	0	45.6	3.7	3.3	0.0	49.3	3	
9	27	232	-5	1	0	-0	0	76.2	9.9	3.6	0.0	86.2	3	

ASTA NUM. 45 NI 1488 NF 1486 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-44	0	-0	0	-0	-0	14.5	5.9	0.1	0.0	20.4	3	
7	0	-112	1	0	0	0	-1	37.0	15.2	0.5	0.0	52.2	3	
8	0	-44	1	0	0	0	-0	14.4	9.5	0.6	0.0	23.9	3	
9	0	127	-1	-0	0	-0	1	41.8	18.8	0.5	0.0	60.6	3	
2	14	-44	-0	-0	0	-0	-0	14.5	5.2	0.1	0.0	19.7	3	
7	14	-112	1	0	0	0	-0	37.0	12.5	0.4	0.0	49.5	3	
8	14	-44	1	0	0	0	-0	14.4	5.6	0.5	0.0	20.0	3	
9	14	127	-1	-0	0	-0	1	41.8	14.9	0.6	0.0	56.7	3	
2	27	-44	-0	-0	0	0	-0	14.5	5.3	0.1	0.0	19.8	3	
7	27	-112	0	0	0	-0	-0	37.0	10.8	0.3	0.0	47.8	3	
8	27	-44	0	0	0	0	-0	14.4	3.0	0.4	0.0	17.4	3	
9	27	127	-1	-0	0	0	0	41.8	11.3	0.7	0.0	53.1	3	

ASTA NUM. 46 NI 1486 NF 1487 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-38	0	0	0	0	-0	12.7	4.3	0.0	0.0	17.0	3	
7	0	-88	-0	-0	0	-0	-0	29.0	9.7	0.1	0.0	38.6	3	
8	0	-24	-0	-0	0	-0	-0	8.0	2.8	0.1	0.0	10.8	3	
9	0	100	0	0	0	0	0	32.8	11.1	0.2	0.0	43.9	3	
2	5	-38	-0	0	0	0	-0	12.7	4.2	0.0	0.0	16.9	3	
7	5	-88	-0	-0	0	-0	-0	29.0	9.8	0.1	0.0	38.8	3	
8	5	-24	-0	-0	0	-0	-0	8.0	2.8	0.2	0.0	10.8	3	
9	5	100	0	0	0	0	0	32.8	11.1	0.1	0.0	44.0	3	
2	10	-38	-0	0	0	-0	-0	12.7	4.3	0.1	0.0	17.0	3	
7	10	-88	-0	-0	0	-0	-0	29.0	9.9	0.2	0.0	38.9	3	
8	10	-24	-0	-0	0	0	-0	8.0	3.1	0.2	0.0	11.1	3	
9	10	100	0	0	0	-0	0	32.8	11.2	0.1	0.0	44.0	3	

ASTA NUM. 43 NI 1487 NF 1489 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-28	0	-0	0	-0	-0	9.2	4.9	0.3	0.0	14.1	3	
7	0	-61	1	0	0	-0	-0	20.0	9.7	0.4	0.0	29.7	3	
8	0	-12	0	0	0	0	-0	3.9	2.8	0.3	0.0	6.7	3	
9	0	70	-0	-0	0	-0	0	23.1	9.5	0.0	0.0	32.6	3	
2	27	-28	0	-0	0	-0	-0	9.2	2.7	0.1	0.0	12.0	3	
7	27	-61	0	0	0	-0	-0	20.0	6.4	0.2	0.0	26.4	3	
8	27	-12	0	0	0	0	-0	3.9	1.0	0.1	0.0	4.9	3	
9	27	70	-0	-0	0	-0	0	23.1	8.1	0.2	0.0	31.1	3	
2	55	-28	-0	-0	0	-0	-0	9.2	2.8	0.1	0.0	12.0	3	
7	55	-61	0	0	0	-0	-0	20.0	5.2	0.0	0.0	25.2	3	
8	55	-12	-0	0	0	-0	-0	3.9	1.4	0.1	0.0	5.3	3	
9	55	70	-1	-0	0	0	0	23.1	4.5	0.5	0.0	27.6	3	

ASTA NUM. 44 NI 1489 NF 1485 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	0	-0	0	-0	-0	3.9	2.8	0.3	0.0	6.6	3	
7	0	-22	1	-0	0	-0	-0	7.2	5.0	0.4	0.0	12.2	3	
8	0	-3	0	-0	0	-0	-0	0.9	1.2	0.2	0.0	2.1	3	
9	0	23	-0	0	0	0	0	7.4	4.4	0.0	0.0	11.8	3	
2	27	-12	0	-0	0	-0	-0	3.9	0.9	0.1	0.0	4.8	3	
7	27	-22	0	-0	0	-0	-0	7.2	2.1	0.2	0.0	9.3	3	
8	27	-3	0	-0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2	
9	27	23	-0	0	0	0	0	7.4	2.9	0.3	0.0	10.3	3	
2	55	-12	-0	-0	0	-0	-0	3.9	1.3	0.1	0.0	5.2	3	
7	55	-22	-0	-0	0	-0	-0	7.2	1.3	0.0	0.0	8.5	3	
8	55	-3	-0	-0	0	-0	-0	0.9	0.9	0.2	0.0	1.8	3	
9	55	23	-1	0	0	0	-0	7.4	0.9	0.5	0.0	8.3	3	

ASTA NUM. 47 NI 1485 NF 1483 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	0	0	-0	-0	1.5	0.6	0.1	0.0	2.2	3	
7	0	-3	0	-0	0	-0	-0	0.9	0.3	0.0	0.0	1.2	3	
8	0	-0	-0	-0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2	
9	0	-5	0	0	0	0	-0	1.7	0.8	0.1	0.0	2.4	3	
2	5	-5	0	0	0	-0	-0	1.5	0.5	0.0	0.0	2.0	3	
7	5	-3	-0	-0	0	-0	-0	0.9	0.3	0.0	0.0	1.2	3	
8	5	-0	-0	-0	0	-0	0	0.1	0.0	0.1	0.0	0.3	2	
9	5	-5	0	0	0	0	-0	1.7	0.6	0.1	0.0	2.3	3	

2	10	-5	0	0	0	-0	-0	1.5	0.5	0.0	0.0	2.0	3
7	10	-3	-0	-0	0	-0	-0	0.9	0.4	0.1	0.0	1.3	3
8	10	-0	-0	-0	0	-0	-0	0.1	0.3	0.2	0.0	0.4	5
9	10	-5	0	0	0	0	-0	1.7	0.5	0.0	0.0	2.1	3

ASTA NUM. 48 NI 1483 NF 1484 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	-0	-0	0.6	0.6	0.2	0.0	1.2	3	
7	0	-1	0	0	0	-0	0	0.3	0.0	0.1	0.0	0.4	2	
8	0	-1	0	0	0	-0	0	0.3	0.0	0.1	0.0	0.3	2	
9	0	-3	0	-0	0	0	-0	1.0	1.0	0.2	0.0	2.0	3	
2	14	-2	0	0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2	
7	14	-1	-0	0	0	-0	0	0.3	0.0	0.0	0.0	0.4	2	
8	14	-1	-0	0	0	-0	0	0.3	0.0	0.0	0.0	0.3	2	
9	14	-3	0	-0	0	0	0	1.0	0.0	0.1	0.0	1.0	2	
2	27	-2	-0	0	0	-0	0	0.6	0.0	0.1	0.0	0.6	2	
7	27	-1	-0	0	0	-0	-0	0.3	0.4	0.1	0.0	0.7	3	
8	27	-1	-0	0	0	-0	-0	0.3	0.5	0.2	0.0	0.8	3	
9	27	-3	-0	-0	0	0	0	1.0	0.0	0.0	0.0	1.0	2	

ASTA NUM. 422 NI 1484 NF 3523 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	1	-0	0	-0	-0	0.8	0.7	0.4	0.0	1.4	5	
7	0	-3	0	-0	0	-0	-0	0.9	0.5	0.2	0.0	1.4	3	
8	0	-7	0	-0	0	-0	-0	2.2	0.6	0.2	0.0	2.8	3	
9	0	6	1	0	0	0	-0	1.9	1.0	0.5	0.0	2.8	3	
2	14	2	0	-0	0	-0	0	0.8	0.5	0.1	0.0	1.3	3	
7	14	-3	-0	-0	0	-0	0	0.9	0.0	0.1	0.0	0.9	2	
8	14	-7	-0	-0	0	-0	-0	2.2	0.5	0.1	0.0	2.7	3	
9	14	6	0	0	0	0	0	1.9	0.9	0.2	0.0	2.8	3	
2	27	2	-0	-0	0	0	0	0.8	0.0	0.2	0.0	0.9	2	
7	27	-3	-1	-0	0	0	-0	0.9	1.2	0.4	0.0	2.0	1	
8	27	-7	-1	-0	0	0	-0	2.2	2.0	0.5	0.0	4.3	1	
9	27	6	-0	0	0	0	0	1.9	1.2	0.1	0.0	3.0	1	

ASTA NUM. 410 NI 1447 NF 3452 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	-0	0	-0	-0	2.1	1.2	0.3	0.0	3.3	3	
7	0	2	0	0	0	0	0	0.8	0.0	0.2	0.0	0.9	2	
8	0	10	0	0	0	0	0	3.3	1.3	0.2	0.0	4.6	3	
9	0	-12	1	-0	0	-0	-0	3.9	2.3	0.4	0.0	6.2	3	
2	14	-6	-0	-0	0	0	-0	2.1	0.5	0.0	0.0	2.6	3	
7	14	2	-0	0	0	0	0	0.8	0.5	0.1	0.0	1.3	3	
8	14	10	-0	0	0	-0	0	3.3	1.4	0.1	0.0	4.7	3	
9	14	-12	0	-0	0	0	-0	3.9	1.1	0.1	0.0	5.0	3	
2	27	-6	-0	-0	0	0	-0	2.1	1.3	0.3	0.0	3.4	3	
7	27	2	-1	0	0	-0	-0	0.8	0.8	0.4	0.0	1.5	5	
8	27	10	-1	0	0	-0	0	3.3	0.0	0.5	0.0	3.4	2	
9	27	-12	-0	-0	0	0	-0	3.9	1.4	0.2	0.0	5.3	3	

ASTA NUM. 59 NI 3452 NF 3321 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	0	-0	1.1	0.5	0.1	0.0	1.7	3	

7	0	-2	0	-0	0	-0	0	0.8	0.0	0.1	0.0	0.8	2
8	0	-1	0	-0	0	-0	0	0.2	0.0	0.0	0.0	0.3	2
9	0	-3	0	0	0	0	-0	1.1	0.7	0.1	0.0	1.8	3
2	14	-3	-0	0	0	0	-0	1.1	0.3	0.0	0.0	1.5	3
7	14	-2	-0	-0	0	0	0	0.8	0.0	0.1	0.0	0.8	2
8	14	-1	-0	-0	0	-0	0	0.2	0.0	0.1	0.0	0.2	2
9	14	-3	0	0	0	0	-0	1.1	0.3	0.0	0.0	1.4	3
2	27	-3	-0	0	0	-0	-0	1.1	0.7	0.1	0.0	1.8	3
7	27	-2	-0	-0	0	0	-0	0.8	0.7	0.2	0.0	1.5	3
8	27	-1	-0	-0	0	0	-0	0.2	0.6	0.2	0.0	0.8	3
9	27	-3	-0	0	0	-0	-0	1.1	0.5	0.1	0.0	1.6	3

ASTA NUM. 60 NI 3321 NF 3320 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	-0	-0	0	-0	-0	2.1	0.6	0.0	0.0	2.7	1	
7	0	-6	-0	0	0	0	-0	1.9	0.5	0.0	0.0	2.4	3	
8	0	-2	0	0	0	0	0	0.6	0.0	0.1	0.0	0.7	2	
9	0	-4	0	-0	0	-0	-0	1.2	0.5	0.1	0.0	1.7	3	
2	5	-6	-0	-0	0	0	-0	2.1	0.7	0.1	0.0	2.8	3	
7	5	-6	-0	0	0	0	-0	1.9	0.6	0.1	0.0	2.5	3	
8	5	-2	0	0	0	-0	0	0.6	0.0	0.0	0.0	0.7	2	
9	5	-4	0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
2	10	-6	-0	-0	0	0	-0	2.1	0.9	0.1	0.0	2.9	3	
7	10	-6	-0	0	0	0	-0	1.9	0.8	0.1	0.0	2.6	3	
8	10	-2	-0	0	0	-0	0	0.6	0.0	0.0	0.0	0.7	2	
9	10	-4	0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.5	3	

ASTA NUM. 57 NI 3320 NF 3319 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-26	0	-0	0	0	-0	8.5	1.5	0.0	0.0	9.9	3	
7	0	-14	0	-0	0	0	-0	4.5	1.3	0.1	0.0	5.8	3	
8	0	25	1	-0	0	-0	-0	8.3	0.7	0.5	0.0	9.0	3	
9	0	-5	0	0	0	0	-0	1.7	1.1	0.2	0.0	2.8	3	
2	27	-26	-0	-0	0	0	-0	8.5	2.5	0.2	0.0	10.9	3	
7	27	-14	-0	-0	0	0	-0	4.5	1.1	0.1	0.0	5.6	3	
8	27	25	0	-0	0	-0	0	8.3	3.2	0.3	0.0	11.4	3	
9	27	-5	-0	0	0	0	0	1.7	0.0	0.0	0.0	1.7	2	
2	55	-26	-1	-0	0	0	-0	8.5	5.7	0.4	0.0	14.1	3	
7	55	-14	-0	-0	0	0	-0	4.5	3.1	0.3	0.0	7.6	3	
8	55	25	0	-0	0	-0	0	8.3	4.8	0.1	0.0	13.1	3	
9	55	-5	-0	0	0	0	-0	1.7	1.6	0.2	0.0	3.3	3	

ASTA NUM. 58 NI 3319 NF 3323 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-65	-0	0	0	0	-0	21.2	5.5	0.0	0.0	26.8	3	
7	0	-32	0	-0	0	0	-0	10.6	2.9	0.1	0.0	13.6	3	
8	0	69	1	-0	0	-0	0	22.9	4.9	0.4	0.0	27.7	3	
9	0	-11	0	0	0	0	-0	3.6	1.7	0.2	0.0	5.3	3	
2	27	-65	-0	0	0	0	-0	21.2	6.7	0.2	0.0	28.0	3	
7	27	-32	-0	-0	0	0	-0	10.6	3.2	0.1	0.0	13.9	3	
8	27	69	0	-0	0	0	0	22.9	8.0	0.2	0.0	30.9	3	
9	27	-11	-0	0	0	-0	-0	3.6	0.9	0.0	0.0	4.5	3	
2	55	-65	-1	0	0	-0	-0	21.2	10.2	0.4	0.0	31.4	3	
7	55	-32	-0	-0	0	0	-0	10.6	5.7	0.4	0.0	16.3	3	
8	55	69	-0	-0	0	0	0	22.9	9.1	0.0	0.0	31.9	3	
9	55	-11	-0	0	0	-0	-0	3.6	2.3	0.2	0.0	5.9	3	

ASTA NUM. 61 NI 3323 NF 3322 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.

qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-88	-0	-0	0	-0	-0	28.9	9.2	0.2	0.0	38.2	3	
7	0	-48	-0	-0	0	0	-0	15.8	4.9	0.2	0.0	20.7	3	
8	0	88	0	0	0	0	0	28.9	9.6	0.1	0.0	38.5	3	
9	0	-12	0	-0	0	-0	-0	4.1	1.5	0.0	0.0	5.5	3	
2	5	-88	-0	-0	0	-0	-0	28.9	9.7	0.3	0.0	38.6	3	
7	5	-48	-0	-0	0	0	-0	15.8	5.3	0.2	0.0	21.1	3	
8	5	88	0	0	0	0	0	28.9	9.8	0.1	0.0	38.7	3	
9	5	-12	-0	-0	0	-0	-0	4.1	1.4	0.0	0.0	5.5	3	
2	10	-88	-0	-0	0	0	-0	28.9	10.2	0.3	0.0	39.1	3	
7	10	-48	-0	-0	0	0	-0	15.8	5.8	0.3	0.0	21.5	3	
8	10	88	0	0	0	0	0	28.9	9.9	0.0	0.0	38.8	3	
9	10	-12	-0	-0	0	-0	-0	4.1	1.5	0.0	0.0	5.5	3	

ASTA NUM. 50 NI 3322 NF 3492 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-98	-0	0	0	0	-0	32.2	10.1	0.1	0.0	42.3	3	
7	0	-59	-0	-0	0	0	-0	19.2	5.6	0.1	0.0	24.9	3	
8	0	90	0	-0	0	0	0	29.8	9.9	0.1	0.0	39.7	3	
9	0	-8	0	0	0	-0	-0	2.5	1.7	0.2	0.0	4.2	3	
2	14	-98	-0	0	0	-0	-0	32.2	10.9	0.2	0.0	43.0	3	
7	14	-59	-0	-0	0	0	-0	19.2	6.4	0.2	0.0	25.7	3	
8	14	90	-0	-0	0	0	0	29.8	10.4	0.1	0.0	40.2	3	
9	14	-8	0	0	0	-0	-0	2.5	1.1	0.1	0.0	3.6	3	
2	27	-98	-0	0	0	-0	-0	32.2	12.2	0.3	0.0	44.4	3	
7	27	-59	-0	-0	0	0	-0	19.2	7.8	0.3	0.0	27.0	3	
8	27	90	-0	-0	0	0	0	29.8	10.4	0.1	0.0	40.1	3	
9	27	-8	0	0	0	-0	-0	2.5	1.1	0.1	0.0	3.7	3	

ASTA NUM. 318 NI 3492 NF 3494 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-102	0	-0	0	-0	-0	33.6	12.0	0.1	0.0	45.6	3	
7	0	-75	-0	0	0	0	-0	24.8	7.6	0.1	0.0	32.4	3	
8	0	79	-0	0	0	0	0	25.8	10.3	0.2	0.0	36.1	3	
9	0	12	1	-0	0	-0	-0	3.8	1.0	0.4	0.0	4.8	3	
2	14	-102	0	-0	0	0	-0	33.6	11.2	0.1	0.0	44.8	3	
7	14	-75	-0	0	0	-0	-0	24.8	8.3	0.2	0.0	33.1	3	
8	14	79	-0	0	0	-0	0	25.8	8.9	0.2	0.0	34.7	3	
9	14	12	0	-0	0	0	0	3.8	1.5	0.3	0.0	5.3	3	
2	27	-102	-0	-0	0	0	-0	33.6	11.9	0.1	0.0	45.5	3	
7	27	-75	-0	0	0	-0	-0	24.8	9.7	0.3	0.0	34.5	3	
8	27	79	-0	0	0	-0	0	25.8	8.3	0.3	0.0	34.2	3	
9	27	12	0	-0	0	0	0	3.8	3.5	0.2	0.0	7.3	3	

ASTA NUM. 319 NI 3494 NF 3493 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-76	0	-0	0	-0	-0	24.8	9.7	0.3	0.0	34.6	3	
7	0	-102	0	0	0	0	-0	33.6	11.9	0.1	0.0	45.5	3	
8	0	12	-0	0	0	0	0	3.9	3.5	0.2	0.0	7.4	3	
9	0	78	0	-0	0	-0	0	25.8	8.4	0.3	0.0	34.1	3	
2	14	-76	0	-0	0	-0	-0	24.8	8.3	0.2	0.0	33.2	3	
7	14	-102	-0	0	0	0	-0	33.6	11.2	0.1	0.0	44.8	3	
8	14	12	-0	0	0	0	0	3.9	1.5	0.3	0.0	5.4	3	
9	14	78	0	-0	0	-0	0	25.8	8.9	0.2	0.0	34.6	3	

2	27	-76	0	-0	0	0	-0	24.8	7.6	0.1	0.0	32.4	3
7	27	-102	-0	0	0	-0	-0	33.6	11.9	0.1	0.0	45.6	3
8	27	12	-1	0	0	-0	-0	3.9	1.0	0.4	0.0	4.8	3
9	27	78	0	-0	0	0	0	25.8	10.3	0.2	0.0	36.0	3

ASTA NUM. 54 NI 3493 NF 1481 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-59	0	0	0	0	-0	19.3	7.8	0.3	0.0	27.1	3	
7	0	-98	0	-0	0	-0	-0	32.1	12.3	0.3	0.0	44.4	3	
8	0	-7	0	-0	0	-0	-0	2.4	1.2	0.1	0.0	3.6	3	
9	0	90	0	0	0	0	0	29.7	10.4	0.1	0.0	40.1	3	
2	14	-59	0	0	0	0	-0	19.3	6.4	0.2	0.0	25.7	3	
7	14	-98	0	-0	0	-0	-0	32.1	10.9	0.2	0.0	43.0	3	
8	14	-7	-0	-0	0	-0	-0	2.4	1.1	0.1	0.0	3.5	3	
9	14	90	0	0	0	0	0	29.7	10.4	0.1	0.0	40.1	3	
2	27	-59	0	0	0	0	-0	19.3	5.6	0.1	0.0	24.9	3	
7	27	-98	0	-0	0	0	-0	32.1	10.1	0.1	0.0	42.2	3	
8	27	-7	-0	-0	0	-0	-0	2.4	1.6	0.2	0.0	4.0	3	
9	27	90	-0	0	0	0	0	29.7	9.8	0.1	0.0	39.5	3	

ASTA NUM. 53 NI 1481 NF 1478 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-48	0	0	0	0	-0	15.8	5.8	0.3	0.0	21.5	3	
7	0	-88	0	0	0	0	-0	28.9	10.2	0.3	0.0	39.1	3	
8	0	-12	0	0	0	-0	-0	4.0	1.5	0.1	0.0	5.4	3	
9	0	88	-0	-0	0	0	0	28.9	9.9	0.1	0.0	38.7	3	
2	5	-48	0	0	0	0	-0	15.8	5.3	0.2	0.0	21.1	3	
7	5	-88	0	0	0	-0	-0	28.9	9.6	0.3	0.0	38.5	3	
8	5	-12	0	0	0	-0	-0	4.0	1.4	0.0	0.0	5.3	3	
9	5	88	-0	-0	0	0	0	28.9	9.7	0.1	0.0	38.6	3	
2	10	-48	0	0	0	0	-0	15.8	4.9	0.2	0.0	20.7	3	
7	10	-88	0	0	0	-0	-0	28.9	9.2	0.2	0.0	38.1	3	
8	10	-12	-0	0	0	-0	-0	4.0	1.4	0.0	0.0	5.3	3	
9	10	88	-0	-0	0	0	0	28.9	9.5	0.2	0.0	38.3	3	

ASTA NUM. 56 NI 1478 NF 1479 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-32	0	0	0	0	-0	10.7	5.7	0.4	0.0	16.4	3	
7	0	-64	1	-0	0	-0	-0	21.2	10.1	0.4	0.0	31.3	3	
8	0	-11	0	-0	0	-0	-0	3.5	2.3	0.2	0.0	5.8	3	
9	0	69	0	0	0	0	0	22.8	9.0	0.0	0.0	31.8	3	
2	27	-32	0	0	0	0	-0	10.7	3.2	0.1	0.0	13.9	3	
7	27	-64	0	-0	0	0	-0	21.2	6.7	0.2	0.0	27.9	3	
8	27	-11	0	-0	0	-0	-0	3.5	0.8	0.0	0.0	4.4	3	
9	27	69	-0	0	0	0	0	22.8	8.0	0.2	0.0	30.7	3	
2	55	-32	-0	0	0	0	-0	10.7	2.9	0.1	0.0	13.6	3	
7	55	-64	0	-0	0	0	-0	21.2	5.5	0.0	0.0	26.7	3	
8	55	-11	-0	-0	0	0	-0	3.5	1.6	0.2	0.0	5.2	3	
9	55	69	-1	0	0	-0	0	22.8	4.8	0.4	0.0	27.6	3	

ASTA NUM. 55 NI 1479 NF 1480 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-14	0	0	0	0	-0	4.5	3.1	0.3	0.0	7.6	3
7	0	-26	1	0	0	0	-0	8.4	5.7	0.4	0.0	14.1	3
8	0	-5	0	-0	0	0	-0	1.7	1.5	0.2	0.0	3.2	3
9	0	25	-0	0	0	-0	0	8.3	4.8	0.1	0.0	13.0	3
2	27	-14	0	0	0	0	-0	4.5	1.1	0.1	0.0	5.6	3
7	27	-26	0	0	0	0	-0	8.4	2.5	0.2	0.0	10.9	3
8	27	-5	0	-0	0	0	0	1.7	0.0	0.0	0.0	1.7	2
9	27	25	-0	0	0	-0	0	8.3	3.1	0.3	0.0	11.4	3
2	55	-14	-0	0	0	0	-0	4.5	1.3	0.1	0.0	5.8	3
7	55	-26	-0	0	0	0	-0	8.4	1.5	0.0	0.0	9.9	3
8	55	-5	-0	-0	0	0	-0	1.7	1.1	0.2	0.0	2.8	3
9	55	25	-1	0	0	-0	-0	8.3	0.7	0.5	0.0	9.0	3

ASTA NUM. 52 NI 1480 NF 1482 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	-0	0	0	-0	1.9	0.8	0.1	0.0	2.6	3	
7	0	-6	0	0	0	0	-0	2.1	0.9	0.1	0.0	2.9	3	
8	0	-4	-0	0	0	0	-0	1.2	0.4	0.0	0.0	1.5	3	
9	0	-2	0	-0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	
2	5	-6	0	-0	0	0	-0	1.9	0.6	0.1	0.0	2.5	3	
7	5	-6	0	0	0	0	-0	2.1	0.7	0.1	0.0	2.7	3	
8	5	-4	-0	0	0	0	-0	1.2	0.4	0.0	0.0	1.5	3	
9	5	-2	-0	-0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	
2	10	-6	0	-0	0	0	-0	1.9	0.5	0.0	0.0	2.4	3	
7	10	-6	0	0	0	0	-0	2.1	0.6	0.0	0.0	2.7	3	
8	10	-4	-0	0	0	-0	-0	1.2	0.5	0.1	0.0	1.7	3	
9	10	-2	-0	-0	0	0	0	0.7	0.0	0.1	0.0	0.7	2	

ASTA NUM. 51 NI 1482 NF 1476 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.8	0.7	0.2	0.0	1.5	3	
7	0	-3	0	-0	0	0	-0	1.1	0.7	0.1	0.0	1.8	3	
8	0	-3	0	-0	0	-0	-0	1.1	0.4	0.1	0.0	1.6	3	
9	0	-1	0	0	0	0	-0	0.2	0.6	0.2	0.0	0.8	3	
2	14	-2	0	0	0	0	0	0.8	0.0	0.1	0.0	0.8	2	
7	14	-3	0	-0	0	0	-0	1.1	0.3	0.0	0.0	1.4	3	
8	14	-3	-0	-0	0	0	-0	1.1	0.3	0.0	0.0	1.4	3	
9	14	-1	0	0	0	-0	0	0.2	0.0	0.1	0.0	0.3	2	
2	27	-2	-0	0	0	-0	0	0.8	0.0	0.1	0.0	0.8	2	
7	27	-3	-0	-0	0	0	-0	1.1	0.5	0.1	0.0	1.6	3	
8	27	-3	-0	-0	0	0	-0	1.1	0.7	0.1	0.0	1.8	3	
9	27	-1	-0	0	0	-0	0	0.2	0.0	0.0	0.0	0.3	2	

ASTA NUM. 433 NI 1476 NF 3521 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	1	-0	0	-0	-0	0.8	0.8	0.4	0.0	1.5	5	
7	0	-6	0	0	0	0	-0	2.1	1.3	0.3	0.0	3.4	3	
8	0	-12	0	0	0	0	-0	3.9	1.4	0.2	0.0	5.3	3	
9	0	10	1	-0	0	-0	0	3.3	0.0	0.5	0.0	3.4	2	
2	14	2	0	-0	0	-0	0	0.8	0.5	0.1	0.0	1.3	3	
7	14	-6	-0	0	0	0	-0	2.1	0.5	0.0	0.0	2.6	3	
8	14	-12	-0	0	0	0	-0	3.9	1.1	0.1	0.0	5.0	3	
9	14	10	0	-0	0	-0	0	3.3	1.4	0.2	0.0	4.7	3	
2	27	2	-0	-0	0	0	0	0.8	0.0	0.2	0.0	0.9	2	
7	27	-6	-0	0	0	0	-0	2.1	1.2	0.3	0.0	3.4	1	
8	27	-12	-1	0	0	0	-0	3.9	2.4	0.4	0.0	6.3	1	
9	27	10	-0	-0	0	0	0	3.3	1.4	0.2	0.0	4.7	1	

ASTA NUM. 409 NI 1446 NF 3454 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	1	-0	0	-0	-0	1.0	1.2	0.4	0.0	2.2	3	
7	0	3	0	-0	0	0	0	0.9	0.0	0.2	0.0	0.9	2	
8	0	6	0	0	0	0	0	2.0	1.2	0.1	0.0	3.2	3	
9	0	-8	1	-0	0	-0	-0	2.6	2.2	0.5	0.0	4.7	3	
2	14	-3	0	-0	0	0	0	1.0	0.0	0.1	0.0	1.0	2	
7	14	3	-0	-0	0	0	0	0.9	0.6	0.1	0.0	1.4	3	
8	14	6	-0	0	0	-0	0	2.0	1.0	0.2	0.0	2.9	3	
9	14	-8	0	-0	0	0	-0	2.6	0.6	0.2	0.0	3.2	3	
2	27	-3	-0	-0	0	0	-0	1.0	0.5	0.2	0.0	1.5	3	
7	27	3	-1	-0	0	0	-0	0.9	0.6	0.4	0.0	1.5	5	
8	27	6	-1	0	0	-0	-0	2.0	1.0	0.5	0.0	3.0	3	
9	27	-8	-0	-0	0	0	-0	2.6	0.6	0.2	0.0	3.2	3	

ASTA NUM. 64 NI 3454 NF 3324 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	0	0	0	-0	0.3	0.4	0.1	0.0	0.7	3	
7	0	-2	0	-0	0	0	0	0.6	0.0	0.1	0.0	0.6	2	
8	0	-3	0	-0	0	-0	0	1.0	0.0	0.0	0.0	1.0	2	
9	0	-1	0	0	0	0	-0	0.3	0.6	0.2	0.0	0.9	3	
2	14	-1	0	0	0	0	0	0.3	0.0	0.0	0.0	0.4	2	
7	14	-2	-0	-0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
8	14	-3	-0	-0	0	-0	0	1.0	0.0	0.1	0.0	1.0	2	
9	14	-1	0	0	0	0	0	0.3	0.0	0.0	0.0	0.4	2	
2	27	-1	-0	0	0	0	0	0.3	0.0	0.1	0.0	0.4	2	
7	27	-2	-0	-0	0	0	-0	0.6	0.6	0.2	0.0	1.2	3	
8	27	-3	-0	-0	0	0	-0	1.0	1.0	0.2	0.0	2.0	3	
9	27	-1	-0	0	0	-0	0	0.3	0.0	0.1	0.0	0.4	2	

ASTA NUM. 63 NI 3324 NF 3327 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	-0	0	0	-0	0.9	0.4	0.1	0.0	1.3	3	
7	0	-5	-0	0	0	0	-0	1.6	0.5	0.0	0.0	2.0	3	
8	0	-5	-0	0	0	0	-0	1.7	0.5	0.0	0.0	2.2	3	
9	0	-0	0	-0	0	-0	-0	0.1	0.3	0.2	0.0	0.4	5	
2	5	-3	0	-0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3	
7	5	-5	-0	0	0	0	-0	1.6	0.5	0.1	0.0	2.1	3	
8	5	-5	-0	0	0	-0	-0	1.7	0.6	0.1	0.0	2.3	3	
9	5	-0	0	-0	0	0	0	0.1	0.0	0.1	0.0	0.3	2	
2	10	-3	-0	-0	0	0	0	0.9	0.0	0.0	0.0	0.9	2	
7	10	-5	-0	0	0	0	-0	1.6	0.6	0.1	0.0	2.2	3	
8	10	-5	-0	0	0	-0	-0	1.7	0.8	0.1	0.0	2.5	3	
9	10	-0	0	-0	0	0	0	0.1	0.0	0.1	0.0	0.2	2	

ASTA NUM. 66 NI 3327 NF 3326 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-22	0	-0	0	0	-0	7.2	1.3	0.0	0.0	8.5	3	
7	0	-12	0	-0	0	0	-0	3.9	1.3	0.1	0.0	5.2	3	
8	0	22	1	0	0	-0	-0	7.3	0.9	0.5	0.0	8.2	3	
9	0	-2	0	0	0	0	-0	0.8	0.9	0.2	0.0	1.7	3	
2	27	-22	-0	-0	0	0	-0	7.2	2.1	0.2	0.0	9.2	3	
7	27	-12	-0	-0	0	0	-0	3.9	1.0	0.1	0.0	4.9	3	
8	27	22	0	0	0	-0	0	7.3	2.8	0.3	0.0	10.1	3	

9	27	-2	-0	0	0	0	0	0.8	0.0	0.0	0.0	0.8	2
2	55	-22	-1	-0	0	0	-0	7.2	5.0	0.4	0.0	12.1	3
7	55	-12	-0	-0	0	0	-0	3.9	2.8	0.3	0.0	6.7	3
8	55	22	0	0	0	-0	0	7.3	4.3	0.0	0.0	11.6	3
9	55	-2	-0	0	0	0	-0	0.8	1.1	0.2	0.0	1.9	3

ASTA NUM. 65 NI 3326 NF 3325 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-60	-0	0	0	0	-0	19.9	5.1	0.0	0.0	25.0	3			
7	0	-28	0	-0	0	0	-0	9.3	2.9	0.1	0.0	12.2	3			
8	0	69	1	-0	0	-0	0	22.8	4.4	0.5	0.0	27.2	3			
9	0	-11	0	0	0	0	-0	3.7	1.3	0.1	0.0	5.0	3			
2	27	-60	-0	0	0	0	-0	19.9	6.3	0.2	0.0	26.2	3			
7	27	-28	-0	-0	0	0	-0	9.3	2.8	0.1	0.0	12.1	3			
8	27	69	0	-0	0	0	0	22.8	8.0	0.2	0.0	30.8	3			
9	27	-11	-0	0	0	-0	-0	3.7	0.9	0.1	0.0	4.6	3			
2	55	-60	-1	0	0	-0	-0	19.9	9.7	0.4	0.0	29.6	3			
7	55	-28	-0	-0	0	0	-0	9.3	4.9	0.3	0.0	14.2	3			
8	55	69	0	-0	0	0	0	22.8	9.4	0.0	0.0	32.2	3			
9	55	-11	-0	0	0	-0	-0	3.7	2.7	0.3	0.0	6.4	3			

ASTA NUM. 62 NI 3325 NF 3328 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-88	0	-0	0	-0	-0	28.9	9.9	0.2	0.0	38.8	3			
7	0	-39	0	-0	0	0	-0	12.7	4.4	0.1	0.0	17.1	3			
8	0	99	-0	0	0	0	0	32.6	11.1	0.1	0.0	43.7	3			
9	0	-24	0	-0	0	-0	-0	7.8	3.0	0.2	0.0	10.8	3			
2	5	-88	0	-0	0	0	-0	28.9	9.7	0.1	0.0	38.5	3			
7	5	-39	0	-0	0	0	-0	12.7	4.3	0.0	0.0	17.0	3			
8	5	99	-0	0	0	0	0	32.6	11.0	0.1	0.0	43.6	3			
9	5	-24	0	-0	0	-0	-0	7.8	2.7	0.1	0.0	10.5	3			
2	10	-88	0	-0	0	0	-0	28.9	9.5	0.1	0.0	38.4	3			
7	10	-39	-0	-0	0	0	-0	12.7	4.3	0.0	0.0	17.1	3			
8	10	99	-0	0	0	0	0	32.6	10.7	0.1	0.0	43.3	3			
9	10	-24	0	-0	0	-0	-0	7.8	2.4	0.1	0.0	10.2	3			

ASTA NUM. 72 NI 3328 NF 3473 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-112	-0	0	0	0	-0	36.9	10.6	0.3	0.0	47.5	3			
7	0	-44	0	-0	0	0	-0	14.6	5.3	0.1	0.0	19.9	3			
8	0	126	1	-0	0	0	0	41.6	10.9	0.7	0.0	52.5	3			
9	0	-43	-1	0	0	-0	-0	14.3	2.6	0.4	0.0	16.8	3			
2	14	-112	-1	0	0	-0	-0	36.9	12.3	0.4	0.0	49.2	3			
7	14	-44	0	-0	0	0	-0	14.6	5.0	0.0	0.0	19.6	3			
8	14	126	1	-0	0	0	1	41.6	14.4	0.6	0.0	56.0	3			
9	14	-43	-1	0	0	-0	-0	14.3	5.1	0.5	0.0	19.3	3			
2	27	-112	-1	0	0	-0	-1	36.9	14.6	0.5	0.0	51.6	3			
7	27	-44	-0	-0	0	0	-0	14.6	5.3	0.1	0.0	19.9	3			
8	27	126	1	-0	0	0	1	41.6	17.3	0.5	0.0	58.9	3			
9	27	-43	-1	0	0	-0	-0	14.3	8.1	0.6	0.0	22.3	3			

ASTA NUM. 73 NI 3473 NF 3472 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								

2	0	-182	-2	-0	0	-0	-0	60.0	11.2	1.7	0.0	71.3	3
7	0	-34	1	0	0	0	-0	11.3	9.0	1.0	0.0	20.4	3
8	0	232	5	0	0	0	0	76.2	8.4	3.6	0.0	84.6	3
9	0	-139	-4	-0	0	-0	0	45.7	2.3	3.3	0.0	48.0	3
2	14	-182	-2	-0	0	-0	-1	60.0	20.1	1.8	0.0	80.2	3
7	14	-34	1	0	0	-0	-0	11.3	3.9	0.9	0.0	15.3	3
8	14	232	5	0	0	-0	1	76.2	25.7	3.5	0.0	101.9	3
9	14	-139	-5	-0	0	0	-1	45.7	15.4	3.4	0.0	61.1	3
2	27	-182	-3	-0	0	-0	-1	60.0	29.5	1.9	0.0	89.6	3
7	27	-34	1	0	0	-0	0	11.3	1.8	0.8	0.0	13.1	3
8	27	232	5	0	0	-0	2	76.2	43.9	3.4	0.0	120.1	3
9	27	-139	-5	-0	0	0	-1	45.7	33.7	3.5	0.0	79.4	3

ASTA NUM. 300 NI 3472 NF 1519 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-34	-1	-0	0	-0	0	11.3	1.9	0.8	0.0	13.2	3	
7	0	-182	3	-0	0	-0	-1	59.9	29.6	1.9	0.0	89.5	3	
8	0	-138	5	0	0	0	-1	45.5	33.6	3.5	0.0	79.1	3	
9	0	231	-5	-0	0	-0	2	76.1	43.8	3.4	0.0	119.9	3	
2	14	-34	-1	-0	0	-0	-0	11.3	4.0	0.9	0.0	15.3	3	
7	14	-182	2	-0	0	-0	-1	59.9	20.1	1.8	0.0	80.1	3	
8	14	-138	5	0	0	0	-1	45.5	15.4	3.4	0.0	60.9	3	
9	14	231	-5	-0	0	-0	1	76.1	25.7	3.5	0.0	101.8	3	
2	27	-34	-1	-0	0	0	-0	11.3	9.1	1.0	0.0	20.4	3	
7	27	-182	2	-0	0	-0	-0	59.9	11.2	1.7	0.0	71.2	3	
8	27	-138	4	0	0	-0	0	45.5	2.3	3.3	0.0	47.8	3	
9	27	231	-5	-0	0	0	0	76.1	8.4	3.6	0.0	84.5	3	

ASTA NUM. 301 NI 1519 NF 1472 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-44	0	0	0	0	-0	14.6	5.3	0.1	0.0	19.9	3	
7	0	-112	1	-0	0	-0	-1	36.9	14.6	0.5	0.0	51.5	3	
8	0	-43	1	-0	0	-0	-0	14.2	8.0	0.6	0.0	22.2	3	
9	0	126	-1	0	0	0	1	41.6	17.2	0.5	0.0	58.8	3	
2	14	-44	-0	0	0	0	-0	14.6	5.0	0.0	0.0	19.6	3	
7	14	-112	1	-0	0	-0	-0	36.9	12.3	0.4	0.0	49.2	3	
8	14	-43	1	-0	0	-0	-0	14.2	5.0	0.5	0.0	19.2	3	
9	14	126	-1	0	0	0	1	41.6	14.3	0.6	0.0	55.9	3	
2	27	-44	-0	0	0	0	-0	14.6	5.3	0.1	0.0	19.9	3	
7	27	-112	0	-0	0	-0	-0	36.9	10.6	0.3	0.0	47.5	3	
8	27	-43	0	-0	0	-0	-0	14.2	2.6	0.4	0.0	16.8	3	
9	27	126	-1	0	0	0	0	41.6	10.9	0.7	0.0	52.5	3	

ASTA NUM. 69 NI 1472 NF 1473 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-39	0	0	0	0	-0	12.7	4.3	0.0	0.0	17.1	3	
7	0	-88	-0	0	0	0	-0	28.9	9.4	0.1	0.0	38.3	3	
8	0	-24	-0	0	0	-0	-0	7.8	2.3	0.1	0.0	10.1	3	
9	0	99	0	-0	0	0	0	32.6	10.7	0.2	0.0	43.2	3	
2	5	-39	-0	0	0	0	-0	12.7	4.3	0.0	0.0	17.0	3	
7	5	-88	-0	0	0	0	-0	28.9	9.6	0.1	0.0	38.5	3	
8	5	-24	-0	0	0	-0	-0	7.8	2.6	0.2	0.0	10.4	3	
9	5	99	0	-0	0	0	0	32.6	10.9	0.1	0.0	43.5	3	
2	10	-39	-0	0	0	0	-0	12.7	4.4	0.1	0.0	17.1	3	
7	10	-88	-0	0	0	-0	-0	28.9	9.9	0.2	0.0	38.8	3	
8	10	-24	-0	0	0	-0	-0	7.8	3.0	0.2	0.0	10.8	3	
9	10	99	0	-0	0	0	0	32.6	11.1	0.1	0.0	43.7	3	

ASTA NUM. 67 NI 1473 NF 1474 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-28	0	0	0	0	-0	9.3	4.9	0.3	0.0	14.2	3	
7	0	-60	1	-0	0	-0	-0	19.9	9.7	0.4	0.0	29.5	3	
8	0	-11	0	-0	0	-0	-0	3.7	2.7	0.3	0.0	6.4	3	
9	0	69	-0	0	0	0	0	22.8	9.4	0.0	0.0	32.2	3	
2	27	-28	0	0	0	0	-0	9.3	2.8	0.1	0.0	12.1	3	
7	27	-60	0	-0	0	0	-0	19.9	6.3	0.2	0.0	26.2	3	
8	27	-11	0	-0	0	-0	-0	3.7	0.9	0.1	0.0	4.5	3	
9	27	69	-0	0	0	0	0	22.8	8.0	0.2	0.0	30.8	3	
2	55	-28	-0	0	0	0	-0	9.3	2.9	0.1	0.0	12.2	3	
7	55	-60	0	-0	0	0	-0	19.9	5.1	0.0	0.0	25.0	3	
8	55	-11	-0	-0	0	0	-0	3.7	1.3	0.1	0.0	4.9	3	
9	55	69	-1	0	0	-0	0	22.8	4.4	0.5	0.0	27.2	3	

ASTA NUM. 68 NI 1474 NF 1471 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	0	0	0	0	-0	3.9	2.8	0.3	0.0	6.7	3	
7	0	-22	1	0	0	0	-0	7.1	5.0	0.4	0.0	12.1	3	
8	0	-2	0	-0	0	0	-0	0.8	1.1	0.2	0.0	1.8	3	
9	0	22	-0	0	0	-0	0	7.3	4.3	0.0	0.0	11.5	3	
2	27	-12	0	0	0	0	-0	3.9	1.0	0.1	0.0	4.9	3	
7	27	-22	0	0	0	0	-0	7.1	2.1	0.2	0.0	9.2	3	
8	27	-2	0	-0	0	0	0	0.8	0.0	0.0	0.0	0.8	2	
9	27	22	-0	0	0	-0	0	7.3	2.8	0.3	0.0	10.1	3	
2	55	-12	-0	0	0	0	-0	3.9	1.3	0.1	0.0	5.2	3	
7	55	-22	-0	0	0	0	-0	7.1	1.3	0.0	0.0	8.5	3	
8	55	-2	-0	-0	0	0	-0	0.8	0.9	0.2	0.0	1.7	3	
9	55	22	-1	0	0	-0	-0	7.3	0.9	0.5	0.0	8.1	3	

ASTA NUM. 70 NI 1471 NF 1531 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	-0	0	0	-0	1.6	0.6	0.1	0.0	2.2	3	
7	0	-3	0	0	0	0	0	0.9	0.0	0.0	0.0	0.9	2	
8	0	-0	-0	0	0	0	0	0.1	0.0	0.1	0.0	0.2	2	
9	0	-5	0	-0	0	-0	-0	1.8	0.8	0.1	0.0	2.6	3	
2	5	-5	0	-0	0	0	-0	1.6	0.5	0.1	0.0	2.1	3	
7	5	-3	-0	0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3	
8	5	-0	-0	0	0	0	0	0.1	0.0	0.1	0.0	0.3	2	
9	5	-5	0	-0	0	-0	-0	1.8	0.6	0.1	0.0	2.4	3	
2	10	-5	0	-0	0	0	-0	1.6	0.5	0.0	0.0	2.0	3	
7	10	-3	-0	0	0	0	-0	0.9	0.4	0.1	0.0	1.3	3	
8	10	-0	-0	0	0	-0	-0	0.1	0.3	0.2	0.0	0.4	5	
9	10	-5	0	-0	0	0	-0	1.8	0.5	0.0	0.0	2.2	3	

ASTA NUM. 71 NI 1531 NF 1470 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.6	0.6	0.2	0.0	1.2	3	
7	0	-1	0	-0	0	0	0	0.3	0.0	0.1	0.0	0.4	2	
8	0	-1	0	-0	0	-0	0	0.3	0.0	0.1	0.0	0.4	2	
9	0	-3	0	0	0	0	-0	1.0	1.0	0.2	0.0	2.0	3	
2	14	-2	0	0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
7	14	-1	-0	-0	0	0	0	0.3	0.0	0.0	0.0	0.4	2	

8	14	-1	-0	-0	0	0	0	0.3	0.0	0.0	0.0	0.4	2
9	14	-3	0	0	0	-0	0	1.0	0.0	0.1	0.0	1.0	2
2	27	-2	-0	0	0	0	0	0.6	0.0	0.1	0.0	0.6	2
7	27	-1	-0	-0	0	0	-0	0.3	0.4	0.1	0.0	0.7	3
8	27	-1	-0	-0	0	0	-0	0.3	0.6	0.2	0.0	0.9	3
9	27	-3	-0	0	0	-0	0	1.0	0.0	0.0	0.0	1.1	2

ASTA NUM. 434 NI 1470 NF 3522 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	3	1	0	0	0	-0	0.9	0.6	0.4	0.0	1.5	5	
7	0	-3	0	0	0	0	-0	1.0	0.5	0.2	0.0	1.5	3	
8	0	-8	0	0	0	0	-0	2.6	0.6	0.2	0.0	3.2	3	
9	0	6	1	-0	0	-0	-0	2.0	1.0	0.5	0.0	3.0	3	
2	14	3	0	0	0	0	0	0.9	0.6	0.1	0.0	1.4	3	
7	14	-3	-0	0	0	0	0	1.0	0.0	0.1	0.0	1.0	2	
8	14	-8	-0	0	0	0	-0	2.6	0.6	0.2	0.0	3.2	3	
9	14	6	0	-0	0	-0	0	2.0	1.0	0.2	0.0	3.0	3	
2	27	3	-0	0	0	0	0	0.9	0.0	0.2	0.0	0.9	2	
7	27	-3	-1	0	0	0	-0	1.0	1.2	0.4	0.0	2.2	1	
8	27	-8	-1	0	0	0	-0	2.6	2.2	0.5	0.0	4.8	1	
9	27	6	-0	-0	0	0	0	2.0	1.3	0.1	0.0	3.3	1	

ASTA NUM. 418 NI 1442 NF 3462 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	-0	0	-0	-0	0.5	1.0	0.4	0.0	1.4	3	
7	0	0	0	0	0	0	0	0.1	0.0	0.2	0.0	0.4	2	
8	0	3	0	0	0	0	0	1.1	0.7	0.1	0.0	1.9	3	
9	0	-1	1	-0	0	-0	-0	0.3	1.3	0.4	0.0	1.6	3	
2	14	-1	0	-0	0	0	0	0.5	0.0	0.1	0.0	0.5	2	
7	14	0	-0	0	0	-0	0	0.1	0.3	0.1	0.0	0.4	3	
8	14	3	-0	0	0	-0	0	1.1	0.7	0.2	0.0	1.8	3	
9	14	-1	0	-0	0	0	0	0.3	0.0	0.1	0.0	0.4	2	
2	27	-1	-0	-0	0	0	-0	0.5	0.4	0.3	0.0	0.9	5	
7	27	0	-1	0	0	-0	-0	0.1	0.8	0.4	0.0	1.0	5	
8	27	3	-1	0	0	-0	-0	1.1	1.1	0.5	0.0	2.2	3	
9	27	-1	-0	-0	0	0	0	0.3	0.0	0.2	0.0	0.5	2	

ASTA NUM. 83 NI 3462 NF 3331 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	0	0	0	-0	0.3	0.3	0.1	0.0	0.6	3	
7	0	-2	0	-0	0	-0	0	0.8	0.0	0.1	0.0	0.8	2	
8	0	-3	0	-0	0	-0	0	1.1	0.0	0.0	0.0	1.1	2	
9	0	1	0	0	0	0	0	0.3	0.0	0.1	0.0	0.4	2	
2	14	-1	0	0	0	0	0	0.3	0.0	0.0	0.0	0.3	2	
7	14	-2	-0	-0	0	-0	0	0.8	0.0	0.0	0.0	0.8	2	
8	14	-3	-0	-0	0	-0	0	1.1	0.0	0.1	0.0	1.1	2	
9	14	1	0	0	0	0	0	0.3	0.0	0.0	0.0	0.3	2	
2	27	-1	-0	0	0	0	0	0.3	0.0	0.1	0.0	0.3	2	
7	27	-2	-0	-0	0	0	-0	0.8	0.6	0.1	0.0	1.4	3	
8	27	-3	-0	-0	0	-0	-0	1.1	0.9	0.2	0.0	2.0	3	
9	27	1	-0	0	0	0	0	0.3	0.0	0.1	0.0	0.3	2	

ASTA NUM. 84 NI 3331 NF 3330 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-3	0	-0	0	0	-0	0.9	0.4	0.1	0.0	1.3	3
7	0	-5	-0	0	0	0	-0	1.6	0.5	0.0	0.0	2.1	3
8	0	-5	-0	0	0	-0	-0	1.6	0.5	0.0	0.0	2.1	3
9	0	1	0	-0	0	0	0	0.3	0.0	0.1	0.0	0.4	2
2	5	-3	0	-0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3
7	5	-5	-0	0	0	-0	-0	1.6	0.5	0.0	0.0	2.2	3
8	5	-5	-0	0	0	-0	-0	1.6	0.5	0.0	0.0	2.2	3
9	5	1	0	-0	0	0	0	0.3	0.0	0.1	0.0	0.3	2
2	10	-3	-0	-0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3
7	10	-5	-0	0	0	-0	-0	1.6	0.7	0.1	0.0	2.3	3
8	10	-5	-0	0	0	-0	-0	1.6	0.7	0.1	0.0	2.3	3
9	10	1	0	-0	0	0	0	0.3	0.0	0.1	0.0	0.3	2

ASTA NUM. 81 NI 3330 NF 3329 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-22	0	-0	0	0	-0	7.3	1.3	0.0	0.0	8.6	3	
7	0	-12	0	-0	0	-0	-0	3.8	1.3	0.1	0.0	5.2	3	
8	0	24	1	0	0	-0	-0	7.7	0.9	0.5	0.0	8.6	3	
9	0	-3	0	0	0	0	-0	0.9	0.8	0.2	0.0	1.7	3	
2	27	-22	-0	-0	0	0	-0	7.3	2.1	0.2	0.0	9.4	3	
7	27	-12	-0	-0	0	0	-0	3.8	0.9	0.1	0.0	4.8	3	
8	27	24	0	0	0	-0	0	7.7	3.0	0.3	0.0	10.7	3	
9	27	-3	-0	0	0	0	0	0.9	0.0	0.0	0.0	0.9	2	
2	55	-22	-1	-0	0	0	-0	7.3	5.1	0.4	0.0	12.3	3	
7	55	-12	-0	-0	0	0	-0	3.8	2.7	0.3	0.0	6.6	3	
8	55	24	0	0	0	-0	0	7.7	4.6	0.0	0.0	12.3	3	
9	55	-3	-0	0	0	0	-0	0.9	1.3	0.2	0.0	2.1	3	

ASTA NUM. 82 NI 3329 NF 3333 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-62	-0	0	0	0	-0	20.3	5.2	0.0	0.0	25.5	3	
7	0	-27	0	-0	0	0	-0	8.9	2.8	0.1	0.0	11.7	3	
8	0	73	1	-0	0	-0	0	23.9	4.7	0.5	0.0	28.5	3	
9	0	-14	0	0	0	0	-0	4.7	1.4	0.1	0.0	6.1	3	
2	27	-62	-0	0	0	0	-0	20.3	6.4	0.2	0.0	26.7	3	
7	27	-27	-0	-0	0	0	-0	8.9	2.6	0.1	0.0	11.5	3	
8	27	73	0	-0	0	0	0	23.9	8.4	0.3	0.0	32.2	3	
9	27	-14	-0	0	0	-0	-0	4.7	1.2	0.1	0.0	5.9	3	
2	55	-62	-1	0	0	-0	-0	20.3	9.9	0.4	0.0	30.2	3	
7	55	-27	-0	-0	0	0	-0	8.9	4.7	0.3	0.0	13.6	3	
8	55	73	0	-0	0	0	0	23.9	9.9	0.0	0.0	33.8	3	
9	55	-14	-0	0	0	-0	-0	4.7	3.3	0.3	0.0	8.0	3	

ASTA NUM. 85 NI 3333 NF 3332 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-90	0	-0	0	-0	-0	29.6	10.1	0.1	0.0	39.7	3	
7	0	-37	0	0	0	0	-0	12.0	4.2	0.1	0.0	16.2	3	
8	0	104	-0	0	0	0	0	34.2	11.6	0.1	0.0	45.8	3	
9	0	-29	0	-0	0	-0	-0	9.6	3.5	0.1	0.0	13.1	3	
2	5	-90	0	-0	0	0	-0	29.6	9.9	0.1	0.0	39.5	3	
7	5	-37	0	0	0	0	-0	12.0	4.0	0.0	0.0	16.1	3	
8	5	104	-0	0	0	-0	0	34.2	11.5	0.1	0.0	45.6	3	
9	5	-29	0	-0	0	0	-0	9.6	3.2	0.1	0.0	12.9	3	
2	10	-90	0	-0	0	0	-0	29.6	9.8	0.1	0.0	39.4	3	
7	10	-37	-0	0	0	0	-0	12.0	4.0	0.0	0.0	16.0	3	
8	10	104	-0	0	0	-0	0	34.2	11.4	0.1	0.0	45.6	3	
9	10	-29	0	-0	0	0	-0	9.6	3.2	0.1	0.0	12.8	3	

ASTA NUM. 75 NI 3332 NF 3475 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-115	-0	0	0	0	-0	37.9	10.8	0.3	0.0	48.7	3	
7	0	-41	0	-0	0	0	-0	13.6	5.0	0.2	0.0	18.7	3	
8	0	133	1	-0	0	-0	0	43.8	11.4	0.7	0.0	55.2	3	
9	0	-51	-1	0	0	0	-0	16.8	3.2	0.4	0.0	20.0	3	
2	14	-115	-1	0	0	-0	-0	37.9	12.7	0.4	0.0	50.6	3	
7	14	-41	0	-0	0	0	-0	13.6	4.8	0.1	0.0	18.5	3	
8	14	133	1	-0	0	0	1	43.8	15.4	0.6	0.0	59.2	3	
9	14	-51	-1	0	0	-0	-0	16.8	6.2	0.5	0.0	23.0	3	
2	27	-115	-1	0	0	-0	-1	37.9	15.4	0.5	0.0	53.3	3	
7	27	-41	-0	-0	0	0	-0	13.6	5.2	0.1	0.0	18.8	3	
8	27	133	1	-0	0	0	1	43.8	19.0	0.5	0.0	62.9	3	
9	27	-51	-1	0	0	-0	-0	16.8	10.0	0.7	0.0	26.9	3	

ASTA NUM. 74 NI 3475 NF 3474 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-189	-2	-0	0	-0	-0	62.2	11.6	1.8	0.0	73.8	3	
7	0	-28	2	0	0	0	-0	9.2	9.3	1.2	0.0	18.5	3	
8	0	247	5	1	0	0	0	81.4	9.2	3.9	0.0	90.6	3	
9	0	-156	-5	-1	0	-0	0	51.2	2.8	3.6	0.0	54.0	3	
2	14	-189	-3	-0	0	0	-1	62.2	21.0	1.9	0.0	83.2	3	
7	14	-28	1	0	0	-0	-0	9.2	3.7	1.1	0.0	12.9	3	
8	14	247	5	1	0	-0	1	81.4	28.7	3.8	0.0	110.1	3	
9	14	-156	-5	-1	0	0	-1	51.2	18.5	3.7	0.0	69.6	3	
2	27	-189	-3	-0	0	0	-1	62.2	31.9	2.1	0.0	94.1	3	
7	27	-28	1	0	0	-0	0	9.2	4.4	1.0	0.0	13.6	3	
8	27	247	5	1	0	-0	2	81.4	50.5	3.7	0.0	131.8	3	
9	27	-156	-5	-1	0	0	-1	51.2	40.3	3.8	0.0	91.5	3	

ASTA NUM. 292 NI 3474 NF 1515 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-28	-1	-0	0	-0	0	9.2	4.5	1.0	0.0	13.7	3	
7	0	-189	3	0	0	0	-1	62.1	31.7	2.0	0.0	93.8	3	
8	0	-155	5	1	0	0	-1	51.1	40.2	3.8	0.0	91.4	3	
9	0	247	-5	-1	0	-0	2	81.3	50.4	3.7	0.0	131.7	3	
2	14	-28	-1	-0	0	-0	-0	9.2	3.8	1.1	0.0	12.9	3	
7	14	-189	3	0	0	0	-1	62.1	20.9	1.9	0.0	83.1	3	
8	14	-155	5	1	0	0	-1	51.1	18.4	3.7	0.0	69.6	3	
9	14	247	-5	-1	0	-0	1	81.3	28.7	3.8	0.0	110.0	3	
2	27	-28	-2	-0	0	0	-0	9.2	9.3	1.2	0.0	18.5	3	
7	27	-189	2	0	0	-0	-0	62.1	11.6	1.8	0.0	73.7	3	
8	27	-155	5	1	0	-0	0	51.1	2.8	3.6	0.0	53.9	3	
9	27	247	-5	-1	0	0	0	81.3	9.2	3.9	0.0	90.5	3	

ASTA NUM. 293 NI 1515 NF 1535 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-41	0	0	0	0	-0	13.6	5.2	0.1	0.0	18.8	3	
7	0	-115	1	-0	0	-0	-1	37.9	15.3	0.5	0.0	53.2	3	
8	0	-51	1	-0	0	-0	-0	16.8	10.0	0.6	0.0	26.8	3	
9	0	133	-1	0	0	0	1	43.8	19.0	0.5	0.0	62.8	3	
2	14	-41	-0	0	0	0	-0	13.6	4.8	0.1	0.0	18.4	3	

7	14	-115	1	-0	0	-0	-0	37.9	12.7	0.4	0.0	50.6	3
8	14	-51	1	-0	0	-0	-0	16.8	6.2	0.5	0.0	23.0	3
9	14	133	-1	0	0	0	1	43.8	15.4	0.6	0.0	59.2	3
2	27	-41	-0	0	0	-0	-0	13.6	5.0	0.2	0.0	18.6	3
7	27	-115	0	-0	0	-0	-0	37.9	10.9	0.3	0.0	48.7	3
8	27	-51	1	-0	0	0	-0	16.8	3.2	0.4	0.0	20.1	3
9	27	133	-1	0	0	-0	0	43.8	11.5	0.7	0.0	55.3	3

ASTA NUM. 78 NI 1535 NF 1571 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-37	0	-0	0	-0	-0	12.0	4.0	0.0	0.0	16.0	3	
7	0	-90	-0	0	0	0	-0	29.5	9.8	0.1	0.0	39.3	3	
8	0	-29	-0	0	0	0	-0	9.6	3.2	0.1	0.0	12.8	3	
9	0	104	0	-0	0	-0	0	34.2	11.3	0.1	0.0	45.5	3	
2	5	-37	-0	-0	0	0	-0	12.0	4.0	0.0	0.0	16.1	3	
7	5	-90	-0	0	0	0	-0	29.5	9.9	0.1	0.0	39.4	3	
8	5	-29	-0	0	0	0	-0	9.6	3.2	0.1	0.0	12.9	3	
9	5	104	0	-0	0	-0	0	34.2	11.5	0.1	0.0	45.6	3	
2	10	-37	-0	-0	0	0	-0	12.0	4.2	0.1	0.0	16.2	3	
7	10	-90	-0	0	0	-0	-0	29.5	10.1	0.2	0.0	39.7	3	
8	10	-29	-0	0	0	-0	-0	9.6	3.5	0.2	0.0	13.2	3	
9	10	104	0	-0	0	0	0	34.2	11.6	0.1	0.0	45.8	3	

ASTA NUM. 80 NI 1571 NF 1570 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-27	0	0	0	0	-0	8.9	4.7	0.3	0.0	13.6	3	
7	0	-62	1	-0	0	-0	-0	20.3	9.9	0.4	0.0	30.2	3	
8	0	-14	0	-0	0	-0	-0	4.7	3.3	0.3	0.0	8.0	3	
9	0	73	-0	0	0	0	0	23.9	9.9	0.0	0.0	33.9	3	
2	27	-27	0	0	0	0	-0	8.9	2.6	0.1	0.0	11.5	3	
7	27	-62	0	-0	0	0	-0	20.3	6.4	0.2	0.0	26.8	3	
8	27	-14	0	-0	0	-0	-0	4.7	1.2	0.1	0.0	5.9	3	
9	27	73	-0	0	0	0	0	23.9	8.4	0.3	0.0	32.3	3	
2	55	-27	-0	0	0	0	-0	8.9	2.8	0.1	0.0	11.7	3	
7	55	-62	0	-0	0	0	-0	20.3	5.2	0.0	0.0	25.5	3	
8	55	-14	-0	-0	0	0	-0	4.7	1.4	0.1	0.0	6.1	3	
9	55	73	-1	0	0	-0	0	23.9	4.7	0.5	0.0	28.6	3	

ASTA NUM. 79 NI 1570 NF 1537 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	0	0	0	0	-0	3.8	2.7	0.3	0.0	6.6	3	
7	0	-22	1	0	0	0	-0	7.3	5.1	0.4	0.0	12.3	3	
8	0	-3	0	-0	0	0	-0	0.8	1.3	0.2	0.0	2.1	3	
9	0	23	-0	0	0	-0	0	7.7	4.6	0.0	0.0	12.3	3	
2	27	-12	0	0	0	0	-0	3.8	0.9	0.1	0.0	4.8	3	
7	27	-22	0	0	0	0	-0	7.3	2.1	0.2	0.0	9.4	3	
8	27	-3	0	-0	0	0	0	0.8	0.0	0.0	0.0	0.9	2	
9	27	23	-0	0	0	-0	0	7.7	3.0	0.3	0.0	10.7	3	
2	55	-12	-0	0	0	-0	-0	3.8	1.3	0.1	0.0	5.2	3	
7	55	-22	-0	0	0	0	-0	7.3	1.3	0.0	0.0	8.6	3	
8	55	-3	-0	-0	0	0	-0	0.8	0.8	0.2	0.0	1.7	3	
9	55	23	-1	0	0	-0	-0	7.7	0.9	0.5	0.0	8.6	3	

ASTA NUM. 77 NI 1537 NF 1533 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

cm		kg		kg*m		kg/cmq							
2	0	-5	0	-0	0	-0	-0	1.6	0.7	0.1	0.0	2.3	3
7	0	-3	0	0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3
8	0	1	-0	0	0	0	0	0.3	0.0	0.1	0.0	0.3	2
9	0	-5	0	-0	0	-0	-0	1.6	0.7	0.1	0.0	2.3	3
2	5	-5	0	-0	0	-0	-0	1.6	0.5	0.0	0.0	2.2	3
7	5	-3	-0	0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3
8	5	1	-0	0	0	0	0	0.3	0.0	0.1	0.0	0.3	2
9	5	-5	0	-0	0	-0	-0	1.6	0.6	0.0	0.0	2.2	3
2	10	-5	0	-0	0	0	-0	1.6	0.5	0.0	0.0	2.1	3
7	10	-3	-0	0	0	0	-0	0.9	0.4	0.1	0.0	1.3	3
8	10	1	-0	0	0	0	0	0.3	0.0	0.1	0.0	0.4	2
9	10	-5	0	-0	0	-0	-0	1.6	0.5	0.0	0.0	2.1	3

ASTA NUM. 76 NI 1533 NF 1573 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.8	0.6	0.1	0.0	1.4	3	
7	0	-1	0	-0	0	0	0	0.3	0.0	0.1	0.0	0.3	2	
8	0	1	0	-0	0	0	0	0.3	0.0	0.1	0.0	0.3	2	
9	0	-3	0	0	0	-0	-0	1.1	0.9	0.2	0.0	2.0	3	
2	14	-2	0	0	0	-0	0	0.8	0.0	0.0	0.0	0.8	2	
7	14	-1	-0	-0	0	0	0	0.3	0.0	0.0	0.0	0.3	2	
8	14	1	-0	-0	0	0	0	0.3	0.0	0.0	0.0	0.3	2	
9	14	-3	0	0	0	-0	0	1.1	0.0	0.1	0.0	1.1	2	
2	27	-2	-0	0	0	-0	0	0.8	0.0	0.1	0.0	0.8	2	
7	27	-1	-0	-0	0	0	-0	0.3	0.3	0.1	0.0	0.6	3	
8	27	1	-0	-0	0	0	0	0.3	0.0	0.1	0.0	0.4	2	
9	27	-3	-0	0	0	-0	0	1.1	0.0	0.0	0.0	1.1	2	

ASTA NUM. 425 NI 1573 NF 1437 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	0	1	-0	0	-0	-0	0.1	0.8	0.4	0.0	1.0	5	
7	0	-1	0	0	0	0	-0	0.5	0.4	0.3	0.0	0.9	5	
8	0	-1	0	0	0	0	0	0.3	0.0	0.2	0.0	0.5	2	
9	0	3	1	-0	0	-0	-0	1.1	1.1	0.5	0.0	2.2	3	
2	14	0	0	-0	0	-0	0	0.1	0.3	0.1	0.0	0.4	3	
7	14	-1	-0	0	0	0	0	0.5	0.0	0.1	0.0	0.5	2	
8	14	-1	-0	0	0	0	0	0.3	0.0	0.1	0.0	0.4	2	
9	14	3	0	-0	0	-0	0	1.1	0.7	0.2	0.0	1.8	3	
2	27	0	-0	-0	0	0	0	0.1	0.0	0.2	0.0	0.4	2	
7	27	-1	-0	0	0	0	-0	0.5	1.0	0.4	0.0	1.5	1	
8	27	-1	-1	0	0	0	-0	0.3	1.3	0.4	0.0	1.6	1	
9	27	3	-0	-0	0	0	0	1.1	0.7	0.1	0.0	1.9	1	

ASTA NUM. 419 NI 1443 NF 3460 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	-0	0	-0	-0	1.6	1.0	0.3	0.0	2.7	3	
7	0	1	0	0	0	0	0	0.2	0.0	0.2	0.0	0.5	2	
8	0	8	0	0	0	0	0	2.6	0.9	0.2	0.0	3.5	3	
9	0	-6	1	-0	0	-0	-0	2.1	1.5	0.4	0.0	3.7	3	
2	14	-5	-0	-0	0	0	-0	1.6	0.3	0.0	0.0	2.0	3	
7	14	1	-0	0	0	-0	0	0.2	0.3	0.1	0.0	0.6	3	
8	14	8	-0	0	0	-0	0	2.6	1.2	0.1	0.0	3.7	3	
9	14	-6	0	-0	0	0	-0	2.1	0.5	0.1	0.0	2.6	3	
2	27	-5	-0	-0	0	0	-0	1.6	1.2	0.3	0.0	2.8	3	
7	27	1	-1	0	0	-0	-0	0.2	0.9	0.4	0.0	1.1	5	
8	27	8	-1	0	0	-0	0	2.6	0.0	0.4	0.0	2.7	2	
9	27	-6	-0	-0	0	0	-0	2.1	1.0	0.3	0.0	3.1	3	

ASTA NUM. 88 NI 3460 NF 3334 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	0	-0	1.1	0.4	0.1	0.0	1.5	3	
7	0	-3	0	-0	0	-0	0	0.9	0.0	0.1	0.0	0.9	2	
8	0	-1	0	-0	0	-0	0	0.2	0.0	0.1	0.0	0.3	2	
9	0	-2	0	0	0	0	-0	0.8	0.5	0.1	0.0	1.3	3	
2	14	-3	-0	0	0	0	0	1.1	0.0	0.0	0.0	1.1	2	
7	14	-3	-0	-0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2	
8	14	-1	-0	-0	0	-0	0	0.2	0.0	0.1	0.0	0.2	2	
9	14	-2	0	0	0	0	0	0.8	0.0	0.0	0.0	0.8	2	
2	27	-3	-0	0	0	0	-0	1.1	0.7	0.1	0.0	1.8	3	
7	27	-3	-0	-0	0	0	-0	0.9	0.7	0.2	0.0	1.6	3	
8	27	-1	-0	-0	0	0	-0	0.2	0.5	0.2	0.0	0.7	3	
9	27	-2	-0	0	0	0	-0	0.8	0.4	0.1	0.0	1.2	3	

ASTA NUM. 87 NI 3334 NF 3337 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	-0	-0	0	0	-0	2.1	0.6	0.0	0.0	2.7	3	
7	0	-6	-0	0	0	0	-0	1.8	0.5	0.0	0.0	2.4	3	
8	0	-1	0	0	0	0	0	0.4	0.0	0.1	0.0	0.5	2	
9	0	-3	0	-0	0	0	-0	1.1	0.4	0.0	0.0	1.4	3	
2	5	-6	-0	-0	0	0	-0	2.1	0.7	0.1	0.0	2.8	3	
7	5	-6	-0	0	0	0	-0	1.8	0.6	0.1	0.0	2.5	3	
8	5	-1	0	0	0	-0	0	0.4	0.0	0.0	0.0	0.5	2	
9	5	-3	0	-0	0	0	-0	1.1	0.4	0.0	0.0	1.4	3	
2	10	-6	-0	-0	0	0	-0	2.1	0.9	0.1	0.0	3.0	3	
7	10	-6	-0	0	0	0	-0	1.8	0.8	0.1	0.0	2.6	3	
8	10	-1	0	0	0	-0	0	0.4	0.0	0.0	0.0	0.5	2	
9	10	-3	-0	-0	0	0	-0	1.1	0.4	0.0	0.0	1.4	3	

ASTA NUM. 90 NI 3337 NF 3336 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-26	0	-0	0	0	-0	8.6	1.5	0.0	0.0	10.1	3	
7	0	-13	0	-0	0	0	-0	4.3	1.3	0.1	0.0	5.6	3	
8	0	27	1	0	0	-0	-0	8.8	0.7	0.5	0.0	9.5	3	
9	0	-6	0	0	0	0	-0	2.0	1.0	0.2	0.0	3.0	3	
2	27	-26	-0	-0	0	0	-0	8.6	2.6	0.2	0.0	11.2	3	
7	27	-13	-0	-0	0	0	-0	4.3	1.1	0.1	0.0	5.4	3	
8	27	27	0	0	0	-0	0	8.8	3.3	0.3	0.0	12.2	3	
9	27	-6	-0	0	0	0	-0	2.0	0.3	0.0	0.0	2.4	3	
2	55	-26	-1	-0	0	0	-0	8.6	5.8	0.4	0.0	14.4	3	
7	55	-13	-0	-0	0	0	-0	4.3	3.0	0.3	0.0	7.3	3	
8	55	27	0	0	0	-0	0	8.8	5.2	0.1	0.0	14.0	3	
9	55	-6	-0	0	0	0	-0	2.0	1.8	0.3	0.0	3.9	3	

ASTA NUM. 89 NI 3336 NF 3335 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-66	-0	0	0	0	-0	21.8	5.6	0.0	0.0	27.4	3	
7	0	-31	0	-0	0	0	-0	10.2	2.8	0.1	0.0	13.0	3	
8	0	73	1	-0	0	-0	0	24.2	5.1	0.4	0.0	29.3	3	
9	0	-15	0	0	0	0	-0	4.8	1.9	0.2	0.0	6.8	3	

2	27	-66	-0	0	0	0	-0	21.8	6.9	0.2	0.0	28.7	3
7	27	-31	-0	-0	0	0	-0	10.2	3.1	0.1	0.0	13.2	3
8	27	73	0	-0	0	0	0	24.2	8.5	0.2	0.0	32.6	3
9	27	-15	-0	0	0	-0	-0	4.8	1.3	0.0	0.0	6.1	3
2	55	-66	-1	0	0	-0	-0	21.8	10.4	0.5	0.0	32.2	3
7	55	-31	-0	-0	0	0	-0	10.2	5.5	0.3	0.0	15.6	3
8	55	73	0	-0	0	0	0	24.2	9.7	0.0	0.0	33.8	3
9	55	-15	-0	0	0	-0	-0	4.8	2.9	0.3	0.0	7.8	3

ASTA NUM. 86 NI 3335 NF 3339 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-90	-0	-0	0	-0	-0	29.6	9.4	0.2	0.0	39.1	3	
7	0	-46	-0	0	0	0	-0	15.1	4.8	0.2	0.0	19.9	3	
8	0	93	0	0	0	0	0	30.6	10.0	0.2	0.0	40.6	3	
9	0	-17	-0	-0	0	-0	-0	5.7	1.9	0.1	0.0	7.5	3	
2	5	-90	-0	-0	0	0	-0	29.6	9.9	0.3	0.0	39.5	3	
7	5	-46	-0	0	0	0	-0	15.1	5.1	0.2	0.0	20.2	3	
8	5	93	0	0	0	-0	0	30.6	10.2	0.1	0.0	40.8	3	
9	5	-17	-0	-0	0	0	-0	5.7	1.9	0.1	0.0	7.5	3	
2	10	-90	-0	-0	0	0	-0	29.6	10.5	0.3	0.0	40.2	3	
7	10	-46	-0	0	0	0	-0	15.1	5.4	0.2	0.0	20.6	3	
8	10	93	0	0	0	-0	0	30.6	10.6	0.1	0.0	41.1	3	
9	10	-17	-0	-0	0	0	-0	5.7	2.1	0.1	0.0	7.8	3	

ASTA NUM. 97 NI 3339 NF 3338 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-100	-0	0	0	0	-0	32.8	10.4	0.1	0.0	43.2	3	
7	0	-57	-0	-0	0	0	-0	18.7	5.4	0.1	0.0	24.1	3	
8	0	95	0	-0	0	-0	0	31.3	10.4	0.1	0.0	41.8	3	
9	0	-12	0	0	0	0	-0	4.1	2.2	0.2	0.0	6.2	3	
2	14	-100	-0	0	0	-0	-0	32.8	11.2	0.2	0.0	44.0	3	
7	14	-57	-0	-0	0	0	-0	18.7	6.3	0.2	0.0	25.0	3	
8	14	95	-0	-0	0	0	0	31.3	11.2	0.1	0.0	42.5	3	
9	14	-12	0	0	0	-0	-0	4.1	1.9	0.1	0.0	5.9	3	
2	27	-100	-0	0	0	-0	-0	32.8	12.7	0.3	0.0	45.5	3	
7	27	-57	-0	-0	0	0	-0	18.7	7.8	0.3	0.0	26.5	3	
8	27	95	-0	-0	0	0	0	31.3	11.6	0.1	0.0	42.9	3	
9	27	-12	0	0	0	-0	-0	4.1	2.4	0.1	0.0	6.4	3	

ASTA NUM. 297 NI 3338 NF 1517 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-104	0	-0	0	-0	-0	34.0	12.4	0.2	0.0	46.5	3	
7	0	-75	-0	0	0	0	-0	24.5	7.7	0.2	0.0	32.2	3	
8	0	81	-0	1	0	0	0	26.8	11.4	0.5	0.0	38.1	3	
9	0	9	1	-1	0	-0	-0	2.9	2.1	0.5	0.0	5.0	3	
2	14	-104	0	-0	0	0	-0	34.0	11.7	0.2	0.0	45.8	3	
7	14	-75	-0	0	0	-0	-0	24.5	8.6	0.2	0.0	33.2	3	
8	14	81	-0	1	0	-0	0	26.8	10.3	0.5	0.0	37.0	3	
9	14	9	0	-1	0	0	0	2.9	2.3	0.5	0.0	5.2	3	
2	27	-104	-0	-0	0	0	-0	34.0	13.1	0.2	0.0	47.1	3	
7	27	-75	-0	0	0	-0	-0	24.5	10.8	0.3	0.0	35.3	3	
8	27	81	-0	1	0	-0	0	26.8	11.3	0.5	0.0	38.1	3	
9	27	9	0	-1	0	0	0	2.9	6.2	0.5	0.0	9.1	3	

ASTA NUM. 296 NI 1517 NF 1656 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-75	0	-0	0	-0	-0	24.5	10.8	0.3	0.0	35.3	3
7	0	-104	0	0	0	0	-0	34.1	13.2	0.2	0.0	47.2	3
8	0	9	-0	1	0	0	0	2.9	6.1	0.5	0.0	9.0	3
9	0	81	0	-1	0	-0	0	26.8	11.4	0.5	0.0	38.2	3
2	14	-75	0	-0	0	-0	-0	24.5	8.6	0.2	0.0	33.2	3
7	14	-104	-0	0	0	0	-0	34.1	11.8	0.2	0.0	45.8	3
8	14	9	-0	1	0	0	0	2.9	2.3	0.5	0.0	5.2	3
9	14	81	0	-1	0	-0	0	26.8	10.3	0.5	0.0	37.1	3
2	27	-75	0	-0	0	0	-0	24.5	7.7	0.2	0.0	32.2	3
7	27	-104	-0	0	0	-0	-0	34.1	12.4	0.2	0.0	46.5	3
8	27	9	-1	1	0	-0	-0	2.9	2.1	0.5	0.0	5.0	3
9	27	81	0	-1	0	0	0	26.8	11.3	0.5	0.0	38.1	3

ASTA NUM. 93 NI 1656 NF 1698 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg			kg*m			kg/cmq							
2	0	-57	0	0	0	0	-0	18.7	7.8	0.3	0.0	26.5	3	
7	0	-100	0	-0	0	-0	-0	32.8	12.8	0.3	0.0	45.6	3	
8	0	-12	0	-0	0	-0	-0	4.0	2.4	0.1	0.0	6.4	3	
9	0	95	0	0	0	0	0	31.3	11.6	0.1	0.0	43.0	3	
2	14	-57	0	0	0	0	-0	18.7	6.3	0.2	0.0	25.0	3	
7	14	-100	0	-0	0	-0	-0	32.8	11.2	0.2	0.0	44.0	3	
8	14	-12	-0	-0	0	-0	-0	4.0	1.9	0.1	0.0	5.9	3	
9	14	95	-0	0	0	0	0	31.3	11.2	0.1	0.0	42.5	3	
2	27	-57	0	0	0	0	-0	18.7	5.4	0.1	0.0	24.1	3	
7	27	-100	0	-0	0	0	-0	32.8	10.4	0.1	0.0	43.2	3	
8	27	-12	-0	-0	0	0	-0	4.0	2.1	0.2	0.0	6.1	3	
9	27	95	-0	0	0	-0	0	31.3	10.4	0.1	0.0	41.7	3	

ASTA NUM. 94 NI 1698 NF 1697 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg			kg*m			kg/cmq							
2	0	-46	0	-0	0	0	-0	15.2	5.4	0.2	0.0	20.6	3	
7	0	-90	0	0	0	0	-0	29.6	10.6	0.3	0.0	40.2	3	
8	0	-17	0	0	0	0	-0	5.6	2.2	0.1	0.0	7.8	3	
9	0	93	-0	-0	0	-0	0	30.6	10.6	0.1	0.0	41.2	3	
2	5	-46	0	-0	0	0	-0	15.2	5.1	0.2	0.0	20.2	3	
7	5	-90	0	0	0	0	-0	29.6	9.9	0.3	0.0	39.5	3	
8	5	-17	0	0	0	0	-0	5.6	1.9	0.1	0.0	7.5	3	
9	5	93	-0	-0	0	-0	0	30.6	10.2	0.2	0.0	40.8	3	
2	10	-46	0	-0	0	0	-0	15.2	4.8	0.2	0.0	19.9	3	
7	10	-90	0	0	0	-0	-0	29.6	9.4	0.3	0.0	39.0	3	
8	10	-17	0	0	0	-0	-0	5.6	1.8	0.1	0.0	7.4	3	
9	10	93	-0	-0	0	0	0	30.6	9.9	0.2	0.0	40.5	3	

ASTA NUM. 91 NI 1697 NF 1654 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
cm	kg			kg*m			kg/cmq							
2	0	-31	0	0	0	0	-0	10.2	5.5	0.3	0.0	15.6	3	
7	0	-66	1	-0	0	-0	-0	21.7	10.4	0.5	0.0	32.1	3	
8	0	-15	0	-0	0	-0	-0	4.8	2.9	0.3	0.0	7.7	3	
9	0	73	-0	0	0	0	0	24.1	9.6	0.0	0.0	33.8	3	
2	27	-31	0	0	0	0	-0	10.2	3.1	0.1	0.0	13.2	3	
7	27	-66	0	-0	0	0	-0	21.7	6.9	0.2	0.0	28.6	3	
8	27	-15	0	-0	0	-0	-0	4.8	1.3	0.0	0.0	6.1	3	
9	27	73	-0	0	0	0	0	24.1	8.4	0.2	0.0	32.6	3	
2	55	-31	-0	0	0	0	-0	10.2	2.8	0.1	0.0	13.0	3	
7	55	-66	0	-0	0	0	-0	21.7	5.6	0.0	0.0	27.3	3	
8	55	-15	-0	-0	0	0	-0	4.8	1.9	0.2	0.0	6.7	3	

9 55 73 -1 0 0 -0 0 24.1 5.1 0.4 0.0 29.3 3
ASTA NUM. 92 NI 1654 NF 1699 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-13	0	0	0	0	-0	4.3	3.0	0.3	0.0	7.3	3	
7	0	-26	1	0	0	0	-0	8.6	5.8	0.4	0.0	14.4	3	
8	0	-6	0	-0	0	0	-0	2.0	1.8	0.3	0.0	3.8	3	
9	0	27	-0	0	0	-0	0	8.8	5.1	0.1	0.0	14.0	3	
2	27	-13	0	0	0	0	-0	4.3	1.1	0.1	0.0	5.4	3	
7	27	-26	0	0	0	0	-0	8.6	2.6	0.2	0.0	11.2	3	
8	27	-6	0	-0	0	0	-0	2.0	0.3	0.0	0.0	2.3	3	
9	27	27	-0	0	0	-0	0	8.8	3.3	0.3	0.0	12.2	3	
2	55	-13	-0	0	0	0	-0	4.3	1.3	0.1	0.0	5.6	3	
7	55	-26	-0	0	0	0	-0	8.6	1.5	0.0	0.0	10.1	3	
8	55	-6	-0	-0	0	0	-0	2.0	1.0	0.2	0.0	3.0	3	
9	55	27	-1	0	0	-0	-0	8.8	0.7	0.5	0.0	9.5	3	

ASTA NUM. 95 NI 1699 NF 1701 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	-0	0	0	-0	1.8	0.8	0.1	0.0	2.6	3	
7	0	-6	0	0	0	0	-0	2.1	0.9	0.1	0.0	3.0	3	
8	0	-3	0	0	0	0	-0	1.1	0.4	0.0	0.0	1.4	3	
9	0	-1	-0	-0	0	-0	0	0.4	0.0	0.0	0.0	0.5	2	
2	5	-6	0	-0	0	0	-0	1.8	0.6	0.1	0.0	2.5	3	
7	5	-6	0	0	0	0	-0	2.1	0.7	0.1	0.0	2.8	3	
8	5	-3	-0	0	0	0	-0	1.1	0.4	0.0	0.0	1.4	3	
9	5	-1	-0	-0	0	-0	0	0.4	0.0	0.0	0.0	0.5	2	
2	10	-6	0	-0	0	0	-0	1.8	0.5	0.0	0.0	2.4	3	
7	10	-6	0	0	0	0	-0	2.1	0.6	0.0	0.0	2.7	3	
8	10	-3	-0	0	0	0	-0	1.1	0.4	0.0	0.0	1.4	3	
9	10	-1	-0	-0	0	0	0	0.4	0.0	0.1	0.0	0.5	2	

ASTA NUM. 96 NI 1701 NF 1700 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	0	-0	0.9	0.7	0.2	0.0	1.6	3	
7	0	-3	0	-0	0	0	-0	1.1	0.7	0.1	0.0	1.8	3	
8	0	-2	0	-0	0	0	-0	0.8	0.4	0.1	0.0	1.2	3	
9	0	-1	0	0	0	0	-0	0.2	0.5	0.2	0.0	0.7	3	
2	14	-3	0	0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2	
7	14	-3	0	-0	0	0	0	1.1	0.0	0.0	0.0	1.1	2	
8	14	-2	-0	-0	0	0	0	0.8	0.0	0.0	0.0	0.8	2	
9	14	-1	0	0	0	-0	0	0.2	0.0	0.1	0.0	0.2	2	
2	27	-3	-0	0	0	-0	0	0.9	0.0	0.1	0.0	0.9	2	
7	27	-3	-0	-0	0	0	-0	1.1	0.4	0.1	0.0	1.5	3	
8	27	-2	-0	-0	0	0	-0	0.8	0.5	0.1	0.0	1.3	3	
9	27	-1	-0	0	0	-0	0	0.2	0.0	0.1	0.0	0.3	2	

ASTA NUM. 424 NI 1700 NF 1436 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1	1	-0	0	-0	-0	0.2	0.9	0.4	0.0	1.1	5	
7	0	-5	0	0	0	0	-0	1.7	1.2	0.3	0.0	2.8	3	
8	0	-6	0	0	0	0	-0	2.1	1.0	0.3	0.0	3.1	3	
9	0	8	1	-0	0	-0	0	2.6	0.0	0.4	0.0	2.7	2	

2	14	1	0	-0	0	-0	0	0.2	0.3	0.1	0.0	0.6	3
7	14	-5	0	0	0	0	-0	1.7	0.3	0.0	0.0	2.0	3
8	14	-6	-0	0	0	0	-0	2.1	0.5	0.1	0.0	2.6	3
9	14	8	0	-0	0	-0	0	2.6	1.2	0.1	0.0	3.7	3
2	27	1	-0	-0	0	0	0	0.2	0.0	0.2	0.0	0.5	2
7	27	-5	-0	0	0	0	-0	1.7	1.0	0.3	0.0	2.7	1
8	27	-6	-1	0	0	0	-0	2.1	1.6	0.4	0.0	3.7	1
9	27	8	-0	-0	0	0	0	2.6	0.9	0.2	0.0	3.5	1

ASTA NUM. 411 NI 1448 NF 3440 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	0	0	-0	-0	2.3	1.3	0.3	0.0	3.5	3	
7	0	3	0	0	0	0	0	0.8	0.0	0.2	0.0	0.9	2	
8	0	11	0	-0	0	0	0	3.6	1.4	0.2	0.0	4.9	3	
9	0	-13	1	0	0	-0	-0	4.2	2.4	0.4	0.0	6.6	3	
2	14	-7	-0	0	0	-0	-0	2.3	0.5	0.0	0.0	2.8	3	
7	14	3	-0	0	0	-0	0	0.8	0.6	0.1	0.0	1.4	3	
8	14	11	-0	-0	0	0	0	3.6	1.5	0.1	0.0	5.1	3	
9	14	-13	0	0	0	-0	-0	4.2	1.2	0.1	0.0	5.4	3	
2	27	-7	-0	0	0	-0	-0	2.3	1.4	0.3	0.0	3.6	3	
7	27	3	-1	0	0	-0	-0	0.8	0.7	0.4	0.0	1.6	5	
8	27	11	-1	-0	0	0	0	3.6	0.0	0.4	0.0	3.7	2	
9	27	-13	-0	0	0	-0	-0	4.2	1.6	0.2	0.0	5.8	3	

ASTA NUM. 107 NI 3440 NF 3342 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	-0	-0	1.2	0.5	0.1	0.0	1.7	3	
7	0	-2	0	-0	0	-0	0	0.7	0.0	0.1	0.0	0.7	2	
8	0	-0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.1	2	
9	0	-4	0	-0	0	-0	-0	1.3	0.7	0.1	0.0	2.0	3	
2	14	-4	-0	-0	0	-0	-0	1.2	0.3	0.0	0.0	1.6	3	
7	14	-2	-0	-0	0	-0	0	0.7	0.0	0.1	0.0	0.7	2	
8	14	-0	-0	0	0	0	0	0.0	0.0	0.1	0.0	0.1	2	
9	14	-4	0	-0	0	-0	-0	1.3	0.4	0.0	0.0	1.7	3	
2	27	-4	-0	-0	0	-0	-0	1.2	0.7	0.1	0.0	1.9	3	
7	27	-2	-0	-0	0	0	-0	0.7	0.7	0.2	0.0	1.4	3	
8	27	-0	-0	0	0	0	-0	0.0	0.5	0.2	0.0	0.5	3	
9	27	-4	-0	-0	0	-0	-0	1.3	0.5	0.1	0.0	1.8	3	

ASTA NUM. 108 NI 3342 NF 3341 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	-0	0	0	-0	-0	2.2	0.6	0.0	0.0	2.8	3	
7	0	-5	-0	0	0	0	-0	1.8	0.5	0.0	0.0	2.3	3	
8	0	-1	0	-0	0	0	0	0.5	0.0	0.1	0.0	0.5	2	
9	0	-4	0	0	0	-0	-0	1.3	0.5	0.1	0.0	1.9	3	
2	5	-7	-0	0	0	-0	-0	2.2	0.7	0.1	0.0	2.9	3	
7	5	-5	-0	0	0	-0	-0	1.8	0.6	0.1	0.0	2.4	3	
8	5	-1	0	-0	0	0	0	0.5	0.0	0.0	0.0	0.5	2	
9	5	-4	0	0	0	-0	-0	1.3	0.4	0.0	0.0	1.8	3	
2	10	-7	-0	0	0	-0	-0	2.2	0.9	0.1	0.0	3.0	3	
7	10	-5	-0	0	0	-0	-0	1.8	0.8	0.1	0.0	2.6	3	
8	10	-1	-0	-0	0	0	0	0.5	0.0	0.0	0.0	0.5	2	
9	10	-4	-0	0	0	-0	-0	1.3	0.4	0.0	0.0	1.8	3	

ASTA NUM. 105 NI 3341 NF 3340 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-26	0	0	0	-0	-0	8.5	1.5	0.0	0.0	10.0	3	
7	0	-13	0	0	0	-0	-0	4.4	1.3	0.1	0.0	5.7	3	
8	0	25	1	-0	0	0	-0	8.4	0.6	0.5	0.0	9.0	3	
9	0	-5	0	0	0	-0	-0	1.8	1.1	0.2	0.0	2.9	3	
2	27	-26	-0	0	0	-0	-0	8.5	2.5	0.2	0.0	11.0	3	
7	27	-13	-0	0	0	-0	-0	4.4	1.1	0.1	0.0	5.6	3	
8	27	25	0	-0	0	0	0	8.4	3.2	0.3	0.0	11.5	3	
9	27	-5	-0	0	0	-0	0	1.8	0.0	0.0	0.0	1.8	2	
2	55	-26	-1	0	0	-0	-0	8.5	5.7	0.4	0.0	14.2	3	
7	55	-13	-0	0	0	-0	-0	4.4	3.1	0.3	0.0	7.6	3	
8	55	25	0	-0	0	0	0	8.4	4.8	0.1	0.0	13.2	3	
9	55	-5	-0	0	0	-0	-0	1.8	1.5	0.2	0.0	3.3	3	

ASTA NUM. 106 NI 3340 NF 3344 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-64	-0	-0	0	-0	-0	21.1	5.5	0.0	0.0	26.6	3	
7	0	-33	0	0	0	-0	-0	10.8	2.9	0.1	0.0	13.7	3	
8	0	68	1	0	0	0	0	22.5	4.9	0.4	0.0	27.3	3	
9	0	-10	0	-0	0	-0	-0	3.3	1.7	0.2	0.0	5.0	3	
2	27	-64	-0	-0	0	-0	-0	21.1	6.7	0.2	0.0	27.8	3	
7	27	-33	-0	0	0	-0	-0	10.8	3.3	0.1	0.0	14.0	3	
8	27	68	0	0	0	-0	0	22.5	7.9	0.2	0.0	30.3	3	
9	27	-10	-0	-0	0	0	-0	3.3	0.7	0.0	0.0	4.0	3	
2	55	-64	-1	-0	0	0	-0	21.1	10.0	0.4	0.0	31.1	3	
7	55	-33	-0	0	0	-0	-0	10.8	5.8	0.4	0.0	16.6	3	
8	55	68	-0	0	0	-0	0	22.5	8.7	0.0	0.0	31.2	3	
9	55	-10	-0	-0	0	0	-0	3.3	2.0	0.2	0.0	5.3	3	

ASTA NUM. 109 NI 3344 NF 3343 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-87	-0	0	0	0	-0	28.5	9.1	0.2	0.0	37.6	3	
7	0	-49	-0	-0	0	-0	-0	16.1	5.0	0.2	0.0	21.1	3	
8	0	85	0	-0	0	-0	0	27.9	9.3	0.2	0.0	37.1	3	
9	0	-9	0	0	0	0	-0	3.1	1.2	0.2	0.0	4.2	3	
2	5	-87	-0	0	0	-0	-0	28.5	9.6	0.2	0.0	38.1	3	
7	5	-49	-0	-0	0	0	-0	16.1	5.4	0.2	0.0	21.6	3	
8	5	85	0	-0	0	0	0	27.9	9.6	0.2	0.0	37.4	3	
9	5	-9	0	0	0	-0	-0	3.1	1.3	0.2	0.0	4.3	3	
2	10	-87	-0	0	0	-0	-0	28.5	10.2	0.3	0.0	38.7	3	
7	10	-49	-0	-0	0	0	-0	16.1	6.0	0.3	0.0	22.1	3	
8	10	85	-0	-0	0	0	0	27.9	9.9	0.2	0.0	37.7	3	
9	10	-9	0	0	0	-0	-0	3.1	1.5	0.2	0.0	4.6	3	

ASTA NUM. 99 NI 3343 NF 3477 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-96	-0	-0	0	-0	-0	31.6	10.2	0.1	0.0	41.8	3	
7	0	-60	-0	0	0	0	-0	19.7	5.8	0.1	0.0	25.5	3	
8	0	86	0	0	0	0	0	28.5	10.0	0.3	0.0	38.5	3	
9	0	-4	0	-0	0	-0	-0	1.3	1.8	0.3	0.0	3.2	3	
2	14	-96	-0	-0	0	0	-0	31.6	10.9	0.1	0.0	42.5	3	
7	14	-60	-0	0	0	-0	-0	19.7	6.8	0.2	0.0	26.5	3	
8	14	86	-0	0	0	-0	0	28.5	10.6	0.3	0.0	39.0	3	
9	14	-4	0	-0	0	0	-0	1.3	1.3	0.3	0.0	2.7	3	
2	27	-96	-0	-0	0	0	-0	31.6	12.7	0.3	0.0	44.3	3	
7	27	-60	-0	0	0	-0	-0	19.7	8.7	0.3	0.0	28.4	3	

8 27 86 -0 0 0 -0 0 28.5 11.6 0.3 0.0 40.1 3
 9 27 -4 0 -0 0 0 0 1.3 2.5 0.3 0.0 3.8 2

ASTA NUM. 98 NI 3477 NF 3476 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-101	0	1	0	0	-0	33.1	12.5	0.5	0.0	45.6	3	
7	0	-76	-0	-1	0	-0	-0	25.1	8.5	0.5	0.0	33.6	3	
8	0	75	-0	-2	0	-0	0	24.7	11.7	1.2	0.0	36.4	3	
9	0	14	1	2	0	0	0	4.7	2.5	1.2	0.0	7.3	2	
2	14	-101	0	1	0	-0	-0	33.1	12.4	0.5	0.0	45.5	3	
7	14	-76	-0	-1	0	0	-0	25.1	9.8	0.5	0.0	34.9	3	
8	14	75	-0	-2	0	0	0	24.7	11.9	1.2	0.0	36.6	3	
9	14	14	0	2	0	-0	0	4.7	5.2	1.2	0.0	10.0	3	
2	27	-101	-0	1	0	-0	-0	33.1	15.1	0.5	0.0	48.3	3	
7	27	-76	-0	-1	0	0	-0	25.1	13.3	0.5	0.0	38.4	3	
8	27	75	-0	-2	0	0	0	24.7	16.6	1.2	0.0	41.3	3	
9	27	14	0	2	0	-0	0	4.7	12.4	1.2	0.0	17.2	3	

ASTA NUM. 302 NI 3476 NF 1520 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-77	0	1	0	0	-0	25.2	13.3	0.4	0.0	38.5	3	
7	0	-101	0	-1	0	-0	-0	33.1	15.2	0.5	0.0	48.3	3	
8	0	15	-0	-2	0	-0	0	4.9	12.4	1.2	0.0	17.3	3	
9	0	75	0	2	0	0	0	24.6	16.6	1.2	0.0	41.2	3	
2	14	-77	0	1	0	0	-0	25.2	9.8	0.4	0.0	35.0	3	
7	14	-101	-0	-1	0	-0	-0	33.1	12.4	0.5	0.0	45.5	3	
8	14	15	-0	-2	0	-0	0	4.9	5.3	1.2	0.0	10.1	3	
9	14	75	0	2	0	0	0	24.6	11.9	1.2	0.0	36.5	3	
2	27	-77	0	1	0	-0	-0	25.2	8.5	0.4	0.0	33.7	3	
7	27	-101	-0	-1	0	0	-0	33.1	12.5	0.5	0.0	45.6	3	
8	27	15	-1	-2	0	0	0	4.9	2.5	1.2	0.0	7.4	2	
9	27	75	0	2	0	-0	0	24.6	11.6	1.2	0.0	36.3	3	

ASTA NUM. 303 NI 1520 NF 1833 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-60	0	-0	0	-0	-0	19.7	8.7	0.3	0.0	28.4	3	
7	0	-96	0	0	0	0	-0	31.5	12.7	0.3	0.0	44.2	3	
8	0	-4	-0	0	0	0	0	1.2	2.5	0.3	0.0	3.7	2	
9	0	86	0	-0	0	-0	0	28.3	11.6	0.3	0.0	39.9	3	
2	14	-60	0	-0	0	-0	-0	19.7	6.8	0.2	0.0	26.6	3	
7	14	-96	0	0	0	0	-0	31.5	10.9	0.2	0.0	42.4	3	
8	14	-4	-0	0	0	0	-0	1.2	1.3	0.3	0.0	2.5	3	
9	14	86	0	-0	0	-0	0	28.3	10.5	0.3	0.0	38.8	3	
2	27	-60	0	-0	0	0	-0	19.7	5.8	0.1	0.0	25.6	3	
7	27	-96	0	0	0	-0	-0	31.5	10.2	0.1	0.0	41.7	3	
8	27	-4	-0	0	0	-0	-0	1.2	1.7	0.3	0.0	2.9	3	
9	27	86	-0	-0	0	0	0	28.3	10.0	0.3	0.0	38.3	3	

ASTA NUM. 102 NI 1833 NF 1836 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-49	0	0	0	0	-0	16.2	6.0	0.3	0.0	22.2	3	
7	0	-86	0	-0	0	-0	-0	28.4	10.2	0.3	0.0	38.6	3	
8	0	-9	0	-0	0	-0	-0	2.9	1.5	0.2	0.0	4.4	3	

9	0	84	-0	0	0	0	0	27.7	9.9	0.2	0.0	37.6	3
2	5	-49	0	0	0	0	-0	16.2	5.4	0.2	0.0	21.6	3
7	5	-86	0	-0	0	-0	-0	28.4	9.6	0.3	0.0	38.0	3
8	5	-9	-0	-0	0	-0	-0	2.9	1.2	0.2	0.0	4.1	3
9	5	84	-0	0	0	0	0	27.7	9.5	0.2	0.0	37.2	3
2	10	-49	0	0	0	-0	-0	16.2	5.0	0.2	0.0	21.2	3
7	10	-86	0	-0	0	-0	-0	28.4	9.0	0.2	0.0	37.5	3
8	10	-9	-0	-0	0	0	-0	2.9	1.1	0.2	0.0	4.0	3
9	10	84	-0	0	0	-0	0	27.7	9.2	0.2	0.0	36.9	3

ASTA NUM. 104 NI 1836 NF 1835 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-33	0	-0	0	-0	-0	10.8	5.8	0.4	0.0	16.6	3			
7	0	-64	1	0	0	0	-0	21.0	10.0	0.4	0.0	31.0	3			
8	0	-10	0	0	0	0	-0	3.2	1.9	0.2	0.0	5.1	3			
9	0	68	0	-0	0	-0	0	22.3	8.7	0.0	0.0	31.0	3			
2	27	-33	0	-0	0	-0	-0	10.8	3.3	0.1	0.0	14.1	3			
7	27	-64	0	0	0	-0	-0	21.0	6.7	0.2	0.0	27.6	3			
8	27	-10	0	0	0	0	-0	3.2	0.7	0.0	0.0	3.9	3			
9	27	68	-0	-0	0	-0	0	22.3	7.8	0.2	0.0	30.2	3			
2	55	-33	-0	-0	0	-0	-0	10.8	2.9	0.1	0.0	13.7	3			
7	55	-64	0	0	0	-0	-0	21.0	5.5	0.0	0.0	26.5	3			
8	55	-10	-0	0	0	-0	-0	3.2	1.7	0.2	0.0	4.8	3			
9	55	68	-1	-0	0	0	0	22.3	4.8	0.4	0.0	27.2	3			

ASTA NUM. 103 NI 1835 NF 1834 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-14	0	-0	0	-0	-0	4.4	3.1	0.3	0.0	7.6	3			
7	0	-26	1	-0	0	-0	-0	8.5	5.7	0.4	0.0	14.1	3			
8	0	-5	0	-0	0	-0	-0	1.8	1.5	0.2	0.0	3.3	3			
9	0	25	-0	0	0	0	0	8.3	4.8	0.1	0.0	13.1	3			
2	27	-14	0	-0	0	-0	-0	4.4	1.1	0.1	0.0	5.6	3			
7	27	-26	0	-0	0	-0	-0	8.5	2.5	0.2	0.0	11.0	3			
8	27	-5	0	-0	0	-0	0	1.8	0.0	0.0	0.0	1.8	2			
9	27	25	-0	0	0	0	0	8.3	3.2	0.3	0.0	11.5	3			
2	55	-14	-0	-0	0	-0	-0	4.4	1.3	0.1	0.0	5.7	3			
7	55	-26	-0	-0	0	-0	-0	8.5	1.5	0.0	0.0	10.0	3			
8	55	-5	-0	-0	0	-0	-0	1.8	1.1	0.2	0.0	2.9	3			
9	55	25	-1	0	0	0	-0	8.3	0.7	0.5	0.0	9.0	3			

ASTA NUM. 101 NI 1834 NF 1792 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-5	0	-0	0	-0	-0	1.8	0.8	0.1	0.0	2.6	3			
7	0	-7	0	-0	0	-0	-0	2.1	0.9	0.1	0.0	3.0	3			
8	0	-4	0	-0	0	-0	-0	1.3	0.4	0.0	0.0	1.7	3			
9	0	-2	0	0	0	0	0	0.5	0.0	0.0	0.0	0.5	2			
2	5	-5	0	-0	0	-0	-0	1.8	0.6	0.1	0.0	2.4	3			
7	5	-7	0	-0	0	-0	-0	2.1	0.7	0.1	0.0	2.9	3			
8	5	-4	-0	-0	0	-0	-0	1.3	0.4	0.0	0.0	1.8	3			
9	5	-2	-0	0	0	0	0	0.5	0.0	0.0	0.0	0.5	2			
2	10	-5	0	-0	0	0	-0	1.8	0.5	0.0	0.0	2.3	3			
7	10	-7	0	-0	0	-0	-0	2.1	0.6	0.0	0.0	2.8	3			
8	10	-4	-0	-0	0	-0	-0	1.3	0.5	0.1	0.0	1.9	3			
9	10	-2	-0	0	0	0	0	0.5	0.0	0.1	0.0	0.5	2			

ASTA NUM. 100 NI 1792 NF 1940 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.7	0.7	0.2	0.0	1.4	3	
7	0	-4	0	0	0	-0	-0	1.2	0.7	0.1	0.0	1.9	3	
8	0	-4	0	0	0	-0	-0	1.3	0.5	0.1	0.0	1.8	3	
9	0	-0	0	-0	0	0	-0	0.0	0.5	0.2	0.0	0.6	3	
2	14	-2	0	0	0	-0	0	0.7	0.0	0.1	0.0	0.7	2	
7	14	-4	0	0	0	-0	-0	1.2	0.3	0.0	0.0	1.6	3	
8	14	-4	-0	0	0	-0	-0	1.3	0.3	0.0	0.0	1.7	3	
9	14	-0	0	-0	0	0	0	0.0	0.0	0.1	0.0	0.1	2	
2	27	-2	-0	0	0	-0	0	0.7	0.0	0.1	0.0	0.7	2	
7	27	-4	-0	0	0	-0	-0	1.2	0.5	0.1	0.0	1.7	3	
8	27	-4	-0	0	0	-0	-0	1.3	0.7	0.1	0.0	2.0	3	
9	27	-0	-0	-0	0	0	0	0.0	0.0	0.0	0.0	0.1	2	

ASTA NUM. 432 NI 1940 NF 3467 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	3	1	-0	0	-0	-0	0.9	0.7	0.4	0.0	1.6	5	
7	0	-7	0	-0	0	-0	-0	2.3	1.3	0.3	0.0	3.6	3	
8	0	-13	0	-0	0	-0	-0	4.2	1.5	0.2	0.0	5.8	3	
9	0	11	1	0	0	0	0	3.6	0.0	0.4	0.0	3.7	2	
2	14	3	0	-0	0	-0	0	0.9	0.6	0.1	0.0	1.4	3	
7	14	-7	0	-0	0	-0	-0	2.3	0.5	0.0	0.0	2.8	3	
8	14	-13	-0	-0	0	-0	-0	4.2	1.2	0.1	0.0	5.4	3	
9	14	11	0	0	0	0	0	3.6	1.5	0.1	0.0	5.1	3	
2	27	3	-0	-0	0	0	0	0.9	0.0	0.2	0.0	0.9	2	
7	27	-7	-0	-0	0	0	-0	2.3	1.3	0.3	0.0	3.5	1	
8	27	-13	-1	-0	0	0	-0	4.2	2.4	0.4	0.0	6.6	1	
9	27	11	-0	0	0	0	0	3.6	1.4	0.2	0.0	5.0	1	

ASTA NUM. 412 NI 1449 NF 3438 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	-0	-0	1.3	1.2	0.4	0.0	2.5	3	
7	0	3	0	0	0	0	0	1.0	0.0	0.3	0.0	1.1	2	
8	0	8	0	-0	0	0	0	2.6	1.1	0.2	0.0	3.7	3	
9	0	-10	1	0	0	-0	-0	3.3	2.2	0.4	0.0	5.4	3	
2	14	-4	0	0	0	-0	0	1.3	0.0	0.0	0.0	1.3	2	
7	14	3	-0	0	0	-0	0	1.0	0.6	0.1	0.0	1.6	3	
8	14	8	-0	-0	0	0	0	2.6	1.2	0.2	0.0	3.7	3	
9	14	-10	0	0	0	-0	-0	3.3	0.9	0.1	0.0	4.1	3	
2	27	-4	-0	0	0	-0	-0	1.3	0.8	0.3	0.0	2.1	3	
7	27	3	-1	0	0	-0	-0	1.0	0.5	0.4	0.0	1.5	5	
8	27	8	-1	-0	0	0	-0	2.6	0.5	0.5	0.0	3.1	5	
9	27	-10	-0	0	0	-0	-0	3.3	1.1	0.2	0.0	4.4	3	

ASTA NUM. 112 NI 3438 NF 3345 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	-0	0	-0	-0	0.6	0.4	0.1	0.0	1.0	3	
7	0	-1	0	-0	0	-0	0	0.5	0.0	0.1	0.0	0.5	2	
8	0	-2	0	0	0	0	0	0.5	0.0	0.0	0.0	0.5	2	
9	0	-3	0	-0	0	-0	-0	0.9	0.6	0.1	0.0	1.5	3	
2	14	-2	0	-0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2	
7	14	-1	-0	-0	0	-0	0	0.5	0.0	0.0	0.0	0.5	2	
8	14	-2	-0	0	0	0	0	0.5	0.0	0.1	0.0	0.6	2	
9	14	-3	0	-0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2	
2	27	-2	-0	-0	0	-0	-0	0.6	0.4	0.1	0.0	0.9	3	

7	27	-1	-0	-0	0	0	-0	0.5	0.5	0.1	0.0	1.0	3
8	27	-2	-0	0	0	0	-0	0.5	0.8	0.2	0.0	1.3	3
9	27	-3	-0	-0	0	-0	-0	0.9	0.3	0.1	0.0	1.2	3

ASTA NUM. 111 NI 3345 NF 3348 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	-0	-0	1.2	0.4	0.1	0.0	1.6	3	
7	0	-4	0	0	0	0	-0	1.4	0.4	0.0	0.0	1.8	3	
8	0	-4	0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.5	3	
9	0	-2	0	0	0	-0	-0	0.7	0.4	0.1	0.0	1.2	3	
2	5	-4	0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	5	-4	-0	0	0	-0	-0	1.4	0.5	0.0	0.0	1.8	3	
8	5	-4	-0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
9	5	-2	0	0	0	-0	0	0.7	0.0	0.1	0.0	0.7	2	
2	10	-4	-0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	10	-4	-0	0	0	-0	-0	1.4	0.6	0.1	0.0	1.9	3	
8	10	-4	-0	-0	0	0	-0	1.2	0.5	0.1	0.0	1.7	3	
9	10	-2	0	0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	

ASTA NUM. 114 NI 3348 NF 3347 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-22	0	0	0	-0	-0	7.4	1.4	0.0	0.0	8.8	3	
7	0	-11	0	0	0	-0	-0	3.8	1.2	0.1	0.0	5.0	3	
8	0	24	1	-0	0	0	-0	7.8	0.7	0.5	0.0	8.4	3	
9	0	-4	0	0	0	-0	-0	1.3	1.1	0.2	0.0	2.4	3	
2	27	-22	-0	0	0	-0	-0	7.4	2.1	0.2	0.0	9.5	3	
7	27	-11	-0	0	0	-0	-0	3.8	0.9	0.1	0.0	4.7	3	
8	27	24	0	-0	0	0	0	7.8	3.0	0.2	0.0	10.7	3	
9	27	-4	-0	0	0	-0	0	1.3	0.0	0.0	0.0	1.3	2	
2	55	-22	-1	0	0	-0	-0	7.4	5.0	0.4	0.0	12.4	3	
7	55	-11	-0	0	0	-0	-0	3.8	2.8	0.3	0.0	6.6	3	
8	55	24	0	-0	0	0	0	7.8	4.4	0.0	0.0	12.2	3	
9	55	-4	-0	0	0	-0	-0	1.3	1.2	0.2	0.0	2.5	3	

ASTA NUM. 113 NI 3347 NF 3346 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-60	0	-0	0	-0	-0	19.7	5.2	0.0	0.0	24.9	3	
7	0	-29	0	0	0	-0	-0	9.5	2.8	0.1	0.0	12.3	3	
8	0	68	1	0	0	0	0	22.3	4.6	0.4	0.0	26.8	3	
9	0	-10	0	-0	0	-0	-0	3.3	1.4	0.2	0.0	4.7	3	
2	27	-60	-0	-0	0	-0	-0	19.7	6.2	0.2	0.0	25.9	3	
7	27	-29	-0	0	0	-0	-0	9.5	2.9	0.1	0.0	12.4	3	
8	27	68	0	0	0	-0	0	22.3	7.8	0.2	0.0	30.1	3	
9	27	-10	-0	-0	0	0	-0	3.3	0.8	0.0	0.0	4.0	3	
2	55	-60	-1	-0	0	0	-0	19.7	9.5	0.4	0.0	29.2	3	
7	55	-29	-0	0	0	-0	-0	9.5	5.1	0.3	0.0	14.6	3	
8	55	68	-0	0	0	-0	0	22.3	8.9	0.0	0.0	31.2	3	
9	55	-10	-0	-0	0	0	-0	3.3	2.3	0.3	0.0	5.6	3	

ASTA NUM. 110 NI 3346 NF 3349 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-85	0	0	0	0	-0	28.0	9.6	0.2	0.0	37.6	3	
7	0	-41	0	-0	0	-0	-0	13.5	4.6	0.0	0.0	18.1	3	

8	0	92	-0	-0	0	-0	0	30.4	10.5	0.2	0.0	40.8	3
9	0	-18	0	0	0	0	-0	5.8	2.4	0.2	0.0	8.2	3
2	5	-85	0	0	0	-0	-0	28.0	9.4	0.1	0.0	37.4	3
7	5	-41	-0	-0	0	0	-0	13.5	4.5	0.0	0.0	18.1	3
8	5	92	-0	-0	0	0	0	30.4	10.4	0.2	0.0	40.7	3
9	5	-18	0	0	0	-0	-0	5.8	2.1	0.2	0.0	7.9	3
2	10	-85	0	0	0	-0	-0	28.0	9.4	0.1	0.0	37.4	3
7	10	-41	-0	-0	0	0	-0	13.5	4.7	0.0	0.0	18.2	3
8	10	92	-0	-0	0	0	0	30.4	10.3	0.2	0.0	40.7	3
9	10	-18	0	0	0	-0	-0	5.8	2.1	0.2	0.0	7.9	3

ASTA NUM. 121 NI 3349 NF 3495 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-107	-0	-0	0	-0	-0	35.2	10.5	0.2	0.0	45.7	3	
7	0	-49	0	0	0	0	-0	16.0	5.5	0.1	0.0	21.6	3	
8	0	114	1	0	0	0	0	37.5	10.6	0.5	0.0	48.2	3	
9	0	-32	-0	-0	0	-0	-0	10.5	2.4	0.3	0.0	13.0	3	
2	14	-107	-0	-0	0	0	-0	35.2	12.0	0.3	0.0	47.2	3	
7	14	-49	-0	0	0	-0	-0	16.0	5.7	0.1	0.0	21.8	3	
8	14	114	1	0	0	-0	0	37.5	13.6	0.4	0.0	51.1	3	
9	14	-32	-0	-0	0	0	-0	10.5	4.4	0.3	0.0	14.9	3	
2	27	-107	-1	-0	0	0	-1	35.2	14.5	0.4	0.0	49.7	3	
7	27	-49	-0	0	0	-0	-0	16.0	6.7	0.1	0.0	22.8	3	
8	27	114	0	0	0	-0	1	37.5	17.0	0.3	0.0	54.5	3	
9	27	-32	-1	-0	0	0	-0	10.5	7.9	0.5	0.0	18.4	3	

ASTA NUM. 320 NI 3495 NF 3497 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-169	-2	1	0	0	-0	55.5	11.8	1.4	0.0	67.3	3	
7	0	-47	1	-1	0	-0	-0	15.4	9.7	0.8	0.0	25.1	3	
8	0	198	4	-2	0	-0	0	65.1	9.9	2.9	0.0	75.0	3	
9	0	-107	-4	2	0	0	0	35.1	4.1	2.6	0.0	39.2	3	
2	14	-169	-2	1	0	-0	-1	55.5	19.6	1.5	0.0	75.0	3	
7	14	-47	1	-1	0	0	-0	15.4	6.6	0.7	0.0	22.0	3	
8	14	198	4	-2	0	0	1	65.1	25.2	2.8	0.0	90.3	3	
9	14	-107	-4	2	0	-0	-0	35.1	15.0	2.7	0.0	50.2	3	
2	27	-169	-2	1	0	-0	-1	55.5	29.5	1.6	0.0	85.0	3	
7	27	-47	1	-1	0	0	-0	15.4	6.1	0.6	0.0	21.5	3	
8	27	198	4	-2	0	0	1	65.1	44.8	2.7	0.0	109.8	3	
9	27	-107	-4	2	0	-0	-1	35.1	34.7	2.8	0.0	69.9	3	

ASTA NUM. 321 NI 3497 NF 3496 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-47	-1	1	0	0	-0	15.4	6.2	0.6	0.0	21.7	3	
7	0	-168	2	-1	0	-0	-1	55.3	29.3	1.6	0.0	84.6	3	
8	0	-106	4	-2	0	-0	-1	34.8	34.6	2.8	0.0	69.4	3	
9	0	197	-4	2	0	0	1	64.8	44.6	2.7	0.0	109.5	3	
2	14	-47	-1	1	0	0	-0	15.4	6.6	0.7	0.0	22.0	3	
7	14	-168	2	-1	0	-0	-1	55.3	19.5	1.5	0.0	74.7	3	
8	14	-106	4	-2	0	-0	-0	34.8	15.0	2.7	0.0	49.8	3	
9	14	197	-4	2	0	0	1	64.8	25.1	2.8	0.0	90.0	3	
2	27	-47	-1	1	0	-0	-0	15.4	9.8	0.8	0.0	25.2	3	
7	27	-168	2	-1	0	0	-0	55.3	11.8	1.4	0.0	67.0	3	
8	27	-106	3	-2	0	0	0	34.8	4.1	2.6	0.0	39.0	3	
9	27	197	-4	2	0	-0	0	64.8	9.9	2.9	0.0	74.7	3	

ASTA NUM. 117 NI 3496 NF 1978 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-49	0	-0	0	-0	-0	16.1	6.8	0.1	0.0	22.8	3	
7	0	-107	1	0	0	0	-0	35.1	14.4	0.4	0.0	49.5	3	
8	0	-31	1	0	0	0	-0	10.3	7.7	0.4	0.0	18.0	3	
9	0	114	-0	-0	0	-0	1	37.3	16.8	0.3	0.0	54.2	3	
2	14	-49	0	-0	0	-0	-0	16.1	5.7	0.1	0.0	21.8	3	
7	14	-107	0	0	0	0	-0	35.1	11.9	0.3	0.0	47.0	3	
8	14	-31	0	0	0	0	-0	10.3	4.3	0.3	0.0	14.6	3	
9	14	114	-1	-0	0	-0	0	37.3	13.5	0.4	0.0	50.9	3	
2	27	-49	-0	-0	0	0	-0	16.1	5.6	0.1	0.0	21.6	3	
7	27	-107	0	0	0	-0	-0	35.1	10.5	0.2	0.0	45.6	3	
8	27	-31	0	0	0	-0	-0	10.3	2.4	0.3	0.0	12.7	3	
9	27	114	-1	-0	0	0	0	37.3	10.6	0.5	0.0	48.0	3	

ASTA NUM. 118 NI 1978 NF 1945 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-41	0	0	0	0	-0	13.5	4.7	0.1	0.0	18.2	3	
7	0	-85	-0	-0	0	-0	-0	27.9	9.3	0.1	0.0	37.1	3	
8	0	-17	-0	-0	0	-0	-0	5.6	2.0	0.2	0.0	7.6	3	
9	0	92	0	0	0	0	0	30.2	10.2	0.2	0.0	40.4	3	
2	5	-41	0	0	0	0	-0	13.5	4.6	0.1	0.0	18.1	3	
7	5	-85	-0	-0	0	-0	-0	27.9	9.4	0.1	0.0	37.3	3	
8	5	-17	-0	-0	0	-0	-0	5.6	2.1	0.2	0.0	7.7	3	
9	5	92	0	0	0	0	0	30.2	10.3	0.2	0.0	40.5	3	
2	10	-41	-0	0	0	-0	-0	13.5	4.6	0.1	0.0	18.1	3	
7	10	-85	-0	-0	0	0	-0	27.9	9.6	0.2	0.0	37.5	3	
8	10	-17	-0	-0	0	0	-0	5.6	2.4	0.3	0.0	8.0	3	
9	10	92	0	0	0	-0	0	30.2	10.4	0.1	0.0	40.6	3	

ASTA NUM. 115 NI 1945 NF 1943 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-29	0	-0	0	-0	-0	9.5	5.1	0.3	0.0	14.6	3	
7	0	-60	1	0	0	0	-0	19.6	9.4	0.4	0.0	29.1	3	
8	0	-10	0	0	0	0	-0	3.2	2.2	0.3	0.0	5.4	3	
9	0	67	0	-0	0	-0	0	22.2	8.9	0.0	0.0	31.0	3	
2	27	-29	0	-0	0	-0	-0	9.5	2.9	0.1	0.0	12.4	3	
7	27	-60	0	0	0	-0	-0	19.6	6.2	0.2	0.0	25.8	3	
8	27	-10	0	0	0	0	-0	3.2	0.7	0.0	0.0	3.9	3	
9	27	67	-0	-0	0	-0	0	22.2	7.8	0.2	0.0	29.9	3	
2	55	-29	-0	-0	0	-0	-0	9.5	2.8	0.1	0.0	12.3	3	
7	55	-60	-0	0	0	-0	-0	19.6	5.2	0.0	0.0	24.8	3	
8	55	-10	-0	0	0	-0	-0	3.2	1.4	0.2	0.0	4.6	3	
9	55	67	-1	-0	0	0	0	22.2	4.5	0.4	0.0	26.7	3	

ASTA NUM. 116 NI 1943 NF 1979 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	-0	0	-0	-0	3.8	2.8	0.3	0.0	6.5	3	
7	0	-22	1	-0	0	-0	-0	7.3	5.0	0.4	0.0	12.3	3	
8	0	-4	0	0	0	-0	-0	1.2	1.2	0.2	0.0	2.4	3	
9	0	23	-0	-0	0	0	0	7.7	4.4	0.0	0.0	12.0	3	
2	27	-11	0	-0	0	-0	-0	3.8	0.9	0.1	0.0	4.7	3	
7	27	-22	0	-0	0	-0	-0	7.3	2.1	0.2	0.0	9.4	3	
8	27	-4	0	0	0	-0	0	1.2	0.0	0.0	0.0	1.2	2	
9	27	23	-0	-0	0	0	0	7.7	2.9	0.2	0.0	10.6	3	

2	55	-11	-0	-0	0	-0	-0	3.8	1.2	0.1	0.0	5.0	3
7	55	-22	-0	-0	0	-0	-0	7.3	1.4	0.0	0.0	8.7	3
8	55	-4	-0	0	0	-0	-0	1.2	1.1	0.2	0.0	2.4	3
9	55	23	-1	-0	0	0	-0	7.7	0.7	0.5	0.0	8.4	3

ASTA NUM. 119 NI 1979 NF 2011 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-4	0	-0	0	-0	-0	1.4	0.6	0.1	0.0	1.9	3		
7	0	-4	0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3		
8	0	-2	-0	-0	0	-0	0	0.7	0.0	0.1	0.0	0.7	2		
9	0	-4	0	0	0	0	-0	1.2	0.5	0.1	0.0	1.7	3		
2	5	-4	0	-0	0	-0	-0	1.4	0.5	0.0	0.0	1.8	3		
7	5	-4	-0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.5	3		
8	5	-2	-0	-0	0	-0	0	0.7	0.0	0.1	0.0	0.7	2		
9	5	-4	0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3		
2	10	-4	-0	-0	0	0	-0	1.4	0.4	0.0	0.0	1.8	3		
7	10	-4	-0	-0	0	-0	-0	1.2	0.4	0.1	0.0	1.6	3		
8	10	-2	-0	-0	0	-0	-0	0.7	0.4	0.1	0.0	1.1	3		
9	10	-4	-0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3		

ASTA NUM. 120 NI 2011 NF 1980 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1	0	0	0	0	-0	0.5	0.5	0.1	0.0	1.0	3		
7	0	-2	0	0	0	-0	-0	0.6	0.3	0.1	0.0	0.9	3		
8	0	-3	0	0	0	-0	-0	0.8	0.3	0.1	0.0	1.2	3		
9	0	-2	0	-0	0	0	-0	0.5	0.8	0.2	0.0	1.3	3		
2	14	-1	0	0	0	-0	0	0.5	0.0	0.0	0.0	0.5	2		
7	14	-2	-0	0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2		
8	14	-3	-0	0	0	-0	0	0.8	0.0	0.0	0.0	0.9	2		
9	14	-2	0	-0	0	0	0	0.5	0.0	0.1	0.0	0.6	2		
2	27	-1	-0	0	0	-0	0	0.5	0.0	0.1	0.0	0.5	2		
7	27	-2	-0	0	0	-0	-0	0.6	0.4	0.1	0.0	1.0	3		
8	27	-3	-0	0	0	-0	-0	0.8	0.6	0.1	0.0	1.5	3		
9	27	-2	-0	-0	0	0	0	0.5	0.0	0.0	0.0	0.6	2		

ASTA NUM. 431 NI 1980 NF 3465 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	3	1	-0	0	-0	-0	1.0	0.5	0.4	0.0	1.5	5		
7	0	-4	0	-0	0	-0	-0	1.3	0.8	0.3	0.0	2.1	3		
8	0	-10	0	-0	0	-0	-0	3.3	1.1	0.2	0.0	4.4	3		
9	0	8	1	0	0	0	-0	2.6	0.5	0.5	0.0	3.1	5		
2	14	3	0	-0	0	-0	0	1.0	0.6	0.1	0.0	1.6	3		
7	14	-4	-0	-0	0	-0	0	1.3	0.0	0.0	0.0	1.3	2		
8	14	-10	-0	-0	0	-0	-0	3.3	0.9	0.1	0.0	4.1	3		
9	14	8	0	0	0	0	0	2.6	1.2	0.2	0.0	3.8	3		
2	27	3	-0	-0	0	0	0	1.0	0.0	0.3	0.0	1.1	2		
7	27	-4	-0	-0	0	0	-0	1.3	1.2	0.4	0.0	2.5	1		
8	27	-10	-1	-0	0	0	-0	3.3	2.2	0.4	0.0	5.5	1		
9	27	8	-0	0	0	0	0	2.6	1.2	0.2	0.0	3.8	1		

ASTA NUM. 450 NI 1452 NF 3442 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	0	0	0	0	-0	0	0.0	0.0	0.2	0.0	0.4	2		

7	0	-3	0	-0	0	-0	-0	1.1	0.9	0.3	0.0	2.0	3
8	0	-5	1	-0	0	-0	-0	1.8	1.7	0.4	0.0	3.4	3
9	0	3	0	0	0	0	0	1.0	0.7	0.2	0.0	1.7	3
2	14	0	-0	0	0	-0	0	0.0	0.3	0.1	0.0	0.3	3
7	14	-3	-0	-0	0	0	0	1.1	0.0	0.0	0.0	1.1	2
8	14	-5	0	-0	0	0	-0	1.8	0.4	0.1	0.0	2.2	3
9	14	3	-0	0	0	-0	0	1.0	0.7	0.2	0.0	1.7	3
2	27	0	-1	0	0	-0	-0	0.0	1.2	0.4	0.0	1.2	3
7	27	-3	-0	-0	0	0	-0	1.1	1.0	0.3	0.0	2.1	3
8	27	-5	-0	-0	0	0	-0	1.8	0.8	0.2	0.0	2.6	3
9	27	3	-1	0	0	-0	-0	1.0	1.2	0.5	0.0	2.2	3

ASTA NUM. 392 NI 3442 NF 3352 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	-0	0	-0	-0	2.8	0.7	0.1	0.0	3.5	3	
7	0	-6	0	0	0	0	-0	2.1	1.1	0.3	0.0	3.2	3	
8	0	-3	1	0	0	0	-0	0.9	1.6	0.4	0.0	2.5	3	
9	0	-8	0	-0	0	-0	0	2.8	0.2	0.1	0.0	3.0	2	
2	14	-9	-0	-0	0	-0	-0	2.8	0.7	0.2	0.0	3.6	3	
7	14	-6	-0	0	0	0	-0	2.1	0.5	0.0	0.0	2.6	3	
8	14	-3	0	0	0	0	0	0.9	0.1	0.1	0.0	1.1	2	
9	14	-8	-0	-0	0	-0	-0	2.8	0.8	0.2	0.0	3.6	3	
2	27	-9	-1	-0	0	-0	-0	2.8	2.4	0.5	0.0	5.2	3	
7	27	-6	-0	0	0	0	-0	2.1	1.4	0.4	0.0	3.5	3	
8	27	-3	-0	0	0	0	-0	0.9	0.3	0.2	0.0	1.2	3	
9	27	-8	-1	-0	0	-0	-0	2.8	2.7	0.6	0.0	5.5	3	

ASTA NUM. 131 NI 3352 NF 3351 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	-0	0	0	-0	-0	2.6	0.6	0.1	0.0	3.2	3	
7	0	-4	0	-0	0	0	-0	1.3	0.5	0.0	0.0	1.8	3	
8	0	2	0	-0	0	0	0	0.6	0.0	0.3	0.0	0.8	2	
9	0	-8	-0	0	0	-0	-0	2.6	0.6	0.1	0.0	3.2	3	
2	5	-8	-0	0	0	-0	-0	2.6	0.9	0.1	0.0	3.5	3	
7	5	-4	0	-0	0	0	-0	1.3	0.4	0.0	0.0	1.8	3	
8	5	2	0	-0	0	0	0	0.6	0.0	0.2	0.0	0.8	2	
9	5	-8	-0	0	0	-0	-0	2.6	0.9	0.1	0.0	3.4	3	
2	10	-8	-0	0	0	-0	-0	2.6	1.2	0.2	0.0	3.8	3	
7	10	-4	-0	-0	0	0	-0	1.3	0.5	0.0	0.0	1.8	3	
8	10	2	0	-0	0	0	0	0.6	0.6	0.2	0.0	1.3	3	
9	10	-8	-0	0	0	-0	-0	2.6	1.2	0.2	0.0	3.8	3	

ASTA NUM. 129 NI 3351 NF 3350 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-30	-0	-0	0	-0	-0	9.9	1.6	0.0	0.0	11.5	3	
7	0	-9	0	0	0	0	-0	3.0	1.2	0.2	0.0	4.2	3	
8	0	36	1	0	0	0	-0	11.9	0.5	0.6	0.0	12.4	3	
9	0	-17	0	-0	0	-0	-0	5.4	1.4	0.1	0.0	6.9	3	
2	27	-30	-0	-0	0	-0	-0	9.9	3.0	0.2	0.0	12.9	3	
7	27	-9	-0	0	0	-0	-0	3.0	0.6	0.1	0.0	3.6	3	
8	27	36	0	0	0	0	0	11.9	4.4	0.4	0.0	16.3	3	
9	27	-17	-0	-0	0	-0	-0	5.4	1.5	0.1	0.0	6.9	3	
2	55	-30	-1	-0	0	-0	-0	9.9	6.5	0.5	0.0	16.4	3	
7	55	-9	-0	0	0	-0	-0	3.0	2.3	0.3	0.0	5.3	3	
8	55	36	0	0	0	-0	0	11.9	7.0	0.1	0.0	18.9	3	
9	55	-17	-0	-0	0	0	-0	5.4	3.8	0.3	0.0	9.2	3	

ASTA NUM. 130 NI 3350 NF 3354 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.

qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-74	-0	-0	0	-0	-0	24.5	6.3	0.0	0.0	30.7	3	
7	0	-23	0	0	0	-0	-0	7.4	2.2	0.1	0.0	9.7	3	
8	0	94	1	0	0	-0	0	30.8	6.7	0.5	0.0	37.6	3	
9	0	-36	0	-0	0	0	-0	11.8	3.6	0.1	0.0	15.4	3	
2	27	-74	-0	-0	0	0	-0	24.5	7.9	0.3	0.0	32.4	3	
7	27	-23	-0	0	0	-0	-0	7.4	2.2	0.1	0.0	9.7	3	
8	27	94	0	0	0	-0	0	30.8	10.8	0.3	0.0	41.7	3	
9	27	-36	-0	-0	0	0	-0	11.8	3.8	0.1	0.0	15.6	3	
2	55	-74	-1	-0	0	0	-0	24.5	11.7	0.5	0.0	36.2	3	
7	55	-23	-0	0	0	-0	-0	7.4	4.4	0.3	0.0	11.8	3	
8	55	94	0	0	0	-0	0	30.8	12.8	0.1	0.0	43.6	3	
9	55	-36	-0	-0	0	0	-0	11.8	6.1	0.3	0.0	17.9	3	

ASTA NUM. 132 NI 3354 NF 3353 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-99	-0	0	0	0	-0	32.5	10.3	0.3	0.0	42.8	3	
7	0	-37	-0	-0	0	-0	-0	12.3	4.0	0.1	0.0	16.3	3	
8	0	114	0	-0	0	-0	0	37.5	12.2	0.4	0.0	49.7	3	
9	0	-39	-0	0	0	0	-0	12.9	4.2	0.2	0.0	17.1	3	
2	5	-99	-0	0	0	-0	-0	32.5	10.9	0.4	0.0	43.3	3	
7	5	-37	-0	-0	0	-0	-0	12.3	4.1	0.1	0.0	16.4	3	
8	5	114	0	-0	0	0	0	37.5	12.6	0.3	0.0	50.1	3	
9	5	-39	-0	0	0	-0	-0	12.9	4.3	0.2	0.0	17.2	3	
2	10	-99	-1	0	0	-0	-0	32.5	11.7	0.4	0.0	44.2	3	
7	10	-37	-0	-0	0	0	-0	12.3	4.4	0.2	0.0	16.7	3	
8	10	114	0	-0	0	0	0	37.5	13.5	0.3	0.0	51.0	3	
9	10	-39	-0	0	0	-0	-0	12.9	5.2	0.3	0.0	18.1	3	

ASTA NUM. 123 NI 3353 NF 3479 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-107	0	-0	0	-0	-0	35.1	11.6	0.2	0.0	46.8	3	
7	0	-50	-0	0	0	0	-0	16.4	4.4	0.2	0.0	20.8	3	
8	0	112	-0	1	0	0	0	36.9	13.4	0.4	0.0	50.3	3	
9	0	-30	0	-1	0	-0	-0	10.0	5.2	0.4	0.0	15.2	3	
2	14	-107	-0	-0	0	0	-0	35.1	12.4	0.2	0.0	47.5	3	
7	14	-50	-0	0	0	-0	-0	16.4	6.0	0.3	0.0	22.4	3	
8	14	112	-0	1	0	-0	0	36.9	14.1	0.4	0.0	51.0	3	
9	14	-30	0	-1	0	0	-0	10.0	4.9	0.4	0.0	14.9	3	
2	27	-107	-0	-0	0	0	-0	35.1	14.2	0.2	0.0	49.3	3	
7	27	-50	-1	0	0	-0	-0	16.4	8.3	0.4	0.0	24.7	3	
8	27	112	-0	1	0	-0	0	36.9	15.1	0.4	0.0	52.0	3	
9	27	-30	0	-1	0	0	-0	10.0	6.0	0.4	0.0	15.9	3	

ASTA NUM. 122 NI 3479 NF 3478 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-105	0	1	0	0	-0	34.5	14.3	0.7	0.0	48.7	3	
7	0	-74	-0	-1	0	-0	-0	24.4	7.8	0.6	0.0	32.2	3	
8	0	83	-1	-2	0	-0	0	27.2	15.8	1.7	0.0	43.0	3	
9	0	6	1	2	0	0	-0	2.1	6.7	1.7	0.0	8.8	3	
2	14	-105	0	1	0	-0	-0	34.5	13.4	0.7	0.0	47.8	3	
7	14	-74	-0	-1	0	0	-0	24.4	10.0	0.6	0.0	34.5	3	
8	14	83	-1	-2	0	0	0	27.2	14.1	1.7	0.0	41.3	3	
9	14	6	1	2	0	-0	0	2.1	5.7	1.7	0.0	7.8	3	

2	27	-105	0	1	0	-0	-0	34.5	16.5	0.7	0.0	50.9	3
7	27	-74	-1	-1	0	0	-0	24.4	15.4	0.6	0.0	39.8	3
8	27	83	-1	-2	0	0	0	27.2	19.4	1.7	0.0	46.6	3
9	27	6	1	2	0	-0	0	2.1	17.5	1.7	0.0	19.6	3

ASTA NUM. 306 NI 3478 NF 1522 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-74	1	1	0	0	-0	24.3	15.2	0.6	0.0	39.6	3		
7	0	-106	-0	-1	0	-0	-0	34.7	16.7	0.7	0.0	51.4	3		
8	0	5	-1	-2	0	-0	0	1.8	17.1	1.7	0.0	18.9	3		
9	0	84	1	2	0	0	0	27.7	19.7	1.7	0.0	47.3	3		
2	14	-74	0	1	0	0	-0	24.3	10.1	0.6	0.0	34.4	3		
7	14	-106	-0	-1	0	-0	-0	34.7	13.4	0.7	0.0	48.1	3		
8	14	5	-1	-2	0	-0	0	1.8	5.6	1.7	0.0	7.3	3		
9	14	84	1	2	0	0	0	27.7	14.2	1.7	0.0	41.9	3		
2	27	-74	0	1	0	-0	-0	24.3	7.6	0.6	0.0	31.9	3		
7	27	-106	-0	-1	0	0	-0	34.7	14.4	0.7	0.0	49.1	3		
8	27	5	-1	-2	0	0	-0	1.8	6.5	1.7	0.0	8.3	3		
9	27	84	1	2	0	-0	0	27.7	15.8	1.7	0.0	43.5	3		

ASTA NUM. 307 NI 1522 NF 2062 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-51	1	-0	0	-0	-0	16.7	8.3	0.4	0.0	25.0	3		
7	0	-102	1	0	0	0	-0	33.7	15.1	0.4	0.0	48.8	3		
8	0	-25	0	0	0	0	-0	8.2	6.2	0.3	0.0	14.4	3		
9	0	105	-0	-1	0	-0	0	34.4	16.0	0.4	0.0	50.4	3		
2	14	-51	0	-0	0	-0	-0	16.7	6.2	0.3	0.0	22.9	3		
7	14	-102	0	0	0	0	-0	33.7	12.0	0.3	0.0	45.7	3		
8	14	-25	-0	0	0	0	-0	8.2	4.6	0.3	0.0	12.8	3		
9	14	105	-0	-1	0	-0	0	34.4	13.5	0.4	0.0	47.9	3		
2	27	-51	0	-0	0	-0	-0	16.7	4.6	0.2	0.0	21.3	3		
7	27	-102	0	0	0	-0	-0	33.7	10.0	0.2	0.0	43.7	3		
8	27	-25	-0	0	0	0	-0	8.2	3.5	0.3	0.0	11.7	3		
9	27	105	-0	-1	0	-0	0	34.4	10.5	0.4	0.0	44.9	3		

ASTA NUM. 126 NI 2062 NF 2128 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-37	-0	-0	0	-0	-0	12.1	3.9	0.2	0.0	16.0	3		
7	0	-97	1	-0	0	-0	-0	32.0	12.1	0.7	0.0	44.2	3		
8	0	-39	1	0	0	0	-0	12.8	6.4	1.1	0.0	19.3	3		
9	0	113	-2	-0	0	-0	1	37.2	14.6	1.1	0.0	51.7	3		
2	5	-37	-0	-0	0	-0	-0	12.1	4.2	0.3	0.0	16.2	3		
7	5	-97	1	-0	0	-0	-0	32.0	10.8	0.6	0.0	42.9	3		
8	5	-39	1	0	0	0	-0	12.8	4.3	1.1	0.0	17.1	3		
9	5	113	-2	-0	0	0	0	37.2	12.5	1.2	0.0	49.6	3		
2	10	-37	-0	-0	0	0	-0	12.1	4.6	0.3	0.0	16.7	3		
7	10	-97	1	-0	0	-0	-0	32.0	9.6	0.6	0.0	41.7	3		
8	10	-39	1	0	0	-0	-0	12.8	2.4	1.0	0.0	15.2	3		
9	10	113	-2	-0	0	0	0	37.2	10.3	1.2	0.0	47.5	3		

ASTA NUM. 128 NI 2128 NF 2126 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							

2	0	-21	0	0	0	0	-0	7.0	3.8	0.3	0.0	10.8	3
7	0	-74	1	-0	0	-0	-0	24.4	11.0	0.4	0.0	35.5	3
8	0	-38	0	-0	0	-0	-0	12.4	6.0	0.3	0.0	18.4	3
9	0	95	-0	0	0	0	0	31.3	12.3	0.0	0.0	43.6	3
2	27	-21	0	0	0	-0	-0	7.0	2.0	0.1	0.0	8.9	3
7	27	-74	0	-0	0	0	-0	24.4	7.8	0.2	0.0	32.2	3
8	27	-38	0	-0	0	0	-0	12.4	3.8	0.1	0.0	16.1	3
9	27	95	-0	0	0	-0	0	31.3	10.8	0.2	0.0	42.2	3
2	55	-21	-0	0	0	-0	-0	7.0	2.4	0.1	0.0	9.4	3
7	55	-74	-0	-0	0	0	-0	24.4	6.8	0.0	0.0	31.2	3
8	55	-38	-0	-0	0	0	-0	12.4	3.9	0.1	0.0	16.2	3
9	55	95	-1	0	0	-0	0	31.3	7.4	0.5	0.0	38.8	3

ASTA NUM. 127 NI 2126 NF 2064 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	-0	-0	3.2	2.3	0.3	0.0	5.5	3	
7	0	-30	1	0	0	0	-0	9.7	6.5	0.5	0.0	16.3	3	
8	0	-15	0	-0	0	0	-0	4.8	3.9	0.4	0.0	8.7	3	
9	0	35	-0	-0	0	-0	0	11.4	7.1	0.2	0.0	18.5	3	
2	27	-10	0	0	0	-0	-0	3.2	0.8	0.0	0.0	4.0	3	
7	27	-30	0	0	0	0	-0	9.7	2.9	0.3	0.0	12.6	3	
8	27	-15	0	-0	0	0	-0	4.8	1.4	0.1	0.0	6.2	3	
9	27	35	-1	-0	0	-0	0	11.4	4.3	0.4	0.0	15.7	3	
2	55	-10	-0	0	0	-0	-0	3.2	1.5	0.2	0.0	4.7	3	
7	55	-30	0	0	0	0	-0	9.7	1.5	0.0	0.0	11.2	3	
8	55	-15	-0	-0	0	0	-0	4.8	1.1	0.1	0.0	5.9	3	
9	55	35	-1	-0	0	-0	-0	11.4	0.9	0.6	0.0	12.3	3	

ASTA NUM. 125 NI 2064 NF 2060 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	-0	-0	0	-0	0	1.3	0.1	0.2	0.0	1.5	2	
7	0	-7	1	0	0	0	-0	2.4	1.5	0.4	0.0	3.9	3	
8	0	-7	1	0	0	0	-0	2.3	2.2	0.7	0.0	4.5	3	
9	0	1	-1	-0	0	-0	0	0.4	1.7	0.7	0.0	2.1	5	
2	5	-4	-0	-0	0	0	-0	1.3	0.5	0.2	0.0	1.8	3	
7	5	-7	0	0	0	-0	-0	2.4	0.9	0.3	0.0	3.3	3	
8	5	-7	1	0	0	-0	-0	2.3	1.0	0.7	0.0	3.3	5	
9	5	1	-1	-0	0	0	0	0.4	0.2	0.8	0.0	1.5	2	
2	10	-4	-0	-0	0	0	-0	1.3	1.2	0.3	0.0	2.5	3	
7	10	-7	0	0	0	-0	0	2.4	0.2	0.3	0.0	2.7	2	
8	10	-7	1	0	0	-0	0	2.3	1.1	0.7	0.0	3.4	3	
9	10	1	-1	-0	0	0	-0	0.4	1.9	0.8	0.0	2.3	5	

ASTA NUM. 124 NI 2060 NF 2132 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	0	0	0	0	0.4	0.2	0.1	0.0	0.6	2	
7	0	-4	0	-0	0	-0	-0	1.3	1.2	0.2	0.0	2.4	3	
8	0	-5	0	-0	0	-0	-0	1.8	1.9	0.2	0.0	3.7	3	
9	0	2	0	0	0	0	0	0.5	0.9	0.1	0.0	1.4	3	
2	14	-1	-0	0	0	0	0	0.4	0.1	0.0	0.0	0.4	2	
7	14	-4	0	-0	0	-0	-0	1.3	0.4	0.1	0.0	1.7	3	
8	14	-5	0	-0	0	-0	-0	1.8	0.7	0.1	0.0	2.5	3	
9	14	2	-0	0	0	0	0	0.5	0.2	0.1	0.0	0.7	2	
2	27	-1	-0	0	0	-0	-0	0.4	0.5	0.1	0.0	0.8	3	
7	27	-4	-0	-0	0	0	-0	1.3	0.3	0.0	0.0	1.6	3	
8	27	-5	-0	-0	0	0	0	1.8	0.2	0.1	0.0	2.0	2	
9	27	2	-0	0	0	-0	-0	0.5	0.6	0.2	0.0	1.1	3	

ASTA NUM. 428 NI 2132 NF 3459 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	-0	0	-0	-0	1.1	0.9	0.3	0.0	2.1	3	
7	0	1	1	0	0	0	-0	0.2	1.1	0.4	0.0	1.3	3	
8	0	4	1	0	0	0	-0	1.3	1.2	0.5	0.0	2.6	3	
9	0	-6	0	-0	0	-0	-0	2.0	0.7	0.2	0.0	2.7	3	
2	14	-3	-0	-0	0	-0	0	1.1	0.1	0.0	0.0	1.2	2	
7	14	1	0	0	0	0	0	0.2	0.4	0.1	0.0	0.5	3	
8	14	4	0	0	0	0	0	1.3	0.8	0.2	0.0	2.1	3	
9	14	-6	-0	-0	0	-0	-0	2.0	0.5	0.1	0.0	2.5	3	
2	27	-3	-0	-0	0	0	-0	1.1	1.0	0.3	0.0	2.1	1	
7	27	1	-0	0	0	0	0	0.2	0.0	0.2	0.0	0.4	2	
8	27	4	-0	0	0	-0	0	1.3	0.9	0.1	0.0	2.2	1	
9	27	-6	-1	-0	0	0	-0	2.0	1.9	0.5	0.0	3.9	1	

ASTA NUM. 401 NI 1453 NF 3444 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	6	0	0	0	0	0	2.1	0.0	0.3	0.0	2.2	2	
7	0	-6	0	-0	0	-0	-0	1.8	1.2	0.3	0.0	3.0	3	
8	0	-16	0	-0	0	-0	-0	5.3	2.2	0.3	0.0	7.5	3	
9	0	14	0	0	0	0	0	4.7	1.2	0.3	0.0	5.8	3	
2	14	6	0	0	0	-0	0	2.1	1.0	0.0	0.0	3.1	3	
7	14	-6	0	-0	0	0	-0	1.8	0.4	0.0	0.0	2.2	3	
8	14	-16	-0	-0	0	0	-0	5.3	1.6	0.0	0.0	6.9	3	
9	14	14	-0	0	0	-0	0	4.7	1.9	0.0	0.0	6.6	3	
2	27	6	-0	0	0	-0	0	2.1	0.0	0.3	0.0	2.2	2	
7	27	-6	-0	-0	0	0	-0	1.8	1.2	0.3	0.0	3.0	3	
8	27	-16	-0	-0	0	0	-0	5.3	2.5	0.3	0.0	7.8	3	
9	27	14	-0	0	0	-0	0	4.7	1.0	0.3	0.0	5.7	3	

ASTA NUM. 135 NI 3444 NF 3355 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1	0	-0	0	-0	0	0.3	0.1	0.1	0.0	0.4	2	
7	0	-3	0	0	0	0	-0	1.1	0.5	0.1	0.0	1.6	3	
8	0	-8	0	0	0	0	-0	2.5	1.1	0.1	0.0	3.5	3	
9	0	3	0	-0	0	-0	0	1.1	0.5	0.1	0.0	1.5	3	
2	14	1	-0	-0	0	-0	0	0.3	0.0	0.0	0.0	0.4	2	
7	14	-3	-0	0	0	0	-0	1.1	0.3	0.0	0.0	1.4	3	
8	14	-8	-0	0	0	0	-0	2.5	0.8	0.0	0.0	3.3	3	
9	14	3	-0	-0	0	-0	0	1.1	0.5	0.0	0.0	1.6	3	
2	27	1	-0	-0	0	-0	0	0.3	0.0	0.1	0.0	0.4	2	
7	27	-3	-0	0	0	0	-0	1.1	0.6	0.1	0.0	1.7	3	
8	27	-8	-0	0	0	0	-0	2.5	1.1	0.1	0.0	3.5	3	
9	27	3	-0	-0	0	-0	0	1.1	0.0	0.1	0.0	1.1	2	

ASTA NUM. 134 NI 3355 NF 3358 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	-0	-0	0.8	0.3	0.0	0.0	1.1	3	
7	0	-4	0	-0	0	0	-0	1.5	0.5	0.0	0.0	2.0	3	
8	0	-5	0	-0	0	0	-0	1.8	0.7	0.1	0.0	2.5	3	
9	0	-1	0	0	0	-0	0	0.2	0.0	0.1	0.0	0.2	5	
2	5	-2	-0	0	0	-0	0	0.8	0.1	0.0	0.0	0.9	2	
7	5	-4	-0	-0	0	0	-0	1.5	0.5	0.0	0.0	2.0	3	
8	5	-5	0	-0	0	0	-0	1.8	0.7	0.1	0.0	2.5	3	

9	5	-1	0	0	0	-0	0	0.2	0.1	0.1	0.0	0.3	2
2	10	-2	-0	0	0	-0	-0	0.8	0.5	0.0	0.0	1.3	3
7	10	-4	-0	-0	0	0	-0	1.5	0.6	0.0	0.0	2.1	3
8	10	-5	-0	-0	0	0	-0	1.8	0.9	0.1	0.0	2.6	3
9	10	-1	-0	0	0	-0	0	0.2	0.3	0.1	0.0	0.4	2

ASTA NUM. 137 NI 3358 NF 3357 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-25	-0	-0	0	-0	-0	8.3	1.4	0.0	0.0	9.7	3	
7	0	-8	0	0	0	0	-0	2.6	1.3	0.2	0.0	4.0	3	
8	0	31	1	0	0	0	-0	10.3	1.1	0.6	0.0	11.5	3	
9	0	-12	0	-0	0	-0	-0	3.9	1.2	0.1	0.0	5.2	3	
2	27	-25	-0	-0	0	0	-0	8.3	2.4	0.2	0.0	10.7	3	
7	27	-8	-0	0	0	-0	-0	2.6	0.6	0.0	0.0	3.2	3	
8	27	31	0	0	0	-0	0	10.3	3.9	0.4	0.0	14.2	3	
9	27	-12	-0	-0	0	0	-0	3.9	1.0	0.1	0.0	5.0	3	
2	55	-25	-1	-0	0	0	-0	8.3	5.9	0.4	0.0	14.2	3	
7	55	-8	-0	0	0	-0	-0	2.6	2.1	0.2	0.0	4.7	3	
8	55	31	0	0	0	-0	0	10.3	6.7	0.1	0.0	17.1	3	
9	55	-12	-0	-0	0	0	-0	3.9	3.6	0.3	0.0	7.5	3	

ASTA NUM. 136 NI 3357 NF 3356 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-74	-0	0	0	0	-0	24.2	5.8	0.1	0.0	30.0	3	
7	0	-15	0	-0	0	-0	-0	5.0	2.4	0.2	0.0	7.5	3	
8	0	101	1	-0	0	-0	0	33.4	6.2	0.7	0.0	39.6	3	
9	0	-44	-0	0	0	0	-0	14.5	3.1	0.1	0.0	17.6	3	
2	27	-74	-0	0	0	-0	-0	24.2	8.2	0.3	0.0	32.3	3	
7	27	-15	-0	-0	0	0	-0	5.0	1.6	0.0	0.0	6.7	3	
8	27	101	1	-0	0	0	0	33.4	12.4	0.5	0.0	45.8	3	
9	27	-44	-0	0	0	-0	-0	14.5	5.4	0.3	0.0	19.9	3	
2	55	-74	-1	0	0	-0	-0	24.2	13.1	0.5	0.0	37.2	3	
7	55	-15	-0	-0	0	0	-0	5.0	3.4	0.2	0.0	8.4	3	
8	55	101	0	-0	0	0	1	33.4	17.3	0.2	0.0	50.6	3	
9	55	-44	-1	0	0	-0	-0	14.5	10.7	0.5	0.0	25.2	3	

ASTA NUM. 133 NI 3356 NF 3359 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-138	-0	-1	0	-0	-0	45.3	13.2	0.4	0.0	58.5	3	
7	0	-14	0	0	0	0	-0	4.6	2.8	0.3	0.0	7.5	3	
8	0	194	1	1	0	0	1	63.9	18.5	1.0	0.0	82.4	3	
9	0	-115	-1	-1	0	-0	-0	37.7	11.2	1.0	0.0	48.9	3	
2	5	-138	-0	-1	0	-0	-0	45.3	13.1	0.4	0.0	58.3	3	
7	5	-14	0	0	0	0	-0	4.6	1.9	0.3	0.0	6.5	3	
8	5	194	1	1	0	0	1	63.9	18.2	1.0	0.0	82.1	3	
9	5	-115	-1	-1	0	-0	-0	37.7	10.2	1.0	0.0	47.9	3	
2	10	-138	-1	-1	0	0	-0	45.3	14.0	0.4	0.0	59.3	3	
7	10	-14	0	0	0	-0	-0	4.6	2.1	0.3	0.0	6.8	3	
8	10	194	1	1	0	-0	1	63.9	20.5	1.0	0.0	84.5	3	
9	10	-115	-1	-1	0	0	-0	37.7	12.0	1.0	0.0	49.7	3	

ASTA NUM. 144 NI 3359 NF 3501 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-138	-1	-1	0	0	-0	45.3	14.0	0.4	0.0	59.3	3
7	0	-14	0	0	0	-0	-0	4.6	2.1	0.3	0.0	6.8	3
8	0	194	1	1	0	-0	1	63.9	20.5	1.0	0.0	84.5	3
9	0	-115	-1	-1	0	0	-0	37.7	12.0	1.0	0.0	49.7	3
2	14	-138	-1	-1	0	0	-1	45.3	18.6	0.5	0.0	63.8	3
7	14	-14	-0	0	0	-0	-0	4.6	3.7	0.3	0.0	8.3	3
8	14	194	1	1	0	-0	1	63.9	29.0	1.0	0.0	93.0	3
9	14	-115	-1	-1	0	0	-0	37.7	19.8	1.0	0.0	57.5	3
2	27	-138	-1	-1	0	0	-1	45.3	23.6	0.6	0.0	68.9	3
7	27	-14	-0	0	0	-0	-0	4.6	5.7	0.3	0.0	10.3	3
8	27	194	1	1	0	-0	1	63.9	37.0	1.0	0.0	100.9	3
9	27	-115	-1	-1	0	0	-1	37.7	28.1	1.0	0.0	65.8	3

ASTA NUM. 324 NI 3501 NF 3503 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-182	1	3	0	0	-1	59.8	28.9	1.9	0.0	88.7	3	
7	0	-34	-1	-2	0	-0	0	11.2	6.0	1.8	0.0	17.2	3	
8	0	230	-3	-6	0	-0	1	75.6	48.3	4.7	0.0	123.9	3	
9	0	-139	4	6	0	0	-1	45.9	39.1	4.7	0.0	84.9	3	
2	14	-182	1	3	0	-0	-1	59.8	24.7	1.9	0.0	84.5	3	
7	14	-34	-2	-2	0	0	-0	11.2	8.7	1.8	0.0	20.0	3	
8	14	230	-3	-6	0	0	1	75.6	37.6	4.7	0.0	113.1	3	
9	14	-139	3	6	0	-0	-1	45.9	27.5	4.7	0.0	73.3	3	
2	27	-182	1	3	0	-1	-1	59.8	30.8	1.9	0.0	90.5	3	
7	27	-34	-2	-2	0	1	-0	11.2	24.0	1.8	0.0	35.3	3	
8	27	230	-3	-6	0	1	0	75.6	48.6	4.7	0.0	124.2	3	
9	27	-139	3	6	0	-1	-0	45.9	38.7	4.7	0.0	84.6	3	

ASTA NUM. 325 NI 3503 NF 3502 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-33	2	3	0	1	-0	10.9	24.2	1.9	0.0	35.1	3	
7	0	-182	-1	-3	0	-1	-1	60.0	31.2	2.0	0.0	91.2	3	
8	0	-141	-3	-7	0	-1	-0	46.4	39.6	4.9	0.0	86.0	3	
9	0	232	3	7	0	1	0	76.4	49.6	4.9	0.0	126.1	3	
2	14	-33	2	3	0	0	-0	10.9	8.4	1.9	0.0	19.4	3	
7	14	-182	-1	-3	0	-0	-1	60.0	24.5	2.0	0.0	84.6	3	
8	14	-141	-3	-7	0	-0	-1	46.4	27.1	4.9	0.0	73.5	3	
9	14	232	3	7	0	0	1	76.4	37.4	4.9	0.0	113.8	3	
2	27	-33	1	3	0	-0	0	10.9	6.7	1.9	0.0	17.6	3	
7	27	-182	-1	-3	0	0	-1	60.0	29.7	2.0	0.0	89.7	3	
8	27	-141	-3	-7	0	0	-1	46.4	40.8	4.9	0.0	87.2	3	
9	27	232	3	7	0	-0	1	76.4	50.1	4.9	0.0	126.6	3	

ASTA NUM. 140 NI 3502 NF 2214 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	-1	0	-0	-0	3.6	6.1	0.5	0.0	9.7	3	
7	0	-143	1	1	0	0	-1	47.0	24.8	0.8	0.0	71.8	3	
8	0	-125	1	2	0	0	-1	41.2	30.2	1.6	0.0	71.5	3	
9	0	205	-1	-2	0	-0	1	67.5	39.8	1.6	0.0	107.4	3	
2	14	-11	0	-1	0	-0	-0	3.6	3.0	0.5	0.0	6.5	3	
7	14	-143	1	1	0	0	-1	47.0	17.6	0.7	0.0	64.7	3	
8	14	-125	1	2	0	0	-1	41.2	18.5	1.6	0.0	59.8	3	
9	14	205	-1	-2	0	-0	1	67.5	27.5	1.6	0.0	95.0	3	
2	27	-11	-0	-1	0	0	-0	3.6	2.2	0.5	0.0	5.8	3	
7	27	-143	1	1	0	-0	-0	47.0	14.1	0.7	0.0	61.1	3	
8	27	-125	1	2	0	-0	-0	41.2	13.6	1.6	0.0	54.9	3	
9	27	205	-1	-2	0	0	1	67.5	20.7	1.6	0.0	88.2	3	

ASTA NUM. 141 NI 2214 NF 2175 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-14	0	0	0	0	-0	4.5	2.8	0.2	0.0	7.3	3	
7	0	-113	0	-1	0	-0	-0	37.1	14.2	0.5	0.0	51.2	3	
8	0	-87	-0	-1	0	-0	-0	28.6	12.5	0.9	0.0	41.1	3	
9	0	161	0	1	0	0	1	52.9	20.6	0.8	0.0	73.5	3	
2	5	-14	0	0	0	0	-0	4.5	2.0	0.2	0.0	6.5	3	
7	5	-113	0	-1	0	-0	-0	37.1	13.1	0.5	0.0	50.1	3	
8	5	-87	-0	-1	0	-0	-0	28.6	11.1	0.9	0.0	39.7	3	
9	5	161	0	1	0	0	1	52.9	19.1	0.8	0.0	72.0	3	
2	10	-14	0	0	0	0	-0	4.5	1.3	0.2	0.0	5.8	3	
7	10	-113	0	-1	0	0	-0	37.1	12.3	0.5	0.0	49.4	3	
8	10	-87	-0	-1	0	0	-0	28.6	9.8	0.9	0.0	38.4	3	
9	10	161	-0	1	0	-0	1	52.9	17.7	0.8	0.0	70.6	3	

ASTA NUM. 138 NI 2175 NF 2174 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-16	0	0	0	0	-0	5.3	2.8	0.2	0.0	8.2	3	
7	0	-73	1	0	0	0	-0	23.9	11.4	0.5	0.0	35.2	3	
8	0	-42	1	0	0	0	-0	13.7	7.5	0.4	0.0	21.3	3	
9	0	99	-0	-0	0	-0	1	32.6	13.8	0.1	0.0	46.4	3	
2	27	-16	0	0	0	0	-0	5.3	1.5	0.0	0.0	6.8	3	
7	27	-73	0	0	0	-0	-0	23.9	7.7	0.3	0.0	31.5	3	
8	27	-42	0	0	0	-0	-0	13.7	4.3	0.2	0.0	18.1	3	
9	27	99	-0	-0	0	0	0	32.6	11.4	0.4	0.0	44.0	3	
2	55	-16	-0	0	0	0	-0	5.3	2.3	0.2	0.0	7.6	3	
7	55	-73	0	0	0	-0	-0	23.9	6.4	0.0	0.0	30.3	3	
8	55	-42	0	0	0	-0	-0	13.7	3.4	0.0	0.0	17.1	3	
9	55	99	-1	-0	0	0	0	32.6	6.9	0.6	0.0	39.5	3	

ASTA NUM. 139 NI 2174 NF 2215 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	0	0	0	-0	2.3	2.0	0.3	0.0	4.3	3	
7	0	-26	1	-0	0	-0	-0	8.5	5.9	0.4	0.0	14.4	3	
8	0	-14	0	-0	0	-0	-0	4.5	3.3	0.3	0.0	7.8	3	
9	0	33	-0	0	0	0	0	11.0	6.5	0.1	0.0	17.5	3	
2	27	-7	0	0	0	-0	-0	2.3	0.5	0.0	0.0	2.8	3	
7	27	-26	0	-0	0	-0	-0	8.5	2.5	0.2	0.0	11.1	3	
8	27	-14	0	-0	0	-0	-0	4.5	1.2	0.1	0.0	5.7	3	
9	27	33	-0	0	0	0	0	11.0	4.1	0.3	0.0	15.1	3	
2	55	-7	-0	0	0	-0	-0	2.3	1.1	0.2	0.0	3.5	3	
7	55	-26	-0	-0	0	0	-0	8.5	1.6	0.0	0.0	10.2	3	
8	55	-14	-0	-0	0	0	-0	4.5	1.7	0.1	0.0	6.2	3	
9	55	33	-1	0	0	-0	0	11.0	0.3	0.5	0.0	11.3	2	

ASTA NUM. 142 NI 2215 NF 2251 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	-0	-0	1.4	1.0	0.3	0.0	2.4	3	
7	0	-2	-0	0	0	0	0	0.7	0.1	0.1	0.0	0.9	2	
8	0	-1	-1	0	0	0	0	0.2	1.2	0.5	0.0	1.5	5	
9	0	-5	1	-0	0	-0	-0	1.7	1.8	0.5	0.0	3.6	3	
2	5	-4	0	-0	0	0	-0	1.4	0.5	0.2	0.0	1.9	3	
7	5	-2	-0	0	0	-0	0	0.7	0.0	0.2	0.0	0.8	2	

8	5	-1	-1	0	0	-0	0	0.2	0.1	0.6	0.0	1.0	2
9	5	-5	1	-0	0	0	-0	1.7	0.7	0.5	0.0	2.5	5
2	10	-4	0	-0	0	0	0	1.4	0.3	0.2	0.0	1.7	2
7	10	-2	-0	0	0	-0	-0	0.7	0.8	0.2	0.0	1.5	3
8	10	-1	-1	0	0	-0	-0	0.2	1.7	0.6	0.0	1.9	5
9	10	-5	1	-0	0	0	0	1.7	0.9	0.5	0.0	2.6	3

ASTA NUM. 143 NI 2251 NF 2250 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	0	-0	1.4	1.0	0.1	0.0	2.4	3	
7	0	2	0	-0	0	-0	0	0.7	0.2	0.1	0.0	0.9	2	
8	0	6	0	-0	0	-0	0	1.9	1.0	0.1	0.0	2.9	3	
9	0	-10	0	0	0	0	-0	3.2	2.0	0.1	0.0	5.2	3	
2	14	-4	0	0	0	0	-0	1.4	0.4	0.0	0.0	1.8	3	
7	14	2	0	-0	0	-0	0	0.7	0.4	0.0	0.0	1.1	3	
8	14	6	-0	-0	0	-0	0	1.9	0.9	0.1	0.0	2.8	3	
9	14	-10	0	0	0	0	-0	3.2	1.2	0.1	0.0	4.4	3	
2	27	-4	-0	0	0	-0	-0	1.4	0.7	0.1	0.0	2.1	3	
7	27	2	-0	-0	0	0	0	0.7	0.0	0.1	0.0	0.7	2	
8	27	6	-0	-0	0	0	0	1.9	0.7	0.1	0.0	2.6	3	
9	27	-10	-0	0	0	-0	-0	3.2	1.3	0.1	0.0	4.5	3	

ASTA NUM. 441 NI 2250 NF 3457 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	-0	0	-0	-0	2.1	1.4	0.3	0.0	3.5	3	
7	0	8	0	0	0	0	0	2.6	0.4	0.3	0.0	3.0	3	
8	0	16	0	0	0	0	0	5.4	1.5	0.3	0.0	6.9	3	
9	0	-19	0	-0	0	-0	-0	6.2	3.1	0.4	0.0	9.2	3	
2	14	-6	0	-0	0	-0	-0	2.1	0.5	0.0	0.0	2.6	3	
7	14	8	-0	0	0	0	0	2.6	1.2	0.0	0.0	3.7	3	
8	14	16	0	0	0	0	0	5.4	2.2	0.0	0.0	7.7	3	
9	14	-19	0	-0	0	-0	-0	6.2	1.9	0.0	0.0	8.1	3	
2	27	-6	-0	-0	0	0	-0	2.1	1.2	0.3	0.0	3.3	1	
7	27	8	-0	0	0	0	0	2.6	0.3	0.3	0.0	2.9	1	
8	27	16	-0	0	0	0	0	5.4	1.4	0.3	0.0	6.8	1	
9	27	-19	-0	-0	0	0	-0	6.2	2.4	0.3	0.0	8.6	1	

ASTA NUM. 403 NI 1455 NF 3448 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	0	-0	0	0	0	0.8	0.5	0.2	0.0	1.3	1	
7	0	-5	0	0	0	-0	-0	1.7	1.4	0.4	0.0	3.1	3	
8	0	-10	1	0	0	-0	-0	3.4	2.9	0.6	0.0	6.3	3	
9	0	8	0	-0	0	0	0	2.8	1.9	0.0	0.0	4.7	3	
2	14	2	-0	-0	0	0	0	0.8	0.6	0.2	0.0	1.3	3	
7	14	-5	0	0	0	-0	-0	1.7	0.3	0.1	0.0	2.0	3	
8	14	-10	0	0	0	-0	-0	3.4	0.9	0.2	0.0	4.3	3	
9	14	8	-0	-0	0	0	0	2.8	1.3	0.3	0.0	4.0	3	
2	27	2	-1	-0	0	0	-0	0.8	1.1	0.5	0.0	1.9	3	
7	27	-5	-0	0	0	-0	-0	1.7	0.9	0.3	0.0	2.6	3	
8	27	-10	-0	0	0	-0	-0	3.4	0.6	0.1	0.0	4.0	3	
9	27	8	-1	-0	0	0	-0	2.8	1.1	0.6	0.0	3.9	3	

ASTA NUM. 154 NI 3448 NF 3362 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-3	0	0	0	0	0	1.1	0.1	0.0	0.0	1.2	2
7	0	-2	0	-0	0	-0	-0	0.7	0.5	0.1	0.0	1.1	3
8	0	-0	0	-0	0	-0	-0	0.1	0.8	0.2	0.0	0.9	3
9	0	-4	-0	0	0	0	0	1.2	0.1	0.0	0.0	1.3	2
2	14	-3	-0	0	0	0	-0	1.1	0.3	0.1	0.0	1.4	3
7	14	-2	0	-0	0	0	0	0.7	0.0	0.0	0.0	0.7	2
8	14	-0	0	-0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2
9	14	-4	-0	0	0	0	-0	1.2	0.4	0.1	0.0	1.6	3
2	27	-3	-0	0	0	-0	-0	1.1	1.0	0.2	0.0	2.1	3
7	27	-2	-0	-0	0	0	-0	0.7	0.4	0.1	0.0	1.1	3
8	27	-0	-0	-0	0	0	0	0.1	0.0	0.0	0.0	0.1	2
9	27	-4	-0	0	0	-0	-0	1.2	1.3	0.2	0.0	2.5	3

ASTA NUM. 155 NI 3362 NF 3361 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	-0	-0	0	-0	-0	2.9	0.6	0.1	0.0	3.5	3	
7	0	-3	0	0	0	0	-0	1.0	0.4	0.1	0.0	1.4	3	
8	0	4	0	0	0	0	0	1.4	0.0	0.3	0.0	1.6	2	
9	0	-10	-0	-0	0	-0	-0	3.3	0.7	0.2	0.0	4.0	3	
2	5	-9	-0	-0	0	0	-0	2.9	1.0	0.2	0.0	3.8	3	
7	5	-3	0	0	0	-0	-0	1.0	0.3	0.0	0.0	1.3	3	
8	5	4	0	0	0	-0	0	1.4	0.5	0.3	0.0	2.0	3	
9	5	-10	-0	-0	0	0	-0	3.3	1.1	0.3	0.0	4.4	3	
2	10	-9	-0	-0	0	0	-0	2.9	1.4	0.2	0.0	4.2	3	
7	10	-3	0	0	0	-0	-0	1.0	0.3	0.0	0.0	1.3	3	
8	10	4	0	0	0	-0	0	1.4	1.1	0.3	0.0	2.6	3	
9	10	-10	-0	-0	0	0	-0	3.3	1.7	0.3	0.0	5.0	3	

ASTA NUM. 152 NI 3361 NF 3360 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-32	-0	0	0	0	-0	10.6	1.7	0.0	0.0	12.3	3	
7	0	-7	0	-0	0	-0	-0	2.3	1.1	0.2	0.0	3.4	3	
8	0	41	1	-0	0	-0	0	13.6	0.1	0.6	0.0	13.7	2	
9	0	-22	0	0	0	0	-0	7.1	1.7	0.1	0.0	8.8	3	
2	27	-32	-0	0	0	0	-0	10.6	3.2	0.3	0.0	13.8	3	
7	27	-7	-0	-0	0	0	-0	2.3	0.4	0.0	0.0	2.7	3	
8	27	41	1	-0	0	-0	0	13.6	4.9	0.4	0.0	18.5	3	
9	27	-22	-0	0	0	0	-0	7.1	2.0	0.1	0.0	9.1	3	
2	55	-32	-1	0	0	0	-0	10.6	6.9	0.5	0.0	17.5	3	
7	55	-7	-0	-0	0	0	-0	2.3	1.9	0.3	0.0	4.2	3	
8	55	41	0	-0	0	-0	0	13.6	7.8	0.2	0.0	21.4	3	
9	55	-22	-0	0	0	0	-0	7.1	4.6	0.4	0.0	11.7	3	

ASTA NUM. 153 NI 3360 NF 3364 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-78	-0	0	0	0	-0	25.6	6.6	0.1	0.0	32.2	3	
7	0	-19	0	-0	0	0	-0	6.3	1.9	0.1	0.0	8.2	3	
8	0	102	1	-0	0	-0	0	33.6	7.5	0.5	0.0	41.1	3	
9	0	-44	0	0	0	0	-0	14.6	4.4	0.1	0.0	19.0	3	
2	27	-78	-0	0	0	-0	-0	25.6	8.2	0.3	0.0	33.8	3	
7	27	-19	-0	-0	0	0	-0	6.3	1.8	0.1	0.0	8.1	3	
8	27	102	0	-0	0	0	0	33.6	11.7	0.3	0.0	45.3	3	
9	27	-44	-0	0	0	-0	-0	14.6	4.6	0.1	0.0	19.2	3	
2	55	-78	-1	0	0	-0	-0	25.6	12.0	0.5	0.0	37.6	3	
7	55	-19	-0	-0	0	0	-0	6.3	3.9	0.3	0.0	10.3	3	
8	55	102	0	-0	0	0	0	33.6	13.7	0.1	0.0	47.3	3	
9	55	-44	-0	0	0	-0	-0	14.6	7.0	0.3	0.0	21.6	3	

ASTA NUM. 156 NI 3364 NF 3363 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-101	-0	0	0	-0	-0	33.3	10.6	0.3	0.0	43.9	3	
7	0	-34	-0	-0	0	0	-0	11.3	3.7	0.1	0.0	14.9	3	
8	0	121	1	-0	0	0	0	39.9	12.9	0.4	0.0	52.7	3	
9	0	-47	-0	0	0	-0	-0	15.3	4.9	0.2	0.0	20.2	3	
2	5	-101	-0	0	0	-0	-0	33.3	11.2	0.4	0.0	44.5	3	
7	5	-34	-0	-0	0	0	-0	11.3	3.9	0.1	0.0	15.2	3	
8	5	121	0	-0	0	0	0	39.9	13.6	0.4	0.0	53.5	3	
9	5	-47	-0	0	0	-0	-0	15.3	5.4	0.3	0.0	20.7	3	
2	10	-101	-1	0	0	-0	-0	33.3	11.9	0.4	0.0	45.2	3	
7	10	-34	-0	-0	0	0	-0	11.3	4.2	0.2	0.0	15.4	3	
8	10	121	0	-0	0	0	1	39.9	14.3	0.3	0.0	54.2	3	
9	10	-47	-0	0	0	-0	-0	15.3	6.0	0.3	0.0	21.3	3	

ASTA NUM. 145 NI 3363 NF 3504 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-109	0	0	0	-0	-0	35.7	11.8	0.0	0.0	47.5	3	
7	0	-47	-0	0	0	0	-0	15.5	4.1	0.2	0.0	19.6	3	
8	0	118	-0	-0	0	0	1	38.7	14.1	0.1	0.0	52.9	3	
9	0	-36	1	0	0	-0	-0	11.9	6.0	0.4	0.0	17.9	3	
2	14	-109	-0	0	0	-0	-0	35.7	12.2	0.1	0.0	47.9	3	
7	14	-47	-0	0	0	0	-0	15.5	5.3	0.3	0.0	20.8	3	
8	14	118	-0	-0	0	0	0	38.7	13.7	0.2	0.0	52.4	3	
9	14	-36	0	0	0	-0	-0	11.9	4.5	0.3	0.0	16.4	3	
2	27	-109	-0	0	0	-0	-0	35.7	13.1	0.2	0.0	48.9	3	
7	27	-47	-1	0	0	0	-0	15.5	6.9	0.4	0.0	22.4	3	
8	27	118	-0	-0	0	0	0	38.7	12.7	0.3	0.0	51.5	3	
9	27	-36	0	0	0	-0	-0	11.9	3.6	0.2	0.0	15.5	3	

ASTA NUM. 326 NI 3504 NF 3506 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-105	0	-0	0	-0	-0	34.4	13.3	0.3	0.0	47.7	3	
7	0	-73	-0	0	0	0	-0	23.9	6.4	0.3	0.0	30.3	3	
8	0	84	-1	0	0	0	0	27.7	13.7	0.6	0.0	41.4	3	
9	0	4	1	-0	0	-0	-0	1.5	4.6	0.9	0.0	6.0	3	
2	14	-105	0	-0	0	0	-0	34.4	11.4	0.2	0.0	45.8	3	
7	14	-73	-1	0	0	-0	-0	23.9	8.0	0.4	0.0	31.9	3	
8	14	84	-1	0	0	-0	0	27.7	9.5	0.7	0.0	37.2	3	
9	14	4	1	-0	0	0	0	1.5	0.7	0.8	0.0	2.3	5	
2	27	-105	0	-0	0	0	-0	34.4	11.3	0.1	0.0	45.7	3	
7	27	-73	-1	0	0	-0	-0	23.9	10.5	0.5	0.0	34.4	3	
8	27	84	-1	0	0	-0	0	27.7	6.6	0.8	0.0	34.3	3	
9	27	4	1	-0	0	0	0	1.5	5.4	0.7	0.0	6.9	3	

ASTA NUM. 327 NI 3506 NF 3505 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-73	1	-0	0	-0	-0	23.9	10.5	0.5	0.0	34.4	3	
7	0	-105	-0	0	0	0	-0	34.4	11.3	0.1	0.0	45.7	3	
8	0	4	-1	0	0	0	0	1.5	5.4	0.7	0.0	6.9	3	
9	0	84	1	-0	0	-0	0	27.7	6.6	0.8	0.0	34.4	3	
2	14	-73	1	-0	0	-0	-0	23.9	8.0	0.4	0.0	31.9	3	

7	14	-105	-0	0	0	0	-0	34.4	11.4	0.2	0.0	45.8	3
8	14	4	-1	0	0	0	0	1.5	0.7	0.8	0.0	2.3	5
9	14	84	1	-0	0	-0	0	27.7	9.5	0.7	0.0	37.2	3
2	27	-73	0	-0	0	0	-0	23.9	6.3	0.3	0.0	30.2	3
7	27	-105	-0	0	0	0	-0	34.4	13.3	0.3	0.0	47.7	3
8	27	4	-1	0	0	-0	-0	1.5	4.6	0.9	0.0	6.0	3
9	27	84	1	-0	0	0	0	27.7	13.7	0.6	0.0	41.4	3

ASTA NUM. 149 NI 3505 NF 2253 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-47	1	-0	0	0	-0	15.4	6.9	0.4	0.0	22.3	3		
7	0	-108	0	-0	0	-0	-0	35.7	13.1	0.2	0.0	48.8	3		
8	0	-36	-0	-0	0	-0	-0	11.9	3.6	0.2	0.0	15.5	3		
9	0	118	0	0	0	0	0	38.8	12.7	0.3	0.0	51.5	3		
2	14	-47	0	-0	0	0	-0	15.4	5.2	0.3	0.0	20.6	3		
7	14	-108	0	-0	0	-0	-0	35.7	12.2	0.1	0.0	47.8	3		
8	14	-36	-0	-0	0	-0	-0	11.9	4.5	0.3	0.0	16.4	3		
9	14	118	0	0	0	0	0	38.8	13.7	0.2	0.0	52.5	3		
2	27	-47	0	-0	0	0	-0	15.4	4.1	0.2	0.0	19.5	3		
7	27	-108	-0	-0	0	-0	-0	35.7	11.7	0.0	0.0	47.4	3		
8	27	-36	-1	-0	0	-0	-0	11.9	6.0	0.4	0.0	17.9	3		
9	27	118	0	0	0	0	1	38.8	14.1	0.1	0.0	52.9	3		

ASTA NUM. 148 NI 2253 NF 2320 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-34	0	0	0	0	-0	11.2	4.2	0.2	0.0	15.4	3		
7	0	-101	1	-0	0	-0	-0	33.3	11.9	0.4	0.0	45.2	3		
8	0	-47	0	-0	0	-0	-0	15.3	6.0	0.3	0.0	21.3	3		
9	0	121	-0	0	0	0	1	39.9	14.3	0.3	0.0	54.2	3		
2	5	-34	0	0	0	0	-0	11.2	3.9	0.1	0.0	15.1	3		
7	5	-101	1	-0	0	-0	-0	33.3	11.2	0.4	0.0	44.4	3		
8	5	-47	0	-0	0	-0	-0	15.3	5.4	0.3	0.0	20.7	3		
9	5	121	-0	0	0	0	0	39.9	13.6	0.4	0.0	53.5	3		
2	10	-34	0	0	0	0	-0	11.2	3.6	0.1	0.0	14.8	3		
7	10	-101	0	-0	0	-0	-0	33.3	10.5	0.3	0.0	43.8	3		
8	10	-47	0	-0	0	-0	-0	15.3	4.8	0.2	0.0	20.1	3		
9	10	121	-1	0	0	0	0	39.9	12.9	0.4	0.0	52.8	3		

ASTA NUM. 151 NI 2320 NF 2319 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-19	0	0	0	0	-0	6.3	3.9	0.3	0.0	10.2	3		
7	0	-77	1	-0	0	-0	-0	25.5	12.0	0.5	0.0	37.5	3		
8	0	-44	0	-0	0	-0	-0	14.5	7.0	0.3	0.0	21.5	3		
9	0	102	-0	0	0	0	0	33.5	13.7	0.1	0.0	47.2	3		
2	27	-19	0	0	0	0	-0	6.3	1.8	0.1	0.0	8.1	3		
7	27	-77	0	-0	0	-0	-0	25.5	8.2	0.3	0.0	33.6	3		
8	27	-44	0	-0	0	-0	-0	14.5	4.6	0.1	0.0	19.1	3		
9	27	102	-0	0	0	0	0	33.5	11.7	0.3	0.0	45.2	3		
2	55	-19	-0	0	0	0	-0	6.3	1.8	0.1	0.0	8.1	3		
7	55	-77	0	-0	0	0	-0	25.5	6.6	0.0	0.0	32.1	3		
8	55	-44	-0	-0	0	0	-0	14.5	4.4	0.1	0.0	18.9	3		
9	55	102	-1	0	0	-0	0	33.5	7.5	0.5	0.0	41.0	3		

ASTA NUM. 150 NI 2319 NF 2318 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							

cm		kg		kg*m		kg/cmq						
2	0	-7	0	0	0	-0	2.3	1.9	0.3	0.0	4.2	3
7	0	-32	1	-0	0	0	10.5	6.9	0.5	0.0	17.4	3
8	0	-22	0	-0	0	0	7.1	4.6	0.4	0.0	11.7	3
9	0	41	-0	0	0	-0	13.6	7.8	0.2	0.0	21.5	3
2	27	-7	0	0	0	-0	2.3	0.4	0.0	0.0	2.6	3
7	27	-32	0	-0	0	0	10.5	3.2	0.3	0.0	13.7	3
8	27	-22	0	-0	0	0	7.1	2.1	0.1	0.0	9.2	3
9	27	41	-1	0	0	-0	13.6	5.0	0.4	0.0	18.6	3
2	55	-7	-0	0	0	-0	2.3	1.1	0.2	0.0	3.3	3
7	55	-32	0	-0	0	0	10.5	1.7	0.0	0.0	12.2	3
8	55	-22	-0	-0	0	0	7.1	1.7	0.1	0.0	8.8	3
9	55	41	-1	0	0	-0	13.6	0.1	0.6	0.0	13.8	2

ASTA NUM. 147 NI 2318 NF 2252 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	-0	-0	0	-0	0	0.9	0.0	0.0	0.0	1.0	2	
7	0	-9	0	0	0	0	-0	2.9	1.4	0.2	0.0	4.2	3	
8	0	-10	0	0	0	0	-0	3.3	1.7	0.3	0.0	5.0	3	
9	0	4	-0	-0	0	-0	0	1.5	1.1	0.3	0.0	2.6	3	
2	5	-3	-0	-0	0	-0	-0	0.9	0.3	0.0	0.0	1.3	3	
7	5	-9	0	0	0	0	-0	2.9	1.0	0.2	0.0	3.8	3	
8	5	-10	0	0	0	0	-0	3.3	1.1	0.3	0.0	4.4	3	
9	5	4	-0	-0	0	-0	0	1.5	0.5	0.3	0.0	2.0	3	
2	10	-3	-0	-0	0	0	-0	0.9	0.4	0.1	0.0	1.4	3	
7	10	-9	0	0	0	0	-0	2.9	0.6	0.1	0.0	3.5	3	
8	10	-10	0	0	0	-0	-0	3.3	0.7	0.2	0.0	4.0	3	
9	10	4	-0	-0	0	0	0	1.5	0.0	0.4	0.0	1.6	2	

ASTA NUM. 146 NI 2252 NF 2429 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.7	0.4	0.1	0.0	1.0	3	
7	0	-3	0	-0	0	0	-0	1.1	1.0	0.2	0.0	2.1	3	
8	0	-4	0	-0	0	-0	-0	1.2	1.3	0.2	0.0	2.5	3	
9	0	-0	0	0	0	0	0	0.1	0.0	0.0	0.0	0.1	2	
2	14	-2	-0	0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	
7	14	-3	0	-0	0	0	-0	1.1	0.3	0.1	0.0	1.4	3	
8	14	-4	0	-0	0	0	-0	1.2	0.4	0.1	0.0	1.6	3	
9	14	-0	-0	0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2	
2	27	-2	-0	0	0	-0	-0	0.7	0.5	0.1	0.0	1.1	3	
7	27	-3	-0	-0	0	0	0	1.1	0.1	0.0	0.0	1.2	2	
8	27	-4	0	-0	0	0	0	1.2	0.1	0.0	0.0	1.3	2	
9	27	-0	-0	0	0	-0	-0	0.1	0.8	0.2	0.0	0.9	3	

ASTA NUM. 439 NI 2429 NF 3453 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	-0	0	-0	-0	1.7	0.9	0.3	0.0	2.5	3	
7	0	2	1	0	0	0	-0	0.8	1.1	0.5	0.0	1.9	3	
8	0	8	1	0	0	0	-0	2.8	1.1	0.6	0.0	3.9	3	
9	0	-10	0	-0	0	-0	-0	3.4	0.6	0.1	0.0	4.0	3	
2	14	-5	-0	-0	0	-0	-0	1.7	0.3	0.1	0.0	2.0	3	
7	14	2	0	0	0	0	0	0.8	0.6	0.2	0.0	1.3	3	
8	14	8	0	0	0	0	0	2.8	1.3	0.3	0.0	4.0	3	
9	14	-10	-0	-0	0	-0	-0	3.4	0.9	0.2	0.0	4.3	3	
2	27	-5	-0	-0	0	0	-0	1.7	1.4	0.4	0.0	3.0	1	
7	27	2	-0	0	0	0	0	0.8	0.5	0.2	0.0	1.3	1	
8	27	8	-0	0	0	0	0	2.8	1.9	0.0	0.0	4.6	1	
9	27	-10	-1	-0	0	0	-0	3.4	2.9	0.5	0.0	6.2	1	

ASTA NUM. 402 NI 1454 NF 3446 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	8	0	-0	0	0	0	2.7	0.5	0.3	0.0	3.2	3	
7	0	-7	0	0	0	-0	-0	2.3	1.4	0.3	0.0	3.8	3	
8	0	-20	0	0	0	-0	-0	6.7	3.0	0.3	0.0	9.6	3	
9	0	18	0	-0	0	0	0	6.0	2.0	0.2	0.0	7.9	3	
2	14	8	-0	-0	0	0	0	2.7	1.2	0.0	0.0	3.9	3	
7	14	-7	0	0	0	-0	-0	2.3	0.5	0.0	0.0	2.9	3	
8	14	-20	0	0	0	-0	-0	6.7	2.0	0.0	0.0	8.7	3	
9	14	18	-0	-0	0	0	0	6.0	2.3	0.1	0.0	8.3	3	
2	27	8	-0	-0	0	0	0	2.7	0.1	0.3	0.0	2.8	2	
7	27	-7	-0	0	0	-0	-0	2.3	1.2	0.3	0.0	3.6	3	
8	27	-20	-0	0	0	-0	-0	6.7	2.7	0.3	0.0	9.4	3	
9	27	18	-1	-0	0	0	0	6.0	1.1	0.4	0.0	7.1	3	

ASTA NUM. 159 NI 3446 NF 3365 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1	0	0	0	0	0	0.3	0.1	0.1	0.0	0.3	2	
7	0	-3	0	-0	0	-0	-0	1.0	0.5	0.1	0.0	1.6	3	
8	0	-7	0	-0	0	-0	-0	2.3	1.1	0.1	0.0	3.4	3	
9	0	3	0	0	0	0	0	0.9	0.5	0.1	0.0	1.4	3	
2	14	1	-0	0	0	0	0	0.3	0.0	0.0	0.0	0.3	2	
7	14	-3	-0	-0	0	-0	0	1.0	0.0	0.0	0.0	1.0	2	
8	14	-7	0	-0	0	-0	-0	2.3	0.7	0.0	0.0	3.1	3	
9	14	3	-0	0	0	0	0	0.9	0.4	0.1	0.0	1.4	3	
2	27	1	-0	0	0	0	0	0.3	0.0	0.1	0.0	0.4	2	
7	27	-3	-0	-0	0	0	-0	1.0	0.6	0.1	0.0	1.6	3	
8	27	-7	-0	-0	0	-0	-0	2.3	0.9	0.1	0.0	3.3	3	
9	27	3	-0	0	0	0	0	0.9	0.0	0.2	0.0	1.0	2	

ASTA NUM. 158 NI 3365 NF 3368 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	-0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3	
7	0	-4	0	0	0	0	-0	1.4	0.5	0.0	0.0	1.9	3	
8	0	-5	0	0	0	-0	-0	1.5	0.6	0.1	0.0	2.1	3	
9	0	-1	0	-0	0	0	0	0.4	0.0	0.0	0.0	0.5	2	
2	5	-3	-0	-0	0	0	-0	0.9	0.3	0.0	0.0	1.3	3	
7	5	-4	0	0	0	-0	-0	1.4	0.4	0.0	0.0	1.8	3	
8	5	-5	0	0	0	-0	-0	1.5	0.5	0.1	0.0	2.0	3	
9	5	-1	-0	-0	0	0	0	0.4	0.0	0.0	0.0	0.5	2	
2	10	-3	-0	-0	0	0	-0	0.9	0.4	0.1	0.0	1.4	3	
7	10	-4	-0	0	0	-0	-0	1.4	0.5	0.0	0.0	1.8	3	
8	10	-5	0	0	0	-0	-0	1.5	0.5	0.0	0.0	1.9	3	
9	10	-1	-0	-0	0	0	0	0.4	0.0	0.0	0.0	0.5	2	

ASTA NUM. 161 NI 3368 NF 3367 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-26	-0	-0	0	0	-0	8.5	1.4	0.0	0.0	9.9	3	
7	0	-7	0	0	0	-0	-0	2.4	1.2	0.2	0.0	3.6	3	
8	0	33	1	0	0	-0	-0	10.9	0.8	0.6	0.0	11.7	3	
9	0	-14	0	-0	0	0	-0	4.5	1.1	0.1	0.0	5.5	3	

2	27	-26	-0	-0	0	0	-0	8.5	2.6	0.2	0.0	11.1	3
7	27	-7	-0	0	0	-0	-0	2.4	0.5	0.0	0.0	2.9	3
8	27	33	0	0	0	-0	0	10.9	4.1	0.4	0.0	15.0	3
9	27	-14	-0	-0	0	0	-0	4.5	1.3	0.1	0.0	5.7	3
2	55	-26	-1	-0	0	0	-0	8.5	6.0	0.4	0.0	14.5	3
7	55	-7	-0	0	0	-0	-0	2.4	1.9	0.2	0.0	4.3	3
8	55	33	0	0	0	-0	0	10.9	6.8	0.1	0.0	17.7	3
9	55	-14	-0	-0	0	0	-0	4.5	3.7	0.3	0.0	8.1	3

ASTA NUM. 160 NI 3367 NF 3366 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-74	-0	0	0	0	-0	24.5	5.9	0.1	0.0	30.4	3	
7	0	-15	0	-0	0	-0	-0	4.8	2.2	0.2	0.0	7.0	3	
8	0	104	1	-0	0	-0	0	34.1	6.3	0.7	0.0	40.4	3	
9	0	-46	-0	0	0	0	-0	15.2	3.2	0.1	0.0	18.4	3	
2	27	-74	-0	0	0	0	-0	24.5	7.9	0.3	0.0	32.4	3	
7	27	-15	-0	-0	0	0	-0	4.8	1.2	0.0	0.0	6.0	3	
8	27	104	1	-0	0	-0	0	34.1	11.8	0.5	0.0	45.9	3	
9	27	-46	-0	0	0	0	-0	15.2	4.8	0.3	0.0	20.0	3	
2	55	-74	-1	0	0	-0	-0	24.5	12.1	0.5	0.0	36.6	3	
7	55	-15	-0	-0	0	0	-0	4.8	2.6	0.2	0.0	7.4	3	
8	55	104	0	-0	0	0	1	34.1	15.4	0.2	0.0	49.5	3	
9	55	-46	-1	0	0	-0	-0	15.2	8.8	0.5	0.0	24.0	3	

ASTA NUM. 157 NI 3366 NF 3369 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-115	-0	-1	0	-0	-0	37.8	12.5	0.4	0.0	50.3	3	
7	0	-14	0	0	0	0	-0	4.5	2.0	0.3	0.0	6.5	3	
8	0	164	1	1	0	0	1	53.9	17.4	0.9	0.0	71.3	3	
9	0	-90	-0	-1	0	-0	-0	29.5	9.4	0.9	0.0	38.8	3	
2	5	-115	-0	-1	0	0	-0	37.8	13.4	0.4	0.0	51.2	3	
7	5	-14	0	0	0	-0	-0	4.5	1.9	0.3	0.0	6.5	3	
8	5	164	1	1	0	-0	1	53.9	19.5	0.9	0.0	73.4	3	
9	5	-90	-0	-1	0	0	-0	29.5	11.3	0.9	0.0	40.7	3	
2	10	-115	-0	-1	0	0	-0	37.8	14.4	0.4	0.0	52.2	3	
7	10	-14	0	0	0	-0	-0	4.5	2.2	0.3	0.0	6.7	3	
8	10	164	0	1	0	-0	1	53.9	21.8	0.9	0.0	75.7	3	
9	10	-90	-1	-1	0	0	-0	29.5	13.6	0.9	0.0	43.1	3	

ASTA NUM. 167 NI 3369 NF 3481 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-147	-0	1	0	0	-1	48.3	15.6	0.6	0.0	63.9	3	
7	0	-13	0	-1	0	-0	-0	4.4	2.8	0.5	0.0	7.2	3	
8	0	208	1	-2	0	-0	1	68.3	22.5	1.4	0.0	90.8	3	
9	0	-126	-1	2	0	0	-0	41.4	14.3	1.3	0.0	55.7	3	
2	14	-147	-1	1	0	-0	-1	48.3	17.6	0.6	0.0	65.9	3	
7	14	-13	0	-1	0	0	-0	4.4	2.7	0.5	0.0	7.2	3	
8	14	208	1	-2	0	0	1	68.3	26.6	1.4	0.0	94.9	3	
9	14	-126	-1	2	0	-0	-1	41.4	17.4	1.3	0.0	58.8	3	
2	27	-147	-1	1	0	-0	-1	48.3	23.2	0.6	0.0	71.5	3	
7	27	-13	-0	-1	0	0	-0	4.4	5.2	0.5	0.0	9.6	3	
8	27	208	1	-2	0	0	1	68.3	36.4	1.4	0.0	104.7	3	
9	27	-126	-1	2	0	-0	-1	41.4	27.3	1.3	0.0	68.7	3	

ASTA NUM. 168 NI 3481 NF 3480 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-181	1	-2	0	-0	-1	59.5	28.8	1.5	0.0	88.3	3
7	0	-32	-1	2	0	0	0	10.7	5.8	1.3	0.0	16.5	3
8	0	231	-3	5	0	0	1	75.9	47.9	3.5	0.0	123.7	3
9	0	-141	4	-5	0	-0	-1	46.2	38.6	3.5	0.0	84.9	3
2	14	-181	1	-2	0	0	-1	59.5	22.5	1.5	0.0	82.0	3
7	14	-32	-2	2	0	-0	-0	10.7	6.5	1.3	0.0	17.2	3
8	14	231	-3	5	0	-0	1	75.9	32.4	3.5	0.0	108.3	3
9	14	-141	3	-5	0	0	-1	46.2	22.3	3.5	0.0	68.6	3
2	27	-181	1	-2	0	0	-1	59.5	26.2	1.5	0.0	85.7	3
7	27	-32	-2	2	0	-0	-0	10.7	19.3	1.3	0.0	30.0	3
8	27	231	-3	5	0	-1	0	75.9	37.4	3.5	0.0	113.3	3
9	27	-141	3	-5	0	1	-0	46.2	27.5	3.5	0.0	73.8	3

ASTA NUM. 308 NI 3480 NF 1523 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	-32	2	-2	0	-0	-0	10.5	19.4	1.3	0.0	29.9	3	
7	0	-181	-1	2	0	0	-1	59.4	26.1	1.5	0.0	85.5	3	
8	0	-141	-3	5	0	1	-0	46.3	27.6	3.5	0.0	73.9	3	
9	0	231	3	-5	0	-1	0	76.1	37.6	3.5	0.0	113.7	3	
2	14	-32	2	-2	0	-0	-0	10.5	6.4	1.3	0.0	16.9	3	
7	14	-181	-1	2	0	0	-1	59.4	22.4	1.5	0.0	81.8	3	
8	14	-141	-3	5	0	0	-1	46.3	22.3	3.5	0.0	68.6	3	
9	14	231	3	-5	0	-0	1	76.1	32.4	3.5	0.0	108.5	3	
2	27	-32	1	-2	0	0	0	10.5	5.9	1.3	0.0	16.4	3	
7	27	-181	-1	2	0	-0	-1	59.4	28.6	1.5	0.0	88.0	3	
8	27	-141	-4	5	0	-0	-1	46.3	38.6	3.5	0.0	84.9	3	
9	27	231	3	-5	0	0	1	76.1	47.9	3.5	0.0	124.0	3	

ASTA NUM. 309 NI 1523 NF 2436 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	-13	0	1	0	0	-0	4.1	5.1	0.5	0.0	9.2	3	
7	0	-146	1	-1	0	-0	-1	48.0	23.2	0.6	0.0	71.1	3	
8	0	-126	1	-2	0	-0	-1	41.4	27.3	1.3	0.0	68.8	3	
9	0	208	-1	2	0	0	1	68.3	36.5	1.4	0.0	104.8	3	
2	14	-13	-0	1	0	0	-0	4.1	2.7	0.5	0.0	6.8	3	
7	14	-146	1	-1	0	-0	-1	48.0	17.5	0.6	0.0	65.5	3	
8	14	-126	1	-2	0	-0	-1	41.4	17.4	1.3	0.0	58.9	3	
9	14	208	-1	2	0	0	1	68.3	26.6	1.4	0.0	94.9	3	
2	27	-13	-0	1	0	-0	-0	4.1	2.7	0.5	0.0	6.9	3	
7	27	-146	0	-1	0	0	-1	48.0	15.5	0.6	0.0	63.5	3	
8	27	-126	1	-2	0	0	-0	41.4	14.3	1.3	0.0	55.7	3	
9	27	208	-1	2	0	-0	1	68.3	22.4	1.4	0.0	90.7	3	

ASTA NUM. 164 NI 2436 NF 2435 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	-13	-0	-0	0	-0	-0	4.4	2.1	0.3	0.0	6.5	3	
7	0	-114	0	1	0	0	-0	37.5	14.3	0.4	0.0	51.8	3	
8	0	-89	1	1	0	0	-0	29.3	13.5	0.9	0.0	42.9	3	
9	0	163	-0	-1	0	-0	1	53.7	21.8	0.9	0.0	75.5	3	
2	5	-13	-0	-0	0	-0	-0	4.4	1.9	0.3	0.0	6.2	3	
7	5	-114	0	1	0	0	-0	37.5	13.3	0.4	0.0	50.8	3	
8	5	-89	0	1	0	0	-0	29.3	11.2	0.9	0.0	40.6	3	
9	5	163	-1	-1	0	-0	1	53.7	19.4	0.9	0.0	73.1	3	
2	10	-13	-0	-0	0	0	-0	4.4	1.9	0.3	0.0	6.3	3	
7	10	-114	0	1	0	-0	-0	37.5	12.4	0.4	0.0	49.9	3	
8	10	-89	0	1	0	-0	-0	29.3	9.3	0.9	0.0	38.6	3	

9 10 163 -1 -1 0 0 1 53.7 17.3 0.9 0.0 71.0 3
ASTA NUM. 162 NI 2435 NF 2433 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-15	0	0	0	0	-0	4.8	2.6	0.2	0.0	7.4	3	
7	0	-74	1	-0	0	-0	-0	24.3	12.0	0.5	0.0	36.3	3	
8	0	-45	1	-0	0	-0	-0	15.0	8.7	0.5	0.0	23.6	3	
9	0	103	-0	0	0	0	1	33.8	15.2	0.2	0.0	49.0	3	
2	27	-15	0	0	0	0	-0	4.8	1.3	0.0	0.0	6.0	3	
7	27	-74	0	-0	0	0	-0	24.3	7.8	0.3	0.0	32.1	3	
8	27	-45	0	-0	0	0	-0	15.0	4.7	0.3	0.0	19.6	3	
9	27	103	-1	0	0	-0	0	33.8	11.7	0.4	0.0	45.5	3	
2	55	-15	-0	0	0	-0	-0	4.8	2.2	0.2	0.0	7.0	3	
7	55	-74	0	-0	0	0	-0	24.3	5.9	0.1	0.0	30.2	3	
8	55	-45	0	-0	0	0	-0	15.0	3.2	0.1	0.0	18.1	3	
9	55	103	-1	0	0	-0	0	33.8	6.3	0.7	0.0	40.1	3	

ASTA NUM. 163 NI 2433 NF 2439 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	-0	0	-0	-0	2.3	1.9	0.2	0.0	4.2	3	
7	0	-26	1	0	0	0	-0	8.6	6.0	0.4	0.0	14.6	3	
8	0	-14	0	0	0	0	-0	4.7	3.7	0.3	0.0	8.4	3	
9	0	34	-0	-0	0	-0	0	11.1	6.9	0.1	0.0	18.0	3	
2	27	-7	0	-0	0	-0	-0	2.3	0.4	0.0	0.0	2.7	3	
7	27	-26	0	0	0	0	-0	8.6	2.6	0.2	0.0	11.2	3	
8	27	-14	0	0	0	0	-0	4.7	1.3	0.1	0.0	6.0	3	
9	27	34	-0	-0	0	-0	0	11.1	4.2	0.4	0.0	15.3	3	
2	55	-7	-0	-0	0	0	-0	2.3	1.2	0.2	0.0	3.4	3	
7	55	-26	0	0	0	0	-0	8.6	1.4	0.0	0.0	10.0	3	
8	55	-14	-0	0	0	0	-0	4.7	1.2	0.1	0.0	5.8	3	
9	55	34	-1	-0	0	-0	-0	11.1	0.7	0.6	0.0	11.8	3	

ASTA NUM. 165 NI 2439 NF 2441 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	0	-0	1.3	0.5	0.0	0.0	1.8	3	
7	0	-3	0	0	0	0	-0	0.9	0.4	0.1	0.0	1.4	3	
8	0	-1	0	0	0	0	0	0.5	0.0	0.0	0.0	0.5	2	
9	0	-4	-0	-0	0	-0	-0	1.4	0.4	0.0	0.0	1.8	3	
2	5	-4	-0	-0	0	0	-0	1.3	0.4	0.0	0.0	1.8	3	
7	5	-3	0	0	0	0	-0	0.9	0.3	0.0	0.0	1.3	3	
8	5	-1	0	0	0	0	0	0.5	0.0	0.0	0.0	0.5	2	
9	5	-4	-0	-0	0	-0	-0	1.4	0.5	0.1	0.0	1.9	3	
2	10	-4	-0	-0	0	0	-0	1.3	0.5	0.0	0.0	1.8	3	
7	10	-3	-0	0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3	
8	10	-1	-0	0	0	-0	0	0.5	0.0	0.0	0.0	0.5	2	
9	10	-4	-0	-0	0	0	-0	1.4	0.6	0.1	0.0	2.0	3	

ASTA NUM. 166 NI 2441 NF 2440 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	0	-0	1.1	0.6	0.1	0.0	1.6	3	
7	0	1	0	-0	0	0	0	0.3	0.0	0.1	0.0	0.4	2	
8	0	3	0	-0	0	-0	0	1.0	0.0	0.2	0.0	1.1	2	
9	0	-7	0	0	0	0	-0	2.4	1.0	0.1	0.0	3.3	3	

2	14	-3	0	0	0	-0	0	1.1	0.0	0.0	0.0	1.1	2
7	14	1	0	-0	0	0	0	0.3	0.0	0.0	0.0	0.3	2
8	14	3	0	-0	0	0	0	1.0	0.5	0.1	0.0	1.5	3
9	14	-7	-0	0	0	-0	-0	2.4	0.8	0.0	0.0	3.1	3
2	27	-3	-0	0	0	-0	-0	1.1	0.5	0.1	0.0	1.6	3
7	27	1	-0	-0	0	0	0	0.3	0.1	0.1	0.0	0.4	2
8	27	3	-0	-0	0	0	0	1.0	0.5	0.1	0.0	1.6	3
9	27	-7	-0	0	0	-0	-0	2.4	1.1	0.1	0.0	3.5	3

ASTA NUM. 440 NI 2440 NF 3455 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	-0	0	-0	-0	2.3	1.3	0.3	0.0	3.6	3	
7	0	8	0	0	0	0	0	2.7	0.4	0.3	0.0	3.1	3	
8	0	18	1	0	0	0	0	6.0	1.3	0.4	0.0	7.3	3	
9	0	-20	0	-0	0	-0	-0	6.6	2.8	0.3	0.0	9.5	3	
2	14	-7	-0	-0	0	-0	-0	2.3	0.5	0.0	0.0	2.8	3	
7	14	8	0	0	0	0	0	2.7	1.2	0.0	0.0	4.0	3	
8	14	18	0	0	0	0	0	6.0	2.4	0.1	0.0	8.3	3	
9	14	-20	-0	-0	0	-0	-0	6.6	2.1	0.0	0.0	8.7	3	
2	27	-7	-0	-0	0	0	-0	2.3	1.4	0.3	0.0	3.7	1	
7	27	8	-0	0	0	0	0	2.7	0.5	0.3	0.0	3.2	1	
8	27	18	-0	0	0	0	0	6.0	1.8	0.2	0.0	7.8	1	
9	27	-20	-0	-0	0	0	-0	6.6	2.9	0.3	0.0	9.5	1	

ASTA NUM. 413 NI 1450 NF 3436 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	-0	0	-0	-0	1.0	1.0	0.3	0.0	2.0	3	
7	0	2	0	-0	0	0	0	0.8	0.0	0.3	0.0	0.9	2	
8	0	6	0	0	0	0	0	1.9	0.6	0.2	0.0	2.5	3	
9	0	-8	0	-0	0	-0	-0	2.6	1.6	0.4	0.0	4.2	3	
2	14	-3	0	-0	0	0	0	1.0	0.0	0.0	0.0	1.0	2	
7	14	2	-0	-0	0	0	0	0.8	0.5	0.0	0.0	1.3	3	
8	14	6	-0	0	0	-0	0	1.9	0.9	0.1	0.0	2.9	3	
9	14	-8	0	-0	0	0	-0	2.6	0.6	0.0	0.0	3.2	3	
2	27	-3	-0	-0	0	0	-0	1.0	0.8	0.3	0.0	1.8	3	
7	27	2	-0	-0	0	0	-0	0.8	0.4	0.3	0.0	1.3	5	
8	27	6	-1	0	0	-0	-0	1.9	0.4	0.4	0.0	2.3	5	
9	27	-8	-0	-0	0	0	-0	2.6	1.2	0.3	0.0	3.9	3	

ASTA NUM. 178 NI 3436 NF 3372 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.6	0.4	0.1	0.0	1.0	3	
7	0	-1	0	-0	0	0	0	0.4	0.0	0.1	0.0	0.4	2	
8	0	-1	0	-0	0	-0	0	0.4	0.0	0.1	0.0	0.4	2	
9	0	-3	0	0	0	0	-0	1.0	0.6	0.1	0.0	1.6	3	
2	14	-2	-0	0	0	0	0	0.6	0.0	0.0	0.0	0.7	2	
7	14	-1	-0	-0	0	0	0	0.4	0.0	0.0	0.0	0.4	2	
8	14	-1	-0	-0	0	-0	0	0.4	0.0	0.1	0.0	0.4	2	
9	14	-3	0	0	0	0	0	1.0	0.0	0.0	0.0	1.0	2	
2	27	-2	-0	0	0	-0	-0	0.6	0.4	0.1	0.0	1.1	3	
7	27	-1	-0	-0	0	0	-0	0.4	0.5	0.1	0.0	0.9	3	
8	27	-1	-0	-0	0	0	-0	0.4	0.6	0.2	0.0	1.0	3	
9	27	-3	-0	0	0	-0	-0	1.0	0.5	0.1	0.0	1.5	3	

ASTA NUM. 179 NI 3372 NF 3371 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	-0	-0	1.3	0.5	0.0	0.0	1.8	3	
7	0	-4	0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
8	0	-2	0	0	0	0	-0	0.8	0.3	0.0	0.0	1.1	3	
9	0	-3	0	-0	0	-0	-0	1.1	0.5	0.1	0.0	1.6	3	
2	5	-4	-0	-0	0	0	-0	1.3	0.5	0.0	0.0	1.8	3	
7	5	-4	-0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
8	5	-2	0	0	0	-0	0	0.8	0.0	0.0	0.0	0.8	2	
9	5	-3	0	-0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3	
2	10	-4	-0	-0	0	0	-0	1.3	0.5	0.0	0.0	1.9	3	
7	10	-4	-0	0	0	-0	-0	1.2	0.5	0.1	0.0	1.7	3	
8	10	-2	-0	0	0	-0	-0	0.8	0.3	0.0	0.0	1.1	3	
9	10	-3	0	-0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3	

ASTA NUM. 176 NI 3371 NF 3370 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-23	0	-0	0	0	-0	7.7	1.5	0.0	0.0	9.2	3	
7	0	-11	0	-0	0	-0	-0	3.5	1.2	0.1	0.0	4.7	3	
8	0	26	1	0	0	-0	-0	8.5	0.6	0.5	0.0	9.1	3	
9	0	-6	0	-0	0	0	-0	2.0	1.3	0.2	0.0	3.3	3	
2	27	-23	-0	-0	0	0	-0	7.7	2.3	0.2	0.0	10.0	3	
7	27	-11	-0	-0	0	0	-0	3.5	0.8	0.1	0.0	4.3	3	
8	27	26	0	0	0	-0	0	8.5	3.3	0.3	0.0	11.8	3	
9	27	-6	-0	-0	0	0	-0	2.0	0.4	0.0	0.0	2.4	3	
2	55	-23	-1	-0	0	0	-0	7.7	5.2	0.4	0.0	12.9	3	
7	55	-11	-0	-0	0	0	-0	3.5	2.6	0.3	0.0	6.1	3	
8	55	26	0	0	0	-0	0	8.5	4.8	0.0	0.0	13.3	3	
9	55	-6	-0	-0	0	0	-0	2.0	1.7	0.2	0.0	3.7	3	

ASTA NUM. 177 NI 3370 NF 3374 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-61	0	0	0	0	-0	20.2	5.4	0.0	0.0	25.5	3	
7	0	-28	0	0	0	0	-0	9.1	2.6	0.1	0.0	11.7	3	
8	0	71	1	-0	0	-0	0	23.3	5.0	0.4	0.0	28.3	3	
9	0	-13	0	0	0	0	-0	4.4	1.8	0.2	0.0	6.2	3	
2	27	-61	-0	0	0	0	-0	20.2	6.4	0.2	0.0	26.6	3	
7	27	-28	-0	0	0	0	-0	9.1	2.7	0.1	0.0	11.8	3	
8	27	71	0	-0	0	-0	0	23.3	8.2	0.2	0.0	31.5	3	
9	27	-13	-0	0	0	0	-0	4.4	1.1	0.0	0.0	5.5	3	
2	55	-61	-1	0	0	0	-0	20.2	9.7	0.4	0.0	29.8	3	
7	55	-28	-0	0	0	0	-0	9.1	4.9	0.3	0.0	14.0	3	
8	55	71	-0	-0	0	-0	0	23.3	9.2	0.0	0.0	32.6	3	
9	55	-13	-0	0	0	0	-0	4.4	2.6	0.3	0.0	7.0	3	

ASTA NUM. 180 NI 3374 NF 3373 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-86	0	0	0	0	-0	28.4	9.7	0.2	0.0	38.1	3	
7	0	-40	0	-0	0	0	-0	13.2	4.4	0.1	0.0	17.7	3	
8	0	95	-0	-0	0	-0	0	31.2	10.7	0.1	0.0	41.9	3	
9	0	-20	0	0	0	0	-0	6.7	2.6	0.2	0.0	9.3	3	
2	5	-86	0	0	0	-0	-0	28.4	9.5	0.1	0.0	37.9	3	
7	5	-40	-0	-0	0	0	-0	13.2	4.5	0.1	0.0	17.7	3	
8	5	95	-0	-0	0	0	0	31.2	10.6	0.1	0.0	41.8	3	
9	5	-20	0	0	0	-0	-0	6.7	2.4	0.2	0.0	9.1	3	
2	10	-86	0	0	0	-0	-0	28.4	9.4	0.1	0.0	37.8	3	
7	10	-40	-0	-0	0	0	-0	13.2	4.7	0.1	0.0	17.9	3	

8 10 95 -0 -0 0 0 0 31.2 10.5 0.2 0.0 41.7 3
 9 10 -20 0 0 0 -0 -0 6.7 2.3 0.1 0.0 9.0 3

ASTA NUM. 170 NI 3373 NF 3483 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-108	-0	-0	0	-0	-0	35.6	10.5	0.2	0.0	46.0	3	
7	0	-48	0	0	0	0	-0	15.8	5.5	0.1	0.0	21.3	3	
8	0	116	1	0	0	0	0	38.2	10.8	0.5	0.0	49.0	3	
9	0	-34	-0	-0	0	-0	-0	11.2	2.6	0.2	0.0	13.8	3	
2	14	-108	-0	-0	0	0	-0	35.6	11.9	0.3	0.0	47.5	3	
7	14	-48	-0	0	0	0	-0	15.8	5.2	0.0	0.0	21.0	3	
8	14	116	1	0	0	-0	0	38.2	13.0	0.4	0.0	51.2	3	
9	14	-34	-0	-0	0	0	-0	11.2	3.9	0.3	0.0	15.1	3	
2	27	-108	-1	-0	0	0	-1	35.6	14.2	0.4	0.0	49.7	3	
7	27	-48	-0	0	0	-0	-0	15.8	5.8	0.1	0.0	21.6	3	
8	27	116	0	0	0	-0	1	38.2	15.5	0.3	0.0	53.7	3	
9	27	-34	-1	-0	0	0	-0	11.2	6.4	0.4	0.0	17.6	3	

ASTA NUM. 169 NI 3483 NF 3482 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-168	-2	0	0	0	-0	55.4	11.5	1.4	0.0	66.9	3	
7	0	-46	1	-0	0	-0	-0	15.2	8.8	0.8	0.0	23.9	3	
8	0	198	4	-1	0	-0	0	65.3	8.5	2.9	0.0	73.7	3	
9	0	-108	-3	1	0	0	0	35.5	2.2	2.6	0.0	37.7	3	
2	14	-168	-2	0	0	-0	-1	55.4	19.5	1.5	0.0	74.9	3	
7	14	-46	1	-0	0	0	-0	15.2	5.5	0.7	0.0	20.7	3	
8	14	198	4	-1	0	0	1	65.3	24.1	2.8	0.0	89.4	3	
9	14	-108	-4	1	0	-0	-0	35.5	13.9	2.7	0.0	49.4	3	
2	27	-168	-2	0	0	-0	-1	55.4	28.9	1.6	0.0	84.3	3	
7	27	-46	1	-0	0	0	-0	15.2	3.2	0.6	0.0	18.4	3	
8	27	198	4	-1	0	0	1	65.3	40.7	2.7	0.0	106.0	3	
9	27	-108	-4	1	0	-0	-1	35.5	30.6	2.8	0.0	66.1	3	

ASTA NUM. 304 NI 3482 NF 1521 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-46	-1	0	0	0	-0	15.2	3.2	0.6	0.0	18.4	3	
7	0	-168	2	-0	0	-0	-1	55.2	28.9	1.6	0.0	84.1	3	
8	0	-107	4	-1	0	-0	-1	35.1	30.4	2.8	0.0	65.5	3	
9	0	197	-4	1	0	0	1	64.9	40.5	2.7	0.0	105.4	3	
2	14	-46	-1	0	0	0	-0	15.2	5.5	0.7	0.0	20.8	3	
7	14	-168	2	-0	0	-0	-1	55.2	19.4	1.5	0.0	74.6	3	
8	14	-107	4	-1	0	-0	-0	35.1	13.8	2.7	0.0	48.8	3	
9	14	197	-4	1	0	0	1	64.9	23.9	2.8	0.0	88.9	3	
2	27	-46	-1	0	0	-0	-0	15.2	8.8	0.8	0.0	24.0	3	
7	27	-168	2	-0	0	0	-0	55.2	11.4	1.4	0.0	66.6	3	
8	27	-107	3	-1	0	0	0	35.1	2.3	2.6	0.0	37.4	3	
9	27	197	-4	1	0	-0	0	64.9	8.3	2.9	0.0	73.3	3	

ASTA NUM. 305 NI 1521 NF 2443 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-48	0	-0	0	-0	-0	15.8	5.8	0.1	0.0	21.6	3	
7	0	-107	1	0	0	0	-0	35.3	14.0	0.4	0.0	49.4	3	
8	0	-33	1	0	0	0	-0	10.9	6.2	0.4	0.0	17.1	3	

9	0	115	-0	-0	0	-0	1	37.9	15.3	0.3	0.0	53.2	3
2	14	-48	0	-0	0	0	-0	15.8	5.2	0.0	0.0	21.0	3
7	14	-107	0	0	0	0	-0	35.3	11.9	0.3	0.0	47.2	3
8	14	-33	0	0	0	0	-0	10.9	3.7	0.3	0.0	14.7	3
9	14	115	-1	-0	0	-0	0	37.9	12.9	0.4	0.0	50.8	3
2	27	-48	-0	-0	0	0	-0	15.8	5.5	0.1	0.0	21.3	3
7	27	-107	0	0	0	0	-0	35.3	10.4	0.2	0.0	45.8	3
8	27	-33	0	0	0	0	-0	10.9	2.6	0.2	0.0	13.5	3
9	27	115	-1	-0	0	0	0	37.9	10.8	0.5	0.0	48.6	3

ASTA NUM. 173 NI 2443 NF 2446 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-40	0	0	0	0	-0	13.2	4.7	0.1	0.0	17.9	3			
7	0	-86	-0	-0	0	-0	-0	28.2	9.3	0.1	0.0	37.5	3			
8	0	-20	-0	-0	0	-0	-0	6.5	2.2	0.2	0.0	8.7	3			
9	0	94	0	0	0	0	0	31.0	10.4	0.2	0.0	41.4	3			
2	5	-40	0	0	0	0	-0	13.2	4.5	0.1	0.0	17.7	3			
7	5	-86	-0	-0	0	-0	-0	28.2	9.4	0.1	0.0	37.6	3			
8	5	-20	-0	-0	0	-0	-0	6.5	2.3	0.2	0.0	8.8	3			
9	5	94	0	0	0	0	0	31.0	10.5	0.2	0.0	41.5	3			
2	10	-40	-0	0	0	0	-0	13.2	4.4	0.1	0.0	17.6	3			
7	10	-86	-0	-0	0	0	-0	28.2	9.7	0.2	0.0	37.9	3			
8	10	-20	-0	-0	0	0	-0	6.5	2.6	0.3	0.0	9.1	3			
9	10	94	0	0	0	-0	0	31.0	10.7	0.1	0.0	41.6	3			

ASTA NUM. 175 NI 2446 NF 2445 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-28	0	-0	0	0	-0	9.1	4.9	0.3	0.0	13.9	3			
7	0	-61	1	-0	0	0	-0	20.0	9.6	0.4	0.0	29.7	3			
8	0	-13	0	-0	0	0	-0	4.3	2.6	0.3	0.0	6.9	3			
9	0	71	0	0	0	-0	0	23.2	9.2	0.0	0.0	32.4	3			
2	27	-28	0	-0	0	0	-0	9.1	2.7	0.1	0.0	11.7	3			
7	27	-61	0	-0	0	0	-0	20.0	6.4	0.2	0.0	26.4	3			
8	27	-13	0	-0	0	0	-0	4.3	1.1	0.0	0.0	5.4	3			
9	27	71	-0	0	0	-0	0	23.2	8.2	0.2	0.0	31.4	3			
2	55	-28	-0	-0	0	0	-0	9.1	2.6	0.1	0.0	11.7	3			
7	55	-61	-0	-0	0	0	-0	20.0	5.3	0.0	0.0	25.4	3			
8	55	-13	-0	-0	0	0	-0	4.3	1.8	0.2	0.0	6.1	3			
9	55	71	-1	0	0	-0	0	23.2	5.0	0.4	0.0	28.2	3			

ASTA NUM. 174 NI 2445 NF 2444 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-11	0	0	0	0	-0	3.5	2.6	0.3	0.0	6.1	3			
7	0	-23	1	0	0	0	-0	7.6	5.2	0.4	0.0	12.8	3			
8	0	-6	0	0	0	0	-0	1.9	1.6	0.2	0.0	3.5	3			
9	0	25	-0	-0	0	-0	0	8.4	4.8	0.0	0.0	13.2	3			
2	27	-11	0	0	0	0	-0	3.5	0.8	0.1	0.0	4.3	3			
7	27	-23	0	0	0	0	-0	7.6	2.2	0.2	0.0	9.8	3			
8	27	-6	0	0	0	0	-0	1.9	0.3	0.0	0.0	2.3	3			
9	27	25	-0	-0	0	-0	0	8.4	3.2	0.3	0.0	11.6	3			
2	55	-11	-0	0	0	-0	-0	3.5	1.2	0.1	0.0	4.7	3			
7	55	-23	-0	0	0	0	-0	7.6	1.5	0.0	0.0	9.1	3			
8	55	-6	-0	0	0	0	-0	1.9	1.3	0.2	0.0	3.2	3			
9	55	25	-1	-0	0	-0	-0	8.4	0.6	0.5	0.0	9.0	3			

ASTA NUM. 172 NI 2444 NF 2442 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	-0	-0	1.2	0.5	0.1	0.0	1.7	3	
7	0	-4	0	0	0	0	-0	1.3	0.5	0.0	0.0	1.8	3	
8	0	-3	-0	0	0	0	-0	1.1	0.3	0.0	0.0	1.4	3	
9	0	-3	0	-0	0	-0	-0	0.8	0.3	0.0	0.0	1.2	3	
2	5	-4	0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	5	-4	0	0	0	0	-0	1.3	0.4	0.0	0.0	1.8	3	
8	5	-3	-0	0	0	0	-0	1.1	0.4	0.0	0.0	1.4	3	
9	5	-3	-0	-0	0	-0	0	0.8	0.0	0.0	0.0	0.9	2	
2	10	-4	-0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	10	-4	-0	0	0	-0	-0	1.3	0.5	0.0	0.0	1.8	3	
8	10	-3	-0	0	0	-0	-0	1.1	0.5	0.1	0.0	1.5	3	
9	10	-3	-0	-0	0	0	-0	0.8	0.3	0.0	0.0	1.2	3	

ASTA NUM. 171 NI 2442 NF 2448 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	-0	0	0	-0	0.4	0.5	0.1	0.0	0.9	3	
7	0	-2	0	-0	0	-0	-0	0.6	0.4	0.1	0.0	1.0	3	
8	0	-3	0	-0	0	-0	-0	1.0	0.5	0.1	0.0	1.4	3	
9	0	-1	0	0	0	0	-0	0.4	0.6	0.2	0.0	1.0	3	
2	14	-1	0	-0	0	0	0	0.4	0.0	0.0	0.0	0.4	2	
7	14	-2	0	-0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
8	14	-3	-0	-0	0	0	0	1.0	0.0	0.0	0.0	1.0	2	
9	14	-1	0	0	0	-0	0	0.4	0.0	0.1	0.0	0.4	2	
2	27	-1	-0	-0	0	0	0	0.4	0.0	0.1	0.0	0.4	2	
7	27	-2	-0	-0	0	0	-0	0.6	0.4	0.1	0.0	1.0	3	
8	27	-3	-0	-0	0	0	-0	1.0	0.6	0.1	0.0	1.6	3	
9	27	-1	-0	0	0	-0	0	0.4	0.0	0.1	0.0	0.4	2	

ASTA NUM. 430 NI 2448 NF 3463 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	0	0	0	0	-0	0.8	0.4	0.3	0.0	1.2	5	
7	0	-3	0	0	0	0	-0	1.0	0.8	0.3	0.0	1.8	3	
8	0	-8	0	0	0	0	-0	2.6	1.2	0.3	0.0	3.8	3	
9	0	6	1	-0	0	-0	-0	1.9	0.4	0.4	0.0	2.3	5	
2	14	2	0	0	0	0	0	0.8	0.5	0.0	0.0	1.3	3	
7	14	-3	-0	0	0	0	0	1.0	0.0	0.0	0.0	1.0	2	
8	14	-8	-0	0	0	0	-0	2.6	0.6	0.0	0.0	3.2	3	
9	14	6	0	-0	0	-0	0	1.9	0.9	0.1	0.0	2.8	3	
2	27	2	-0	0	0	0	0	0.8	0.0	0.3	0.0	0.9	2	
7	27	-3	-0	0	0	0	-0	1.0	1.0	0.3	0.0	2.0	1	
8	27	-8	-0	0	0	0	-0	2.6	1.6	0.4	0.0	4.2	1	
9	27	6	-0	-0	0	0	0	1.9	0.6	0.2	0.0	2.5	1	

ASTA NUM. 414 NI 1451 NF 3450 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	-0	-0	1.2	0.5	0.2	0.0	1.8	3	
7	0	0	0	-0	0	0	-0	0.0	0.4	0.3	0.0	0.5	5	
8	0	4	0	0	0	0	-0	1.2	0.4	0.4	0.0	1.6	5	
9	0	-6	0	-0	0	-0	-0	1.9	0.6	0.2	0.0	2.5	3	
2	14	-4	-0	-0	0	0	0	1.2	0.0	0.1	0.0	1.3	2	
7	14	0	-0	-0	0	0	0	0.0	0.0	0.0	0.0	0.0	2	
8	14	4	0	0	0	-0	0	1.2	0.7	0.1	0.0	1.9	3	
9	14	-6	-0	-0	0	-0	-0	1.9	0.4	0.1	0.0	2.2	3	
2	27	-4	-1	-0	0	0	-0	1.2	1.4	0.4	0.0	2.6	3	

7	27	0	-0	-0	0	0	-0	0.0	0.6	0.3	0.0	0.7	5
8	27	4	-0	0	0	-0	0	1.2	0.0	0.3	0.0	1.3	2
9	27	-6	-1	-0	0	0	-0	1.9	1.7	0.4	0.0	3.6	3

ASTA NUM. 183 NI 3450 NF 3375 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	0	-0	1.3	0.4	0.1	0.0	1.7	3	
7	0	-2	0	0	0	0	0	0.6	0.0	0.1	0.0	0.6	2	
8	0	1	0	-0	0	-0	0	0.2	0.0	0.1	0.0	0.3	2	
9	0	-5	0	0	0	0	-0	1.6	0.4	0.1	0.0	2.0	3	
2	14	-4	-0	0	0	0	-0	1.3	0.4	0.0	0.0	1.7	3	
7	14	-2	-0	0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
8	14	1	0	-0	0	0	0	0.2	0.0	0.0	0.0	0.2	2	
9	14	-5	-0	0	0	-0	-0	1.6	0.4	0.1	0.0	2.0	3	
2	27	-4	-0	0	0	-0	-0	1.3	0.9	0.2	0.0	2.2	3	
7	27	-2	-0	0	0	0	-0	0.6	0.5	0.1	0.0	1.1	3	
8	27	1	-0	-0	0	0	0	0.2	0.0	0.1	0.0	0.3	2	
9	27	-5	-0	0	0	-0	-0	1.6	1.0	0.2	0.0	2.6	3	

ASTA NUM. 182 NI 3375 NF 3378 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	-0	-0	0	-0	-0	2.6	0.7	0.1	0.0	3.2	3	
7	0	-4	0	0	0	0	-0	1.4	0.4	0.0	0.0	1.8	3	
8	0	2	0	0	0	0	0	0.6	0.0	0.2	0.0	0.7	2	
9	0	-7	-0	-0	0	-0	-0	2.4	0.7	0.1	0.0	3.1	3	
2	5	-8	-0	-0	0	0	-0	2.6	0.9	0.1	0.0	3.4	3	
7	5	-4	-0	0	0	0	-0	1.4	0.4	0.0	0.0	1.8	3	
8	5	2	0	0	0	-0	0	0.6	0.0	0.2	0.0	0.7	2	
9	5	-7	-0	-0	0	0	-0	2.4	0.8	0.1	0.0	3.3	3	
2	10	-8	-0	-0	0	0	-0	2.6	1.1	0.2	0.0	3.7	3	
7	10	-4	-0	0	0	0	-0	1.4	0.5	0.1	0.0	1.9	3	
8	10	2	0	0	0	-0	0	0.6	0.5	0.1	0.0	1.1	3	
9	10	-7	-0	-0	0	0	-0	2.4	1.1	0.1	0.0	3.5	3	

ASTA NUM. 185 NI 3378 NF 3377 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-29	-0	-0	0	0	-0	9.4	1.6	0.0	0.0	11.0	3	
7	0	-11	0	0	0	0	-0	3.5	1.1	0.1	0.0	4.7	3	
8	0	32	1	0	0	-0	-0	10.6	0.3	0.5	0.0	11.0	3	
9	0	-12	0	-0	0	0	-0	4.1	1.5	0.2	0.0	5.6	3	
2	27	-29	-0	-0	0	0	-0	9.4	2.8	0.2	0.0	12.2	3	
7	27	-11	-0	0	0	-0	-0	3.5	0.8	0.1	0.0	4.3	3	
8	27	32	0	0	0	-0	0	10.6	4.0	0.3	0.0	14.6	3	
9	27	-12	-0	-0	0	0	-0	4.1	1.1	0.1	0.0	5.2	3	
2	55	-29	-1	-0	0	0	-0	9.4	6.2	0.4	0.0	15.6	3	
7	55	-11	-0	0	0	-0	-0	3.5	2.7	0.3	0.0	6.2	3	
8	55	32	0	0	0	-0	0	10.6	6.1	0.1	0.0	16.7	3	
9	55	-12	-0	-0	0	0	-0	4.1	2.8	0.3	0.0	6.9	3	

ASTA NUM. 184 NI 3377 NF 3376 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-69	-0	0	0	0	-0	22.6	6.0	0.0	0.0	28.7	3	
7	0	-28	0	0	0	-0	-0	9.3	2.5	0.1	0.0	11.8	3	

8	0	80	1	-0	0	-0	0	26.2	6.1	0.4	0.0	32.3	3
9	0	-22	0	0	0	0	0	7.1	2.9	0.2	0.0	10.1	3
2	27	-69	-0	0	0	0	-0	22.6	7.2	0.2	0.0	29.9	3
7	27	-28	-0	0	0	-0	-0	9.3	2.8	0.1	0.0	12.1	3
8	27	80	0	-0	0	-0	0	26.2	9.2	0.2	0.0	35.4	3
9	27	-22	-0	0	0	0	-0	7.1	2.1	0.0	0.0	9.3	3
2	55	-69	-1	0	0	0	-0	22.6	10.6	0.4	0.0	33.3	3
7	55	-28	-0	0	0	-0	-0	9.3	5.2	0.4	0.0	14.5	3
8	55	80	-0	-0	0	-0	0	26.2	10.2	0.0	0.0	36.4	3
9	55	-22	-0	0	0	0	-0	7.1	3.5	0.2	0.0	10.6	3

ASTA NUM. 181 NI 3376 NF 3379 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-91	-0	0	0	0	-0	29.8	9.6	0.2	0.0	39.4	3	
7	0	-45	-0	-0	0	-0	-0	14.9	4.6	0.2	0.0	19.5	3	
8	0	94	0	-0	0	-0	0	31.0	10.3	0.1	0.0	41.3	3	
9	0	-19	0	0	0	0	-0	6.3	2.3	0.1	0.0	8.6	3	
2	5	-91	-0	0	0	-0	-0	29.8	9.9	0.2	0.0	39.7	3	
7	5	-45	-0	-0	0	0	-0	14.9	5.0	0.2	0.0	19.9	3	
8	5	94	0	-0	0	0	0	31.0	10.5	0.1	0.0	41.4	3	
9	5	-19	0	0	0	-0	-0	6.3	2.2	0.1	0.0	8.5	3	
2	10	-91	-0	0	0	-0	-0	29.8	10.5	0.3	0.0	40.3	3	
7	10	-45	-0	-0	0	0	-0	14.9	5.6	0.3	0.0	20.5	3	
8	10	94	0	-0	0	0	0	31.0	10.7	0.1	0.0	41.7	3	
9	10	-19	-0	0	0	-0	-0	6.3	2.4	0.1	0.0	8.8	3	

ASTA NUM. 192 NI 3379 NF 3498 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-99	-0	-0	0	-0	-0	32.6	10.5	0.0	0.0	43.1	3	
7	0	-57	-0	0	0	0	-0	18.7	5.4	0.1	0.0	24.1	3	
8	0	94	0	0	0	0	0	30.9	10.8	0.1	0.0	41.7	3	
9	0	-12	0	-0	0	-0	-0	3.9	2.7	0.3	0.0	6.6	3	
2	14	-99	-0	-0	0	0	-0	32.6	10.9	0.1	0.0	43.5	3	
7	14	-57	-0	0	0	-0	-0	18.7	6.3	0.2	0.0	25.1	3	
8	14	94	-0	0	0	-0	0	30.9	10.7	0.1	0.0	41.5	3	
9	14	-12	0	-0	0	0	-0	3.9	1.5	0.2	0.0	5.4	3	
2	27	-99	-0	-0	0	0	-0	32.6	11.9	0.2	0.0	44.6	3	
7	27	-57	-0	0	0	-0	-0	18.7	8.1	0.3	0.0	26.9	3	
8	27	94	-0	0	0	-0	0	30.9	10.5	0.2	0.0	41.4	3	
9	27	-12	0	-0	0	0	-0	3.9	1.5	0.1	0.0	5.4	3	

ASTA NUM. 322 NI 3498 NF 3500 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-102	0	0	0	0	-0	33.6	11.7	0.2	0.0	45.4	3	
7	0	-75	-0	-0	0	-0	-0	24.7	7.9	0.3	0.0	32.6	3	
8	0	78	-0	-1	0	-0	0	25.8	10.6	0.6	0.0	36.4	3	
9	0	10	1	1	0	0	-0	3.4	1.5	0.6	0.0	4.9	3	
2	14	-102	0	0	0	-0	-0	33.6	12.0	0.2	0.0	45.7	3	
7	14	-75	-0	-0	0	0	-0	24.7	9.0	0.3	0.0	33.7	3	
8	14	78	-0	-1	0	0	0	25.8	10.8	0.6	0.0	36.6	3	
9	14	10	0	1	0	-0	0	3.4	3.3	0.6	0.0	6.8	3	
2	27	-102	-0	0	0	-0	-0	33.6	13.2	0.2	0.0	46.8	3	
7	27	-75	-0	-0	0	0	-0	24.7	11.6	0.3	0.0	36.3	3	
8	27	78	-1	-1	0	0	0	25.8	12.2	0.6	0.0	38.0	3	
9	27	10	0	1	0	-0	0	3.4	7.6	0.6	0.0	11.1	3	

ASTA NUM. 323 NI 3500 NF 3499 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-75	0	0	0	0	-0	24.8	11.7	0.3	0.0	36.5	3	
7	0	-102	0	-0	0	-0	-0	33.4	13.1	0.2	0.0	46.6	3	
8	0	12	-0	-1	0	-0	0	3.8	7.7	0.6	0.0	11.5	3	
9	0	77	0	1	0	0	0	25.4	12.0	0.6	0.0	37.4	3	
2	14	-75	0	0	0	0	-0	24.8	9.0	0.3	0.0	33.8	3	
7	14	-102	-0	-0	0	-0	-0	33.4	11.9	0.2	0.0	45.4	3	
8	14	12	-0	-1	0	-0	0	3.8	3.5	0.6	0.0	7.3	3	
9	14	77	0	1	0	0	0	25.4	10.7	0.6	0.0	36.1	3	
2	27	-75	0	0	0	-0	-0	24.8	7.9	0.3	0.0	32.7	3	
7	27	-102	-0	-0	0	0	-0	33.4	11.6	0.2	0.0	45.0	3	
8	27	12	-1	-1	0	0	-0	3.8	1.3	0.6	0.0	5.1	3	
9	27	77	0	1	0	-0	0	25.4	10.3	0.6	0.0	35.7	3	

ASTA NUM. 188 NI 3499 NF 2452 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-57	0	-0	0	-0	-0	18.8	8.2	0.3	0.0	27.0	3	
7	0	-98	0	0	0	0	-0	32.2	11.8	0.3	0.0	44.1	3	
8	0	-11	-0	0	0	0	-0	3.5	1.3	0.1	0.0	4.8	3	
9	0	92	0	-0	0	-0	0	30.2	10.4	0.2	0.0	40.6	3	
2	14	-57	0	-0	0	-0	-0	18.8	6.4	0.2	0.0	25.1	3	
7	14	-98	0	0	0	0	-0	32.2	10.7	0.1	0.0	42.9	3	
8	14	-11	-0	0	0	0	-0	3.5	1.3	0.2	0.0	4.8	3	
9	14	92	0	-0	0	-0	0	30.2	10.4	0.1	0.0	40.7	3	
2	27	-57	0	-0	0	0	-0	18.8	5.4	0.1	0.0	24.2	3	
7	27	-98	0	0	0	-0	-0	32.2	10.3	0.0	0.0	42.5	3	
8	27	-11	-0	0	0	-0	-0	3.5	2.5	0.3	0.0	6.0	3	
9	27	92	-0	-0	0	0	0	30.2	10.6	0.1	0.0	40.8	3	

ASTA NUM. 189 NI 2452 NF 2451 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-45	0	0	0	0	-0	14.8	5.5	0.3	0.0	20.4	3	
7	0	-90	0	-0	0	-0	-0	29.4	10.4	0.3	0.0	39.9	3	
8	0	-18	0	-0	0	-0	-0	6.1	2.4	0.1	0.0	8.4	3	
9	0	93	-0	0	0	0	0	30.5	10.6	0.1	0.0	41.2	3	
2	5	-45	0	0	0	0	-0	14.8	5.0	0.2	0.0	19.8	3	
7	5	-90	0	-0	0	-0	-0	29.4	9.8	0.3	0.0	39.3	3	
8	5	-18	0	-0	0	-0	-0	6.1	2.1	0.1	0.0	8.2	3	
9	5	93	-0	0	0	0	0	30.5	10.3	0.1	0.0	40.8	3	
2	10	-45	0	0	0	-0	-0	14.8	4.6	0.2	0.0	19.4	3	
7	10	-90	0	-0	0	0	-0	29.4	9.4	0.2	0.0	38.8	3	
8	10	-18	-0	-0	0	0	-0	6.1	2.2	0.1	0.0	8.2	3	
9	10	93	-0	0	0	-0	0	30.5	10.1	0.1	0.0	40.7	3	

ASTA NUM. 186 NI 2451 NF 2450 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-28	0	-0	0	-0	-0	9.1	5.2	0.4	0.0	14.3	3	
7	0	-68	1	-0	0	0	-0	22.4	10.5	0.4	0.0	32.9	3	
8	0	-22	0	0	0	0	-0	7.2	3.5	0.2	0.0	10.7	3	
9	0	80	0	-0	0	-0	0	26.2	10.1	0.0	0.0	36.3	3	
2	27	-28	0	-0	0	-0	-0	9.1	2.7	0.1	0.0	11.8	3	
7	27	-68	0	-0	0	0	-0	22.4	7.2	0.2	0.0	29.6	3	
8	27	-22	0	0	0	0	-0	7.2	2.2	0.0	0.0	9.3	3	
9	27	80	-0	-0	0	-0	0	26.2	9.2	0.2	0.0	35.4	3	

2	55	-28	-0	-0	0	-0	-0	9.1	2.4	0.1	0.0	11.5	3
7	55	-68	0	-0	0	0	-0	22.4	6.0	0.0	0.0	28.5	3
8	55	-22	-0	0	0	0	-0	7.2	3.0	0.2	0.0	10.2	3
9	55	80	-1	-0	0	-0	0	26.2	6.1	0.4	0.0	32.3	3

ASTA NUM. 187 NI 2450 NF 2453 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	-0	0	-0	-0	3.6	2.7	0.3	0.0	6.3	3	
7	0	-28	1	0	0	0	-0	9.3	6.2	0.4	0.0	15.4	3	
8	0	-12	0	0	0	0	-0	3.9	2.8	0.3	0.0	6.6	3	
9	0	32	-0	-0	0	-0	0	10.4	6.0	0.1	0.0	16.4	3	
2	27	-11	0	-0	0	-0	-0	3.6	0.8	0.1	0.0	4.4	3	
7	27	-28	0	0	0	0	-0	9.3	2.8	0.2	0.0	12.1	3	
8	27	-12	0	0	0	0	-0	3.9	1.0	0.1	0.0	4.8	3	
9	27	32	-0	-0	0	-0	0	10.4	3.9	0.3	0.0	14.3	3	
2	55	-11	-0	-0	0	0	-0	3.6	1.2	0.1	0.0	4.8	3	
7	55	-28	0	0	0	0	-0	9.3	1.6	0.0	0.0	10.9	3	
8	55	-12	-0	0	0	0	-0	3.9	1.4	0.2	0.0	5.2	3	
9	55	32	-1	-0	0	-0	-0	10.4	0.4	0.5	0.0	10.8	3	

ASTA NUM. 190 NI 2453 NF 2455 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	0	-0	1.4	0.5	0.1	0.0	1.9	3	
7	0	-8	0	0	0	0	-0	2.6	1.1	0.2	0.0	3.7	3	
8	0	-7	0	0	0	0	-0	2.4	1.0	0.2	0.0	3.4	3	
9	0	2	-0	-0	0	-0	0	0.6	0.5	0.1	0.0	1.1	3	
2	5	-4	0	-0	0	0	-0	1.4	0.4	0.0	0.0	1.8	3	
7	5	-8	0	0	0	0	-0	2.6	0.8	0.1	0.0	3.4	3	
8	5	-7	0	0	0	0	-0	2.4	0.8	0.1	0.0	3.2	3	
9	5	2	-0	-0	0	-0	0	0.6	0.0	0.2	0.0	0.7	2	
2	10	-4	-0	-0	0	0	-0	1.4	0.5	0.0	0.0	1.8	3	
7	10	-8	0	0	0	-0	-0	2.6	0.6	0.1	0.0	3.2	3	
8	10	-7	0	0	0	-0	-0	2.4	0.6	0.1	0.0	3.0	3	
9	10	2	-0	-0	0	0	0	0.6	0.0	0.2	0.0	0.7	2	

ASTA NUM. 191 NI 2455 NF 2454 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.6	0.5	0.1	0.0	1.1	3	
7	0	-4	0	-0	0	-0	-0	1.3	0.9	0.2	0.0	2.2	3	
8	0	-5	0	-0	0	-0	-0	1.7	1.0	0.2	0.0	2.7	3	
9	0	1	0	0	0	0	0	0.3	0.0	0.1	0.0	0.4	2	
2	14	-2	0	0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
7	14	-4	0	-0	0	0	-0	1.3	0.4	0.0	0.0	1.7	3	
8	14	-5	0	-0	0	0	-0	1.7	0.5	0.1	0.0	2.1	3	
9	14	1	-0	0	0	-0	0	0.3	0.0	0.0	0.0	0.3	2	
2	27	-2	-0	0	0	0	0	0.6	0.0	0.1	0.0	0.6	2	
7	27	-4	-0	-0	0	0	-0	1.3	0.4	0.1	0.0	1.8	3	
8	27	-5	-0	-0	0	0	-0	1.7	0.5	0.1	0.0	2.1	3	
9	27	1	-0	0	0	-0	0	0.3	0.0	0.1	0.0	0.4	2	

ASTA NUM. 429 NI 2454 NF 3461 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-0	0	0	0	0	-0	0.0	0.6	0.3	0.0	0.7	5	

7	0	-4	1	0	0	0	-0	1.2	1.4	0.4	0.0	2.7	3
8	0	-6	1	0	0	0	-0	1.8	1.8	0.4	0.0	3.6	3
9	0	4	0	-0	0	-0	0	1.2	0.3	0.2	0.0	1.5	3
2	14	-0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	2
7	14	-4	0	0	0	0	0	1.2	0.0	0.1	0.0	1.3	2
8	14	-6	0	0	0	0	-0	1.8	0.4	0.1	0.0	2.2	3
9	14	4	-0	-0	0	-0	0	1.2	0.7	0.1	0.0	1.9	3
2	27	-0	-0	0	0	0	-0	0.0	0.5	0.3	0.0	0.6	5
7	27	-4	-0	0	0	0	-0	1.2	0.5	0.2	0.0	1.7	1
8	27	-6	-0	0	0	0	-0	1.8	0.5	0.2	0.0	2.3	1
9	27	4	-1	-0	0	0	-0	1.2	0.5	0.4	0.0	1.7	5

ASTA NUM. 407 NI 1459 NF 3430 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	-0	0	0	0	0.3	0.0	0.2	0.0	0.5	2	
7	0	-2	0	0	0	0	-0	0.8	0.9	0.3	0.0	1.7	3	
8	0	-3	1	0	0	0	-0	0.9	1.6	0.5	0.0	2.5	3	
9	0	1	0	-0	0	-0	0	0.3	0.5	0.1	0.0	0.8	3	
2	14	-1	-0	-0	0	0	0	0.3	0.0	0.1	0.0	0.4	2	
7	14	-2	0	0	0	-0	0	0.8	0.0	0.0	0.0	0.8	2	
8	14	-3	0	0	0	-0	0	0.9	0.0	0.1	0.0	1.0	2	
9	14	1	-0	-0	0	0	0	0.3	0.4	0.2	0.0	0.7	5	
2	27	-1	-1	-0	0	0	-0	0.3	1.3	0.4	0.0	1.6	3	
7	27	-2	-0	0	0	-0	-0	0.8	0.7	0.3	0.0	1.6	3	
8	27	-3	-0	0	0	-0	0	0.9	0.1	0.2	0.0	1.0	2	
9	27	1	-1	-0	0	0	-0	0.3	1.5	0.5	0.0	1.7	3	

ASTA NUM. 202 NI 3430 NF 3382 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	0	0	1.2	0.0	0.0	0.0	1.3	2	
7	0	-2	0	-0	0	-0	-0	0.6	0.4	0.1	0.0	1.0	3	
8	0	0	0	-0	0	-0	-0	0.1	0.4	0.2	0.0	0.5	3	
9	0	-4	0	0	0	0	0	1.4	0.1	0.0	0.0	1.5	2	
2	14	-4	-0	0	0	0	-0	1.2	0.3	0.1	0.0	1.6	3	
7	14	-2	-0	-0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2	
8	14	0	0	-0	0	-0	0	0.1	0.0	0.0	0.0	0.1	2	
9	14	-4	-0	0	0	0	-0	1.4	0.4	0.1	0.0	1.9	3	
2	27	-4	-0	0	0	0	-0	1.2	0.9	0.2	0.0	2.2	3	
7	27	-2	-0	-0	0	0	-0	0.6	0.4	0.1	0.0	1.1	3	
8	27	0	-0	-0	0	0	0	0.1	0.0	0.1	0.0	0.1	2	
9	27	-4	-0	0	0	-0	-0	1.4	1.1	0.2	0.0	2.6	3	

ASTA NUM. 203 NI 3382 NF 3381 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	-0	-0	0	0	-0	2.7	0.7	0.1	0.0	3.4	3	
7	0	-4	0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
8	0	3	0	0	0	0	0	1.0	0.0	0.3	0.0	1.1	2	
9	0	-9	-0	-0	0	-0	-0	2.9	0.7	0.1	0.0	3.5	3	
2	5	-8	-0	-0	0	0	-0	2.7	0.9	0.2	0.0	3.7	3	
7	5	-4	0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
8	5	3	0	0	0	-0	0	1.0	0.4	0.2	0.0	1.4	3	
9	5	-9	-0	-0	0	0	-0	2.9	1.0	0.2	0.0	3.8	3	
2	10	-8	-0	-0	0	0	-0	2.7	1.3	0.2	0.0	4.0	3	
7	10	-4	-0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
8	10	3	0	0	0	-0	0	1.0	0.8	0.2	0.0	1.8	3	
9	10	-9	-0	-0	0	0	-0	2.9	1.4	0.2	0.0	4.2	3	

ASTA NUM. 200 NI 3381 NF 3380 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.

qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-30	-0	0	0	0	-0	10.0	1.7	0.0	0.0	11.6	3	
7	0	-9	0	-0	0	-0	-0	3.0	1.1	0.2	0.0	4.1	3	
8	0	37	1	-0	0	-0	0	12.0	0.1	0.6	0.0	12.1	2	
9	0	-17	0	0	0	0	-0	5.5	1.6	0.1	0.0	7.1	3	
2	27	-30	-0	0	0	0	-0	10.0	3.0	0.2	0.0	13.0	3	
7	27	-9	-0	-0	0	0	-0	3.0	0.6	0.1	0.0	3.6	3	
8	27	37	0	-0	0	-0	0	12.0	4.4	0.4	0.0	16.4	3	
9	27	-17	-0	0	0	0	-0	5.5	1.5	0.1	0.0	7.0	3	
2	55	-30	-1	0	0	0	-0	10.0	6.5	0.5	0.0	16.5	3	
7	55	-9	-0	-0	0	0	-0	3.0	2.3	0.3	0.0	5.3	3	
8	55	37	0	-0	0	0	0	12.0	6.8	0.1	0.0	18.9	3	
9	55	-17	-0	0	0	-0	-0	5.5	3.6	0.3	0.0	9.1	3	

ASTA NUM. 201 NI 3380 NF 3384 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-73	-0	0	0	0	-0	24.0	6.3	0.0	0.0	30.3	3	
7	0	-24	0	-0	0	0	-0	7.9	2.2	0.1	0.0	10.1	3	
8	0	90	1	-0	0	0	0	29.7	6.7	0.5	0.0	36.4	3	
9	0	-32	0	0	0	-0	-0	10.6	3.5	0.1	0.0	14.1	3	
2	27	-73	-0	0	0	0	-0	24.0	7.7	0.2	0.0	31.7	3	
7	27	-24	-0	-0	0	0	-0	7.9	2.3	0.1	0.0	10.2	3	
8	27	90	0	-0	0	0	0	29.7	10.3	0.2	0.0	40.0	3	
9	27	-32	-0	0	0	-0	-0	10.6	3.2	0.1	0.0	13.8	3	
2	55	-73	-1	0	0	-0	-0	24.0	11.2	0.5	0.0	35.2	3	
7	55	-24	-0	-0	0	0	-0	7.9	4.6	0.3	0.0	12.6	3	
8	55	90	0	-0	0	0	0	29.7	11.8	0.0	0.0	41.4	3	
9	55	-32	-0	0	0	-0	-0	10.6	5.1	0.3	0.0	15.6	3	

ASTA NUM. 204 NI 3384 NF 3383 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-101	0	0	0	-0	-0	33.2	10.6	0.0	0.0	43.8	3	
7	0	-49	-0	-0	0	0	-0	16.2	4.2	0.1	0.0	20.4	3	
8	0	105	0	-0	0	0	0	34.4	11.9	0.1	0.0	46.3	3	
9	0	-24	0	0	0	-0	-0	8.0	4.5	0.3	0.0	12.4	3	
2	5	-101	-0	0	0	-0	-0	33.2	10.6	0.0	0.0	43.8	3	
7	5	-49	-0	-0	0	0	-0	16.2	4.4	0.1	0.0	20.7	3	
8	5	105	0	-0	0	0	0	34.4	12.0	0.1	0.0	46.5	3	
9	5	-24	0	0	0	-0	-0	8.0	4.0	0.3	0.0	12.0	3	
2	10	-101	-0	0	0	-0	-0	33.2	10.8	0.1	0.0	44.0	3	
7	10	-49	-0	-0	0	0	-0	16.2	4.7	0.2	0.0	21.0	3	
8	10	105	-0	-0	0	0	0	34.4	12.2	0.1	0.0	46.6	3	
9	10	-24	0	0	0	-0	-0	8.0	3.6	0.3	0.0	11.5	3	

ASTA NUM. 193 NI 3383 NF 3510 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-101	-0	0	0	-0	-0	33.2	10.8	0.1	0.0	44.0	3	
7	0	-49	-0	-0	0	0	-0	16.2	4.7	0.2	0.0	21.0	3	
8	0	105	-0	-0	0	0	0	34.4	12.2	0.1	0.0	46.6	3	
9	0	-24	0	0	0	-0	-0	8.0	3.6	0.3	0.0	11.5	3	
2	14	-101	-0	0	0	-0	-0	33.2	11.5	0.2	0.0	44.7	3	
7	14	-49	-0	-0	0	0	-0	16.2	5.9	0.3	0.0	22.1	3	
8	14	105	-0	-0	0	0	0	34.4	12.1	0.1	0.0	46.5	3	
9	14	-24	0	0	0	-0	-0	8.0	2.8	0.2	0.0	10.8	3	

2	27	-101	-0	0	0	-0	-0	33.2	12.9	0.3	0.0	46.0	3
7	27	-49	-1	-0	0	0	-0	16.2	7.6	0.4	0.0	23.9	3
8	27	105	-0	-0	0	0	0	34.4	11.5	0.2	0.0	46.0	3
9	27	-24	0	0	0	-0	-0	8.0	2.6	0.1	0.0	10.6	3

ASTA NUM. 330 NI 3510 NF 3512 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-102	0	-0	0	-0	-0	33.5	12.7	0.3	0.0	46.2	3	
7	0	-76	-0	0	0	0	-0	24.9	7.0	0.2	0.0	31.9	3	
8	0	77	-1	0	0	0	0	25.4	12.3	0.5	0.0	37.7	3	
9	0	12	1	-0	0	-0	-0	4.0	3.1	0.8	0.0	7.1	3	
2	14	-102	0	-0	0	0	-0	33.5	11.4	0.2	0.0	44.9	3	
7	14	-76	-0	0	0	-0	-0	24.9	8.6	0.3	0.0	33.5	3	
8	14	77	-1	0	0	-0	0	25.4	9.4	0.6	0.0	34.8	3	
9	14	12	1	-0	0	0	0	4.0	2.2	0.6	0.0	6.1	3	
2	27	-102	0	-0	0	0	-0	33.5	11.7	0.2	0.0	45.2	3	
7	27	-76	-1	0	0	-0	-0	24.9	11.1	0.4	0.0	36.0	3	
8	27	77	-1	0	0	-0	0	25.4	7.9	0.7	0.0	33.3	3	
9	27	12	1	-0	0	0	0	4.0	7.0	0.5	0.0	10.9	3	

ASTA NUM. 331 NI 3512 NF 3511 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-76	1	-0	0	-0	-0	24.9	11.1	0.5	0.0	36.0	3	
7	0	-102	-0	0	0	0	-0	33.5	11.8	0.2	0.0	45.3	3	
8	0	12	-1	0	0	0	0	4.0	7.0	0.5	0.0	11.0	3	
9	0	77	1	-0	0	-0	0	25.4	7.9	0.7	0.0	33.4	3	
2	14	-76	0	-0	0	-0	-0	24.9	8.6	0.3	0.0	33.5	3	
7	14	-102	-0	0	0	0	-0	33.5	11.4	0.2	0.0	44.9	3	
8	14	12	-1	0	0	0	0	4.0	2.2	0.6	0.0	6.2	3	
9	14	77	1	-0	0	-0	0	25.4	9.4	0.6	0.0	34.8	3	
2	27	-76	0	-0	0	0	-0	24.9	7.0	0.2	0.0	31.9	3	
7	27	-102	-0	0	0	-0	-0	33.5	12.8	0.3	0.0	46.3	3	
8	27	12	-1	0	0	-0	-0	4.0	3.2	0.8	0.0	7.2	3	
9	27	77	1	-0	0	0	0	25.4	12.4	0.5	0.0	37.8	3	

ASTA NUM. 197 NI 3511 NF 2462 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-53	1	0	0	0	-0	17.3	7.6	0.4	0.0	24.9	3	
7	0	-103	0	-0	0	-0	-0	33.8	12.6	0.2	0.0	46.4	3	
8	0	-22	-0	-0	0	-0	-0	7.1	2.3	0.2	0.0	9.4	3	
9	0	104	0	0	0	0	0	34.2	11.4	0.3	0.0	45.6	3	
2	14	-53	0	0	0	0	-0	17.3	5.9	0.3	0.0	23.2	3	
7	14	-103	0	-0	0	-0	-0	33.8	11.5	0.1	0.0	45.4	3	
8	14	-22	-0	-0	0	-0	-0	7.1	2.9	0.3	0.0	10.0	3	
9	14	104	0	0	0	0	0	34.2	12.1	0.2	0.0	46.4	3	
2	27	-53	0	0	0	0	-0	17.3	4.7	0.2	0.0	22.0	3	
7	27	-103	-0	-0	0	-0	-0	33.8	11.0	0.1	0.0	44.8	3	
8	27	-22	-1	-0	0	-0	-0	7.1	4.1	0.4	0.0	11.2	3	
9	27	104	0	0	0	0	0	34.2	12.3	0.1	0.0	46.5	3	

ASTA NUM. 196 NI 2462 NF 2465 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-40	0	0	0	0	-0	13.2	4.9	0.2	0.0	18.0	3
7	0	-95	0	0	0	-0	-0	31.3	11.1	0.3	0.0	42.4	3
8	0	-31	0	0	0	-0	-0	10.3	3.8	0.2	0.0	14.1	3
9	0	106	-0	-0	0	0	0	35.0	12.2	0.2	0.0	47.2	3
2	5	-40	0	0	0	0	-0	13.2	4.5	0.2	0.0	17.7	3
7	5	-95	0	0	0	-0	-0	31.3	10.5	0.3	0.0	41.8	3
8	5	-31	0	0	0	-0	-0	10.3	3.6	0.1	0.0	13.8	3
9	5	106	-0	-0	0	0	0	35.0	11.9	0.2	0.0	46.9	3
2	10	-40	0	0	0	0	-0	13.2	4.2	0.1	0.0	17.4	3
7	10	-95	0	0	0	-0	-0	31.3	10.0	0.3	0.0	41.3	3
8	10	-31	0	0	0	-0	-0	10.3	3.4	0.1	0.0	13.7	3
9	10	106	-0	-0	0	0	0	35.0	11.5	0.2	0.0	46.5	3

ASTA NUM. 199 NI 2465 NF 2464 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-24	0	0	0	0	-0	7.9	4.6	0.3	0.0	12.5	3	
7	0	-73	1	-0	0	-0	-0	23.9	11.3	0.5	0.0	35.2	3	
8	0	-32	0	-0	0	-0	-0	10.5	5.1	0.3	0.0	15.7	3	
9	0	90	-0	0	0	0	0	29.7	11.9	0.0	0.0	41.6	3	
2	27	-24	0	0	0	0	-0	7.9	2.3	0.1	0.0	10.2	3	
7	27	-73	0	-0	0	-0	-0	23.9	7.6	0.2	0.0	31.6	3	
8	27	-32	0	-0	0	-0	-0	10.5	3.2	0.1	0.0	13.8	3	
9	27	90	-0	0	0	0	0	29.7	10.4	0.2	0.0	40.1	3	
2	55	-24	-0	0	0	0	-0	7.9	2.2	0.1	0.0	10.0	3	
7	55	-73	0	-0	0	0	-0	23.9	6.3	0.0	0.0	30.2	3	
8	55	-32	-0	-0	0	0	-0	10.5	3.5	0.1	0.0	14.1	3	
9	55	90	-1	0	0	-0	0	29.7	6.7	0.5	0.0	36.4	3	

ASTA NUM. 198 NI 2464 NF 2463 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	0	-0	2.9	2.3	0.3	0.0	5.2	3	
7	0	-30	1	-0	0	0	-0	9.9	6.5	0.5	0.0	16.4	3	
8	0	-17	0	-0	0	0	-0	5.5	3.6	0.3	0.0	9.1	3	
9	0	37	-0	0	0	-0	0	12.1	6.8	0.1	0.0	18.9	3	
2	27	-9	0	0	0	0	-0	2.9	0.6	0.1	0.0	3.6	3	
7	27	-30	0	-0	0	0	-0	9.9	3.0	0.2	0.0	12.9	3	
8	27	-17	0	-0	0	0	-0	5.5	1.5	0.1	0.0	7.0	3	
9	27	37	-0	0	0	-0	0	12.1	4.4	0.4	0.0	16.5	3	
2	55	-9	-0	0	0	-0	-0	2.9	1.1	0.2	0.0	4.1	3	
7	55	-30	0	-0	0	0	-0	9.9	1.7	0.0	0.0	11.6	3	
8	55	-17	-0	-0	0	0	-0	5.5	1.6	0.1	0.0	7.1	3	
9	55	37	-1	0	0	-0	0	12.1	0.1	0.6	0.0	12.2	2	

ASTA NUM. 195 NI 2463 NF 2461 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	0	-8	0	0	0	0	-0	2.7	1.2	0.2	0.0	4.0	3	
8	0	-9	0	0	0	0	-0	2.9	1.3	0.2	0.0	4.2	3	
9	0	3	-0	-0	0	-0	0	1.0	0.8	0.2	0.0	1.8	3	
2	5	-4	-0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.5	3	
7	5	-8	0	0	0	0	-0	2.7	0.9	0.2	0.0	3.6	3	
8	5	-9	0	0	0	0	-0	2.9	1.0	0.2	0.0	3.8	3	
9	5	3	-0	-0	0	-0	0	1.0	0.4	0.2	0.0	1.4	3	
2	10	-4	-0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	10	-8	0	0	0	0	-0	2.7	0.7	0.1	0.0	3.4	3	
8	10	-9	0	0	0	-0	-0	2.9	0.7	0.1	0.0	3.5	3	
9	10	3	-0	-0	0	0	0	1.0	0.0	0.3	0.0	1.1	2	

ASTA NUM. 194 NI 2461 NF 2460 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.6	0.4	0.1	0.0	1.1	3	
7	0	-4	0	-0	0	0	-0	1.2	0.9	0.2	0.0	2.2	3	
8	0	-4	0	-0	0	-0	-0	1.4	1.1	0.2	0.0	2.6	3	
9	0	0	0	0	0	0	0	0.1	0.0	0.1	0.0	0.1	2	
2	14	-2	0	0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2	
7	14	-4	0	-0	0	0	-0	1.2	0.3	0.1	0.0	1.6	3	
8	14	-4	0	-0	0	0	-0	1.4	0.4	0.1	0.0	1.9	3	
9	14	0	-0	0	0	-0	0	0.1	0.0	0.0	0.0	0.2	2	
2	27	-2	-0	0	0	-0	-0	0.6	0.3	0.1	0.0	1.0	3	
7	27	-4	-0	-0	0	0	0	1.2	0.0	0.0	0.0	1.3	2	
8	27	-4	-0	-0	0	0	0	1.4	0.1	0.0	0.0	1.5	2	
9	27	0	-0	0	0	-0	-0	0.1	0.4	0.2	0.0	0.5	3	

ASTA NUM. 435 NI 2460 NF 3445 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	-0	0	-0	-0	0.8	0.7	0.3	0.0	1.5	3	
7	0	-1	1	0	0	0	-0	0.3	1.3	0.4	0.0	1.6	3	
8	0	1	1	0	0	0	-0	0.3	1.5	0.5	0.0	1.7	3	
9	0	-3	0	-0	0	-0	0	0.9	0.1	0.2	0.0	1.0	2	
2	14	-2	-0	-0	0	-0	0	0.8	0.0	0.0	0.0	0.8	2	
7	14	-1	0	0	0	0	0	0.3	0.0	0.1	0.0	0.4	2	
8	14	1	0	0	0	0	0	0.3	0.4	0.2	0.0	0.7	5	
9	14	-3	-0	-0	0	-0	0	0.9	0.0	0.1	0.0	1.0	2	
2	27	-2	-0	-0	0	0	-0	0.8	0.9	0.3	0.0	1.7	1	
7	27	-1	-0	0	0	0	0	0.3	0.0	0.2	0.0	0.5	2	
8	27	1	-0	0	0	0	0	0.3	0.5	0.1	0.0	0.8	1	
9	27	-3	-1	-0	0	0	-0	0.9	1.5	0.5	0.0	2.4	1	

ASTA NUM. 406 NI 1458 NF 3428 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	0	-0	0	-0	0	1.3	0.0	0.3	0.0	1.4	2	
7	0	-4	0	0	0	0	-0	1.2	1.0	0.3	0.0	2.3	3	
8	0	-11	0	0	0	0	-0	3.6	1.9	0.3	0.0	5.4	3	
9	0	9	0	-0	0	-0	0	2.9	0.9	0.2	0.0	3.7	3	
2	14	4	-0	-0	0	0	0	1.3	0.7	0.0	0.0	2.1	3	
7	14	-4	0	0	0	0	0	1.2	0.0	0.0	0.0	1.2	2	
8	14	-11	0	0	0	-0	-0	3.6	1.0	0.0	0.0	4.5	3	
9	14	9	-0	-0	0	0	0	2.9	1.3	0.1	0.0	4.1	3	
2	27	4	-0	-0	0	0	0	1.3	0.0	0.3	0.0	1.5	2	
7	27	-4	-0	0	0	-0	-0	1.2	0.9	0.3	0.0	2.1	3	
8	27	-11	-0	0	0	-0	-0	3.6	1.7	0.3	0.0	5.3	3	
9	27	9	-1	-0	0	0	0	2.9	0.1	0.4	0.0	3.0	2	

ASTA NUM. 207 NI 3428 NF 3385 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-0	0	0	0	0	0	0.1	0.0	0.1	0.0	0.2	2	
7	0	-2	0	-0	0	-0	-0	0.7	0.4	0.1	0.0	1.1	3	
8	0	-4	0	-0	0	-0	-0	1.5	0.7	0.1	0.0	2.2	3	
9	0	0	0	0	0	0	0	0.1	0.1	0.1	0.0	0.2	2	
2	14	-0	-0	0	0	0	0	0.1	0.0	0.0	0.0	0.2	2	
7	14	-2	-0	-0	0	-0	0	0.7	0.0	0.0	0.0	0.8	2	
8	14	-4	-0	-0	0	-0	-0	1.5	0.4	0.0	0.0	1.9	3	

9	14	0	-0	0	0	0	0	0.1	0.0	0.0	0.0	0.1	2
2	27	-0	-0	0	0	0	-0	0.1	0.3	0.1	0.0	0.5	3
7	27	-2	-0	-0	0	0	-0	0.7	0.5	0.1	0.0	1.2	3
8	27	-4	-0	-0	0	-0	-0	1.5	0.7	0.1	0.0	2.2	3
9	27	0	-0	0	0	0	-0	0.1	0.4	0.1	0.0	0.4	5

ASTA NUM. 206 NI 3385 NF 3388 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	0	-4	0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.7	3	
8	0	-3	0	0	0	-0	-0	1.0	0.5	0.1	0.0	1.5	3	
9	0	-3	0	-0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3	
2	5	-4	-0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	5	-4	0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
8	5	-3	0	0	0	-0	-0	1.0	0.3	0.1	0.0	1.3	3	
9	5	-3	-0	-0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3	
2	10	-4	-0	-0	0	0	-0	1.2	0.5	0.1	0.0	1.7	3	
7	10	-4	-0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
8	10	-3	0	0	0	-0	0	1.0	0.0	0.0	0.0	1.0	2	
9	10	-3	-0	-0	0	0	-0	0.9	0.4	0.0	0.0	1.3	3	

ASTA NUM. 209 NI 3388 NF 3387 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-25	0	-0	0	0	-0	8.3	1.4	0.0	0.0	9.8	3	
7	0	-8	0	0	0	0	-0	2.7	1.2	0.2	0.0	3.9	3	
8	0	31	1	0	0	-0	-0	10.3	0.6	0.5	0.0	10.9	3	
9	0	-12	0	-0	0	0	-0	3.9	1.2	0.1	0.0	5.1	3	
2	27	-25	-0	-0	0	0	-0	8.3	2.5	0.2	0.0	10.8	3	
7	27	-8	-0	0	0	-0	-0	2.7	0.5	0.0	0.0	3.2	3	
8	27	31	0	0	0	-0	0	10.3	3.9	0.3	0.0	14.2	3	
9	27	-12	-0	-0	0	0	-0	3.9	1.0	0.1	0.0	4.9	3	
2	55	-25	-1	-0	0	0	-0	8.3	5.7	0.4	0.0	14.1	3	
7	55	-8	-0	0	0	-0	-0	2.7	2.1	0.3	0.0	4.8	3	
8	55	31	0	0	0	-0	0	10.3	6.2	0.1	0.0	16.5	3	
9	55	-12	-0	-0	0	0	-0	3.9	3.0	0.3	0.0	6.9	3	

ASTA NUM. 208 NI 3387 NF 3386 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-70	-0	0	0	0	-0	22.9	5.7	0.1	0.0	28.7	3	
7	0	-19	0	-0	0	-0	-0	6.3	2.3	0.2	0.0	8.6	3	
8	0	92	1	-0	0	-0	0	30.3	5.9	0.6	0.0	36.2	3	
9	0	-35	0	0	0	0	-0	11.4	2.8	0.0	0.0	14.1	3	
2	27	-70	-0	0	0	0	-0	22.9	7.3	0.3	0.0	30.3	3	
7	27	-19	-0	-0	0	0	-0	6.3	1.8	0.1	0.0	8.0	3	
8	27	92	0	-0	0	-0	0	30.3	10.5	0.4	0.0	40.8	3	
9	27	-35	-0	0	0	0	-0	11.4	3.4	0.2	0.0	14.8	3	
2	55	-70	-1	0	0	-0	-0	22.9	11.2	0.5	0.0	34.2	3	
7	55	-19	-0	-0	0	0	-0	6.3	3.5	0.3	0.0	9.7	3	
8	55	92	0	-0	0	0	0	30.3	13.2	0.1	0.0	43.5	3	
9	55	-35	-1	0	0	-0	-0	11.4	6.6	0.4	0.0	18.0	3	

ASTA NUM. 205 NI 3386 NF 3389 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-105	-0	-1	0	-0	-0	34.4	11.5	0.4	0.0	45.9	3
7	0	-23	0	0	0	0	-0	7.7	2.9	0.2	0.0	10.6	3
8	0	139	0	1	0	0	1	45.7	15.0	0.7	0.0	60.7	3
9	0	-64	-0	-1	0	-0	-0	21.2	6.9	0.7	0.0	28.1	3
2	5	-105	-0	-1	0	0	-0	34.4	12.1	0.4	0.0	46.6	3
7	5	-23	0	0	0	-0	-0	7.7	2.9	0.2	0.0	10.6	3
8	5	139	0	1	0	-0	1	45.7	16.5	0.7	0.0	62.2	3
9	5	-64	-0	-1	0	0	-0	21.2	8.3	0.7	0.0	29.5	3
2	10	-105	-0	-1	0	0	-0	34.4	12.9	0.4	0.0	47.4	3
7	10	-23	0	0	0	-0	-0	7.7	3.1	0.2	0.0	10.8	3
8	10	139	0	1	0	-0	1	45.7	18.2	0.7	0.0	63.9	3
9	10	-64	-0	-1	0	0	-0	21.2	10.0	0.7	0.0	31.2	3

ASTA NUM. 215 NI 3389 NF 3485 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-132	-0	1	0	0	-0	43.5	14.2	0.5	0.0	57.6	3	
7	0	-27	0	-0	0	-0	-0	8.9	3.7	0.4	0.0	12.6	3	
8	0	172	1	-2	0	-0	1	56.7	19.0	1.1	0.0	75.7	3	
9	0	-90	-0	1	0	0	-0	29.7	10.8	1.1	0.0	40.5	3	
2	14	-132	-0	1	0	-0	-1	43.5	15.7	0.5	0.0	59.2	3	
7	14	-27	-0	-0	0	0	-0	8.9	4.0	0.4	0.0	12.9	3	
8	14	172	1	-2	0	0	1	56.7	22.1	1.1	0.0	78.8	3	
9	14	-90	-0	1	0	-0	-0	29.7	12.9	1.1	0.0	42.6	3	
2	27	-132	-1	1	0	-0	-1	43.5	20.5	0.5	0.0	64.0	3	
7	27	-27	-0	-0	0	0	-0	8.9	6.2	0.4	0.0	15.2	3	
8	27	172	0	-2	0	0	1	56.7	29.7	1.1	0.0	86.5	3	
9	27	-90	-1	1	0	-0	-0	29.7	20.6	1.1	0.0	50.3	3	

ASTA NUM. 216 NI 3485 NF 3484 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-164	1	-2	0	-0	-1	54.0	25.1	1.3	0.0	79.0	3	
7	0	-49	-1	1	0	0	-0	16.1	3.7	1.1	0.0	19.8	3	
8	0	189	-2	4	0	0	1	62.3	38.7	3.0	0.0	101.0	3	
9	0	-99	3	-4	0	-0	-1	32.4	29.4	3.0	0.0	61.8	3	
2	14	-164	1	-2	0	0	-1	54.0	20.3	1.3	0.0	74.3	3	
7	14	-49	-1	1	0	-0	-0	16.1	8.0	1.1	0.0	24.1	3	
8	14	189	-3	4	0	-0	1	62.3	27.2	3.0	0.0	89.5	3	
9	14	-99	3	-4	0	0	-0	32.4	17.0	3.0	0.0	49.4	3	
2	27	-164	1	-2	0	0	-1	54.0	24.1	1.3	0.0	78.1	3	
7	27	-49	-1	1	0	-0	-0	16.1	18.7	1.1	0.0	34.8	3	
8	27	189	-3	4	0	-1	0	62.3	32.3	3.0	0.0	94.6	3	
9	27	-99	3	-4	0	1	-0	32.4	22.4	3.0	0.0	54.8	3	

ASTA NUM. 312 NI 3484 NF 1542 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-49	1	-2	0	-0	-0	16.0	18.7	1.1	0.0	34.7	3	
7	0	-164	-1	2	0	0	-1	53.9	24.0	1.3	0.0	77.9	3	
8	0	-98	-3	4	0	1	-0	32.4	22.4	3.0	0.0	54.7	3	
9	0	190	3	-4	0	-1	0	62.3	32.4	3.0	0.0	94.8	3	
2	14	-49	1	-2	0	-0	-0	16.0	8.0	1.1	0.0	24.0	3	
7	14	-164	-1	2	0	0	-1	53.9	20.3	1.3	0.0	74.2	3	
8	14	-98	-3	4	0	0	-0	32.4	17.0	3.0	0.0	49.4	3	
9	14	190	3	-4	0	-0	1	62.3	27.2	3.0	0.0	89.5	3	
2	27	-49	1	-2	0	0	-0	16.0	3.7	1.1	0.0	19.7	3	
7	27	-164	-1	2	0	-0	-1	53.9	25.0	1.3	0.0	78.9	3	
8	27	-98	-3	4	0	-0	-1	32.4	29.3	3.0	0.0	61.7	3	
9	27	190	2	-4	0	0	1	62.3	38.7	3.0	0.0	101.1	3	

ASTA NUM. 313 NI 1542 NF 2468 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-27	0	0	0	0	-0	8.8	6.2	0.4	0.0	15.0	3	
7	0	-132	1	-1	0	-0	-1	43.4	20.4	0.5	0.0	63.8	3	
8	0	-90	1	-1	0	-0	-0	29.7	20.5	1.1	0.0	50.2	3	
9	0	173	-0	2	0	0	1	56.8	29.7	1.1	0.0	86.5	3	
2	14	-27	0	0	0	0	-0	8.8	4.0	0.4	0.0	12.8	3	
7	14	-132	0	-1	0	-0	-1	43.4	15.7	0.5	0.0	59.1	3	
8	14	-90	0	-1	0	-0	-0	29.7	12.8	1.1	0.0	42.5	3	
9	14	173	-1	2	0	0	1	56.8	22.1	1.1	0.0	78.9	3	
2	27	-27	-0	0	0	-0	-0	8.8	3.7	0.4	0.0	12.5	3	
7	27	-132	0	-1	0	0	-0	43.4	14.1	0.5	0.0	57.5	3	
8	27	-90	0	-1	0	0	-0	29.7	10.7	1.1	0.0	40.4	3	
9	27	173	-1	2	0	-0	1	56.8	19.0	1.1	0.0	75.7	3	

ASTA NUM. 212 NI 2468 NF 2467 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-23	-0	-0	0	-0	-0	7.6	3.1	0.2	0.0	10.7	3	
7	0	-104	0	0	0	0	-0	34.4	12.9	0.4	0.0	47.2	3	
8	0	-64	0	1	0	0	-0	21.2	9.9	0.7	0.0	31.1	3	
9	0	139	-0	-1	0	-0	1	45.8	18.2	0.7	0.0	64.0	3	
2	5	-23	-0	-0	0	-0	-0	7.6	2.9	0.2	0.0	10.5	3	
7	5	-104	0	0	0	0	-0	34.4	12.1	0.4	0.0	46.5	3	
8	5	-64	0	1	0	0	-0	21.2	8.2	0.7	0.0	29.4	3	
9	5	139	-0	-1	0	-0	1	45.8	16.5	0.7	0.0	62.2	3	
2	10	-23	-0	-0	0	0	-0	7.6	2.9	0.2	0.0	10.5	3	
7	10	-104	-0	0	0	-0	-0	34.4	11.5	0.4	0.0	45.9	3	
8	10	-64	0	1	0	-0	-0	21.2	6.9	0.7	0.0	28.1	3	
9	10	139	-0	-1	0	0	1	45.8	15.0	0.7	0.0	60.7	3	

ASTA NUM. 210 NI 2467 NF 2466 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-19	0	0	0	0	-0	6.2	3.4	0.3	0.0	9.7	3	
7	0	-70	1	-0	0	-0	-0	22.9	11.2	0.5	0.0	34.1	3	
8	0	-34	1	-0	0	-0	-0	11.3	6.6	0.4	0.0	17.9	3	
9	0	92	-0	0	0	0	0	30.3	13.2	0.1	0.0	43.6	3	
2	27	-19	0	0	0	0	-0	6.2	1.7	0.1	0.0	8.0	3	
7	27	-70	0	-0	0	0	-0	22.9	7.3	0.3	0.0	30.2	3	
8	27	-34	0	-0	0	0	-0	11.3	3.4	0.2	0.0	14.8	3	
9	27	92	-0	0	0	-0	0	30.3	10.5	0.4	0.0	40.8	3	
2	55	-19	-0	0	0	-0	-0	6.2	2.3	0.2	0.0	8.5	3	
7	55	-70	0	-0	0	0	-0	22.9	5.7	0.1	0.0	28.6	3	
8	55	-34	-0	-0	0	0	-0	11.3	2.8	0.0	0.0	14.1	3	
9	55	92	-1	0	0	-0	0	30.3	5.9	0.6	0.0	36.2	3	

ASTA NUM. 211 NI 2466 NF 2469 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	0	-0	0	-0	-0	2.7	2.1	0.3	0.0	4.7	3	
7	0	-25	1	0	0	0	-0	8.3	5.7	0.4	0.0	14.0	3	
8	0	-12	0	0	0	0	-0	3.9	3.0	0.3	0.0	6.9	3	
9	0	31	-0	-0	0	-0	0	10.3	6.2	0.1	0.0	16.5	3	
2	27	-8	0	-0	0	-0	-0	2.7	0.5	0.0	0.0	3.2	3	
7	27	-25	0	0	0	0	-0	8.3	2.5	0.2	0.0	10.8	3	

8	27	-12	0	0	0	0	-0	3.9	1.0	0.1	0.0	4.9	3
9	27	31	-0	-0	0	-0	0	10.3	3.9	0.3	0.0	14.2	3
2	55	-8	-0	-0	0	0	-0	2.7	1.2	0.2	0.0	3.8	3
7	55	-25	-0	0	0	0	-0	8.3	1.4	0.0	0.0	9.7	3
8	55	-12	-0	0	0	0	-0	3.9	1.2	0.1	0.0	5.1	3
9	55	31	-1	-0	0	-0	-0	10.3	0.6	0.5	0.0	10.9	3

ASTA NUM. 213 NI 2469 NF 2471 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	0	-4	0	0	0	0	-0	1.2	0.5	0.1	0.0	1.7	3	
8	0	-3	0	0	0	0	-0	0.9	0.4	0.0	0.0	1.3	3	
9	0	-3	-0	-0	0	-0	0	1.0	0.0	0.0	0.0	1.0	2	
2	5	-4	-0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	5	-4	0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
8	5	-3	0	0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3	
9	5	-3	-0	-0	0	-0	-0	1.0	0.3	0.1	0.0	1.3	3	
2	10	-4	-0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	10	-4	-0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
8	10	-3	-0	0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3	
9	10	-3	-0	-0	0	-0	-0	1.0	0.5	0.1	0.0	1.5	3	

ASTA NUM. 214 NI 2471 NF 2470 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	-0	-0	0.7	0.5	0.1	0.0	1.2	3	
7	0	-0	0	-0	0	0	-0	0.1	0.3	0.1	0.0	0.5	3	
8	0	0	0	-0	0	0	-0	0.1	0.4	0.1	0.0	0.4	5	
9	0	-4	0	0	0	-0	-0	1.5	0.7	0.1	0.0	2.2	3	
2	14	-2	0	0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	
7	14	-0	0	-0	0	0	0	0.1	0.0	0.0	0.0	0.2	2	
8	14	0	0	-0	0	0	0	0.1	0.0	0.0	0.0	0.1	2	
9	14	-4	0	0	0	-0	-0	1.5	0.4	0.0	0.0	1.9	3	
2	27	-2	-0	0	0	-0	-0	0.7	0.4	0.1	0.0	1.1	3	
7	27	-0	-0	-0	0	0	0	0.1	0.0	0.1	0.0	0.2	2	
8	27	0	-0	-0	0	0	0	0.1	0.1	0.1	0.0	0.2	2	
9	27	-4	-0	0	0	-0	-0	1.5	0.7	0.1	0.0	2.2	3	

ASTA NUM. 436 NI 2470 NF 3447 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	-0	-0	1.2	0.9	0.3	0.0	2.1	3	
7	0	4	0	0	0	0	0	1.3	0.0	0.3	0.0	1.5	2	
8	0	9	1	0	0	0	0	2.9	0.1	0.4	0.0	3.0	2	
9	0	-11	0	-0	0	-0	-0	3.6	1.7	0.3	0.0	5.3	3	
2	14	-4	-0	-0	0	-0	0	1.2	0.0	0.0	0.0	1.2	2	
7	14	4	0	0	0	0	0	1.3	0.7	0.0	0.0	2.1	3	
8	14	9	0	0	0	0	0	2.9	1.3	0.1	0.0	4.1	3	
9	14	-11	-0	-0	0	-0	-0	3.6	1.0	0.0	0.0	4.5	3	
2	27	-4	-0	-0	0	0	-0	1.2	1.0	0.3	0.0	2.3	1	
7	27	4	-0	0	0	0	0	1.3	0.0	0.3	0.0	1.4	2	
8	27	9	-0	0	0	0	0	2.9	0.8	0.2	0.0	3.7	1	
9	27	-11	-0	-0	0	0	-0	3.6	1.8	0.3	0.0	5.4	1	

ASTA NUM. 399 NI 1461 NF 3434 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	2	0	0	0	-0	0	0.7	0.0	0.3	0.0	0.9	2
7	0	-2	0	0	0	0	0	0.7	0.7	0.3	0.0	1.5	3
8	0	-7	0	-0	0	0	0	2.2	1.1	0.3	0.0	3.3	3
9	0	5	0	0	0	-0	0	1.5	0.0	0.3	0.0	1.6	2
2	14	2	-0	0	0	-0	0	0.7	0.5	0.0	0.0	1.3	3
7	14	-2	-0	0	0	0	0	0.7	0.0	0.0	0.0	0.7	2
8	14	-7	-0	-0	0	0	0	2.2	0.5	0.0	0.0	2.7	3
9	14	5	-0	0	0	-0	0	1.5	0.8	0.0	0.0	2.4	3
2	27	2	-0	0	0	-0	-0	0.7	0.3	0.3	0.0	1.1	5
7	27	-2	-0	0	0	0	0	0.7	0.8	0.3	0.0	1.6	3
8	27	-7	-0	-0	0	0	-0	2.2	1.5	0.4	0.0	3.7	3
9	27	5	-0	0	0	-0	0	1.5	0.1	0.3	0.0	1.7	2

ASTA NUM. 226 NI 3434 NF 3392 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	-0	0	-0	0	0.2	0.0	0.1	0.0	0.3	2	
7	0	-2	0	0	0	0	-0	0.7	0.3	0.1	0.0	1.0	3	
8	0	-4	0	0	0	0	-0	1.3	0.5	0.1	0.0	1.9	3	
9	0	-0	0	-0	0	-0	0	0.0	0.1	0.1	0.0	0.2	2	
2	14	-1	-0	-0	0	-0	0	0.2	0.0	0.0	0.0	0.2	2	
7	14	-2	-0	0	0	0	0	0.7	0.0	0.0	0.0	0.7	2	
8	14	-4	-0	0	0	0	-0	1.3	0.4	0.0	0.0	1.7	3	
9	14	-0	-0	-0	0	-0	0	0.0	0.0	0.0	0.0	0.1	2	
2	27	-1	-0	-0	0	-0	-0	0.2	0.3	0.1	0.0	0.5	3	
7	27	-2	-0	0	0	0	-0	0.7	0.5	0.1	0.0	1.2	3	
8	27	-4	-0	0	0	0	-0	1.3	0.8	0.1	0.0	2.1	3	
9	27	-0	-0	-0	0	-0	-0	0.0	0.3	0.1	0.0	0.3	5	

ASTA NUM. 227 NI 3392 NF 3391 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	-0	-0	1.1	0.4	0.0	0.0	1.5	3	
7	0	-4	0	-0	0	0	-0	1.3	0.4	0.0	0.0	1.7	3	
8	0	-3	0	-0	0	0	-0	1.1	0.5	0.1	0.0	1.6	3	
9	0	-2	0	0	0	-0	-0	0.7	0.3	0.1	0.0	1.1	3	
2	5	-3	-0	0	0	-0	-0	1.1	0.4	0.0	0.0	1.5	3	
7	5	-4	-0	-0	0	0	-0	1.3	0.4	0.0	0.0	1.7	3	
8	5	-3	0	-0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3	
9	5	-2	0	0	0	-0	0	0.7	0.0	0.0	0.0	0.8	2	
2	10	-3	-0	0	0	-0	-0	1.1	0.4	0.1	0.0	1.6	3	
7	10	-4	-0	-0	0	0	-0	1.3	0.5	0.0	0.0	1.8	3	
8	10	-3	-0	-0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3	
9	10	-2	-0	0	0	-0	0	0.7	0.0	0.0	0.0	0.8	2	

ASTA NUM. 224 NI 3391 NF 3390 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-25	0	0	0	-0	-0	8.1	1.4	0.0	0.0	9.5	3	
7	0	-9	0	-0	0	0	-0	3.0	1.2	0.2	0.0	4.2	3	
8	0	29	1	-0	0	0	-0	9.6	0.7	0.5	0.0	10.3	3	
9	0	-9	0	0	0	-0	-0	3.1	1.2	0.2	0.0	4.3	3	
2	27	-25	-0	0	0	-0	-0	8.1	2.4	0.2	0.0	10.5	3	
7	27	-9	-0	-0	0	0	-0	3.0	0.7	0.1	0.0	3.6	3	
8	27	29	0	-0	0	0	0	9.6	3.7	0.3	0.0	13.3	3	
9	27	-9	-0	0	0	-0	-0	3.1	0.8	0.1	0.0	3.9	3	
2	55	-25	-1	0	0	-0	-0	8.1	5.6	0.4	0.0	13.7	3	
7	55	-9	-0	-0	0	0	-0	3.0	2.3	0.3	0.0	5.3	3	
8	55	29	0	-0	0	0	0	9.6	5.8	0.1	0.0	15.4	3	
9	55	-9	-0	0	0	-0	-0	3.1	2.6	0.3	0.0	5.7	3	

ASTA NUM. 225 NI 3390 NF 3394 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-68	-0	-0	0	-0	-0	22.2	5.6	0.1	0.0	27.8	3	
7	0	-21	0	0	0	0	-0	7.0	2.4	0.1	0.0	9.5	3	
8	0	87	1	0	0	0	0	28.5	5.6	0.6	0.0	34.1	3	
9	0	-29	0	-0	0	-0	-0	9.5	2.4	0.1	0.0	11.9	3	
2	27	-68	-0	-0	0	-0	-0	22.2	7.1	0.3	0.0	29.3	3	
7	27	-21	-0	0	0	-0	-0	7.0	2.0	0.1	0.0	9.1	3	
8	27	87	0	0	0	0	0	28.5	9.9	0.3	0.0	38.5	3	
9	27	-29	-0	-0	0	-0	-0	9.5	2.8	0.2	0.0	12.3	3	
2	55	-68	-1	-0	0	0	-0	22.2	10.9	0.5	0.0	33.1	3	
7	55	-21	-0	0	0	-0	-0	7.0	3.8	0.3	0.0	10.9	3	
8	55	87	0	0	0	-0	0	28.5	12.3	0.1	0.0	40.8	3	
9	55	-29	-1	-0	0	0	-0	9.5	5.6	0.4	0.0	15.1	3	

ASTA NUM. 228 NI 3394 NF 3393 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-101	0	0	0	0	-0	33.3	11.1	0.3	0.0	44.4	3	
7	0	-27	0	-0	0	-0	-0	9.0	3.3	0.2	0.0	12.2	3	
8	0	130	0	-1	0	-0	1	42.8	14.0	0.7	0.0	56.8	3	
9	0	-55	-0	1	0	0	-0	18.0	5.9	0.7	0.0	23.9	3	
2	5	-101	-0	0	0	-0	-0	33.3	11.7	0.3	0.0	45.0	3	
7	5	-27	0	-0	0	0	-0	9.0	3.3	0.2	0.0	12.3	3	
8	5	130	0	-1	0	0	1	42.8	15.5	0.7	0.0	58.2	3	
9	5	-55	-0	1	0	-0	-0	18.0	7.2	0.7	0.0	25.2	3	
2	10	-101	-0	0	0	-0	-0	33.3	12.4	0.3	0.0	45.7	3	
7	10	-27	0	-0	0	0	-0	9.0	3.5	0.2	0.0	12.5	3	
8	10	130	0	-1	0	0	1	42.8	17.0	0.7	0.0	59.8	3	
9	10	-55	-0	1	0	-0	-0	18.0	8.7	0.7	0.0	26.7	3	

ASTA NUM. 217 NI 3393 NF 3513 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-127	-0	-1	0	-0	-0	41.9	13.7	0.5	0.0	55.6	3	
7	0	-32	0	0	0	0	-0	10.6	4.1	0.3	0.0	14.7	3	
8	0	161	1	1	0	0	1	52.8	17.8	1.0	0.0	70.6	3	
9	0	-78	-0	-1	0	-0	-0	25.5	9.5	1.0	0.0	35.1	3	
2	14	-127	-0	-1	0	0	-1	41.9	15.2	0.5	0.0	57.1	3	
7	14	-32	-0	0	0	-0	-0	10.6	4.5	0.3	0.0	15.1	3	
8	14	161	1	1	0	-0	1	52.8	20.6	1.0	0.0	73.4	3	
9	14	-78	-0	-1	0	0	-0	25.5	11.3	1.0	0.0	36.8	3	
2	27	-127	-1	-1	0	0	-1	41.9	19.7	0.5	0.0	61.6	3	
7	27	-32	-0	0	0	-0	-0	10.6	6.7	0.3	0.0	17.3	3	
8	27	161	0	1	0	-0	1	52.8	27.7	1.0	0.0	80.5	3	
9	27	-78	-1	-1	0	0	-0	25.5	18.4	1.0	0.0	43.9	3	

ASTA NUM. 332 NI 3513 NF 3515 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-159	1	2	0	0	-1	52.2	23.9	1.2	0.0	76.1	3	
7	0	-55	-1	-1	0	-0	-0	17.9	4.4	1.1	0.0	22.4	3	
8	0	176	-2	-4	0	-0	1	57.9	35.9	2.9	0.0	93.8	3	
9	0	-84	3	4	0	0	-1	27.8	26.5	2.9	0.0	54.2	3	
2	14	-159	1	2	0	-0	-1	52.2	19.7	1.2	0.0	71.9	3	

7	14	-55	-1	-1	0	0	-0	17.9	8.6	1.1	0.0	26.5	3
8	14	176	-2	-4	0	0	1	57.9	25.7	2.9	0.0	83.6	3
9	14	-84	2	4	0	-0	-0	27.8	15.5	2.9	0.0	43.3	3
2	27	-159	1	2	0	-0	-1	52.2	23.7	1.2	0.0	75.8	3
7	27	-55	-1	-1	0	0	-0	17.9	18.8	1.1	0.0	36.7	3
8	27	176	-2	-4	0	1	0	57.9	31.3	2.9	0.0	89.2	3
9	27	-84	2	4	0	-1	-0	27.8	21.3	2.9	0.0	49.0	3

ASTA NUM. 333 NI 3515 NF 3514 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-54	1	1	0	0	-0	17.8	18.8	1.1	0.0	36.6	3			
7	0	-158	-1	-2	0	-0	-1	52.1	23.6	1.2	0.0	75.7	3			
8	0	-84	-2	-4	0	-1	-0	27.7	21.3	2.9	0.0	49.0	3			
9	0	176	2	4	0	1	0	58.0	31.4	2.9	0.0	89.4	3			
2	14	-54	1	1	0	0	-0	17.8	8.6	1.1	0.0	26.4	3			
7	14	-158	-1	-2	0	-0	-1	52.1	19.7	1.2	0.0	71.8	3			
8	14	-84	-2	-4	0	-0	-0	27.7	15.5	2.9	0.0	43.2	3			
9	14	176	2	4	0	0	1	58.0	25.7	2.9	0.0	83.7	3			
2	27	-54	1	1	0	-0	-0	17.8	4.4	1.1	0.0	22.3	3			
7	27	-158	-1	-2	0	0	-1	52.1	23.9	1.2	0.0	76.0	3			
8	27	-84	-3	-4	0	0	-1	27.7	26.4	2.9	0.0	54.2	3			
9	27	176	2	4	0	-0	1	58.0	35.9	2.9	0.0	93.9	3			

ASTA NUM. 221 NI 3514 NF 2476 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-32	0	-0	0	-0	-0	10.5	6.7	0.3	0.0	17.2	3			
7	0	-127	1	1	0	0	-1	41.8	19.6	0.5	0.0	61.5	3			
8	0	-77	1	1	0	0	-0	25.5	18.3	1.0	0.0	43.8	3			
9	0	161	-0	-1	0	-0	1	52.9	27.7	1.0	0.0	80.6	3			
2	14	-32	0	-0	0	-0	-0	10.5	4.5	0.3	0.0	15.0	3			
7	14	-127	0	1	0	0	-1	41.8	15.1	0.5	0.0	57.0	3			
8	14	-77	0	1	0	0	-0	25.5	11.3	1.0	0.0	36.7	3			
9	14	161	-1	-1	0	-0	1	52.9	20.6	1.0	0.0	73.5	3			
2	27	-32	-0	-0	0	0	-0	10.5	4.1	0.3	0.0	14.6	3			
7	27	-127	0	1	0	-0	-0	41.8	13.7	0.5	0.0	55.5	3			
8	27	-77	0	1	0	-0	-0	25.5	9.5	1.0	0.0	34.9	3			
9	27	161	-1	-1	0	0	1	52.9	17.8	1.0	0.0	70.6	3			

ASTA NUM. 220 NI 2476 NF 3264 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-27	-0	0	0	0	-0	8.9	3.5	0.2	0.0	12.4	3			
7	0	-101	0	-0	0	-0	-0	33.2	12.4	0.3	0.0	45.6	3			
8	0	-55	0	-1	0	-0	-0	18.0	8.6	0.7	0.0	26.6	3			
9	0	130	-0	1	0	0	1	42.8	17.0	0.7	0.0	59.8	3			
2	5	-27	-0	0	0	0	-0	8.9	3.3	0.2	0.0	12.2	3			
7	5	-101	0	-0	0	-0	-0	33.2	11.7	0.3	0.0	44.9	3			
8	5	-55	0	-1	0	-0	-0	18.0	7.1	0.7	0.0	25.1	3			
9	5	130	-0	1	0	0	1	42.8	15.5	0.7	0.0	58.2	3			
2	10	-27	-0	0	0	-0	-0	8.9	3.3	0.2	0.0	12.2	3			
7	10	-101	-0	-0	0	0	-0	33.2	11.1	0.3	0.0	44.3	3			
8	10	-55	0	-1	0	0	-0	18.0	5.9	0.7	0.0	23.9	3			
9	10	130	-0	1	0	-0	1	42.8	14.0	0.7	0.0	56.8	3			

ASTA NUM. 223 NI 3264 NF 2479 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
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cm		kg		kg*m		kg/cmq							
2	0	-21	0	-0	0	-0	-0	7.0	3.8	0.3	0.0	10.8	3
7	0	-67	1	0	0	0	-0	22.2	10.8	0.5	0.0	33.0	3
8	0	-29	1	0	0	0	-0	9.4	5.6	0.4	0.0	15.0	3
9	0	87	-0	-0	0	-0	0	28.5	12.3	0.1	0.0	40.9	3
2	27	-21	0	-0	0	-0	-0	7.0	2.0	0.1	0.0	9.0	3
7	27	-67	0	0	0	-0	-0	22.2	7.1	0.3	0.0	29.3	3
8	27	-29	0	0	0	-0	-0	9.4	2.8	0.2	0.0	12.2	3
9	27	87	-0	-0	0	0	0	28.5	9.9	0.3	0.0	38.5	3
2	55	-21	-0	-0	0	0	-0	7.0	2.4	0.1	0.0	9.5	3
7	55	-67	0	0	0	-0	-0	22.2	5.6	0.1	0.0	27.8	3
8	55	-29	-0	0	0	-0	-0	9.4	2.4	0.1	0.0	11.8	3
9	55	87	-1	-0	0	0	0	28.5	5.6	0.6	0.0	34.1	3

ASTA NUM. 222 NI 2479 NF 2477 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	0	-0	3.0	2.3	0.3	0.0	5.2	3	
7	0	-24	1	-0	0	-0	-0	8.0	5.6	0.4	0.0	13.6	3	
8	0	-9	0	-0	0	-0	-0	3.1	2.6	0.3	0.0	5.7	3	
9	0	29	-0	0	0	0	0	9.6	5.8	0.1	0.0	15.4	3	
2	27	-9	0	0	0	0	-0	3.0	0.6	0.1	0.0	3.6	3	
7	27	-24	0	-0	0	-0	-0	8.0	2.4	0.2	0.0	10.4	3	
8	27	-9	0	-0	0	-0	-0	3.1	0.8	0.1	0.0	3.9	3	
9	27	29	-0	0	0	0	0	9.6	3.7	0.3	0.0	13.3	3	
2	55	-9	-0	0	0	0	-0	3.0	1.2	0.2	0.0	4.2	3	
7	55	-24	-0	-0	0	-0	-0	8.0	1.4	0.0	0.0	9.5	3	
8	55	-9	-0	-0	0	-0	-0	3.1	1.2	0.2	0.0	4.2	3	
9	55	29	-1	0	0	0	-0	9.6	0.7	0.5	0.0	10.3	3	

ASTA NUM. 219 NI 2477 NF 2473 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	0	-0	1.3	0.5	0.0	0.0	1.8	3	
7	0	-3	0	-0	0	-0	-0	1.1	0.4	0.1	0.0	1.6	3	
8	0	-2	0	-0	0	-0	0	0.7	0.0	0.0	0.0	0.8	2	
9	0	-3	0	0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3	
2	5	-4	0	0	0	0	-0	1.3	0.4	0.0	0.0	1.7	3	
7	5	-3	0	-0	0	-0	-0	1.1	0.4	0.0	0.0	1.5	3	
8	5	-2	-0	-0	0	-0	0	0.7	0.0	0.0	0.0	0.8	2	
9	5	-3	-0	0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3	
2	10	-4	-0	0	0	0	-0	1.3	0.4	0.0	0.0	1.7	3	
7	10	-3	-0	-0	0	-0	-0	1.1	0.4	0.0	0.0	1.5	3	
8	10	-2	-0	-0	0	-0	-0	0.7	0.3	0.1	0.0	1.0	3	
9	10	-3	-0	0	0	0	-0	1.1	0.5	0.1	0.0	1.6	3	

ASTA NUM. 218 NI 2473 NF 2472 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	-0	0	0	-0	0.7	0.5	0.1	0.0	1.2	3	
7	0	-1	0	0	0	-0	-0	0.2	0.3	0.1	0.0	0.5	3	
8	0	-0	0	0	0	-0	-0	0.0	0.3	0.1	0.0	0.3	5	
9	0	-4	0	-0	0	0	-0	1.3	0.8	0.1	0.0	2.1	3	
2	14	-2	0	-0	0	0	0	0.7	0.0	0.0	0.0	0.7	2	
7	14	-1	0	0	0	-0	0	0.2	0.0	0.0	0.0	0.2	2	
8	14	-0	0	0	0	-0	0	0.0	0.0	0.0	0.0	0.1	2	
9	14	-4	0	-0	0	0	-0	1.3	0.4	0.0	0.0	1.7	3	
2	27	-2	-0	-0	0	0	-0	0.7	0.3	0.1	0.0	1.0	3	
7	27	-1	-0	0	0	-0	0	0.2	0.0	0.1	0.0	0.3	2	
8	27	-0	-0	0	0	-0	0	0.0	0.1	0.1	0.0	0.2	2	
9	27	-4	-0	-0	0	0	-0	1.3	0.5	0.1	0.0	1.9	3	

ASTA NUM. 443 NI 2472 NF 3441 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.7	0.8	0.3	0.0	1.6	3	
7	0	2	0	-0	0	-0	-0	0.8	0.3	0.3	0.0	1.1	5	
8	0	5	0	-0	0	-0	0	1.6	0.1	0.3	0.0	1.7	2	
9	0	-7	0	0	0	0	-0	2.2	1.5	0.4	0.0	3.7	3	
2	14	-2	0	0	0	0	0	0.7	0.0	0.0	0.0	0.7	2	
7	14	2	0	-0	0	-0	0	0.8	0.5	0.0	0.0	1.3	3	
8	14	5	0	-0	0	-0	0	1.6	0.8	0.0	0.0	2.4	3	
9	14	-7	0	0	0	0	-0	2.2	0.5	0.0	0.0	2.6	3	
2	27	-2	-0	0	0	0	-0	0.7	0.7	0.3	0.0	1.5	1	
7	27	2	-0	-0	0	0	0	0.8	0.0	0.3	0.0	0.9	2	
8	27	5	-0	-0	0	0	0	1.6	0.0	0.3	0.0	1.6	2	
9	27	-7	-0	0	0	0	-0	2.2	1.1	0.3	0.0	3.2	1	

ASTA NUM. 400 NI 1460 NF 3432 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	0	0	0	0	0.5	0.0	0.2	0.0	0.6	2	
7	0	-2	0	0	0	0	-0	0.6	0.8	0.3	0.0	1.3	3	
8	0	-1	1	-0	0	0	-0	0.4	1.3	0.4	0.0	1.6	3	
9	0	-1	0	0	0	0	0	0.2	0.0	0.1	0.0	0.3	2	
2	14	-1	-0	0	0	-0	0	0.5	0.0	0.1	0.0	0.5	2	
7	14	-2	0	0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
8	14	-1	0	-0	0	0	0	0.4	0.0	0.1	0.0	0.4	2	
9	14	-1	-0	0	0	-0	0	0.2	0.0	0.2	0.0	0.4	2	
2	27	-1	-1	0	0	-0	-0	0.5	1.3	0.4	0.0	1.7	3	
7	27	-2	-0	0	0	-0	-0	0.6	0.7	0.3	0.0	1.2	3	
8	27	-1	-0	-0	0	0	0	0.4	0.0	0.2	0.0	0.5	2	
9	27	-1	-1	0	0	-0	-0	0.2	1.5	0.5	0.0	1.7	3	

ASTA NUM. 231 NI 3432 NF 3395 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	-0	-0	1.3	0.3	0.0	0.0	1.6	3	
7	0	-2	0	0	0	-0	-0	0.6	0.3	0.1	0.0	1.0	3	
8	0	0	0	0	0	0	-0	0.1	0.4	0.1	0.0	0.5	3	
9	0	-5	0	-0	0	-0	0	1.5	0.0	0.0	0.0	1.5	2	
2	14	-4	-0	-0	0	-0	-0	1.3	0.4	0.1	0.0	1.6	3	
7	14	-2	-0	0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2	
8	14	0	0	0	0	0	0	0.1	0.0	0.0	0.0	0.2	2	
9	14	-5	-0	-0	0	-0	-0	1.5	0.4	0.1	0.0	1.9	3	
2	27	-4	-0	-0	0	0	-0	1.3	0.9	0.2	0.0	2.2	3	
7	27	-2	-0	0	0	-0	-0	0.6	0.5	0.1	0.0	1.1	3	
8	27	0	-0	0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2	
9	27	-5	-0	-0	0	0	-0	1.5	1.1	0.2	0.0	2.6	3	

ASTA NUM. 230 NI 3395 NF 3398 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	-0	0	0	0	-0	2.7	0.7	0.1	0.0	3.4	3	
7	0	-4	0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.7	3	
8	0	3	0	-0	0	-0	0	0.9	0.0	0.3	0.0	1.0	2	
9	0	-8	-0	0	0	0	-0	2.8	0.7	0.1	0.0	3.5	3	

2	5	-8	-0	0	0	-0	-0	2.7	0.9	0.1	0.0	3.6	3
7	5	-4	0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3
8	5	3	0	-0	0	0	0	0.9	0.4	0.2	0.0	1.3	3
9	5	-8	-0	0	0	-0	-0	2.8	1.0	0.2	0.0	3.7	3
2	10	-8	-0	0	0	-0	-0	2.7	1.2	0.2	0.0	4.0	3
7	10	-4	-0	-0	0	0	-0	1.2	0.4	0.0	0.0	1.7	3
8	10	3	0	-0	0	0	0	0.9	0.8	0.2	0.0	1.7	3
9	10	-8	-0	0	0	-0	-0	2.8	1.3	0.2	0.0	4.1	3

ASTA NUM. 233 NI 3398 NF 3397 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-30	-0	-0	0	-0	-0	9.9	1.7	0.0	0.0	11.5	3	
7	0	-9	0	0	0	0	-0	3.1	1.1	0.2	0.0	4.2	3	
8	0	36	1	0	0	0	0	11.8	0.1	0.6	0.0	11.9	2	
9	0	-16	0	-0	0	-0	-0	5.2	1.6	0.1	0.0	6.8	3	
2	27	-30	-0	-0	0	-0	-0	9.9	3.0	0.2	0.0	12.8	3	
7	27	-9	-0	0	0	-0	-0	3.1	0.7	0.1	0.0	3.8	3	
8	27	36	0	0	0	0	0	11.8	4.3	0.3	0.0	16.1	3	
9	27	-16	-0	-0	0	-0	-0	5.2	1.4	0.1	0.0	6.6	3	
2	55	-30	-1	-0	0	-0	-0	9.9	6.4	0.5	0.0	16.3	3	
7	55	-9	-0	0	0	-0	-0	3.1	2.4	0.3	0.0	5.5	3	
8	55	36	0	0	0	0	0	11.8	6.7	0.1	0.0	18.4	3	
9	55	-16	-0	-0	0	-0	-0	5.2	3.4	0.3	0.0	8.6	3	

ASTA NUM. 232 NI 3397 NF 3396 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-72	-0	0	0	-0	-0	23.7	6.2	0.0	0.0	29.9	3	
7	0	-25	0	0	0	-0	-0	8.2	2.2	0.1	0.0	10.5	3	
8	0	88	1	0	0	0	0	29.0	6.6	0.5	0.0	35.5	3	
9	0	-30	0	0	0	-0	-0	9.8	3.4	0.2	0.0	13.2	3	
2	27	-72	-0	0	0	-0	-0	23.7	7.6	0.2	0.0	31.3	3	
7	27	-25	-0	0	0	-0	-0	8.2	2.4	0.1	0.0	10.6	3	
8	27	88	0	0	0	0	0	29.0	10.0	0.2	0.0	39.0	3	
9	27	-30	-0	0	0	-0	-0	9.8	2.9	0.1	0.0	12.7	3	
2	55	-72	-1	0	0	-0	-0	23.7	11.1	0.5	0.0	34.8	3	
7	55	-25	-0	0	0	-0	-0	8.2	4.7	0.3	0.0	13.0	3	
8	55	88	0	0	0	0	0	29.0	11.3	0.0	0.0	40.3	3	
9	55	-30	-0	0	0	-0	-0	9.8	4.6	0.3	0.0	14.4	3	

ASTA NUM. 229 NI 3396 NF 3399 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-100	0	-0	0	-0	-0	32.8	10.5	0.0	0.0	43.3	3	
7	0	-51	-0	0	0	-0	-0	16.7	4.3	0.1	0.0	21.0	3	
8	0	102	0	0	0	0	0	33.4	11.5	0.1	0.0	44.9	3	
9	0	-21	0	-0	0	-0	-0	6.9	4.0	0.3	0.0	10.9	3	
2	5	-100	-0	-0	0	0	-0	32.8	10.5	0.0	0.0	43.3	3	
7	5	-51	-0	0	0	-0	-0	16.7	4.5	0.1	0.0	21.2	3	
8	5	102	0	0	0	-0	0	33.4	11.6	0.1	0.0	45.1	3	
9	5	-21	0	-0	0	0	-0	6.9	3.5	0.3	0.0	10.5	3	
2	10	-100	-0	-0	0	0	-0	32.8	10.6	0.1	0.0	43.4	3	
7	10	-51	-0	0	0	-0	-0	16.7	4.8	0.2	0.0	21.5	3	
8	10	102	-0	0	0	-0	0	33.4	11.8	0.1	0.0	45.2	3	
9	10	-21	0	-0	0	0	-0	6.9	3.2	0.3	0.0	10.1	3	

ASTA NUM. 239 NI 3399 NF 3487 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-100	-0	-0	0	0	-0	32.8	10.6	0.1	0.0	43.4	3
7	0	-51	-0	0	0	-0	-0	16.7	4.8	0.2	0.0	21.5	3
8	0	102	-0	0	0	-0	0	33.4	11.8	0.1	0.0	45.2	3
9	0	-21	0	-0	0	0	-0	6.9	3.2	0.3	0.0	10.1	3
2	14	-100	-0	-0	0	0	-0	32.8	11.4	0.2	0.0	44.2	3
7	14	-51	-0	0	0	-0	-0	16.7	6.1	0.3	0.0	22.7	3
8	14	102	-0	0	0	-0	0	33.4	11.8	0.1	0.0	45.2	3
9	14	-21	0	-0	0	0	-0	6.9	2.5	0.2	0.0	9.4	3
2	27	-100	-0	-0	0	0	-0	32.8	12.8	0.3	0.0	45.5	3
7	27	-51	-1	0	0	-0	-0	16.7	7.8	0.4	0.0	24.5	3
8	27	102	-0	0	0	-0	0	33.4	11.3	0.2	0.0	44.7	3
9	27	-21	0	-0	0	0	-0	6.9	2.4	0.1	0.0	9.3	3

ASTA NUM. 240 NI 3487 NF 3486 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	-101	0	0	0	0	-0	33.3	12.7	0.3	0.0	45.9	3	
7	0	-76	-0	-0	0	-0	-0	25.1	7.2	0.2	0.0	32.3	3	
8	0	76	-1	-1	0	-0	0	24.9	12.1	0.5	0.0	37.0	3	
9	0	14	1	1	0	0	-0	4.6	2.9	0.7	0.0	7.5	3	
2	14	-101	0	0	0	-0	-0	33.3	11.5	0.2	0.0	44.7	3	
7	14	-76	-0	-0	0	0	-0	25.1	8.8	0.3	0.0	33.9	3	
8	14	76	-1	-1	0	0	0	24.9	9.6	0.6	0.0	34.5	3	
9	14	14	1	1	0	-0	0	4.6	2.8	0.6	0.0	7.4	3	
2	27	-101	0	0	0	-0	-0	33.3	12.1	0.2	0.0	45.4	3	
7	27	-76	-1	-0	0	0	-0	25.1	11.5	0.4	0.0	36.6	3	
8	27	76	-1	-1	0	0	0	24.9	8.8	0.7	0.0	33.7	3	
9	27	14	1	1	0	-0	0	4.6	8.0	0.5	0.0	12.5	3	

ASTA NUM. 314 NI 3486 NF 1543 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	-76	1	0	0	0	-0	25.1	11.5	0.4	0.0	36.7	3	
7	0	-101	-0	-0	0	-0	-0	33.3	12.2	0.2	0.0	45.5	3	
8	0	14	-1	-1	0	-0	0	4.6	8.0	0.5	0.0	12.6	3	
9	0	76	1	1	0	0	0	24.9	8.9	0.7	0.0	33.8	3	
2	14	-76	0	0	0	0	-0	25.1	8.8	0.3	0.0	34.0	3	
7	14	-101	-0	-0	0	-0	-0	33.3	11.5	0.2	0.0	44.8	3	
8	14	14	-1	-1	0	-0	0	4.6	2.8	0.6	0.0	7.4	3	
9	14	76	1	1	0	0	0	24.9	9.6	0.6	0.0	34.5	3	
2	27	-76	0	0	0	-0	-0	25.1	7.2	0.2	0.0	32.3	3	
7	27	-101	-0	-0	0	0	-0	33.3	12.7	0.2	0.0	46.0	3	
8	27	14	-1	-1	0	0	-0	4.6	3.0	0.7	0.0	7.6	3	
9	27	76	1	1	0	-0	0	24.9	12.2	0.5	0.0	37.2	3	

ASTA NUM. 315 NI 1543 NF 3267 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	-54	1	-0	0	-0	-0	17.7	7.8	0.4	0.0	25.5	3	
7	0	-102	0	0	0	0	-0	33.4	12.5	0.2	0.0	46.0	3	
8	0	-18	-0	0	0	0	-0	6.0	2.0	0.2	0.0	8.1	3	
9	0	101	0	-0	0	-0	0	33.2	11.2	0.3	0.0	44.5	3	
2	14	-54	0	-0	0	-0	-0	17.7	6.0	0.3	0.0	23.7	3	
7	14	-102	0	0	0	0	-0	33.4	11.4	0.1	0.0	44.8	3	
8	14	-18	-0	0	0	0	-0	6.0	2.6	0.3	0.0	8.6	3	
9	14	101	0	-0	0	-0	0	33.2	11.8	0.2	0.0	45.0	3	
2	27	-54	0	-0	0	-0	-0	17.7	4.8	0.2	0.0	22.5	3	
7	27	-102	-0	0	0	-0	-0	33.4	10.9	0.1	0.0	44.3	3	
8	27	-18	-1	0	0	0	-0	6.0	3.6	0.4	0.0	9.7	3	

9 27 101 0 -0 0 -0 0 33.2 11.9 0.1 0.0 45.1 3

ASTA NUM. 236 NI 3267 NF 3266 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-41	0	-0	0	-0	-0	13.6	5.0	0.2	0.0	18.6	3	
7	0	-94	0	-0	0	-0	-0	30.9	10.9	0.3	0.0	41.8	3	
8	0	-28	0	-0	0	0	-0	9.2	3.3	0.1	0.0	12.5	3	
9	0	104	-0	0	0	-0	0	34.0	11.7	0.1	0.0	45.7	3	
2	5	-41	0	-0	0	-0	-0	13.6	4.6	0.2	0.0	18.2	3	
7	5	-94	0	-0	0	0	-0	30.9	10.3	0.3	0.0	41.2	3	
8	5	-28	0	-0	0	0	-0	9.2	3.1	0.1	0.0	12.3	3	
9	5	104	-0	0	0	-0	0	34.0	11.4	0.2	0.0	45.5	3	
2	10	-41	0	-0	0	-0	-0	13.6	4.3	0.2	0.0	17.9	3	
7	10	-94	0	-0	0	0	-0	30.9	9.8	0.3	0.0	40.7	3	
8	10	-28	0	-0	0	0	-0	9.2	3.0	0.0	0.0	12.2	3	
9	10	104	-0	0	0	-0	0	34.0	11.1	0.2	0.0	45.2	3	

ASTA NUM. 234 NI 3266 NF 3265 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-25	0	-0	0	-0	-0	8.2	4.7	0.3	0.0	12.9	3	
7	0	-72	1	0	0	0	-0	23.7	11.1	0.5	0.0	34.8	3	
8	0	-30	0	0	0	0	-0	9.8	4.7	0.3	0.0	14.5	3	
9	0	88	-0	-0	0	-0	0	29.0	11.4	0.0	0.0	40.4	3	
2	27	-25	0	-0	0	-0	-0	8.2	2.4	0.1	0.0	10.6	3	
7	27	-72	0	0	0	-0	-0	23.7	7.5	0.2	0.0	31.2	3	
8	27	-30	0	0	0	0	-0	9.8	2.9	0.1	0.0	12.7	3	
9	27	88	-0	-0	0	-0	0	29.0	10.1	0.2	0.0	39.1	3	
2	55	-25	-0	-0	0	-0	-0	8.2	2.2	0.1	0.0	10.4	3	
7	55	-72	0	0	0	-0	-0	23.7	6.2	0.0	0.0	29.9	3	
8	55	-30	-0	0	0	-0	-0	9.8	3.4	0.2	0.0	13.2	3	
9	55	88	-1	-0	0	0	0	29.0	6.6	0.5	0.0	35.6	3	

ASTA NUM. 235 NI 3265 NF 3268 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	-0	0	-0	-0	3.1	2.4	0.3	0.0	5.4	3	
7	0	-30	1	-0	0	-0	-0	9.8	6.4	0.5	0.0	16.3	3	
8	0	-16	0	0	0	-0	-0	5.2	3.4	0.3	0.0	8.6	3	
9	0	36	-0	-0	0	0	0	11.8	6.7	0.1	0.0	18.5	3	
2	27	-9	0	-0	0	-0	-0	3.1	0.7	0.1	0.0	3.7	3	
7	27	-30	0	-0	0	-0	-0	9.8	3.0	0.2	0.0	12.8	3	
8	27	-16	0	0	0	-0	-0	5.2	1.4	0.1	0.0	6.6	3	
9	27	36	-0	-0	0	0	0	11.8	4.3	0.3	0.0	16.1	3	
2	55	-9	-0	-0	0	0	-0	3.1	1.1	0.2	0.0	4.2	3	
7	55	-30	0	-0	0	-0	-0	9.8	1.7	0.0	0.0	11.5	3	
8	55	-16	-0	0	0	-0	-0	5.2	1.6	0.1	0.0	6.7	3	
9	55	36	-1	-0	0	0	0	11.8	0.1	0.6	0.0	11.9	2	

ASTA NUM. 237 NI 3268 NF 3270 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3	
7	0	-8	0	-0	0	-0	-0	2.7	1.2	0.2	0.0	3.9	3	
8	0	-8	0	-0	0	-0	-0	2.8	1.3	0.2	0.0	4.1	3	
9	0	3	-0	0	0	0	0	1.0	0.8	0.2	0.0	1.7	3	

2	5	-4	-0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3
7	5	-8	0	-0	0	-0	-0	2.7	0.9	0.1	0.0	3.6	3
8	5	-8	0	-0	0	-0	-0	2.8	0.9	0.2	0.0	3.7	3
9	5	3	-0	0	0	0	0	1.0	0.4	0.2	0.0	1.3	3
2	10	-4	-0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3
7	10	-8	0	-0	0	-0	-0	2.7	0.7	0.1	0.0	3.3	3
8	10	-8	0	-0	0	0	-0	2.8	0.7	0.1	0.0	3.4	3
9	10	3	-0	0	0	-0	0	1.0	0.0	0.3	0.0	1.1	2

ASTA NUM. 238 NI 3270 NF 3269 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	-0	0	-0	-0	0.6	0.5	0.1	0.0	1.1	3	
7	0	-4	0	0	0	-0	-0	1.3	0.9	0.2	0.0	2.2	3	
8	0	-4	0	0	0	0	-0	1.5	1.1	0.2	0.0	2.6	3	
9	0	0	0	-0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2	
2	14	-2	0	-0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
7	14	-4	0	0	0	-0	-0	1.3	0.3	0.1	0.0	1.6	3	
8	14	-4	0	0	0	-0	-0	1.5	0.4	0.1	0.0	1.9	3	
9	14	0	-0	-0	0	0	0	0.1	0.0	0.0	0.0	0.2	2	
2	27	-2	-0	-0	0	0	-0	0.6	0.3	0.1	0.0	0.9	3	
7	27	-4	-0	0	0	-0	-0	1.3	0.3	0.0	0.0	1.6	3	
8	27	-4	-0	0	0	-0	0	1.5	0.0	0.0	0.0	1.5	2	
9	27	0	-0	-0	0	0	-0	0.1	0.4	0.1	0.0	0.5	3	

ASTA NUM. 442 NI 3269 NF 3443 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.6	0.7	0.3	0.0	1.3	3	
7	0	-2	1	-0	0	-0	-0	0.6	1.3	0.4	0.0	1.9	3	
8	0	-1	1	-0	0	-0	-0	0.2	1.5	0.5	0.0	1.7	3	
9	0	-1	0	0	0	0	0	0.4	0.0	0.2	0.0	0.6	2	
2	14	-2	-0	0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
7	14	-2	0	-0	0	-0	0	0.6	0.0	0.1	0.0	0.6	2	
8	14	-1	0	-0	0	-0	0	0.2	0.0	0.2	0.0	0.4	2	
9	14	-1	-0	0	0	0	0	0.4	0.0	0.1	0.0	0.5	2	
2	27	-2	-0	0	0	0	-0	0.6	0.8	0.3	0.0	1.4	1	
7	27	-2	-0	-0	0	0	0	0.6	0.0	0.2	0.0	0.7	2	
8	27	-1	-0	-0	0	0	0	0.2	0.3	0.1	0.0	0.5	5	
9	27	-1	-1	0	0	0	-0	0.4	1.3	0.4	0.0	1.7	1	

ASTA NUM. 405 NI 1457 NF 3426 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	5	0	0	0	-0	0	1.5	0.0	0.3	0.0	1.6	2	
7	0	-4	0	0	0	0	-0	1.4	1.1	0.3	0.0	2.5	3	
8	0	-12	0	-0	0	0	-0	4.0	2.2	0.4	0.0	6.2	3	
9	0	10	0	0	0	-0	0	3.3	1.2	0.2	0.0	4.5	3	
2	14	5	-0	0	0	-0	0	1.5	0.8	0.0	0.0	2.4	3	
7	14	-4	0	0	0	0	0	1.4	0.0	0.0	0.0	1.4	2	
8	14	-12	0	-0	0	0	-0	4.0	1.1	0.1	0.0	5.1	3	
9	14	10	-0	0	0	-0	0	3.3	1.4	0.1	0.0	4.7	3	
2	27	5	-0	0	0	-0	0	1.5	0.0	0.4	0.0	1.7	2	
7	27	-4	-0	0	0	0	-0	1.4	0.9	0.3	0.0	2.2	3	
8	27	-12	-0	-0	0	0	-0	4.0	1.7	0.3	0.0	5.6	3	
9	27	10	-1	0	0	-0	0	3.3	0.0	0.4	0.0	3.4	2	

ASTA NUM. 250 NI 3426 NF 3402 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-0	0	-0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2	
7	0	-2	0	0	0	0	-0	0.7	0.4	0.1	0.0	1.1	3	
8	0	-4	0	0	0	0	-0	1.4	0.7	0.1	0.0	2.1	3	
9	0	0	0	-0	0	-0	0	0.0	0.0	0.1	0.0	0.1	2	
2	14	-0	-0	-0	0	-0	0	0.1	0.0	0.0	0.0	0.2	2	
7	14	-2	-0	0	0	0	0	0.7	0.0	0.0	0.0	0.7	2	
8	14	-4	0	0	0	0	-0	1.4	0.4	0.0	0.0	1.8	3	
9	14	0	-0	-0	0	-0	0	0.0	0.0	0.1	0.0	0.1	2	
2	27	-0	-0	-0	0	-0	-0	0.1	0.4	0.1	0.0	0.5	3	
7	27	-2	-0	0	0	0	-0	0.7	0.4	0.1	0.0	1.2	3	
8	27	-4	-0	0	0	0	-0	1.4	0.6	0.1	0.0	2.0	3	
9	27	0	-0	-0	0	-0	-0	0.0	0.5	0.2	0.0	0.5	3	

ASTA NUM. 251 NI 3402 NF 3401 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	-0	-0	1.3	0.4	0.0	0.0	1.7	3	
7	0	-3	0	-0	0	0	-0	1.1	0.4	0.1	0.0	1.6	3	
8	0	-2	0	-0	0	0	-0	0.8	0.5	0.1	0.0	1.2	3	
9	0	-3	0	0	0	-0	-0	1.1	0.3	0.0	0.0	1.5	3	
2	5	-4	-0	0	0	-0	-0	1.3	0.4	0.0	0.0	1.7	3	
7	5	-3	0	-0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3	
8	5	-2	0	-0	0	0	0	0.8	0.0	0.1	0.0	0.8	2	
9	5	-3	-0	0	0	-0	-0	1.1	0.4	0.0	0.0	1.5	3	
2	10	-4	-0	0	0	-0	-0	1.3	0.5	0.1	0.0	1.8	3	
7	10	-3	-0	-0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3	
8	10	-2	0	-0	0	0	0	0.8	0.0	0.0	0.0	0.8	2	
9	10	-3	-0	0	0	-0	-0	1.1	0.5	0.1	0.0	1.6	3	

ASTA NUM. 248 NI 3401 NF 3400 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-26	0	0	0	-0	-0	8.5	1.5	0.0	0.0	10.0	3	
7	0	-8	0	-0	0	0	-0	2.5	1.1	0.2	0.0	3.7	3	
8	0	33	1	-0	0	0	-0	10.7	0.6	0.5	0.0	11.3	3	
9	0	-13	0	0	0	-0	-0	4.3	1.3	0.1	0.0	5.6	3	
2	27	-26	-0	0	0	-0	-0	8.5	2.6	0.2	0.0	11.1	3	
7	27	-8	-0	-0	0	0	-0	2.5	0.5	0.0	0.0	3.0	3	
8	27	33	0	-0	0	0	0	10.7	4.1	0.3	0.0	14.8	3	
9	27	-13	-0	0	0	-0	-0	4.3	1.2	0.1	0.0	5.5	3	
2	55	-26	-1	0	0	-0	-0	8.5	5.9	0.4	0.0	14.4	3	
7	55	-8	-0	-0	0	0	-0	2.5	2.0	0.3	0.0	4.5	3	
8	55	33	0	-0	0	0	0	10.7	6.5	0.1	0.0	17.2	3	
9	55	-13	-0	0	0	-0	-0	4.3	3.3	0.3	0.0	7.6	3	

ASTA NUM. 249 NI 3400 NF 3404 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-71	-0	-0	0	-0	-0	23.2	5.8	0.1	0.0	29.0	3	
7	0	-18	0	0	0	0	-0	6.0	2.2	0.2	0.0	8.2	3	
8	0	94	1	0	0	0	0	31.0	6.2	0.6	0.0	37.2	3	
9	0	-37	0	-0	0	-0	-0	12.1	3.0	0.0	0.0	15.1	3	
2	27	-71	-0	-0	0	-0	-0	23.2	7.5	0.3	0.0	30.7	3	
7	27	-18	-0	0	0	-0	-0	6.0	1.7	0.1	0.0	7.7	3	
8	27	94	0	0	0	0	0	31.0	10.8	0.4	0.0	41.8	3	
9	27	-37	-0	-0	0	-0	-0	12.1	3.7	0.2	0.0	15.8	3	
2	55	-71	-1	-0	0	0	-0	23.2	11.3	0.5	0.0	34.5	3	
7	55	-18	-0	0	0	-0	-0	6.0	3.3	0.3	0.0	9.3	3	

8 55 94 0 0 0 -0 0 31.0 13.4 0.2 0.0 44.4 3
 9 55 -37 -1 -0 0 0 -0 12.1 6.8 0.4 0.0 18.9 3

ASTA NUM. 252 NI 3404 NF 3403 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-106	-0	1	0	0	-0	34.7	11.6	0.4	0.0	46.3	3	
7	0	-23	0	-0	0	-0	-0	7.5	2.8	0.2	0.0	10.3	3	
8	0	141	0	-1	0	-0	1	46.3	15.1	0.8	0.0	61.4	3	
9	0	-66	-0	1	0	0	-0	21.8	7.1	0.8	0.0	28.9	3	
2	5	-106	-0	1	0	-0	-0	34.7	12.3	0.4	0.0	47.0	3	
7	5	-23	0	-0	0	0	-0	7.5	2.9	0.2	0.0	10.4	3	
8	5	141	0	-1	0	0	1	46.3	16.8	0.8	0.0	63.1	3	
9	5	-66	-0	1	0	-0	-0	21.8	8.6	0.8	0.0	30.4	3	
2	10	-106	-0	1	0	-0	-0	34.7	13.1	0.4	0.0	47.8	3	
7	10	-23	0	-0	0	0	-0	7.5	3.1	0.2	0.0	10.6	3	
8	10	141	0	-1	0	0	1	46.3	18.6	0.8	0.0	65.0	3	
9	10	-66	-0	1	0	-0	-0	21.8	10.4	0.8	0.0	32.2	3	

ASTA NUM. 241 NI 3403 NF 3507 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-133	-0	-1	0	-0	-0	43.7	14.3	0.6	0.0	58.0	3	
7	0	-27	0	1	0	0	-0	8.7	3.7	0.4	0.0	12.5	3	
8	0	174	1	2	0	0	1	57.2	19.4	1.2	0.0	76.5	3	
9	0	-92	-0	-2	0	-0	-0	30.2	11.2	1.2	0.0	41.4	3	
2	14	-133	-0	-1	0	0	-1	43.7	15.9	0.6	0.0	59.6	3	
7	14	-27	-0	1	0	-0	-0	8.7	4.0	0.4	0.0	12.8	3	
8	14	174	1	2	0	-0	1	57.2	22.5	1.2	0.0	79.6	3	
9	14	-92	-0	-2	0	0	-0	30.2	13.3	1.2	0.0	43.5	3	
2	27	-133	-1	-1	0	0	-1	43.7	20.8	0.6	0.0	64.5	3	
7	27	-27	-0	1	0	-0	-0	8.7	6.5	0.4	0.0	15.2	3	
8	27	174	0	2	0	-0	1	57.2	30.5	1.2	0.0	87.7	3	
9	27	-92	-1	-2	0	0	-0	30.2	21.4	1.2	0.0	51.6	3	

ASTA NUM. 328 NI 3507 NF 3509 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-164	1	2	0	0	-1	54.0	25.4	1.4	0.0	79.3	3	
7	0	-49	-1	-2	0	-0	-0	16.0	3.9	1.3	0.0	19.9	3	
8	0	190	-2	-5	0	-0	1	62.4	39.5	3.4	0.0	101.8	3	
9	0	-99	3	5	0	0	-1	32.7	30.2	3.4	0.0	62.9	3	
2	14	-164	1	2	0	-0	-1	54.0	20.8	1.4	0.0	74.8	3	
7	14	-49	-1	-2	0	0	-0	16.0	8.5	1.3	0.0	24.5	3	
8	14	190	-3	-5	0	0	1	62.4	28.4	3.4	0.0	90.8	3	
9	14	-99	3	5	0	-0	-0	32.7	18.4	3.4	0.0	51.0	3	
2	27	-164	1	2	0	-0	-1	54.0	25.4	1.4	0.0	79.3	3	
7	27	-49	-1	-2	0	0	-0	16.0	20.0	1.3	0.0	36.0	3	
8	27	190	-3	-5	0	1	0	62.4	35.5	3.4	0.0	97.9	3	
9	27	-99	3	5	0	-1	-0	32.7	25.6	3.4	0.0	58.3	3	

ASTA NUM. 329 NI 3509 NF 3508 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-48	1	2	0	0	-0	15.9	20.0	1.3	0.0	35.9	3	
7	0	-164	-1	-2	0	-0	-1	53.9	25.3	1.4	0.0	79.2	3	
8	0	-99	-3	-5	0	-1	-0	32.6	25.7	3.4	0.0	58.3	3	

9	0	190	3	5	0	1	0	62.5	35.6	3.4	0.0	98.1	3
2	14	-48	1	2	0	0	-0	15.9	8.4	1.3	0.0	24.3	3
7	14	-164	-1	-2	0	-0	-1	53.9	20.8	1.4	0.0	74.7	3
8	14	-99	-3	-5	0	-0	-0	32.6	18.4	3.4	0.0	51.0	3
9	14	190	3	5	0	0	1	62.5	28.5	3.4	0.0	90.9	3
2	27	-48	1	2	0	-0	-0	15.9	3.9	1.3	0.0	19.7	3
7	27	-164	-1	-2	0	0	-1	53.9	25.3	1.4	0.0	79.2	3
8	27	-99	-3	-5	0	0	-1	32.6	30.2	3.4	0.0	62.8	3
9	27	190	2	5	0	-0	1	62.5	39.5	3.4	0.0	102.0	3

ASTA NUM. 245 NI 3508 NF 3273 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-26	0	-1	0	-0	-0	8.6	6.4	0.4	0.0	15.1	3			
7	0	-132	1	1	0	0	-1	43.6	20.7	0.6	0.0	64.3	3			
8	0	-92	1	2	0	0	-0	30.1	21.3	1.2	0.0	51.5	3			
9	0	174	-0	-2	0	-0	1	57.2	30.5	1.2	0.0	87.8	3			
2	14	-26	0	-1	0	-0	-0	8.6	4.0	0.4	0.0	12.6	3			
7	14	-132	0	1	0	0	-1	43.6	15.9	0.6	0.0	59.4	3			
8	14	-92	0	2	0	0	-0	30.1	13.2	1.2	0.0	43.4	3			
9	14	174	-1	-2	0	-0	1	57.2	22.5	1.2	0.0	79.7	3			
2	27	-26	-0	-1	0	0	-0	8.6	3.7	0.4	0.0	12.4	3			
7	27	-132	0	1	0	-0	-0	43.6	14.3	0.6	0.0	57.8	3			
8	27	-92	0	2	0	-0	-0	30.1	11.2	1.2	0.0	41.3	3			
9	27	174	-1	-2	0	0	1	57.2	19.4	1.2	0.0	76.6	3			

ASTA NUM. 244 NI 3273 NF 3276 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-22	-0	0	0	0	-0	7.4	3.1	0.2	0.0	10.5	3			
7	0	-105	0	-1	0	-0	-0	34.6	13.0	0.4	0.0	47.6	3			
8	0	-66	0	-1	0	-0	-0	21.7	10.3	0.8	0.0	32.1	3			
9	0	141	-0	1	0	0	1	46.3	18.6	0.8	0.0	65.0	3			
2	5	-22	-0	0	0	0	-0	7.4	2.8	0.2	0.0	10.2	3			
7	5	-105	0	-1	0	-0	-0	34.6	12.2	0.4	0.0	46.8	3			
8	5	-66	0	-1	0	-0	-0	21.7	8.6	0.8	0.0	30.3	3			
9	5	141	-0	1	0	0	1	46.3	16.8	0.8	0.0	63.2	3			
2	10	-22	-0	0	0	-0	-0	7.4	2.8	0.2	0.0	10.2	3			
7	10	-105	-0	-1	0	0	-0	34.6	11.5	0.4	0.0	46.1	3			
8	10	-66	0	-1	0	-0	-0	21.7	7.1	0.8	0.0	28.8	3			
9	10	141	-0	1	0	-0	1	46.3	15.1	0.8	0.0	61.5	3			

ASTA NUM. 247 NI 3276 NF 3275 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-18	0	-0	0	-0	-0	6.0	3.3	0.3	0.0	9.3	3			
7	0	-70	1	0	0	0	-0	23.2	11.3	0.5	0.0	34.5	3			
8	0	-37	1	0	0	0	-0	12.1	6.8	0.4	0.0	18.8	3			
9	0	94	-0	-0	0	-0	0	31.0	13.4	0.2	0.0	44.5	3			
2	27	-18	0	-0	0	-0	-0	6.0	1.6	0.1	0.0	7.6	3			
7	27	-70	0	0	0	-0	-0	23.2	7.4	0.3	0.0	30.6	3			
8	27	-37	0	0	0	-0	-0	12.1	3.7	0.2	0.0	15.8	3			
9	27	94	-0	-0	0	0	0	31.0	10.8	0.4	0.0	41.8	3			
2	55	-18	-0	-0	0	0	-0	6.0	2.2	0.2	0.0	8.2	3			
7	55	-70	0	0	0	-0	-0	23.2	5.8	0.1	0.0	29.0	3			
8	55	-37	-0	0	0	-0	-0	12.1	3.0	0.0	0.0	15.1	3			
9	55	94	-1	-0	0	0	0	31.0	6.2	0.6	0.0	37.2	3			

ASTA NUM. 246 NI 3275 NF 3274 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	0	0	0	0	-0	2.5	2.0	0.3	0.0	4.5	3	
7	0	-26	1	-0	0	-0	-0	8.5	5.8	0.4	0.0	14.3	3	
8	0	-13	0	-0	0	-0	-0	4.3	3.3	0.3	0.0	7.6	3	
9	0	33	-0	0	0	0	0	10.7	6.5	0.1	0.0	17.2	3	
2	27	-8	0	0	0	0	-0	2.5	0.5	0.0	0.0	3.0	3	
7	27	-26	0	-0	0	-0	-0	8.5	2.6	0.2	0.0	11.0	3	
8	27	-13	0	-0	0	-0	-0	4.3	1.2	0.1	0.0	5.5	3	
9	27	33	-0	0	0	0	0	10.7	4.1	0.3	0.0	14.8	3	
2	55	-8	-0	0	0	0	-0	2.5	1.1	0.2	0.0	3.6	3	
7	55	-26	-0	-0	0	-0	-0	8.5	1.5	0.0	0.0	9.9	3	
8	55	-13	-0	-0	0	-0	-0	4.3	1.3	0.1	0.0	5.6	3	
9	55	33	-1	0	0	0	-0	10.7	0.6	0.5	0.0	11.3	3	

ASTA NUM. 243 NI 3274 NF 3272 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3	
7	0	-4	0	-0	0	-0	-0	1.3	0.5	0.1	0.0	1.8	3	
8	0	-3	0	-0	0	-0	-0	1.1	0.5	0.1	0.0	1.6	3	
9	0	-2	-0	0	0	0	0	0.8	0.0	0.0	0.0	0.8	2	
2	5	-3	-0	0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3	
7	5	-4	0	-0	0	-0	-0	1.3	0.4	0.0	0.0	1.7	3	
8	5	-3	0	-0	0	-0	-0	1.1	0.4	0.0	0.0	1.5	3	
9	5	-2	-0	0	0	0	0	0.8	0.0	0.1	0.0	0.8	2	
2	10	-3	-0	0	0	0	-0	1.1	0.4	0.1	0.0	1.5	3	
7	10	-4	-0	-0	0	-0	-0	1.3	0.4	0.0	0.0	1.6	3	
8	10	-3	-0	-0	0	-0	-0	1.1	0.3	0.0	0.0	1.5	3	
9	10	-2	-0	0	0	0	-0	0.8	0.5	0.1	0.0	1.2	3	

ASTA NUM. 242 NI 3272 NF 3271 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	-0	0	0	-0	0.7	0.4	0.1	0.0	1.2	3	
7	0	-0	0	0	0	-0	-0	0.1	0.4	0.1	0.0	0.5	3	
8	0	0	0	0	0	-0	-0	0.0	0.4	0.2	0.0	0.5	3	
9	0	-4	0	-0	0	0	-0	1.4	0.6	0.1	0.0	2.0	3	
2	14	-2	0	-0	0	0	0	0.7	0.0	0.0	0.0	0.7	2	
7	14	-0	0	0	0	-0	0	0.1	0.0	0.0	0.0	0.2	2	
8	14	0	0	0	0	-0	0	0.0	0.0	0.1	0.0	0.1	2	
9	14	-4	-0	-0	0	0	-0	1.4	0.4	0.0	0.0	1.8	3	
2	27	-2	-0	-0	0	0	-0	0.7	0.4	0.1	0.0	1.1	3	
7	27	-0	-0	0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2	
8	27	0	-0	0	0	-0	0	0.0	0.1	0.1	0.0	0.1	2	
9	27	-4	-0	-0	0	0	-0	1.4	0.7	0.1	0.0	2.1	3	

ASTA NUM. 437 NI 3271 NF 3449 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	0	-0	1.4	0.9	0.3	0.0	2.2	3	
7	0	5	0	-0	0	-0	0	1.5	0.0	0.4	0.0	1.7	2	
8	0	10	1	-0	0	-0	0	3.3	0.1	0.4	0.0	3.4	2	
9	0	-12	0	0	0	0	-0	4.0	1.7	0.3	0.0	5.6	3	
2	14	-4	-0	0	0	0	0	1.4	0.0	0.0	0.0	1.4	2	
7	14	5	0	-0	0	-0	0	1.5	0.8	0.0	0.0	2.3	3	
8	14	10	0	-0	0	-0	0	3.3	1.4	0.1	0.0	4.7	3	
9	14	-12	-0	0	0	0	-0	4.0	1.1	0.1	0.0	5.1	3	
2	27	-4	-0	0	0	0	-0	1.4	1.1	0.3	0.0	2.5	1	

7	27	5	-0	-0	0	0	0	1.5	0.0	0.3	0.0	1.6	2
8	27	10	-0	-0	0	0	0	3.3	1.2	0.2	0.0	4.4	1
9	27	-12	-0	0	0	0	-0	4.0	2.2	0.4	0.0	6.1	1

ASTA NUM. 404 NI 1456 NF 3424 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	1	0	0	0	-0	0	0.3	0.4	0.2	0.0	0.7	3		
7	0	-4	0	0	0	0	-0	1.3	1.3	0.4	0.0	2.6	3		
8	0	-7	1	-0	0	0	-0	2.3	2.5	0.5	0.0	4.9	3		
9	0	5	0	0	0	-0	0	1.7	1.6	0.0	0.0	3.3	3		
2	14	1	-0	0	0	-0	0	0.3	0.4	0.2	0.0	0.7	3		
7	14	-4	0	0	0	0	0	1.3	0.0	0.1	0.0	1.3	2		
8	14	-7	0	-0	0	0	-0	2.3	0.6	0.2	0.0	2.9	3		
9	14	5	-0	0	0	-0	0	1.7	0.9	0.3	0.0	2.6	3		
2	27	1	-1	0	0	-0	-0	0.3	1.2	0.5	0.0	1.6	3		
7	27	-4	-0	0	0	-0	-0	1.3	0.7	0.3	0.0	2.0	3		
8	27	-7	-0	-0	0	0	0	2.3	0.0	0.1	0.0	2.4	2		
9	27	5	-1	0	0	-0	-0	1.7	1.4	0.6	0.0	3.1	3		

ASTA NUM. 255 NI 3424 NF 3405 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-4	0	-0	0	-0	0	1.3	0.0	0.0	0.0	1.3	2		
7	0	-2	0	-0	0	-0	-0	0.6	0.4	0.1	0.0	1.0	3		
8	0	1	0	0	0	0	-0	0.2	0.6	0.2	0.0	0.8	3		
9	0	-5	-0	-0	0	-0	0	1.5	0.0	0.0	0.0	1.6	2		
2	14	-4	-0	-0	0	-0	-0	1.3	0.3	0.1	0.0	1.6	3		
7	14	-2	0	-0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2		
8	14	1	0	0	0	0	0	0.2	0.0	0.1	0.0	0.2	2		
9	14	-5	-0	-0	0	-0	-0	1.5	0.4	0.1	0.0	2.0	3		
2	27	-4	-0	-0	0	-0	-0	1.3	1.0	0.2	0.0	2.3	3		
7	27	-2	-0	-0	0	-0	-0	0.6	0.4	0.1	0.0	0.9	3		
8	27	1	-0	0	0	0	0	0.2	0.3	0.0	0.0	0.5	3		
9	27	-5	-0	-0	0	-0	-0	1.5	1.3	0.2	0.0	2.9	3		

ASTA NUM. 254 NI 3405 NF 3408 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-9	-0	0	0	-0	-0	2.9	0.7	0.1	0.0	3.6	3		
7	0	-3	0	-0	0	-0	-0	0.9	0.4	0.1	0.0	1.4	3		
8	0	5	0	-0	0	0	0	1.6	0.0	0.3	0.0	1.7	2		
9	0	-10	-0	0	0	-0	-0	3.4	0.7	0.2	0.0	4.1	3		
2	5	-9	-0	0	0	-0	-0	2.9	1.0	0.2	0.0	3.9	3		
7	5	-3	0	-0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3		
8	5	5	0	-0	0	0	0	1.6	0.6	0.3	0.0	2.1	3		
9	5	-10	-0	0	0	-0	-0	3.4	1.2	0.2	0.0	4.6	3		
2	10	-9	-0	0	0	-0	-0	2.9	1.4	0.2	0.0	4.3	3		
7	10	-3	-0	-0	0	0	0	0.9	0.0	0.0	0.0	0.9	2		
8	10	5	0	-0	0	0	0	1.6	1.1	0.3	0.0	2.7	3		
9	10	-10	-0	0	0	-0	-0	3.4	1.7	0.3	0.0	5.1	3		

ASTA NUM. 257 NI 3408 NF 3407 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-32	-0	0	0	-0	-0	10.5	1.7	0.0	0.0	12.2	3		
7	0	-7	0	0	0	0	-0	2.4	1.1	0.2	0.0	3.5	3		

8	0	40	1	0	0	0	0	13.3	0.1	0.6	0.0	13.4	2
9	0	-21	0	-0	0	-0	-0	6.8	1.7	0.1	0.0	8.5	3
2	27	-32	-0	0	0	-0	-0	10.5	3.2	0.3	0.0	13.6	3
7	27	-7	-0	0	0	0	-0	2.4	0.4	0.0	0.0	2.9	3
8	27	40	1	0	0	0	0	13.3	4.9	0.4	0.0	18.2	3
9	27	-21	-0	-0	0	-0	-0	6.8	2.0	0.1	0.0	8.8	3
2	55	-32	-1	0	0	-0	-0	10.5	6.8	0.5	0.0	17.3	3
7	55	-7	-0	0	0	-0	-0	2.4	2.0	0.3	0.0	4.5	3
8	55	40	0	0	0	0	0	13.3	7.6	0.2	0.0	20.9	3
9	55	-21	-0	-0	0	-0	-0	6.8	4.4	0.3	0.0	11.2	3

ASTA NUM. 256 NI 3407 NF 3406 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-76	-0	-0	0	-0	-0	24.9	6.6	0.0	0.0	31.5	3	
7	0	-21	0	0	0	-0	-0	6.9	1.9	0.1	0.0	8.8	3	
8	0	97	1	0	0	0	0	32.0	7.4	0.5	0.0	39.4	3	
9	0	-40	0	-0	0	-0	-0	13.0	4.3	0.1	0.0	17.3	3	
2	27	-76	-0	-0	0	-0	-0	24.9	8.0	0.3	0.0	32.9	3	
7	27	-21	-0	0	0	-0	-0	6.9	2.0	0.1	0.0	8.9	3	
8	27	97	0	0	0	-0	0	32.0	11.1	0.3	0.0	43.1	3	
9	27	-40	-0	-0	0	0	-0	13.0	4.0	0.1	0.0	17.0	3	
2	55	-76	-1	-0	0	0	-0	24.9	11.6	0.5	0.0	36.6	3	
7	55	-21	-0	0	0	-0	-0	6.9	4.2	0.3	0.0	11.2	3	
8	55	97	0	0	0	-0	0	32.0	12.7	0.0	0.0	44.7	3	
9	55	-40	-0	-0	0	0	-0	13.0	6.0	0.3	0.0	19.0	3	

ASTA NUM. 253 NI 3406 NF 3409 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-98	-0	0	0	0	-0	32.2	10.2	0.3	0.0	42.5	3	
7	0	-37	-0	-0	0	-0	-0	12.3	3.9	0.1	0.0	16.2	3	
8	0	113	0	-0	0	-0	0	37.2	12.0	0.3	0.0	49.2	3	
9	0	-38	-0	0	0	0	-0	12.6	4.0	0.1	0.0	16.6	3	
2	5	-98	-0	0	0	-0	-0	32.2	10.8	0.3	0.0	43.0	3	
7	5	-37	-0	-0	0	-0	-0	12.3	4.1	0.2	0.0	16.4	3	
8	5	113	0	-0	0	0	0	37.2	12.4	0.2	0.0	49.6	3	
9	5	-38	-0	0	0	-0	-0	12.6	4.2	0.2	0.0	16.8	3	
2	10	-98	-0	0	0	-0	-0	32.2	11.4	0.4	0.0	43.7	3	
7	10	-37	-0	-0	0	-0	-0	12.3	4.4	0.2	0.0	16.7	3	
8	10	113	0	-0	0	0	0	37.2	12.9	0.2	0.0	50.1	3	
9	10	-38	-0	0	0	-0	-0	12.6	4.6	0.2	0.0	17.2	3	

ASTA NUM. 263 NI 3409 NF 3489 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-105	0	-0	0	-0	-0	34.6	11.4	0.1	0.0	46.0	3	
7	0	-50	-0	0	0	-0	-0	16.6	4.3	0.2	0.0	20.9	3	
8	0	109	-0	0	0	0	0	36.0	12.9	0.2	0.0	48.9	3	
9	0	-28	1	-0	0	-0	-0	9.1	4.8	0.4	0.0	13.9	3	
2	14	-105	-0	-0	0	0	-0	34.6	11.9	0.1	0.0	46.4	3	
7	14	-50	-0	0	0	-0	-0	16.6	5.7	0.3	0.0	22.3	3	
8	14	109	-0	0	0	-0	0	36.0	12.9	0.2	0.0	48.9	3	
9	14	-28	0	-0	0	0	-0	9.1	3.7	0.3	0.0	12.8	3	
2	27	-105	-0	-0	0	0	-0	34.6	13.0	0.2	0.0	47.6	3	
7	27	-50	-1	0	0	-0	-0	16.6	7.6	0.4	0.0	24.2	3	
8	27	109	-0	0	0	-0	0	36.0	12.5	0.3	0.0	48.5	3	
9	27	-28	0	-0	0	0	-0	9.1	3.4	0.2	0.0	12.5	3	

ASTA NUM. 264 NI 3489 NF 3488 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-103	0	0	0	0	-0	33.8	13.2	0.3	0.0	47.0	3	
7	0	-75	-0	-0	0	-0	-0	24.5	7.0	0.3	0.0	31.6	3	
8	0	79	-1	-1	0	-0	0	26.1	13.5	0.7	0.0	39.6	3	
9	0	9	1	1	0	0	-0	3.1	4.4	0.8	0.0	7.4	3	
2	14	-103	0	0	0	-0	-0	33.8	12.0	0.3	0.0	45.7	3	
7	14	-75	-0	-0	0	0	-0	24.5	8.9	0.4	0.0	33.5	3	
8	14	79	-1	-1	0	0	0	26.1	10.8	0.7	0.0	36.9	3	
9	14	9	1	1	0	-0	0	3.1	3.1	0.7	0.0	6.1	3	
2	27	-103	0	0	0	-0	-0	33.8	13.0	0.3	0.0	46.7	3	
7	27	-75	-1	-0	0	0	-0	24.5	12.3	0.5	0.0	36.8	3	
8	27	79	-1	-1	0	0	0	26.1	10.9	0.7	0.0	37.1	3	
9	27	9	1	1	0	-0	0	3.1	9.9	0.7	0.0	13.0	3	

ASTA NUM. 310 NI 3488 NF 1541 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-75	1	0	0	0	-0	24.5	12.3	0.5	0.0	36.8	3	
7	0	-103	-0	-0	0	-0	-0	33.8	13.0	0.3	0.0	46.8	3	
8	0	9	-1	-1	0	-0	0	3.1	9.9	0.7	0.0	13.0	3	
9	0	80	1	1	0	0	0	26.2	10.9	0.8	0.0	37.1	3	
2	14	-75	0	0	0	0	-0	24.5	8.9	0.4	0.0	33.5	3	
7	14	-103	-0	-0	0	-0	-0	33.8	12.0	0.3	0.0	45.7	3	
8	14	9	-1	-1	0	-0	0	3.1	3.1	0.7	0.0	6.1	3	
9	14	80	1	1	0	0	0	26.2	10.8	0.7	0.0	36.9	3	
2	27	-75	0	0	0	-0	-0	24.5	7.0	0.3	0.0	31.6	3	
7	27	-103	-0	-0	0	0	-0	33.8	13.2	0.3	0.0	47.0	3	
8	27	9	-1	-1	0	0	-0	3.1	4.4	0.8	0.0	7.4	3	
9	27	80	1	1	0	-0	0	26.2	13.5	0.7	0.0	39.7	3	

ASTA NUM. 311 NI 1541 NF 3279 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-50	1	-0	0	-0	-0	16.5	7.6	0.4	0.0	24.1	3	
7	0	-105	0	0	0	0	-0	34.5	13.1	0.2	0.0	47.6	3	
8	0	-28	-0	0	0	0	-0	9.1	3.4	0.2	0.0	12.5	3	
9	0	110	0	-0	0	-0	0	36.0	12.5	0.3	0.0	48.5	3	
2	14	-50	0	-0	0	-0	-0	16.5	5.7	0.3	0.0	22.2	3	
7	14	-105	0	0	0	0	-0	34.5	11.9	0.1	0.0	46.4	3	
8	14	-28	-0	0	0	0	-0	9.1	3.7	0.3	0.0	12.8	3	
9	14	110	0	-0	0	-0	0	36.0	12.9	0.2	0.0	48.9	3	
2	27	-50	0	-0	0	-0	-0	16.5	4.3	0.2	0.0	20.8	3	
7	27	-105	-0	0	0	-0	-0	34.5	11.4	0.1	0.0	45.9	3	
8	27	-28	-1	0	0	-0	-0	9.1	4.8	0.4	0.0	13.9	3	
9	27	110	0	-0	0	0	0	36.0	13.0	0.2	0.0	49.0	3	

ASTA NUM. 260 NI 3279 NF 3278 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-37	0	0	0	-0	-0	12.3	4.4	0.2	0.0	16.7	3	
7	0	-98	0	-0	0	-0	-0	32.2	11.4	0.4	0.0	43.6	3	
8	0	-38	0	-0	0	-0	-0	12.6	4.6	0.2	0.0	17.2	3	
9	0	113	-0	0	0	0	0	37.2	12.9	0.2	0.0	50.2	3	
2	5	-37	0	0	0	-0	-0	12.3	4.1	0.2	0.0	16.4	3	
7	5	-98	0	-0	0	-0	-0	32.2	10.7	0.3	0.0	42.9	3	
8	5	-38	0	-0	0	-0	-0	12.6	4.2	0.2	0.0	16.8	3	
9	5	113	-0	0	0	0	0	37.2	12.4	0.2	0.0	49.7	3	

2	10	-37	0	0	0	-0	-0	12.3	3.8	0.1	0.0	16.1	3
7	10	-98	0	-0	0	0	0	32.2	10.2	0.3	0.0	42.4	3
8	10	-38	0	-0	0	0	-0	12.6	4.0	0.1	0.0	16.6	3
9	10	113	-0	0	0	-0	0	37.2	12.0	0.3	0.0	49.3	3

ASTA NUM. 258 NI 3278 NF 3277 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-21	0	-0	0	-0	-0	6.9	4.2	0.3	0.0	11.1	3	
7	0	-76	1	0	0	0	-0	24.9	11.6	0.5	0.0	36.5	3	
8	0	-39	0	0	0	0	-0	13.0	6.0	0.3	0.0	19.0	3	
9	0	97	-0	-0	0	-0	0	32.0	12.7	0.0	0.0	44.7	3	
2	27	-21	0	-0	0	-0	-0	6.9	2.0	0.1	0.0	8.8	3	
7	27	-76	0	0	0	-0	-0	24.9	7.9	0.3	0.0	32.8	3	
8	27	-39	0	0	0	0	-0	13.0	4.0	0.1	0.0	17.0	3	
9	27	97	-0	-0	0	-0	0	32.0	11.1	0.3	0.0	43.1	3	
2	55	-21	-0	-0	0	-0	-0	6.9	1.9	0.1	0.0	8.8	3	
7	55	-76	0	0	0	-0	-0	24.9	6.5	0.0	0.0	31.4	3	
8	55	-39	-0	0	0	-0	-0	13.0	4.3	0.1	0.0	17.2	3	
9	55	97	-1	-0	0	0	0	32.0	7.4	0.5	0.0	39.4	3	

ASTA NUM. 259 NI 3277 NF 3280 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	-0	0	-0	-0	2.4	2.0	0.3	0.0	4.4	3	
7	0	-32	1	-0	0	-0	-0	10.4	6.8	0.5	0.0	17.2	3	
8	0	-21	0	0	0	-0	-0	6.8	4.4	0.3	0.0	11.2	3	
9	0	40	-0	-0	0	0	0	13.3	7.6	0.2	0.0	20.9	3	
2	27	-7	0	-0	0	0	-0	2.4	0.4	0.0	0.0	2.8	3	
7	27	-32	0	-0	0	-0	-0	10.4	3.2	0.3	0.0	13.6	3	
8	27	-21	0	0	0	-0	-0	6.8	2.0	0.1	0.0	8.8	3	
9	27	40	-1	-0	0	0	0	13.3	4.9	0.4	0.0	18.2	3	
2	55	-7	-0	-0	0	0	-0	2.4	1.1	0.2	0.0	3.5	3	
7	55	-32	0	-0	0	-0	-0	10.4	1.7	0.0	0.0	12.2	3	
8	55	-21	-0	0	0	-0	-0	6.8	1.7	0.1	0.0	8.5	3	
9	55	40	-1	-0	0	0	0	13.3	0.1	0.6	0.0	13.4	2	

ASTA NUM. 261 NI 3280 NF 3282 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	-0	0	0	0	0	0.9	0.0	0.0	0.0	0.9	2	
7	0	-9	0	-0	0	-0	-0	2.9	1.4	0.2	0.0	4.3	3	
8	0	-10	0	-0	0	-0	-0	3.4	1.7	0.3	0.0	5.1	3	
9	0	5	-0	0	0	0	0	1.6	1.1	0.3	0.0	2.7	3	
2	5	-3	-0	0	0	0	-0	0.9	0.3	0.0	0.0	1.2	3	
7	5	-9	0	-0	0	-0	-0	2.9	1.0	0.2	0.0	3.9	3	
8	5	-10	0	-0	0	-0	-0	3.4	1.2	0.2	0.0	4.6	3	
9	5	5	-0	0	0	0	0	1.6	0.6	0.3	0.0	2.2	3	
2	10	-3	-0	0	0	-0	-0	0.9	0.4	0.1	0.0	1.3	3	
7	10	-9	0	-0	0	-0	-0	2.9	0.7	0.1	0.0	3.6	3	
8	10	-10	0	-0	0	0	-0	3.4	0.7	0.2	0.0	4.1	3	
9	10	5	-0	0	0	-0	0	1.6	0.0	0.3	0.0	1.7	2	

ASTA NUM. 262 NI 3282 NF 3281 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	-0	-0	0.6	0.3	0.1	0.0	0.9	3	

7	0	-4	0	0	0	-0	-0	1.2	1.0	0.2	0.0	2.2	3
8	0	-5	0	0	0	0	-0	1.5	1.3	0.2	0.0	2.9	3
9	0	1	0	-0	0	-0	0	0.2	0.3	0.0	0.0	0.5	3
2	14	-2	-0	0	0	-0	0	0.6	0.0	0.0	0.0	0.6	2
7	14	-4	0	0	0	-0	-0	1.2	0.3	0.1	0.0	1.6	3
8	14	-5	0	0	0	-0	-0	1.5	0.4	0.1	0.0	2.0	3
9	14	1	-0	-0	0	0	0	0.2	0.0	0.1	0.0	0.2	2
2	27	-2	-0	0	0	-0	-0	0.6	0.4	0.1	0.0	1.0	3
7	27	-4	-0	0	0	-0	0	1.2	0.0	0.0	0.0	1.3	2
8	27	-5	0	0	0	-0	0	1.5	0.0	0.0	0.0	1.6	2
9	27	1	-0	-0	0	0	-0	0.2	0.6	0.2	0.0	0.8	3

ASTA NUM. 438 NI 3281 NF 3451 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	-0	-0	1.3	0.7	0.3	0.0	2.0	3	
7	0	1	1	-0	0	-0	-0	0.3	1.2	0.5	0.0	1.5	3	
8	0	5	1	-0	0	-0	-0	1.7	1.4	0.6	0.0	3.1	3	
9	0	-7	0	0	0	0	0	2.3	0.0	0.1	0.0	2.4	2	
2	14	-4	-0	-0	0	-0	0	1.3	0.0	0.1	0.0	1.3	2	
7	14	1	0	-0	0	-0	0	0.3	0.4	0.2	0.0	0.7	3	
8	14	5	0	-0	0	-0	0	1.7	0.9	0.3	0.0	2.6	3	
9	14	-7	-0	0	0	0	-0	2.3	0.6	0.2	0.0	2.9	3	
2	27	-4	-0	-0	0	-0	-0	1.3	1.3	0.4	0.0	2.6	1	
7	27	1	-0	-0	0	0	0	0.3	0.4	0.2	0.0	0.7	1	
8	27	5	-0	-0	0	0	0	1.7	1.5	0.0	0.0	3.2	1	
9	27	-7	-1	0	0	0	-0	2.3	2.5	0.6	0.0	4.9	1	

ASTA NUM. 397 NI 1463 NF 3422 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	-0	0	0	-0	0.8	0.4	0.2	0.0	1.2	1	
7	0	-1	0	0	0	0	-0	0.5	0.6	0.3	0.0	1.1	5	
8	0	1	1	0	0	-0	-0	0.4	0.8	0.4	0.0	1.1	5	
9	0	-2	0	-0	0	0	0	0.5	0.0	0.2	0.0	0.6	2	
2	14	-2	-0	-0	0	0	0	0.8	0.0	0.1	0.0	0.8	2	
7	14	-1	-0	0	0	-0	0	0.5	0.0	0.0	0.0	0.5	2	
8	14	1	0	0	0	-0	0	0.4	0.4	0.1	0.0	0.8	3	
9	14	-2	-0	-0	0	0	0	0.5	0.0	0.1	0.0	0.6	2	
2	27	-2	-1	-0	0	0	-0	0.8	1.3	0.4	0.0	2.1	3	
7	27	-1	-0	0	0	-0	-0	0.5	0.7	0.3	0.0	1.2	3	
8	27	1	-0	0	0	-0	0	0.4	0.1	0.2	0.0	0.6	2	
9	27	-2	-1	-0	0	0	-0	0.5	1.4	0.4	0.0	1.9	3	

ASTA NUM. 274 NI 3422 NF 3412 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	0	-0	1.2	0.4	0.1	0.0	1.6	3	
7	0	-2	0	-0	0	-0	-0	0.7	0.3	0.1	0.0	1.0	3	
8	0	0	0	-0	0	-0	0	0.1	0.1	0.1	0.0	0.3	2	
9	0	-4	0	0	0	0	-0	1.3	0.3	0.0	0.0	1.6	3	
2	14	-4	-0	0	0	0	-0	1.2	0.3	0.1	0.0	1.6	3	
7	14	-2	-0	-0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	
8	14	0	0	-0	0	-0	0	0.1	0.0	0.0	0.0	0.1	2	
9	14	-4	-0	0	0	0	-0	1.3	0.4	0.1	0.0	1.6	3	
2	27	-4	-0	0	0	0	-0	1.2	0.9	0.2	0.0	2.1	3	
7	27	-2	-0	-0	0	0	-0	0.7	0.5	0.1	0.0	1.2	3	
8	27	0	-0	-0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2	
9	27	-4	-0	0	0	-0	-0	1.3	0.9	0.2	0.0	2.2	3	

ASTA NUM. 275 NI 3412 NF 3411 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.

qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	-0	-0	0	0	-0	2.6	0.6	0.1	0.0	3.2	3	
7	0	-4	0	0	0	0	-0	1.3	0.5	0.0	0.0	1.8	3	
8	0	2	0	0	0	-0	0	0.7	0.0	0.2	0.0	0.8	2	
9	0	-7	-0	-0	0	-0	-0	2.4	0.6	0.1	0.0	3.0	3	
2	5	-8	-0	-0	0	0	-0	2.6	0.9	0.1	0.0	3.4	3	
7	5	-4	-0	0	0	-0	-0	1.3	0.4	0.0	0.0	1.8	3	
8	5	2	0	0	0	-0	0	0.7	0.0	0.2	0.0	0.8	2	
9	5	-7	-0	-0	0	0	-0	2.4	0.8	0.1	0.0	3.2	3	
2	10	-8	-0	-0	0	0	-0	2.6	1.2	0.2	0.0	3.7	3	
7	10	-4	-0	0	0	-0	-0	1.3	0.5	0.0	0.0	1.8	3	
8	10	2	0	0	0	-0	0	0.7	0.6	0.1	0.0	1.3	3	
9	10	-7	-0	-0	0	0	-0	2.4	1.1	0.2	0.0	3.5	3	

ASTA NUM. 272 NI 3411 NF 3410 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-29	-0	-0	0	0	-0	9.6	1.6	0.0	0.0	11.2	3	
7	0	-10	0	-0	0	-0	-0	3.3	1.2	0.1	0.0	4.5	3	
8	0	34	1	-0	0	-0	-0	11.2	0.4	0.5	0.0	11.6	3	
9	0	-14	0	0	0	0	-0	4.5	1.4	0.1	0.0	6.0	3	
2	27	-29	-0	-0	0	0	-0	9.6	2.9	0.2	0.0	12.5	3	
7	27	-10	-0	-0	0	0	-0	3.3	0.8	0.1	0.0	4.1	3	
8	27	34	0	-0	0	-0	0	11.2	4.1	0.3	0.0	15.3	3	
9	27	-14	-0	0	0	0	-0	4.5	1.2	0.1	0.0	5.7	3	
2	55	-29	-1	-0	0	0	-0	9.6	6.3	0.4	0.0	15.9	3	
7	55	-10	-0	-0	0	0	-0	3.3	2.5	0.3	0.0	5.8	3	
8	55	34	0	-0	0	-0	0	11.2	6.4	0.1	0.0	17.6	3	
9	55	-14	-0	0	0	0	-0	4.5	3.1	0.3	0.0	7.7	3	

ASTA NUM. 273 NI 3410 NF 3414 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-71	-0	0	0	0	-0	23.3	6.1	0.0	0.0	29.4	3	
7	0	-26	0	-0	0	0	-0	8.6	2.4	0.1	0.0	11.0	3	
8	0	85	1	-0	0	-0	0	28.0	6.3	0.4	0.0	34.3	3	
9	0	-27	0	0	0	0	-0	8.8	3.1	0.2	0.0	11.9	3	
2	27	-71	-0	0	0	-0	-0	23.3	7.4	0.2	0.0	30.7	3	
7	27	-26	-0	-0	0	0	-0	8.6	2.5	0.1	0.0	11.2	3	
8	27	85	0	-0	0	0	0	28.0	9.8	0.2	0.0	37.8	3	
9	27	-27	-0	0	0	-0	-0	8.8	2.6	0.1	0.0	11.4	3	
2	55	-71	-1	0	0	-0	-0	23.3	11.0	0.5	0.0	34.3	3	
7	55	-26	-0	-0	0	0	-0	8.6	4.9	0.3	0.0	13.5	3	
8	55	85	0	-0	0	0	0	28.0	11.1	0.0	0.0	39.1	3	
9	55	-27	-0	0	0	-0	-0	8.8	4.3	0.3	0.0	13.1	3	

ASTA NUM. 276 NI 3414 NF 3413 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-93	-0	-0	0	-0	-0	30.6	9.8	0.2	0.0	40.4	3	
7	0	-43	-0	-0	0	0	-0	14.1	4.4	0.2	0.0	18.5	3	
8	0	101	0	0	0	0	0	33.2	10.9	0.2	0.0	44.1	3	
9	0	-25	-0	-0	0	-0	-0	8.2	2.8	0.0	0.0	11.0	3	
2	5	-93	-0	-0	0	-0	-0	30.6	10.2	0.3	0.0	40.8	3	
7	5	-43	-0	-0	0	0	-0	14.1	4.8	0.2	0.0	18.8	3	
8	5	101	0	0	0	0	0	33.2	11.2	0.2	0.0	44.4	3	
9	5	-25	-0	-0	0	-0	-0	8.2	2.8	0.1	0.0	11.0	3	

2	10	-93	-0	-0	0	0	-0	30.6	10.8	0.3	0.0	41.4	3
7	10	-43	-0	-0	0	0	-0	14.1	5.2	0.2	0.0	19.2	3
8	10	101	0	0	0	0	0	33.2	11.4	0.1	0.0	44.6	3
9	10	-25	-0	-0	0	-0	-0	8.2	3.0	0.1	0.0	11.2	3

ASTA NUM. 265 NI 3413 NF 3516 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-101	0	0	0	0	-0	33.2	10.8	0.1	0.0	44.0	3		
7	0	-55	-0	-0	0	0	-0	18.1	5.0	0.2	0.0	23.1	3		
8	0	99	-0	-0	0	0	0	32.5	11.6	0.1	0.0	44.2	3		
9	0	-16	1	0	0	-0	-0	5.2	3.4	0.4	0.0	8.5	3		
2	14	-101	-0	0	0	0	-0	33.2	11.3	0.1	0.0	44.6	3		
7	14	-55	-0	-0	0	0	-0	18.1	6.1	0.3	0.0	24.3	3		
8	14	99	-0	-0	0	0	0	32.5	11.6	0.2	0.0	44.1	3		
9	14	-16	0	0	0	-0	-0	5.2	2.2	0.3	0.0	7.4	3		
2	27	-101	-0	0	0	-0	-0	33.2	12.4	0.2	0.0	45.7	3		
7	27	-55	-1	-0	0	0	-0	18.1	7.9	0.4	0.0	26.0	3		
8	27	99	-0	-0	0	0	0	32.5	11.0	0.3	0.0	43.5	3		
9	27	-16	0	0	0	-0	-0	5.2	1.7	0.2	0.0	6.9	3		

ASTA NUM. 334 NI 3516 NF 3518 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-101	0	-0	0	-0	-0	33.2	12.6	0.2	0.0	45.8	3		
7	0	-77	-0	0	0	0	-0	25.3	7.3	0.2	0.0	32.6	3		
8	0	75	-1	1	0	0	0	24.7	12.0	0.4	0.0	36.7	3		
9	0	15	1	-1	0	-0	-0	5.1	2.6	0.7	0.0	7.7	3		
2	14	-101	0	-0	0	0	-0	33.2	11.4	0.2	0.0	44.6	3		
7	14	-77	-0	0	0	-0	-0	25.3	8.8	0.3	0.0	34.1	3		
8	14	75	-1	1	0	-0	0	24.7	9.3	0.5	0.0	34.0	3		
9	14	15	1	-1	0	0	0	5.1	2.7	0.6	0.0	7.8	3		
2	27	-101	0	-0	0	0	-0	33.2	11.9	0.2	0.0	45.1	3		
7	27	-77	-1	0	0	-0	-0	25.3	11.3	0.4	0.0	36.7	3		
8	27	75	-1	1	0	-0	0	24.7	8.4	0.6	0.0	33.1	3		
9	27	15	1	-1	0	0	0	5.1	7.5	0.5	0.0	12.6	3		

ASTA NUM. 335 NI 3518 NF 3517 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-77	1	-0	0	-0	-0	25.4	11.3	0.4	0.0	36.7	3		
7	0	-101	-0	0	0	0	-0	33.2	12.0	0.2	0.0	45.2	3		
8	0	15	-1	1	0	0	0	5.1	7.5	0.5	0.0	12.6	3		
9	0	75	1	-1	0	-0	0	24.7	8.4	0.7	0.0	33.1	3		
2	14	-77	0	-0	0	-0	-0	25.4	8.8	0.3	0.0	34.2	3		
7	14	-101	-0	0	0	0	-0	33.2	11.4	0.2	0.0	44.6	3		
8	14	15	-1	1	0	0	0	5.1	2.7	0.6	0.0	7.8	3		
9	14	75	1	-1	0	-0	0	24.7	9.3	0.5	0.0	34.1	3		
2	27	-77	0	-0	0	0	-0	25.4	7.3	0.2	0.0	32.6	3		
7	27	-101	-0	0	0	-0	-0	33.2	12.6	0.2	0.0	45.8	3		
8	27	15	-1	1	0	-0	-0	5.1	2.6	0.7	0.0	7.7	3		
9	27	75	1	-1	0	0	0	24.7	12.0	0.4	0.0	36.7	3		

ASTA NUM. 269 NI 3517 NF 3287 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							

2	0	-55	1	0	0	0	-0	18.1	7.9	0.4	0.0	26.0	3
7	0	-101	0	-0	0	-0	-0	33.2	12.5	0.2	0.0	45.6	3
8	0	-16	-0	-0	0	-0	-0	5.2	1.7	0.2	0.0	6.8	3
9	0	99	0	0	0	0	0	32.6	11.0	0.3	0.0	43.6	3
2	14	-55	0	0	0	0	-0	18.1	6.1	0.3	0.0	24.2	3
7	14	-101	0	-0	0	-0	-0	33.2	11.3	0.1	0.0	44.5	3
8	14	-16	-0	-0	0	-0	-0	5.2	2.2	0.3	0.0	7.4	3
9	14	99	0	0	0	0	0	32.6	11.6	0.2	0.0	44.2	3
2	27	-55	0	0	0	0	-0	18.1	4.9	0.2	0.0	23.1	3
7	27	-101	-0	-0	0	-0	-0	33.2	10.8	0.1	0.0	44.0	3
8	27	-16	-1	-0	0	-0	-0	5.2	3.4	0.4	0.0	8.5	3
9	27	99	0	0	0	0	0	32.6	11.6	0.1	0.0	44.2	3

ASTA NUM. 268 NI 3287 NF 3290 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-43	0	0	0	0	-0	14.0	5.2	0.2	0.0	19.2	3	
7	0	-93	0	0	0	0	-0	30.6	10.8	0.3	0.0	41.4	3	
8	0	-25	0	0	0	-0	-0	8.2	3.0	0.1	0.0	11.2	3	
9	0	101	-0	-0	0	0	0	33.2	11.4	0.1	0.0	44.7	3	
2	5	-43	0	0	0	0	-0	14.0	4.7	0.2	0.0	18.8	3	
7	5	-93	0	0	0	-0	-0	30.6	10.2	0.3	0.0	40.8	3	
8	5	-25	0	0	0	-0	-0	8.2	2.8	0.1	0.0	11.0	3	
9	5	101	-0	-0	0	0	0	33.2	11.2	0.2	0.0	44.4	3	
2	10	-43	0	0	0	0	-0	14.0	4.4	0.2	0.0	18.4	3	
7	10	-93	0	0	0	-0	-0	30.6	9.7	0.3	0.0	40.3	3	
8	10	-25	0	0	0	-0	-0	8.2	2.8	0.0	0.0	10.9	3	
9	10	101	-0	-0	0	0	0	33.2	10.9	0.2	0.0	44.1	3	

ASTA NUM. 271 NI 3290 NF 3289 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-26	0	0	0	0	-0	8.6	4.9	0.3	0.0	13.5	3	
7	0	-71	1	-0	0	-0	-0	23.3	11.0	0.5	0.0	34.3	3	
8	0	-27	0	-0	0	-0	-0	8.7	4.3	0.3	0.0	13.1	3	
9	0	85	-0	0	0	0	0	28.0	11.1	0.0	0.0	39.2	3	
2	27	-26	0	0	0	0	-0	8.6	2.5	0.1	0.0	11.1	3	
7	27	-71	0	-0	0	-0	-0	23.3	7.4	0.2	0.0	30.7	3	
8	27	-27	0	-0	0	-0	-0	8.7	2.6	0.1	0.0	11.3	3	
9	27	85	-0	0	0	0	0	28.0	9.8	0.2	0.0	37.8	3	
2	55	-26	-0	0	0	0	-0	8.6	2.3	0.1	0.0	10.9	3	
7	55	-71	0	-0	0	0	-0	23.3	6.1	0.0	0.0	29.4	3	
8	55	-27	-0	-0	0	-0	-0	8.7	3.1	0.2	0.0	11.8	3	
9	55	85	-1	0	0	-0	0	28.0	6.3	0.4	0.0	34.3	3	

ASTA NUM. 270 NI 3289 NF 3288 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	0	-0	3.3	2.5	0.3	0.0	5.8	3	
7	0	-29	1	-0	0	0	-0	9.6	6.3	0.4	0.0	15.9	3	
8	0	-14	0	-0	0	0	-0	4.5	3.1	0.3	0.0	7.6	3	
9	0	34	-0	0	0	-0	0	11.2	6.4	0.1	0.0	17.6	3	
2	27	-10	0	0	0	0	-0	3.3	0.7	0.1	0.0	4.1	3	
7	27	-29	0	-0	0	0	-0	9.6	2.9	0.2	0.0	12.5	3	
8	27	-14	0	-0	0	0	-0	4.5	1.2	0.1	0.0	5.7	3	
9	27	34	-0	0	0	-0	0	11.2	4.1	0.3	0.0	15.3	3	
2	55	-10	-0	0	0	-0	-0	3.3	1.2	0.1	0.0	4.5	3	
7	55	-29	0	-0	0	0	-0	9.6	1.6	0.0	0.0	11.2	3	
8	55	-14	-0	-0	0	0	-0	4.5	1.4	0.1	0.0	6.0	3	
9	55	34	-1	0	0	-0	-0	11.2	0.4	0.5	0.0	11.6	3	

ASTA NUM. 267 NI 3288 NF 3286 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	-0	0	-0	-0	1.3	0.5	0.0	0.0	1.8	3	
7	0	-8	0	0	0	0	-0	2.6	1.2	0.2	0.0	3.7	3	
8	0	-7	0	0	0	0	-0	2.4	1.1	0.2	0.0	3.5	3	
9	0	2	-0	-0	0	-0	0	0.7	0.6	0.1	0.0	1.3	3	
2	5	-4	0	-0	0	-0	-0	1.3	0.4	0.0	0.0	1.8	3	
7	5	-8	0	0	0	0	-0	2.6	0.9	0.1	0.0	3.4	3	
8	5	-7	0	0	0	0	-0	2.4	0.8	0.1	0.0	3.2	3	
9	5	2	-0	-0	0	-0	0	0.7	0.0	0.2	0.0	0.8	2	
2	10	-4	-0	-0	0	0	-0	1.3	0.5	0.0	0.0	1.8	3	
7	10	-8	0	0	0	0	-0	2.6	0.6	0.1	0.0	3.2	3	
8	10	-7	0	0	0	-0	-0	2.4	0.6	0.1	0.0	3.0	3	
9	10	2	-0	-0	0	0	0	0.7	0.0	0.2	0.0	0.8	2	

ASTA NUM. 266 NI 3286 NF 3285 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.7	0.5	0.1	0.0	1.2	3	
7	0	-4	0	-0	0	0	-0	1.2	0.9	0.2	0.0	2.1	3	
8	0	-4	0	-0	0	-0	-0	1.3	0.9	0.2	0.0	2.2	3	
9	0	0	0	0	0	0	0	0.1	0.0	0.1	0.0	0.2	2	
2	14	-2	0	0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	
7	14	-4	0	-0	0	0	-0	1.2	0.3	0.1	0.0	1.6	3	
8	14	-4	0	-0	0	0	-0	1.3	0.4	0.1	0.0	1.7	3	
9	14	0	-0	0	0	-0	0	0.1	0.0	0.0	0.0	0.1	2	
2	27	-2	-0	0	0	-0	-0	0.7	0.3	0.1	0.0	1.0	3	
7	27	-4	-0	-0	0	0	-0	1.2	0.4	0.1	0.0	1.6	3	
8	27	-4	-0	-0	0	0	-0	1.3	0.3	0.0	0.0	1.6	3	
9	27	0	-0	0	0	-0	0	0.1	0.1	0.1	0.0	0.3	2	

ASTA NUM. 445 NI 3285 NF 3431 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	-0	0	-0	-0	0.5	0.7	0.3	0.0	1.2	3	
7	0	-2	1	0	0	0	-0	0.8	1.3	0.4	0.0	2.1	3	
8	0	-2	1	0	0	0	-0	0.5	1.4	0.4	0.0	1.9	3	
9	0	1	0	-0	0	-0	0	0.4	0.1	0.2	0.0	0.6	2	
2	14	-1	0	-0	0	-0	0	0.5	0.0	0.0	0.0	0.5	2	
7	14	-2	0	0	0	0	0	0.8	0.0	0.1	0.0	0.8	2	
8	14	-2	0	0	0	0	0	0.5	0.0	0.1	0.0	0.6	2	
9	14	1	-0	-0	0	-0	0	0.4	0.4	0.1	0.0	0.8	3	
2	27	-1	-0	-0	0	-0	-0	0.5	0.6	0.3	0.0	1.1	1	
7	27	-2	-0	0	0	0	-0	0.8	0.4	0.2	0.0	1.2	1	
8	27	-2	-0	0	0	0	0	0.5	0.0	0.2	0.0	0.6	2	
9	27	1	-1	-0	0	0	-0	0.4	0.8	0.4	0.0	1.1	5	

ASTA NUM. 398 NI 1462 NF 3420 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	0	-0	0	0	-0	0.7	0.3	0.3	0.0	1.1	5	
7	0	-2	0	0	0	0	-0	0.7	0.7	0.3	0.0	1.4	1	
8	0	-6	0	0	0	-0	-0	1.9	0.9	0.3	0.0	2.8	3	
9	0	4	0	-0	0	0	0	1.5	0.0	0.3	0.0	1.6	2	
2	14	2	0	-0	0	0	0	0.7	0.5	0.0	0.0	1.2	3	
7	14	-2	-0	0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	
8	14	-6	-0	0	0	-0	-0	1.9	0.4	0.1	0.0	2.3	3	

9	14	4	-0	-0	0	0	0	1.5	0.8	0.0	0.0	2.3	3
2	27	2	-0	-0	0	0	0	0.7	0.0	0.3	0.0	0.9	2
7	27	-2	-0	0	0	-0	-0	0.7	0.8	0.3	0.0	1.5	3
8	27	-6	-0	0	0	-0	-0	1.9	1.5	0.4	0.0	3.4	3
9	27	4	-0	-0	0	0	0	1.5	0.1	0.3	0.0	1.6	2

ASTA NUM. 279 NI 3420 NF 3415 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1	0	0	0	0	0	0.2	0.0	0.1	0.0	0.3	2		
7	0	-2	0	-0	0	-0	-0	0.7	0.3	0.1	0.0	1.1	3		
8	0	-4	0	-0	0	-0	-0	1.4	0.5	0.1	0.0	1.9	3		
9	0	0	0	0	0	0	0	0.0	0.1	0.1	0.0	0.2	2		
2	14	-1	-0	0	0	0	0	0.2	0.0	0.0	0.0	0.2	2		
7	14	-2	-0	-0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2		
8	14	-4	-0	-0	0	-0	-0	1.4	0.4	0.0	0.0	1.7	3		
9	14	0	-0	0	0	0	0	0.0	0.0	0.0	0.0	0.1	2		
2	27	-1	-0	0	0	0	-0	0.2	0.3	0.1	0.0	0.5	3		
7	27	-2	-0	-0	0	-0	-0	0.7	0.5	0.1	0.0	1.3	3		
8	27	-4	-0	-0	0	-0	-0	1.4	0.8	0.1	0.0	2.2	3		
9	27	0	-0	0	0	0	0	0.0	0.0	0.1	0.0	0.2	2		

ASTA NUM. 278 NI 3415 NF 3418 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-3	0	-0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3		
7	0	-4	0	-0	0	-0	-0	1.3	0.4	0.0	0.0	1.8	3		
8	0	-4	0	0	0	-0	-0	1.2	0.5	0.1	0.0	1.7	3		
9	0	-2	0	-0	0	0	-0	0.6	0.3	0.1	0.0	0.9	3		
2	5	-3	-0	-0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3		
7	5	-4	-0	-0	0	0	-0	1.3	0.4	0.0	0.0	1.8	3		
8	5	-4	0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3		
9	5	-2	0	-0	0	0	0	0.6	0.0	0.0	0.0	0.6	2		
2	10	-3	-0	-0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3		
7	10	-4	-0	-0	0	0	-0	1.3	0.5	0.1	0.0	1.8	3		
8	10	-4	-0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.7	3		
9	10	-2	-0	-0	0	0	0	0.6	0.0	0.0	0.0	0.6	2		

ASTA NUM. 281 NI 3418 NF 3417 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-24	0	-0	0	0	-0	8.0	1.4	0.0	0.0	9.4	3		
7	0	-9	0	0	0	0	-0	3.1	1.2	0.2	0.0	4.3	3		
8	0	29	1	0	0	-0	-0	9.4	0.7	0.5	0.0	10.1	3		
9	0	-9	0	-0	0	0	-0	2.9	1.1	0.2	0.0	4.0	3		
2	27	-24	-0	-0	0	0	-0	8.0	2.4	0.2	0.0	10.4	3		
7	27	-9	-0	0	0	-0	-0	3.1	0.7	0.1	0.0	3.7	3		
8	27	29	0	0	0	-0	0	9.4	3.6	0.3	0.0	13.0	3		
9	27	-9	-0	-0	0	0	-0	2.9	0.7	0.1	0.0	3.6	3		
2	55	-24	-1	-0	0	0	-0	8.0	5.5	0.4	0.0	13.5	3		
7	55	-9	-0	0	0	-0	-0	3.1	2.3	0.3	0.0	5.4	3		
8	55	29	0	0	0	-0	0	9.4	5.7	0.1	0.0	15.1	3		
9	55	-9	-0	-0	0	0	-0	2.9	2.5	0.3	0.0	5.4	3		

ASTA NUM. 280 NI 3417 NF 3416 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							

2	0	-67	-0	0	0	0	-0	22.1	5.5	0.1	0.0	27.6	3
7	0	-22	0	-0	0	-0	-0	7.2	2.5	0.1	0.0	9.6	3
8	0	86	1	-0	0	-0	0	28.2	5.5	0.6	0.0	33.7	3
9	0	-28	0	0	0	0	-0	9.1	2.3	0.1	0.0	11.5	3
2	27	-67	-0	0	0	0	-0	22.1	7.1	0.3	0.0	29.2	3
7	27	-22	-0	-0	0	0	-0	7.2	2.1	0.1	0.0	9.2	3
8	27	86	0	-0	0	-0	0	28.2	9.8	0.3	0.0	38.1	3
9	27	-28	-0	0	0	0	-0	9.1	2.7	0.2	0.0	11.9	3
2	55	-67	-1	0	0	-0	-0	22.1	10.8	0.5	0.0	32.9	3
7	55	-22	-0	-0	0	0	-0	7.2	3.9	0.3	0.0	11.0	3
8	55	86	0	-0	0	0	0	28.2	12.2	0.1	0.0	40.5	3
9	55	-28	-1	0	0	-0	-0	9.1	5.5	0.4	0.0	14.7	3

ASTA NUM. 277 NI 3416 NF 3419 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-101	0	-0	0	-0	-0	33.2	11.1	0.3	0.0	44.3	3	
7	0	-28	0	0	0	0	-0	9.1	3.3	0.2	0.0	12.4	3	
8	0	129	0	1	0	0	1	42.5	14.0	0.7	0.0	56.5	3	
9	0	-54	-0	-1	0	-0	-0	17.8	5.9	0.7	0.0	23.6	3	
2	5	-101	-0	-0	0	0	-0	33.2	11.7	0.3	0.0	44.8	3	
7	5	-28	0	0	0	-0	-0	9.1	3.3	0.2	0.0	12.4	3	
8	5	129	0	1	0	-0	1	42.5	15.3	0.7	0.0	57.8	3	
9	5	-54	-0	-1	0	0	-0	17.8	7.0	0.7	0.0	24.8	3	
2	10	-101	-0	-0	0	0	-0	33.2	12.4	0.3	0.0	45.5	3	
7	10	-28	0	0	0	-0	-0	9.1	3.5	0.2	0.0	12.6	3	
8	10	129	0	1	0	-0	1	42.5	16.9	0.7	0.0	59.4	3	
9	10	-54	-0	-1	0	0	-0	17.8	8.5	0.7	0.0	26.3	3	

ASTA NUM. 287 NI 3419 NF 3491 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-127	-0	1	0	0	-0	41.8	13.6	0.5	0.0	55.5	3	
7	0	-32	0	-0	0	-0	-0	10.7	4.1	0.3	0.0	14.8	3	
8	0	160	1	-1	0	-0	1	52.7	17.7	1.0	0.0	70.3	3	
9	0	-77	-0	1	0	0	-0	25.3	9.4	1.0	0.0	34.7	3	
2	14	-127	-0	1	0	-0	-1	41.8	15.1	0.5	0.0	57.0	3	
7	14	-32	-0	-0	0	0	-0	10.7	4.5	0.3	0.0	15.1	3	
8	14	160	1	-1	0	0	1	52.7	20.5	1.0	0.0	73.2	3	
9	14	-77	-0	1	0	-0	-0	25.3	11.2	1.0	0.0	36.5	3	
2	27	-127	-1	1	0	-0	-1	41.8	19.6	0.5	0.0	61.5	3	
7	27	-32	-0	-0	0	0	-0	10.7	6.7	0.3	0.0	17.3	3	
8	27	160	0	-1	0	0	1	52.7	27.5	1.0	0.0	80.2	3	
9	27	-77	-1	1	0	-0	-0	25.3	18.2	1.0	0.0	43.5	3	

ASTA NUM. 288 NI 3491 NF 3490 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-159	1	-2	0	-0	-1	52.2	23.9	1.2	0.0	76.1	3	
7	0	-55	-1	1	0	0	-0	18.0	4.4	1.0	0.0	22.5	3	
8	0	176	-2	4	0	0	1	58.0	35.7	2.8	0.0	93.8	3	
9	0	-84	3	-4	0	-0	-1	27.6	26.2	2.8	0.0	53.8	3	
2	14	-159	1	-2	0	0	-1	52.2	19.7	1.2	0.0	71.9	3	
7	14	-55	-1	1	0	-0	-0	18.0	8.5	1.0	0.0	26.6	3	
8	14	176	-2	4	0	-0	1	58.0	25.5	2.8	0.0	83.5	3	
9	14	-84	2	-4	0	0	-0	27.6	15.2	2.8	0.0	42.7	3	
2	27	-159	1	-2	0	0	-1	52.2	23.4	1.2	0.0	75.7	3	
7	27	-55	-1	1	0	-0	-0	18.0	18.5	1.0	0.0	36.6	3	
8	27	176	-2	4	0	-1	0	58.0	30.8	2.8	0.0	88.8	3	
9	27	-84	2	-4	0	1	0	27.6	20.3	2.8	0.0	47.9	2	

ASTA NUM. 316 NI 3490 NF 1544 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-55	1	-1	0	-0	-0	18.0	18.5	1.0	0.0	36.5	3	
7	0	-159	-1	2	0	0	-1	52.2	23.4	1.2	0.0	75.6	3	
8	0	-84	-2	4	0	1	-0	27.5	20.5	2.8	0.0	48.1	3	
9	0	176	2	-4	0	-1	0	58.1	30.8	2.8	0.0	88.9	3	
2	14	-55	1	-1	0	-0	-0	18.0	8.5	1.0	0.0	26.5	3	
7	14	-159	-1	2	0	0	-1	52.2	19.6	1.2	0.0	71.8	3	
8	14	-84	-2	4	0	0	-0	27.5	15.1	2.8	0.0	42.7	3	
9	14	176	2	-4	0	-0	1	58.1	25.5	2.8	0.0	83.6	3	
2	27	-55	1	-1	0	0	-0	18.0	4.4	1.0	0.0	22.4	3	
7	27	-159	-1	2	0	-0	-1	52.2	23.8	1.2	0.0	76.0	3	
8	27	-84	-3	4	0	-0	-1	27.5	26.2	2.8	0.0	53.7	3	
9	27	176	2	-4	0	0	1	58.1	35.8	2.8	0.0	93.8	3	

ASTA NUM. 317 NI 1544 NF 3293 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-32	0	0	0	0	-0	10.6	6.6	0.3	0.0	17.2	3	
7	0	-127	1	-1	0	-0	-1	41.8	19.5	0.5	0.0	61.3	3	
8	0	-77	1	-1	0	-0	-0	25.3	18.1	1.0	0.0	43.4	3	
9	0	160	-0	1	0	0	1	52.7	27.5	1.0	0.0	80.2	3	
2	14	-32	0	0	0	0	-0	10.6	4.5	0.3	0.0	15.1	3	
7	14	-127	0	-1	0	-0	-1	41.8	15.1	0.5	0.0	56.9	3	
8	14	-77	0	-1	0	-0	-0	25.3	11.1	1.0	0.0	36.4	3	
9	14	160	-1	1	0	0	1	52.7	20.5	1.0	0.0	73.2	3	
2	27	-32	-0	0	0	-0	-0	10.6	4.1	0.3	0.0	14.7	3	
7	27	-127	0	-1	0	0	-0	41.8	13.6	0.5	0.0	55.4	3	
8	27	-77	0	-1	0	0	-0	25.3	9.3	1.0	0.0	34.6	3	
9	27	160	-1	1	0	-0	1	52.7	17.7	1.0	0.0	70.3	3	

ASTA NUM. 284 NI 3293 NF 3292 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-27	-0	-0	0	-0	-0	9.0	3.5	0.2	0.0	12.5	3	
7	0	-101	0	0	0	0	-0	33.1	12.3	0.3	0.0	45.5	3	
8	0	-54	0	1	0	0	-0	17.7	8.5	0.7	0.0	26.2	3	
9	0	129	-0	-1	0	-0	1	42.5	16.9	0.7	0.0	59.4	3	
2	5	-27	-0	-0	0	-0	-0	9.0	3.3	0.2	0.0	12.3	3	
7	5	-101	0	0	0	0	-0	33.1	11.6	0.3	0.0	44.8	3	
8	5	-54	0	1	0	0	-0	17.7	7.0	0.7	0.0	24.7	3	
9	5	129	-0	-1	0	-0	1	42.5	15.3	0.7	0.0	57.9	3	
2	10	-27	-0	-0	0	0	-0	9.0	3.3	0.2	0.0	12.3	3	
7	10	-101	-0	0	0	-0	-0	33.1	11.1	0.3	0.0	44.2	3	
8	10	-54	0	1	0	-0	-0	17.7	5.8	0.7	0.0	23.6	3	
9	10	129	-0	-1	0	0	1	42.5	14.0	0.7	0.0	56.5	3	

ASTA NUM. 282 NI 3292 NF 3291 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-22	0	0	0	0	-0	7.1	3.9	0.3	0.0	11.0	3	
7	0	-67	1	-0	0	-0	-0	22.1	10.8	0.5	0.0	32.9	3	
8	0	-28	1	-0	0	-0	-0	9.1	5.5	0.4	0.0	14.7	3	
9	0	86	-0	0	0	0	0	28.2	12.2	0.1	0.0	40.5	3	
2	27	-22	0	0	0	0	-0	7.1	2.0	0.1	0.0	9.2	3	
7	27	-67	0	-0	0	0	-0	22.1	7.1	0.3	0.0	29.1	3	

8	27	-28	0	-0	0	0	-0	9.1	2.7	0.2	0.0	11.8	3
9	27	86	-0	0	0	-0	0	28.2	9.8	0.3	0.0	38.1	3
2	55	-22	-0	0	0	-0	-0	7.1	2.5	0.1	0.0	9.6	3
7	55	-67	0	-0	0	0	-0	22.1	5.5	0.0	0.0	27.6	3
8	55	-28	-0	-0	0	0	-0	9.1	2.3	0.1	0.0	11.4	3
9	55	86	-1	0	0	-0	0	28.2	5.5	0.6	0.0	33.7	3

ASTA NUM. 283 NI 3291 NF 3294 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	-0	0	-0	-0	3.0	2.3	0.3	0.0	5.4	3	
7	0	-24	1	0	0	0	-0	8.0	5.5	0.4	0.0	13.5	3	
8	0	-9	0	0	0	0	-0	2.9	2.5	0.3	0.0	5.4	3	
9	0	29	-0	-0	0	-0	0	9.4	5.7	0.1	0.0	15.1	3	
2	27	-9	0	-0	0	-0	-0	3.0	0.7	0.1	0.0	3.7	3	
7	27	-24	0	0	0	0	-0	8.0	2.4	0.2	0.0	10.3	3	
8	27	-9	0	0	0	0	-0	2.9	0.7	0.1	0.0	3.6	3	
9	27	29	-0	-0	0	-0	0	9.4	3.6	0.3	0.0	13.0	3	
2	55	-9	-0	-0	0	0	-0	3.0	1.2	0.2	0.0	4.3	3	
7	55	-24	-0	0	0	0	-0	8.0	1.4	0.0	0.0	9.4	3	
8	55	-9	-0	0	0	0	-0	2.9	1.1	0.2	0.0	4.0	3	
9	55	29	-1	-0	0	-0	-0	9.4	0.7	0.5	0.0	10.1	3	

ASTA NUM. 285 NI 3294 NF 3296 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	0	-0	1.3	0.5	0.1	0.0	1.8	3	
7	0	-3	0	0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3	
8	0	-2	0	0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
9	0	-4	0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.7	3	
2	5	-4	0	0	0	0	-0	1.3	0.4	0.0	0.0	1.8	3	
7	5	-3	0	0	0	0	-0	1.1	0.4	0.0	0.0	1.4	3	
8	5	-2	-0	0	0	0	0	0.6	0.0	0.0	0.0	0.6	2	
9	5	-4	-0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
2	10	-4	-0	0	0	0	-0	1.3	0.4	0.0	0.0	1.8	3	
7	10	-3	-0	0	0	0	-0	1.1	0.4	0.0	0.0	1.5	3	
8	10	-2	-0	0	0	0	-0	0.6	0.3	0.1	0.0	0.9	3	
9	10	-4	-0	-0	0	-0	-0	1.2	0.5	0.1	0.0	1.7	3	

ASTA NUM. 286 NI 3296 NF 3295 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.7	0.5	0.1	0.0	1.3	3	
7	0	-1	0	-0	0	0	-0	0.2	0.3	0.1	0.0	0.5	3	
8	0	0	0	-0	0	0	0	0.0	0.0	0.1	0.0	0.2	2	
9	0	-4	0	0	0	-0	-0	1.3	0.8	0.1	0.0	2.2	3	
2	14	-2	0	0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	
7	14	-1	0	-0	0	0	0	0.2	0.0	0.0	0.0	0.2	2	
8	14	0	0	-0	0	0	0	0.0	0.0	0.0	0.0	0.1	2	
9	14	-4	0	0	0	-0	-0	1.3	0.4	0.0	0.0	1.7	3	
2	27	-2	-0	0	0	-0	-0	0.7	0.3	0.1	0.0	1.1	3	
7	27	-1	-0	-0	0	0	0	0.2	0.0	0.1	0.0	0.3	2	
8	27	0	-0	-0	0	0	0	0.0	0.1	0.1	0.0	0.2	2	
9	27	-4	-0	0	0	-0	-0	1.3	0.5	0.1	0.0	1.9	3	

ASTA NUM. 444 NI 3295 NF 3429 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-2	0	-0	0	-0	-0	0.7	0.8	0.3	0.0	1.5	3
7	0	2	0	0	0	0	0	0.7	0.0	0.3	0.0	0.9	2
8	0	4	0	0	0	0	0	1.5	0.1	0.3	0.0	1.6	2
9	0	-6	0	-0	0	-0	-0	1.9	1.5	0.4	0.0	3.4	3
2	14	-2	0	-0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2
7	14	2	0	0	0	0	0	0.7	0.5	0.0	0.0	1.2	3
8	14	4	0	0	0	0	0	1.5	0.8	0.0	0.0	2.3	3
9	14	-6	0	-0	0	-0	-0	1.9	0.4	0.1	0.0	2.3	3
2	27	-2	-0	-0	0	0	-0	0.7	0.7	0.3	0.0	1.4	1
7	27	2	-0	0	0	0	-0	0.7	0.3	0.3	0.0	1.0	5
8	27	4	-0	0	0	0	0	1.5	0.0	0.3	0.0	1.6	2
9	27	-6	-0	-0	0	0	-0	1.9	0.9	0.3	0.0	2.8	1

ASTA NUM. 336 NI 3519 NF 3558 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-76	1	-0	0	-0	-0	25.1	11.6	0.4	0.0	36.7	3	
7	0	-99	-0	0	0	0	-0	32.7	11.7	0.2	0.0	44.4	3	
8	0	16	-1	1	0	0	0	5.1	8.0	0.5	0.0	13.1	3	
9	0	73	1	-1	0	-0	0	24.1	8.8	0.6	0.0	33.0	3	
2	14	-76	0	-0	0	-0	-0	25.1	8.9	0.3	0.0	34.0	3	
7	14	-99	-0	0	0	0	-0	32.7	11.2	0.2	0.0	43.9	3	
8	14	16	-1	1	0	0	0	5.1	3.0	0.5	0.0	8.1	3	
9	14	73	1	-1	0	-0	0	24.1	9.3	0.5	0.0	33.5	3	
2	27	-76	0	-0	0	0	-0	25.1	7.5	0.2	0.0	32.6	3	
7	27	-99	-0	0	0	-0	-0	32.7	12.4	0.3	0.0	45.1	3	
8	27	16	-1	1	0	-0	-0	5.1	2.5	0.7	0.0	7.6	3	
9	27	73	1	-1	0	0	0	24.1	11.7	0.5	0.0	35.8	3	

ASTA NUM. 373 NI 3558 NF 3560 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-55	0	0	0	0	-0	18.2	7.8	0.3	0.0	26.0	3	
7	0	-99	0	-0	0	-0	-0	32.7	12.1	0.2	0.0	44.8	3	
8	0	-14	-0	-0	0	-0	-0	4.5	1.8	0.1	0.0	6.3	3	
9	0	96	0	0	0	0	0	31.7	10.8	0.3	0.0	42.5	3	
2	14	-55	0	0	0	0	-0	18.2	6.2	0.2	0.0	24.4	3	
7	14	-99	0	-0	0	-0	-0	32.7	11.1	0.1	0.0	43.8	3	
8	14	-14	-0	-0	0	-0	-0	4.5	2.1	0.2	0.0	6.6	3	
9	14	96	0	0	0	0	0	31.7	11.3	0.2	0.0	43.1	3	
2	27	-55	0	0	0	0	-0	18.2	5.1	0.1	0.0	23.4	3	
7	27	-99	-0	-0	0	0	-0	32.7	10.7	0.1	0.0	43.4	3	
8	27	-14	-0	-0	0	-0	-0	4.5	2.9	0.3	0.0	7.4	3	
9	27	96	0	0	0	0	0	31.7	11.3	0.1	0.0	43.0	3	

ASTA NUM. 374 NI 3560 NF 3559 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-43	0	-0	0	0	-0	14.3	5.1	0.2	0.0	19.4	3	
7	0	-92	0	0	0	0	-0	30.1	10.5	0.3	0.0	40.6	3	
8	0	-22	0	0	0	-0	-0	7.2	2.6	0.1	0.0	9.9	3	
9	0	98	-0	-0	0	0	0	32.4	11.1	0.1	0.0	43.5	3	
2	5	-43	0	-0	0	0	-0	14.3	4.8	0.2	0.0	19.1	3	
7	5	-92	0	0	0	-0	-0	30.1	10.0	0.2	0.0	40.2	3	
8	5	-22	0	0	0	-0	-0	7.2	2.5	0.0	0.0	9.8	3	
9	5	98	-0	-0	0	0	0	32.4	10.9	0.2	0.0	43.3	3	
2	10	-43	0	-0	0	0	-0	14.3	4.6	0.1	0.0	18.9	3	
7	10	-92	0	0	0	-0	-0	30.1	9.6	0.2	0.0	39.8	3	
8	10	-22	0	0	0	-0	-0	7.2	2.5	0.0	0.0	9.8	3	
9	10	98	-0	-0	0	0	0	32.4	10.6	0.2	0.0	43.0	3	

ASTA NUM. 371 NI 3559 NF 3557 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-28	0	0	0	0	-0	9.2	5.1	0.3	0.0	14.3	3	
7	0	-70	1	-0	0	-0	-0	23.1	10.9	0.5	0.0	34.0	3	
8	0	-23	0	-0	0	-0	-0	7.5	3.9	0.3	0.0	11.4	3	
9	0	83	-0	0	0	0	0	27.3	10.9	0.0	0.0	38.2	3	
2	27	-28	0	0	0	0	-0	9.2	2.8	0.1	0.0	11.9	3	
7	27	-70	0	-0	0	-0	-0	23.1	7.4	0.2	0.0	30.5	3	
8	27	-23	0	-0	0	-0	-0	7.5	2.2	0.0	0.0	9.7	3	
9	27	83	-0	0	0	0	0	27.3	9.5	0.2	0.0	36.9	3	
2	55	-28	-0	0	0	0	-0	9.2	2.6	0.1	0.0	11.7	3	
7	55	-70	0	-0	0	0	-0	23.1	6.1	0.0	0.0	29.2	3	
8	55	-23	-0	-0	0	0	-0	7.5	2.7	0.2	0.0	10.3	3	
9	55	83	-1	0	0	-0	0	27.3	6.1	0.4	0.0	33.4	3	

ASTA NUM. 372 NI 3557 NF 3561 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	0	0	0	-0	3.7	2.8	0.3	0.0	6.5	3	
7	0	-29	1	0	0	0	-0	9.5	6.3	0.5	0.0	15.8	3	
8	0	-11	0	-0	0	0	-0	3.6	2.7	0.3	0.0	6.3	3	
9	0	33	-0	-0	0	-0	0	10.7	6.2	0.1	0.0	16.9	3	
2	27	-11	0	0	0	0	-0	3.7	0.9	0.1	0.0	4.6	3	
7	27	-29	0	0	0	0	-0	9.5	2.8	0.2	0.0	12.3	3	
8	27	-11	0	-0	0	0	-0	3.6	0.9	0.1	0.0	4.5	3	
9	27	33	-0	-0	0	-0	0	10.7	4.0	0.3	0.0	14.7	3	
2	55	-11	-0	0	0	-0	-0	3.7	1.2	0.1	0.0	5.0	3	
7	55	-29	0	0	0	0	-0	9.5	1.5	0.0	0.0	11.0	3	
8	55	-11	-0	-0	0	0	-0	3.6	1.3	0.1	0.0	4.9	3	
9	55	33	-1	-0	0	-0	-0	10.7	0.5	0.5	0.0	11.2	3	

ASTA NUM. 375 NI 3561 NF 3562 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	-0	0	-0	-0	1.6	0.6	0.1	0.0	2.3	3	
7	0	-8	0	0	0	0	-0	2.5	1.1	0.2	0.0	3.6	3	
8	0	-5	0	0	0	0	-0	1.7	0.9	0.2	0.0	2.6	3	
9	0	1	-0	0	0	-0	0	0.4	0.4	0.1	0.0	0.8	3	
2	5	-5	0	-0	0	-0	-0	1.6	0.5	0.0	0.0	2.2	3	
7	5	-8	0	0	0	0	-0	2.5	0.8	0.1	0.0	3.3	3	
8	5	-5	0	0	0	0	-0	1.7	0.6	0.1	0.0	2.3	3	
9	5	1	-0	0	0	-0	0	0.4	0.0	0.2	0.0	0.5	2	
2	10	-5	-0	-0	0	0	-0	1.6	0.5	0.0	0.0	2.2	3	
7	10	-8	0	0	0	-0	-0	2.5	0.6	0.1	0.0	3.1	3	
8	10	-5	0	0	0	-0	-0	1.7	0.5	0.1	0.0	2.2	3	
9	10	1	-0	0	0	-0	0	0.4	0.0	0.2	0.0	0.5	2	

ASTA NUM. 376 NI 3562 NF 3566 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.8	0.6	0.1	0.0	1.4	3	
7	0	-3	0	-0	0	-0	-0	1.1	0.8	0.1	0.0	1.8	3	
8	0	-2	0	-0	0	-0	-0	0.8	0.7	0.1	0.0	1.5	3	
9	0	-1	0	-0	0	-0	0	0.2	0.0	0.1	0.0	0.3	2	
2	14	-2	0	0	0	-0	0	0.8	0.0	0.0	0.0	0.8	2	

7	14	-3	0	-0	0	0	0	1.1	0.0	0.0	0.0	1.1	2
8	14	-2	0	-0	0	0	0	0.8	0.0	0.0	0.0	0.8	2
9	14	-1	-0	-0	0	-0	0	0.2	0.0	0.0	0.0	0.2	2
2	27	-2	-0	0	0	-0	-0	0.8	0.4	0.1	0.0	1.2	3
7	27	-3	-0	-0	0	0	-0	1.1	0.4	0.1	0.0	1.4	3
8	27	-2	-0	-0	0	0	-0	0.8	0.4	0.1	0.0	1.2	3
9	27	-1	-0	-0	0	0	-0	0.2	0.3	0.1	0.0	0.5	3

ASTA NUM. 449 NI 3566 NF 3439 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-2	0	-0	0	-0	-0	0.7	1.0	0.4	0.0	1.6	3	
7	0	-2	1	0	0	0	-0	0.7	1.2	0.4	0.0	1.9	3	
8	0	0	1	0	0	0	-0	0.0	1.0	0.4	0.0	1.0	5	
9	0	0	0	0	0	0	-0	0.1	0.3	0.3	0.0	0.5	5	
2	14	-2	0	-0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	
7	14	-2	0	0	0	0	0	0.7	0.0	0.1	0.0	0.8	2	
8	14	0	0	0	0	0	0	0.0	0.1	0.1	0.0	0.1	2	
9	14	0	-0	0	0	0	0	0.1	0.3	0.0	0.0	0.4	3	
2	27	-2	-0	-0	0	0	-0	0.7	0.6	0.3	0.0	1.3	1	
7	27	-2	-0	0	0	0	-0	0.7	0.4	0.2	0.0	1.1	1	
8	27	0	-0	0	0	0	0	0.0	0.0	0.2	0.0	0.4	2	
9	27	0	-0	0	0	0	-0	0.1	0.6	0.3	0.0	0.8	5	

ASTA NUM. 393 NI 1467 NF 3533 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-2	0	-0	0	0	-0	0.7	0.4	0.2	0.0	1.1	5	
7	0	-2	0	0	0	-0	-0	0.7	0.6	0.3	0.0	1.2	3	
8	0	0	0	0	0	-0	-0	0.1	0.6	0.3	0.0	0.8	5	
9	0	-0	0	-0	0	0	0	0.0	0.0	0.2	0.0	0.4	2	
2	14	-2	-0	-0	0	0	0	0.7	0.0	0.1	0.0	0.8	2	
7	14	-2	-0	0	0	-0	0	0.7	0.0	0.0	0.0	0.7	2	
8	14	0	0	0	0	-0	0	0.1	0.3	0.0	0.0	0.4	3	
9	14	-0	-0	-0	0	0	0	0.0	0.0	0.1	0.0	0.1	2	
2	27	-2	-1	-0	0	0	-0	0.7	1.2	0.4	0.0	1.9	3	
7	27	-2	-0	0	0	-0	-0	0.7	1.0	0.4	0.0	1.6	3	
8	27	0	-0	0	0	-0	-0	0.1	0.3	0.3	0.0	0.5	5	
9	27	-0	-1	-0	0	0	-0	0.0	1.0	0.4	0.0	1.0	5	

ASTA NUM. 350 NI 3533 NF 3532 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-3	0	0	0	0	-0	1.1	0.3	0.1	0.0	1.4	3	
7	0	-3	0	-0	0	-0	-0	0.9	0.3	0.1	0.0	1.2	3	
8	0	-1	0	-0	0	-0	-0	0.2	0.3	0.1	0.0	0.5	3	
9	0	-3	0	0	0	0	0	0.9	0.1	0.1	0.0	0.9	2	
2	14	-3	-0	0	0	0	-0	1.1	0.3	0.1	0.0	1.4	3	
7	14	-3	-0	-0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2	
8	14	-1	0	-0	0	0	0	0.2	0.0	0.0	0.0	0.2	2	
9	14	-3	-0	0	0	0	0	0.9	0.0	0.0	0.0	0.9	2	
2	27	-3	-0	0	0	-0	-0	1.1	0.8	0.2	0.0	2.0	3	
7	27	-3	-0	-0	0	-0	-0	0.9	0.6	0.1	0.0	1.5	3	
8	27	-1	-0	-0	0	0	0	0.2	0.0	0.1	0.0	0.3	2	
9	27	-3	-0	0	0	0	-0	0.9	0.7	0.2	0.0	1.6	3	

ASTA NUM. 349 NI 3532 NF 3536 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg		kg*m		kg/cmq							
2	0	-8	-0	-0	0	-0	-0	2.5	0.6	0.1	0.0	3.1	3
7	0	-5	-0	0	0	-0	-0	1.6	0.5	0.0	0.0	2.1	3
8	0	1	0	0	0	0	0	0.4	0.0	0.2	0.0	0.6	2
9	0	-5	-0	-0	0	0	-0	1.8	0.5	0.0	0.0	2.3	3
2	5	-8	-0	-0	0	0	-0	2.5	0.8	0.1	0.0	3.3	3
7	5	-5	-0	0	0	-0	-0	1.6	0.5	0.0	0.0	2.2	3
8	5	1	0	0	0	-0	0	0.4	0.0	0.2	0.0	0.5	2
9	5	-5	-0	-0	0	0	-0	1.8	0.6	0.1	0.0	2.4	3
2	10	-8	-0	-0	0	0	-0	2.5	1.1	0.2	0.0	3.6	3
7	10	-5	-0	0	0	-0	-0	1.6	0.7	0.1	0.0	2.3	3
8	10	1	0	0	0	-0	0	0.4	0.5	0.2	0.0	0.8	3
9	10	-5	-0	-0	0	0	-0	1.8	0.8	0.1	0.0	2.5	3

ASTA NUM. 352 NI 3536 NF 3535 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-29	-0	-0	0	0	-0	9.5	1.6	0.0	0.0	11.0	3	
7	0	-11	0	-0	0	-0	-0	3.8	1.2	0.1	0.0	5.0	3	
8	0	32	1	0	0	-0	-0	10.7	0.5	0.5	0.0	11.2	3	
9	0	-11	0	0	0	0	-0	3.6	1.3	0.1	0.0	4.9	3	
2	27	-29	-0	-0	0	0	-0	9.5	2.8	0.2	0.0	12.3	3	
7	27	-11	-0	-0	0	0	-0	3.8	0.9	0.1	0.0	4.7	3	
8	27	32	0	0	0	-0	0	10.7	4.0	0.3	0.0	14.6	3	
9	27	-11	-0	0	0	0	-0	3.6	0.9	0.1	0.0	4.5	3	
2	55	-29	-1	-0	0	0	-0	9.5	6.3	0.4	0.0	15.8	3	
7	55	-11	-0	-0	0	0	-0	3.8	2.8	0.3	0.0	6.5	3	
8	55	32	0	0	0	-0	0	10.7	6.2	0.1	0.0	16.9	3	
9	55	-11	-0	0	0	0	-0	3.6	2.6	0.3	0.0	6.3	3	

ASTA NUM. 351 NI 3535 NF 3534 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-70	-0	0	0	0	-0	23.1	6.1	0.0	0.0	29.2	3	
7	0	-28	0	-0	0	0	-0	9.2	2.6	0.1	0.0	11.7	3	
8	0	83	1	-0	0	-0	0	27.3	6.1	0.4	0.0	33.4	3	
9	0	-23	0	0	0	0	-0	7.5	2.8	0.2	0.0	10.3	3	
2	27	-70	-0	0	0	0	-0	23.1	7.4	0.2	0.0	30.5	3	
7	27	-28	-0	-0	0	0	-0	9.2	2.8	0.1	0.0	12.0	3	
8	27	83	0	-0	0	0	0	27.3	9.5	0.2	0.0	36.9	3	
9	27	-23	-0	0	0	-0	-0	7.5	2.2	0.0	0.0	9.7	3	
2	55	-70	-1	0	0	-0	-0	23.1	10.9	0.5	0.0	34.0	3	
7	55	-28	-0	-0	0	0	-0	9.2	5.2	0.3	0.0	14.3	3	
8	55	83	0	-0	0	0	0	27.3	10.8	0.0	0.0	38.2	3	
9	55	-23	-0	0	0	-0	-0	7.5	3.9	0.3	0.0	11.4	3	

ASTA NUM. 348 NI 3534 NF 3538 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-92	-0	-0	0	-0	-0	30.1	9.7	0.2	0.0	39.8	3	
7	0	-43	-0	0	0	0	-0	14.3	4.6	0.1	0.0	18.9	3	
8	0	98	0	0	0	0	0	32.3	10.6	0.2	0.0	42.9	3	
9	0	-22	-0	-0	0	-0	-0	7.2	2.5	0.0	0.0	9.8	3	
2	5	-92	-0	-0	0	-0	-0	30.1	10.0	0.2	0.0	40.2	3	
7	5	-43	-0	0	0	0	-0	14.3	4.8	0.1	0.0	19.1	3	
8	5	98	0	0	0	0	0	32.3	10.9	0.2	0.0	43.2	3	
9	5	-22	-0	-0	0	-0	-0	7.2	2.5	0.1	0.0	9.8	3	
2	10	-92	-0	-0	0	-0	-0	30.1	10.5	0.3	0.0	40.6	3	
7	10	-43	-0	0	0	0	-0	14.3	5.1	0.2	0.0	19.4	3	
8	10	98	0	0	0	0	0	32.3	11.1	0.1	0.0	43.5	3	
9	10	-22	-0	-0	0	-0	-0	7.2	2.6	0.1	0.0	9.9	3	

ASTA NUM. 353 NI 3538 NF 3537 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-99	0	0	0	-0	-0	32.7	10.7	0.1	0.0	43.4	3	
7	0	-55	-0	-0	0	0	-0	18.2	5.2	0.1	0.0	23.4	3	
8	0	96	-0	-0	0	0	0	31.7	11.3	0.1	0.0	43.0	3	
9	0	-13	0	0	0	-0	-0	4.4	2.9	0.3	0.0	7.3	3	
2	14	-99	-0	0	0	-0	-0	32.7	11.1	0.1	0.0	43.8	3	
7	14	-55	-0	-0	0	0	-0	18.2	6.2	0.2	0.0	24.4	3	
8	14	96	-0	-0	0	0	0	31.7	11.3	0.2	0.0	43.0	3	
9	14	-13	0	0	0	-0	-0	4.4	2.1	0.2	0.0	6.5	3	
2	27	-99	-0	0	0	-0	-0	32.7	12.1	0.2	0.0	44.7	3	
7	27	-55	-0	-0	0	0	-0	18.2	7.8	0.3	0.0	26.0	3	
8	27	96	-0	-0	0	0	0	31.7	10.8	0.3	0.0	42.5	3	
9	27	-13	0	0	0	-0	-0	4.4	1.8	0.1	0.0	6.3	3	

ASTA NUM. 337 NI 3537 NF 3519 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-99	0	-0	0	-0	-0	32.7	12.4	0.3	0.0	45.1	3	
7	0	-76	-0	0	0	0	-0	25.1	7.6	0.2	0.0	32.6	3	
8	0	73	-1	1	0	0	0	24.2	11.7	0.5	0.0	35.8	3	
9	0	16	1	-1	0	-0	-0	5.1	2.5	0.7	0.0	7.6	3	
2	14	-99	0	-0	0	0	-0	32.7	11.2	0.2	0.0	43.9	3	
7	14	-76	-0	0	0	-0	-0	25.1	8.9	0.3	0.0	34.0	3	
8	14	73	-1	1	0	-0	0	24.2	9.3	0.5	0.0	33.5	3	
9	14	16	1	-1	0	0	0	5.1	3.0	0.5	0.0	8.1	3	
2	27	-99	0	-0	0	0	-0	32.7	11.7	0.2	0.0	44.4	3	
7	27	-76	-1	0	0	-0	-0	25.1	11.6	0.4	0.0	36.6	3	
8	27	73	-1	1	0	-0	0	24.2	8.8	0.6	0.0	33.0	3	
9	27	16	1	-1	0	0	0	5.1	8.0	0.5	0.0	13.1	3	

ASTA NUM. 338 NI 3520 NF 3572 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-56	1	1	0	0	-0	18.5	18.3	1.0	0.0	36.8	3	
7	0	-156	-1	-2	0	-0	-1	51.3	22.5	1.1	0.0	73.8	3	
8	0	-78	-2	-4	0	-1	0	25.7	19.2	2.6	0.0	45.0	3	
9	0	171	2	4	0	1	0	56.2	28.9	2.6	0.0	85.2	3	
2	14	-56	1	1	0	0	-0	18.5	8.6	1.0	0.0	27.1	3	
7	14	-156	-1	-2	0	-0	-1	51.3	19.1	1.1	0.0	70.5	3	
8	14	-78	-2	-4	0	-0	-0	25.7	14.1	2.6	0.0	39.9	3	
9	14	171	2	4	0	0	1	56.2	24.5	2.6	0.0	80.7	3	
2	27	-56	1	1	0	-0	-0	18.5	4.5	1.0	0.0	23.0	3	
7	27	-156	-1	-2	0	0	-1	51.3	23.3	1.1	0.0	74.6	3	
8	27	-78	-3	-4	0	0	-1	25.7	25.1	2.6	0.0	50.8	3	
9	27	171	2	4	0	-0	1	56.2	34.7	2.6	0.0	90.9	3	

ASTA NUM. 384 NI 3572 NF 3574 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-34	0	-0	0	-0	-0	11.2	6.8	0.3	0.0	18.0	3	
7	0	-126	1	1	0	0	-1	41.3	19.2	0.5	0.0	60.4	3	
8	0	-73	1	1	0	0	-0	24.1	17.3	1.0	0.0	41.4	3	
9	0	155	-0	-1	0	-0	1	51.1	26.4	1.0	0.0	77.5	3	

2	14	-34	0	-0	0	-0	-0	11.2	4.6	0.3	0.0	15.8	3
7	14	-126	0	1	0	0	-1	41.3	14.8	0.5	0.0	56.1	3
8	14	-73	0	1	0	0	-0	24.1	10.6	1.0	0.0	34.8	3
9	14	155	-1	-1	0	-0	1	51.1	19.8	1.0	0.0	70.9	3
2	27	-34	-0	-0	0	0	-0	11.2	4.2	0.3	0.0	15.4	3
7	27	-126	0	1	0	-0	-0	41.3	13.4	0.5	0.0	54.7	3
8	27	-73	0	1	0	-0	-0	24.1	8.9	1.0	0.0	33.0	3
9	27	155	-1	-1	0	0	1	51.1	17.2	1.0	0.0	68.3	3

ASTA NUM. 385 NI 3574 NF 3573 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-29	-0	0	0	0	-0	9.5	3.6	0.2	0.0	13.1	3	
7	0	-100	0	-0	0	-0	-0	32.8	12.2	0.3	0.0	45.0	3	
8	0	-51	0	-1	0	-0	-0	16.9	8.1	0.6	0.0	24.9	3	
9	0	126	-0	1	0	0	1	41.3	16.3	0.6	0.0	57.7	3	
2	5	-29	-0	0	0	0	-0	9.5	3.4	0.2	0.0	12.9	3	
7	5	-100	0	-0	0	-0	-0	32.8	11.5	0.3	0.0	44.3	3	
8	5	-51	0	-1	0	-0	-0	16.9	6.7	0.6	0.0	23.5	3	
9	5	126	-0	1	0	0	1	41.3	14.9	0.6	0.0	56.2	3	
2	10	-29	-0	0	0	-0	-0	9.5	3.4	0.2	0.0	12.9	3	
7	10	-100	-0	-0	0	0	-0	32.8	11.0	0.3	0.0	43.7	3	
8	10	-51	0	-1	0	0	-0	16.9	5.5	0.6	0.0	22.4	3	
9	10	126	-0	1	0	-0	0	41.3	13.6	0.6	0.0	55.0	3	

ASTA NUM. 382 NI 3573 NF 3571 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-23	0	-0	0	-0	-0	7.4	4.0	0.3	0.0	11.4	3	
7	0	-66	1	0	0	0	-0	21.8	10.7	0.5	0.0	32.5	3	
8	0	-26	1	0	0	0	-0	8.4	5.2	0.4	0.0	13.7	3	
9	0	84	-0	-0	0	-0	0	27.6	11.9	0.1	0.0	39.4	3	
2	27	-23	0	-0	0	-0	-0	7.4	2.1	0.1	0.0	9.6	3	
7	27	-66	0	0	0	-0	-0	21.8	7.0	0.3	0.0	28.8	3	
8	27	-26	0	0	0	-0	-0	8.4	2.5	0.2	0.0	10.9	3	
9	27	84	-0	-0	0	0	0	27.6	9.6	0.3	0.0	37.2	3	
2	55	-23	-0	-0	0	0	-0	7.4	2.5	0.1	0.0	9.9	3	
7	55	-66	0	0	0	-0	-0	21.8	5.5	0.0	0.0	27.3	3	
8	55	-26	-0	0	0	-0	-0	8.4	2.1	0.1	0.0	10.6	3	
9	55	84	-1	-0	0	0	0	27.6	5.4	0.5	0.0	32.9	3	

ASTA NUM. 383 NI 3571 NF 3575 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	0	-0	3.2	2.4	0.3	0.0	5.6	3	
7	0	-24	1	-0	0	-0	-0	7.8	5.5	0.4	0.0	13.3	3	
8	0	-7	0	-0	0	-0	-0	2.4	2.3	0.3	0.0	4.7	3	
9	0	28	-0	0	0	0	0	9.2	5.5	0.1	0.0	14.7	3	
2	27	-10	0	0	0	0	-0	3.2	0.7	0.1	0.0	3.9	3	
7	27	-24	0	-0	0	-0	-0	7.8	2.3	0.2	0.0	10.2	3	
8	27	-7	0	-0	0	-0	-0	2.4	0.5	0.1	0.0	2.9	3	
9	27	28	-0	0	0	0	0	9.2	3.5	0.3	0.0	12.7	3	
2	55	-10	-0	0	0	0	-0	3.2	1.3	0.2	0.0	4.5	3	
7	55	-24	-0	-0	0	-0	-0	7.8	1.4	0.0	0.0	9.2	3	
8	55	-7	-0	-0	0	-0	-0	2.4	1.0	0.2	0.0	3.4	3	
9	55	28	-1	0	0	0	-0	9.2	0.7	0.5	0.0	9.9	3	

ASTA NUM. 386 NI 3575 NF 3576 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-4	0	0	0	0	-0	1.4	0.5	0.1	0.0	2.0	3
7	0	-3	0	-0	0	-0	-0	1.1	0.4	0.0	0.0	1.5	3
8	0	-1	-0	-0	0	-0	0	0.3	0.0	0.0	0.0	0.3	2
9	0	-4	0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3
2	5	-4	0	0	0	0	-0	1.4	0.5	0.0	0.0	1.9	3
7	5	-3	0	-0	0	-0	-0	1.1	0.4	0.0	0.0	1.4	3
8	5	-1	-0	-0	0	-0	0	0.3	0.0	0.0	0.0	0.3	2
9	5	-4	-0	0	0	0	-0	1.2	0.4	0.0	0.0	1.6	3
2	10	-4	-0	0	0	0	-0	1.4	0.5	0.0	0.0	1.9	3
7	10	-3	-0	-0	0	-0	-0	1.1	0.4	0.0	0.0	1.4	3
8	10	-1	-0	-0	0	-0	0	0.3	0.0	0.1	0.0	0.3	2
9	10	-4	-0	0	0	0	-0	1.2	0.4	0.0	0.0	1.7	3

ASTA NUM. 387 NI 3576 NF 3580 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	-2	0	-0	0	0	-0	0.8	0.6	0.1	0.0	1.4	3	
7	0	-1	0	0	0	-0	-0	0.2	0.3	0.1	0.0	0.5	3	
8	0	1	0	0	0	-0	0	0.3	0.0	0.1	0.0	0.4	2	
9	0	-4	0	-0	0	0	-0	1.2	0.8	0.2	0.0	2.0	3	
2	14	-2	0	-0	0	0	0	0.8	0.0	0.0	0.0	0.8	2	
7	14	-1	0	0	0	-0	0	0.2	0.0	0.0	0.0	0.2	2	
8	14	1	0	0	0	-0	0	0.3	0.0	0.0	0.0	0.3	2	
9	14	-4	0	-0	0	0	-0	1.2	0.3	0.0	0.0	1.5	3	
2	27	-2	-0	-0	0	0	-0	0.8	0.3	0.1	0.0	1.2	3	
7	27	-1	-0	0	0	-0	0	0.2	0.0	0.1	0.0	0.3	2	
8	27	1	-0	0	0	-0	0	0.3	0.1	0.1	0.0	0.4	2	
9	27	-4	-0	-0	0	0	-0	1.2	0.4	0.1	0.0	1.6	3	

ASTA NUM. 447 NI 3580 NF 3435 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	-2	0	0	0	0	-0	0.8	0.9	0.3	0.0	1.7	3	
7	0	1	0	-0	0	-0	-0	0.4	0.3	0.3	0.0	0.8	5	
8	0	5	0	-0	0	-0	0	1.8	0.1	0.3	0.0	1.9	2	
9	0	-4	1	0	0	0	-0	1.2	1.3	0.4	0.0	2.5	3	
2	14	-2	0	0	0	0	0	0.8	0.0	0.0	0.0	0.8	2	
7	14	1	-0	-0	0	-0	0	0.4	0.4	0.0	0.0	0.9	3	
8	14	5	-0	-0	0	-0	0	1.8	0.9	0.0	0.0	2.7	3	
9	14	-4	0	0	0	0	0	1.2	0.0	0.1	0.0	1.2	2	
2	27	-2	-0	0	0	-0	-0	0.8	0.7	0.3	0.0	1.4	1	
7	27	1	-0	-0	0	0	-0	0.4	0.5	0.3	0.0	0.9	5	
8	27	5	-0	-0	0	0	0	1.8	0.0	0.3	0.0	1.9	2	
9	27	-4	-0	0	0	0	-0	1.2	0.6	0.2	0.0	1.7	1	

ASTA NUM. 395 NI 1465 NF 3547 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq						
2	0	1	0	0	0	-0	-0	0.4	0.4	0.3	0.0	0.9	5	
7	0	-2	0	0	0	0	-0	0.7	0.7	0.3	0.0	1.4	1	
8	0	-4	0	-0	0	0	-0	1.2	0.6	0.2	0.0	1.7	1	
9	0	5	0	0	0	-0	0	1.8	0.0	0.3	0.0	1.9	2	
2	14	1	0	0	0	-0	0	0.4	0.4	0.0	0.0	0.9	3	
7	14	-2	-0	0	0	-0	0	0.7	0.0	0.0	0.0	0.8	2	
8	14	-4	-0	-0	0	0	0	1.2	0.0	0.1	0.0	1.2	2	
9	14	5	0	0	0	-0	0	1.8	0.9	0.0	0.0	2.7	3	
2	27	1	-0	0	0	-0	-0	0.4	0.4	0.3	0.0	0.9	5	
7	27	-2	-0	0	0	-0	-0	0.7	0.9	0.3	0.0	1.6	3	
8	27	-4	-1	-0	0	0	-0	1.2	1.3	0.4	0.0	2.5	3	

9 27 5 -0 0 0 -0 0 1.8 0.1 0.3 0.0 2.0 2

ASTA NUM. 362 NI 3547 NF 3546 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	-0	0	-0	0	0.2	0.1	0.1	0.0	0.3	2	
7	0	-2	0	-0	0	-0	-0	0.8	0.4	0.1	0.0	1.1	3	
8	0	-3	0	0	0	0	-0	1.1	0.4	0.1	0.0	1.6	3	
9	0	1	0	-0	0	-0	0	0.3	0.1	0.1	0.0	0.4	2	
2	14	-1	-0	-0	0	-0	0	0.2	0.0	0.0	0.0	0.2	2	
7	14	-2	-0	-0	0	0	0	0.8	0.0	0.0	0.0	0.8	2	
8	14	-3	-0	0	0	0	-0	1.1	0.3	0.0	0.0	1.4	3	
9	14	1	-0	-0	0	-0	0	0.3	0.0	0.0	0.0	0.3	2	
2	27	-1	-0	-0	0	0	0	0.2	0.1	0.1	0.0	0.3	2	
7	27	-2	-0	-0	0	0	-0	0.8	0.5	0.1	0.0	1.3	3	
8	27	-3	-0	0	0	-0	-0	1.1	0.8	0.1	0.0	1.9	3	
9	27	1	-0	-0	0	0	0	0.3	0.1	0.1	0.0	0.4	2	

ASTA NUM. 361 NI 3546 NF 3550 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	-0	0	0	0	-0	1.0	0.3	0.0	0.0	1.4	3	
7	0	-4	0	-0	0	0	-0	1.4	0.5	0.0	0.0	1.9	3	
8	0	-4	0	-0	0	-0	-0	1.2	0.6	0.1	0.0	1.8	3	
9	0	-1	0	0	0	0	0	0.2	0.1	0.1	0.0	0.3	5	
2	5	-3	-0	0	0	-0	-0	1.0	0.4	0.0	0.0	1.4	3	
7	5	-4	-0	-0	0	0	-0	1.4	0.5	0.0	0.0	1.9	3	
8	5	-4	0	-0	0	0	-0	1.2	0.5	0.1	0.0	1.7	3	
9	5	-1	-0	0	0	-0	0	0.2	0.1	0.1	0.0	0.3	5	
2	10	-3	-0	0	0	-0	-0	1.0	0.6	0.1	0.0	1.6	3	
7	10	-4	-0	-0	0	0	-0	1.4	0.6	0.1	0.0	2.0	3	
8	10	-4	0	-0	0	0	-0	1.2	0.5	0.1	0.0	1.7	3	
9	10	-1	-0	0	0	-0	0	0.2	0.2	0.1	0.0	0.5	2	

ASTA NUM. 364 NI 3550 NF 3549 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-24	0	-0	0	-0	-0	7.8	1.4	0.0	0.0	9.2	3	
7	0	-10	0	0	0	0	-0	3.2	1.3	0.2	0.0	4.5	3	
8	0	28	1	0	0	0	-0	9.1	0.9	0.5	0.0	10.1	3	
9	0	-7	0	-0	0	-0	-0	2.3	1.1	0.2	0.0	3.4	3	
2	27	-24	-0	-0	0	-0	-0	7.8	2.3	0.2	0.0	10.1	3	
7	27	-10	-0	0	0	-0	-0	3.2	0.7	0.1	0.0	4.0	3	
8	27	28	0	0	0	-0	0	9.1	3.4	0.3	0.0	12.5	3	
9	27	-7	-0	-0	0	-0	-0	2.3	0.4	0.1	0.0	2.8	3	
2	55	-24	-1	-0	0	0	-0	7.8	5.5	0.4	0.0	13.3	3	
7	55	-10	-0	0	0	-0	-0	3.2	2.5	0.3	0.0	5.7	3	
8	55	28	0	0	0	-0	0	9.1	5.6	0.1	0.0	14.7	3	
9	55	-7	-0	-0	0	0	-0	2.3	2.3	0.3	0.0	4.7	3	

ASTA NUM. 363 NI 3549 NF 3548 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-66	-0	0	0	0	-0	21.8	5.4	0.0	0.0	27.3	3	
7	0	-23	0	-0	0	-0	-0	7.4	2.6	0.1	0.0	10.0	3	
8	0	84	1	-0	0	-0	0	27.6	5.4	0.5	0.0	32.9	3	
9	0	-26	0	0	0	0	-0	8.5	2.1	0.1	0.0	10.6	3	

2	27	-66	-0	0	0	-0	-0	21.8	7.2	0.3	0.0	29.1	3
7	27	-23	-0	-0	0	0	-0	7.4	2.3	0.1	0.0	9.7	3
8	27	84	0	-0	0	0	0	27.6	10.1	0.3	0.0	37.7	3
9	27	-26	-0	0	0	-0	-0	8.5	3.0	0.2	0.0	11.5	3
2	55	-66	-1	0	0	-0	-0	21.8	11.4	0.5	0.0	33.2	3
7	55	-23	-0	-0	0	0	-0	7.4	4.3	0.3	0.0	11.7	3
8	55	84	0	-0	0	0	0	27.6	13.1	0.1	0.0	40.7	3
9	55	-26	-1	0	0	-0	-0	8.5	6.5	0.4	0.0	14.9	3

ASTA NUM. 360 NI 3548 NF 3552 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-119	-0	-0	0	-0	-0	39.0	11.5	0.3	0.0	50.5	3	
7	0	-33	0	0	0	0	-0	10.8	3.8	0.2	0.0	14.6	3	
8	0	147	1	1	0	0	0	48.5	14.2	0.6	0.0	62.7	3	
9	0	-68	-0	-1	0	-0	-0	22.2	6.8	0.6	0.0	29.0	3	
2	5	-119	-0	-0	0	-0	-0	39.0	11.4	0.3	0.0	50.4	3	
7	5	-33	0	0	0	0	-0	10.8	3.4	0.2	0.0	14.1	3	
8	5	147	1	1	0	0	1	48.5	14.2	0.6	0.0	62.7	3	
9	5	-68	-0	-1	0	-0	-0	22.2	6.1	0.6	0.0	28.3	3	
2	10	-119	-0	-0	0	0	-0	39.0	12.0	0.3	0.0	51.0	3	
7	10	-33	-0	0	0	-0	-0	10.8	3.6	0.2	0.0	14.4	3	
8	10	147	1	1	0	-0	1	48.5	15.6	0.6	0.0	64.1	3	
9	10	-68	-0	-1	0	0	-0	22.2	7.0	0.6	0.0	29.2	3	

ASTA NUM. 365 NI 3552 NF 3551 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-119	-0	-0	0	0	-0	39.0	12.0	0.3	0.0	51.0	3	
7	0	-33	-0	0	0	-0	-0	10.8	3.6	0.2	0.0	14.4	3	
8	0	147	1	1	0	-0	1	48.5	15.6	0.6	0.0	64.1	3	
9	0	-68	-0	-1	0	0	-0	22.2	7.0	0.6	0.0	29.2	3	
2	14	-119	-1	-0	0	0	-0	39.0	15.2	0.4	0.0	54.2	3	
7	14	-33	-0	0	0	-0	-0	10.8	4.8	0.2	0.0	15.6	3	
8	14	147	1	1	0	-0	1	48.5	20.7	0.6	0.0	69.2	3	
9	14	-68	-1	-1	0	0	-0	22.2	11.4	0.6	0.0	33.6	3	
2	27	-119	-1	-0	0	0	-1	39.0	18.9	0.5	0.0	57.9	3	
7	27	-33	-0	0	0	-0	-0	10.8	6.6	0.2	0.0	17.4	3	
8	27	147	0	1	0	-0	1	48.5	25.3	0.6	0.0	73.8	3	
9	27	-68	-1	-1	0	0	-0	22.2	16.4	0.6	0.0	38.6	3	

ASTA NUM. 339 NI 3551 NF 3520 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-156	1	1	0	0	-1	51.3	22.7	1.0	0.0	74.0	3	
7	0	-57	-1	-1	0	-0	-0	18.6	4.1	0.9	0.0	22.7	3	
8	0	171	-2	-3	0	-0	1	56.2	33.5	2.5	0.0	89.6	3	
9	0	-78	3	3	0	0	-1	25.7	23.9	2.5	0.0	49.6	3	
2	14	-156	1	1	0	-0	-1	51.3	19.3	1.0	0.0	70.6	3	
7	14	-57	-1	-1	0	0	-0	18.6	8.7	0.9	0.0	27.3	3	
8	14	171	-2	-3	0	0	1	56.2	24.8	2.5	0.0	81.0	3	
9	14	-78	2	3	0	-0	-0	25.7	14.4	2.5	0.0	40.1	3	
2	27	-156	1	1	0	-0	-1	51.3	22.3	1.0	0.0	73.6	3	
7	27	-57	-1	-1	0	0	-0	18.6	18.1	1.0	0.0	36.7	3	
8	27	171	-2	-3	0	1	0	56.2	28.4	2.5	0.0	84.6	3	
9	27	-78	2	3	0	-1	0	25.7	18.8	2.5	0.0	44.5	3	

ASTA NUM. 394 NI 1466 NF 3527 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	1	0	-0	0	0	-0	0.4	0.5	0.3	0.0	0.9	5	
7	0	-3	0	-0	0	0	-0	0.9	0.7	0.3	0.0	1.6	1	
8	0	-4	0	0	0	-0	-0	1.2	0.6	0.2	0.0	1.8	1	
9	0	6	0	-0	0	0	0	2.1	0.0	0.4	0.0	2.2	2	
2	14	1	0	-0	0	0	0	0.4	0.4	0.0	0.0	0.8	3	
7	14	-3	0	-0	0	0	0	0.9	0.0	0.0	0.0	0.9	2	
8	14	-4	0	0	0	-0	0	1.2	0.0	0.1	0.0	1.2	2	
9	14	6	0	-0	0	0	0	2.1	1.0	0.0	0.0	3.1	3	
2	27	1	0	-0	0	0	-0	0.4	0.4	0.3	0.0	0.8	5	
7	27	-3	0	-0	0	0	-0	0.9	1.0	0.3	0.0	1.9	3	
8	27	-4	-1	0	0	-0	-0	1.2	1.3	0.4	0.0	2.5	3	
9	27	6	0	-0	0	0	0	2.1	0.4	0.3	0.0	2.5	3	

ASTA NUM. 345 NI 3527 NF 3529 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	0	0	0	0	0.2	0.0	0.1	0.0	0.3	2	
7	0	-3	0	0	0	0	-0	0.9	0.4	0.1	0.0	1.2	3	
8	0	-4	0	-0	0	-0	-0	1.2	0.4	0.1	0.0	1.6	3	
9	0	1	0	0	0	0	0	0.5	0.0	0.1	0.0	0.6	2	
2	14	-1	0	0	0	0	0	0.2	0.0	0.0	0.0	0.2	2	
7	14	-3	0	0	0	0	0	0.9	0.0	0.0	0.0	0.9	2	
8	14	-4	0	-0	0	-0	-0	1.2	0.3	0.0	0.0	1.6	3	
9	14	1	0	0	0	0	0	0.5	0.0	0.0	0.0	0.5	2	
2	27	-1	0	0	0	0	-0	0.2	0.3	0.1	0.0	0.5	3	
7	27	-3	0	0	0	-0	-0	0.9	0.6	0.1	0.0	1.5	3	
8	27	-4	0	-0	0	-0	-0	1.2	0.8	0.1	0.0	2.0	3	
9	27	1	0	0	0	0	0	0.5	0.0	0.1	0.0	0.5	2	

ASTA NUM. 346 NI 3529 NF 3528 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	-0	0	0	-0	1.0	0.4	0.0	0.0	1.4	3	
7	0	-5	0	-0	0	-0	-0	1.5	0.5	0.0	0.0	2.0	3	
8	0	-4	0	0	0	-0	-0	1.2	0.5	0.1	0.0	1.7	3	
9	0	-0	0	-0	0	0	0	0.0	0.0	0.1	0.0	0.2	2	
2	5	-3	0	-0	0	0	-0	1.0	0.3	0.0	0.0	1.4	3	
7	5	-5	0	-0	0	0	-0	1.5	0.5	0.0	0.0	2.0	3	
8	5	-4	0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
9	5	-0	0	-0	0	0	0	0.0	0.0	0.1	0.0	0.1	2	
2	10	-3	0	-0	0	0	-0	1.0	0.4	0.0	0.0	1.5	3	
7	10	-5	0	-0	0	0	-0	1.5	0.6	0.1	0.0	2.1	3	
8	10	-4	0	0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
9	10	-0	0	-0	0	0	0	0.0	0.0	0.0	0.0	0.0	2	

ASTA NUM. 343 NI 3528 NF 3526 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-24	0	-0	0	0	-0	7.8	1.4	0.0	0.0	9.2	3	
7	0	-10	0	0	0	0	-0	3.3	1.3	0.2	0.0	4.6	3	
8	0	28	1	0	0	-0	-0	9.1	0.7	0.5	0.0	9.8	3	
9	0	-6	0	-0	0	0	-0	2.1	0.9	0.2	0.0	3.0	3	
2	27	-24	0	-0	0	0	-0	7.8	2.3	0.2	0.0	10.1	3	
7	27	-10	0	0	0	-0	-0	3.3	0.8	0.1	0.0	4.1	3	
8	27	28	0	0	0	-0	0	9.1	3.5	0.3	0.0	12.6	3	
9	27	-6	0	-0	0	0	-0	2.1	0.4	0.1	0.0	2.5	3	
2	55	-24	-1	-0	0	0	-0	7.8	5.4	0.4	0.0	13.2	3	
7	55	-10	0	0	0	-0	-0	3.3	2.4	0.3	0.0	5.7	3	

8 55 28 0 0 0 -0 0 9.1 5.5 0.1 0.0 14.6 3
 9 55 -6 -0 -0 0 0 -0 2.1 2.1 0.3 0.0 4.2 3

ASTA NUM. 344 NI 3526 NF 3531 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-66	-0	0	0	0	-0	21.7	5.5	0.0	0.0	27.2	3	
7	0	-23	0	-0	0	-0	-0	7.5	2.6	0.1	0.0	10.1	3	
8	0	84	1	-0	0	-0	0	27.5	5.3	0.5	0.0	32.8	3	
9	0	-25	0	0	0	0	-0	8.1	2.0	0.1	0.0	10.1	3	
2	27	-66	-0	0	0	0	-0	21.7	6.9	0.3	0.0	28.7	3	
7	27	-23	-0	-0	0	-0	-0	7.5	2.2	0.1	0.0	9.7	3	
8	27	84	0	-0	0	-0	0	27.5	9.6	0.3	0.0	37.1	3	
9	27	-25	-0	0	0	0	-0	8.1	2.4	0.2	0.0	10.5	3	
2	55	-66	-1	0	0	-0	-0	21.7	10.7	0.5	0.0	32.4	3	
7	55	-23	-0	-0	0	0	-0	7.5	4.0	0.3	0.0	11.5	3	
8	55	84	0	-0	0	0	0	27.5	11.9	0.1	0.0	39.4	3	
9	55	-25	-1	0	0	-0	-0	8.1	5.1	0.4	0.0	13.2	3	

ASTA NUM. 347 NI 3531 NF 3530 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-99	0	-0	0	-0	-0	32.6	10.9	0.3	0.0	43.5	3	
7	0	-29	0	0	0	0	-0	9.5	3.4	0.2	0.0	12.9	3	
8	0	126	0	1	0	0	0	41.4	13.6	0.7	0.0	55.0	3	
9	0	-50	-0	-1	0	-0	-0	16.5	5.5	0.7	0.0	22.0	3	
2	5	-99	-0	-0	0	0	-0	32.6	11.5	0.3	0.0	44.1	3	
7	5	-29	0	0	0	-0	-0	9.5	3.4	0.2	0.0	12.9	3	
8	5	126	0	1	0	-0	1	41.4	14.9	0.7	0.0	56.4	3	
9	5	-50	-0	-1	0	0	-0	16.5	6.6	0.7	0.0	23.1	3	
2	10	-99	-0	-0	0	0	-0	32.6	12.1	0.3	0.0	44.8	3	
7	10	-29	0	0	0	-0	-0	9.5	3.6	0.2	0.0	13.1	3	
8	10	126	0	1	0	-0	1	41.4	16.5	0.7	0.0	57.9	3	
9	10	-50	-0	-1	0	0	-0	16.5	8.0	0.7	0.0	24.5	3	

ASTA NUM. 342 NI 3530 NF 3525 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-125	-0	1	0	0	-0	41.2	13.4	0.5	0.0	54.5	3	
7	0	-34	0	-0	0	-0	-0	11.2	4.2	0.3	0.0	15.4	3	
8	0	155	1	-1	0	-0	1	51.1	17.1	1.0	0.0	68.2	3	
9	0	-73	-0	1	0	0	-0	23.9	9.0	1.0	0.0	32.9	3	
2	14	-125	-0	1	0	-0	-1	41.2	14.9	0.5	0.0	56.0	3	
7	14	-34	-0	-0	0	0	-0	11.2	4.6	0.3	0.0	15.8	3	
8	14	155	1	-1	0	0	1	51.1	19.9	1.0	0.0	71.0	3	
9	14	-73	-0	1	0	-0	-0	23.9	10.6	1.0	0.0	34.6	3	
2	27	-125	-1	1	0	-0	-1	41.2	19.3	0.5	0.0	60.4	3	
7	27	-34	-0	-0	0	0	-0	11.2	6.8	0.3	0.0	18.0	3	
8	27	155	0	-1	0	0	1	51.1	26.7	1.0	0.0	77.8	3	
9	27	-73	-1	1	0	-0	-0	23.9	17.5	1.0	0.0	41.4	3	

ASTA NUM. 340 NI 3525 NF 4409 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
 qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-156	1	-2	0	-0	-1	51.5	23.4	1.2	0.0	74.9	3	
7	0	-56	-1	1	0	0	-0	18.5	4.7	1.0	0.0	23.2	3	
8	0	169	-2	4	0	0	1	55.7	34.5	2.8	0.0	90.1	3	

9	0	-81	2	-4	0	-0	-1	26.7	25.4	2.8	0.0	52.2	3
2	14	-156	1	-2	0	0	-1	51.5	19.4	1.2	0.0	70.9	3
7	14	-56	-1	1	0	-0	-0	18.5	8.7	1.0	0.0	27.2	3
8	14	169	-2	4	0	-0	1	55.7	24.7	2.8	0.0	80.3	3
9	14	-81	2	-4	0	0	-0	26.7	14.8	2.8	0.0	41.6	3
2	27	-156	1	-2	0	0	-1	51.5	23.2	1.2	0.0	74.7	3
7	27	-56	-1	1	0	-0	-0	18.5	18.5	1.0	0.0	37.1	3
8	27	169	-2	4	0	-1	0	55.7	29.9	2.8	0.0	85.6	3
9	27	-81	2	-4	0	1	-0	26.7	20.4	2.8	0.0	47.2	3

ASTA NUM. 396 NI 1464 NF 3541 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-3	0	0	0	-0	-0	0.9	0.4	0.2	0.0	1.3	1			
7	0	-1	0	-0	0	0	-0	0.5	0.6	0.3	0.0	1.1	3			
8	0	2	1	-0	0	0	-0	0.6	0.6	0.4	0.0	1.3	5			
9	0	-1	0	0	0	-0	0	0.4	0.0	0.2	0.0	0.5	2			
2	14	-3	-0	0	0	-0	0	0.9	0.0	0.1	0.0	0.9	2			
7	14	-1	-0	-0	0	0	0	0.5	0.0	0.0	0.0	0.5	2			
8	14	2	0	-0	0	0	0	0.6	0.5	0.1	0.0	1.2	3			
9	14	-1	-0	0	0	-0	0	0.4	0.0	0.1	0.0	0.5	2			
2	27	-3	-1	0	0	-0	-0	0.9	1.3	0.4	0.0	2.2	3			
7	27	-1	-0	-0	0	0	-0	0.5	0.8	0.3	0.0	1.3	3			
8	27	2	-0	-0	0	0	0	0.6	0.1	0.3	0.0	0.8	2			
9	27	-1	-1	0	0	-0	-0	0.4	1.3	0.4	0.0	1.7	3			

ASTA NUM. 357 NI 3541 NF 3543 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-3	0	-0	0	-0	-0	1.1	0.4	0.1	0.0	1.5	3			
7	0	-2	0	0	0	0	-0	0.6	0.3	0.1	0.0	1.0	3			
8	0	0	0	0	0	0	0	0.1	0.1	0.1	0.0	0.3	2			
9	0	-3	0	-0	0	-0	-0	1.1	0.3	0.1	0.0	1.4	3			
2	14	-3	-0	-0	0	-0	-0	1.1	0.3	0.0	0.0	1.4	3			
7	14	-2	-0	0	0	0	0	0.6	0.0	0.0	0.0	0.7	2			
8	14	0	0	0	0	0	0	0.1	0.0	0.0	0.0	0.1	2			
9	14	-3	-0	-0	0	-0	-0	1.1	0.3	0.1	0.0	1.4	3			
2	27	-3	-0	-0	0	0	-0	1.1	0.8	0.1	0.0	1.9	3			
7	27	-2	-0	0	0	-0	-0	0.6	0.5	0.1	0.0	1.1	3			
8	27	0	-0	0	0	-0	0	0.1	0.0	0.1	0.0	0.2	2			
9	27	-3	-0	-0	0	0	-0	1.1	0.9	0.2	0.0	2.0	3			

ASTA NUM. 358 NI 3543 NF 3542 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-8	-0	0	0	0	-0	2.5	0.7	0.1	0.0	3.3	3			
7	0	-4	0	-0	0	-0	-0	1.4	0.5	0.0	0.0	1.8	3			
8	0	2	0	-0	0	-0	0	0.7	0.0	0.2	0.0	0.8	2			
9	0	-7	-0	0	0	0	-0	2.3	0.7	0.0	0.0	2.9	3			
2	5	-8	-0	0	0	-0	-0	2.5	0.9	0.1	0.0	3.4	3			
7	5	-4	-0	-0	0	-0	-0	1.4	0.4	0.0	0.0	1.8	3			
8	5	2	0	-0	0	0	0	0.7	0.0	0.1	0.0	0.8	2			
9	5	-7	-0	0	0	-0	-0	2.3	0.8	0.1	0.0	3.0	3			
2	10	-8	-0	0	0	-0	-0	2.5	1.1	0.1	0.0	3.6	3			
7	10	-4	-0	-0	0	0	-0	1.4	0.5	0.0	0.0	1.8	3			
8	10	2	0	-0	0	0	0	0.7	0.5	0.1	0.0	1.2	3			
9	10	-7	-0	0	0	-0	-0	2.3	1.0	0.1	0.0	3.3	3			

ASTA NUM. 355 NI 3542 NF 3540 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-29	-0	-0	0	-0	-0	9.6	1.6	0.0	0.0	11.2	3	
7	0	-10	0	0	0	0	-0	3.4	1.2	0.1	0.0	4.5	3	
8	0	34	1	0	0	0	-0	11.1	0.4	0.5	0.0	11.5	3	
9	0	-13	0	-0	0	-0	-0	4.4	1.4	0.1	0.0	5.8	3	
2	27	-29	-0	-0	0	-0	-0	9.6	2.9	0.2	0.0	12.5	3	
7	27	-10	-0	0	0	-0	-0	3.4	0.8	0.1	0.0	4.1	3	
8	27	34	0	0	0	0	0	11.1	4.1	0.3	0.0	15.3	3	
9	27	-13	-0	-0	0	-0	-0	4.4	1.2	0.1	0.0	5.6	3	
2	55	-29	-1	-0	0	-0	-0	9.6	6.3	0.4	0.0	15.9	3	
7	55	-10	-0	0	0	-0	-0	3.4	2.6	0.3	0.0	5.9	3	
8	55	34	0	0	0	0	0	11.1	6.3	0.1	0.0	17.4	3	
9	55	-13	-0	-0	0	-0	-0	4.4	3.1	0.3	0.0	7.5	3	

ASTA NUM. 356 NI 3540 NF 3545 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-70	-0	-0	0	-0	-0	23.2	6.1	0.0	0.0	29.3	3	
7	0	-26	0	0	0	-0	-0	8.7	2.4	0.1	0.0	11.1	3	
8	0	84	1	0	0	0	0	27.7	6.3	0.4	0.0	34.0	3	
9	0	-26	0	-0	0	-0	-0	8.5	3.0	0.2	0.0	11.5	3	
2	27	-70	-0	-0	0	0	-0	23.2	7.4	0.2	0.0	30.5	3	
7	27	-26	-0	0	0	-0	-0	8.7	2.6	0.1	0.0	11.3	3	
8	27	84	0	0	0	-0	0	27.7	9.7	0.2	0.0	37.4	3	
9	27	-26	-0	-0	0	0	-0	8.5	2.5	0.1	0.0	11.0	3	
2	55	-70	-1	-0	0	0	-0	23.2	10.9	0.5	0.0	34.1	3	
7	55	-26	-0	0	0	-0	-0	8.7	4.9	0.3	0.0	13.6	3	
8	55	84	0	0	0	-0	0	27.7	10.9	0.0	0.0	38.7	3	
9	55	-26	-0	-0	0	0	-0	8.5	4.2	0.3	0.0	12.7	3	

ASTA NUM. 359 NI 3545 NF 3544 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-92	-0	0	0	0	-0	30.4	9.7	0.2	0.0	40.1	3	
7	0	-43	-0	-0	0	-0	-0	14.1	4.4	0.1	0.0	18.5	3	
8	0	100	0	-0	0	-0	0	32.8	10.8	0.2	0.0	43.6	3	
9	0	-24	-0	0	0	0	-0	7.9	2.6	0.0	0.0	10.6	3	
2	5	-92	-0	0	0	-0	-0	30.4	10.1	0.3	0.0	40.5	3	
7	5	-43	-0	-0	0	-0	-0	14.1	4.7	0.2	0.0	18.8	3	
8	5	100	0	-0	0	-0	0	32.8	11.0	0.1	0.0	43.8	3	
9	5	-24	-0	0	0	0	-0	7.9	2.7	0.1	0.0	10.6	3	
2	10	-92	-0	0	0	-0	-0	30.4	10.7	0.3	0.0	41.1	3	
7	10	-43	-0	-0	0	-0	-0	14.1	5.1	0.2	0.0	19.2	3	
8	10	100	0	-0	0	-0	0	32.8	11.2	0.1	0.0	44.0	3	
9	10	-24	-0	0	0	0	-0	7.9	2.8	0.1	0.0	10.7	3	

ASTA NUM. 354 NI 3544 NF 3539 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-100	0	-0	0	-0	-0	33.0	10.8	0.1	0.0	43.8	3	
7	0	-55	-0	0	0	-0	-0	18.2	5.0	0.2	0.0	23.1	3	
8	0	98	-0	0	0	-0	0	32.2	11.4	0.1	0.0	43.7	3	
9	0	-15	1	-0	0	0	-0	4.9	3.2	0.4	0.0	8.1	3	
2	14	-100	-0	-0	0	0	-0	33.0	11.3	0.1	0.0	44.3	3	
7	14	-55	-0	0	0	-0	-0	18.2	6.2	0.3	0.0	24.4	3	
8	14	98	-0	0	0	-0	0	32.2	11.5	0.2	0.0	43.7	3	
9	14	-15	0	-0	0	0	-0	4.9	2.2	0.3	0.0	7.1	3	
2	27	-100	-0	-0	0	0	-0	33.0	12.3	0.2	0.0	45.4	3	

7	27	-55	-1	0	0	-0	-0	18.2	7.9	0.4	0.0	26.1	3
8	27	98	-0	0	0	-0	0	32.2	11.0	0.3	0.0	43.3	3
9	27	-15	0	-0	0	0	-0	4.9	1.8	0.2	0.0	6.7	3

ASTA NUM. 341 NI 3539 NF 3581 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-101	0	0	0	0	-0	33.2	12.8	0.3	0.0	46.0	3	
7	0	-78	-0	-0	0	-0	-0	25.7	7.4	0.2	0.0	33.2	3	
8	0	74	-1	-1	0	-0	0	24.3	12.2	0.5	0.0	36.5	3	
9	0	17	1	1	0	0	-0	5.6	2.8	0.8	0.0	8.4	3	
2	14	-101	0	0	0	-0	-0	33.2	11.4	0.2	0.0	44.7	3	
7	14	-78	-0	-0	0	0	-0	25.7	9.0	0.3	0.0	34.8	3	
8	14	74	-1	-1	0	0	0	24.3	9.4	0.6	0.0	33.7	3	
9	14	17	1	1	0	-0	0	5.6	3.2	0.6	0.0	8.7	3	
2	27	-101	0	0	0	-0	-0	33.2	12.0	0.2	0.0	45.2	3	
7	27	-78	-1	-0	0	0	-0	25.7	11.9	0.4	0.0	37.6	3	
8	27	74	-1	-1	0	0	0	24.3	8.6	0.7	0.0	32.9	3	
9	27	17	1	1	0	-0	0	5.6	8.6	0.5	0.0	14.2	3	

ASTA NUM. 390 NI 4409 NF 4411 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-56	1	-1	0	-0	-0	18.5	18.5	1.0	0.0	37.0	3	
7	0	-156	-1	2	0	0	-1	51.4	23.2	1.2	0.0	74.6	3	
8	0	-81	-2	4	0	1	-0	26.7	20.4	2.8	0.0	47.1	3	
9	0	169	2	-4	0	-1	0	55.7	30.0	2.8	0.0	85.7	3	
2	14	-56	1	-1	0	-0	-0	18.5	8.7	1.0	0.0	27.2	3	
7	14	-156	-1	2	0	0	-1	51.4	19.4	1.2	0.0	70.8	3	
8	14	-81	-2	4	0	0	-0	26.7	14.8	2.8	0.0	41.5	3	
9	14	169	2	-4	0	-0	1	55.7	24.7	2.8	0.0	80.4	3	
2	27	-56	1	-1	0	0	-0	18.5	4.7	1.0	0.0	23.2	3	
7	27	-156	-1	2	0	-0	-1	51.4	23.3	1.2	0.0	74.8	3	
8	27	-81	-2	4	0	-0	-1	26.7	25.4	2.8	0.0	52.1	3	
9	27	169	2	-4	0	0	1	55.7	34.4	2.8	0.0	90.1	3	

ASTA NUM. 391 NI 4411 NF 4410 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-34	0	0	0	0	-0	11.1	6.8	0.3	0.0	17.9	3	
7	0	-125	1	-1	0	-0	-1	41.1	19.2	0.5	0.0	60.3	3	
8	0	-73	1	-1	0	-0	-0	23.9	17.5	1.0	0.0	41.4	3	
9	0	155	-0	1	0	0	1	51.1	26.7	1.0	0.0	77.8	3	
2	14	-34	0	0	0	0	-0	11.1	4.6	0.3	0.0	15.8	3	
7	14	-125	0	-1	0	-0	-0	41.1	14.8	0.5	0.0	56.0	3	
8	14	-73	0	-1	0	-0	-0	23.9	10.6	1.0	0.0	34.5	3	
9	14	155	-1	1	0	0	1	51.1	19.9	1.0	0.0	71.0	3	
2	27	-34	-0	0	0	-0	-0	11.1	4.3	0.3	0.0	15.4	3	
7	27	-125	0	-1	0	0	-0	41.1	13.4	0.5	0.0	54.5	3	
8	27	-73	0	-1	0	0	-0	23.9	9.0	1.0	0.0	32.8	3	
9	27	155	-1	1	0	-0	1	51.1	17.1	1.0	0.0	68.2	3	

ASTA NUM. 368 NI 4410 NF 3556 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-29	-0	-0	0	-0	-0	9.4	3.6	0.2	0.0	13.1	3	
7	0	-99	0	0	0	0	-0	32.6	12.1	0.3	0.0	44.7	3	

8	0	-50	0	1	0	0	-0	16.5	8.0	0.7	0.0	24.5	3
9	0	126	-0	-1	0	-0	1	41.4	16.5	0.6	0.0	57.9	3
2	5	-29	-0	-0	0	-0	-0	9.4	3.4	0.2	0.0	12.9	3
7	5	-99	0	0	0	0	-0	32.6	11.5	0.3	0.0	44.1	3
8	5	-50	0	1	0	0	-0	16.5	6.6	0.7	0.0	23.1	3
9	5	126	-0	-1	0	-0	1	41.4	14.9	0.6	0.0	56.4	3
2	10	-29	-0	-0	0	0	-0	9.4	3.5	0.2	0.0	12.9	3
7	10	-99	-0	0	0	-0	-0	32.6	10.9	0.3	0.0	43.5	3
8	10	-50	0	1	0	-0	-0	16.5	5.5	0.7	0.0	22.0	3
9	10	126	-0	-1	0	0	0	41.4	13.6	0.6	0.0	55.0	3

ASTA NUM. 370 NI 3556 NF 3555 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-23	0	0	0	0	-0	7.5	4.0	0.3	0.0	11.5	3	
7	0	-66	1	-0	0	-0	-0	21.7	10.7	0.5	0.0	32.4	3	
8	0	-25	1	-0	0	-0	-0	8.1	5.1	0.4	0.0	13.2	3	
9	0	84	-0	0	0	0	0	27.5	11.9	0.1	0.0	39.5	3	
2	27	-23	0	0	0	0	-0	7.5	2.2	0.1	0.0	9.6	3	
7	27	-66	0	-0	0	0	-0	21.7	6.9	0.3	0.0	28.7	3	
8	27	-25	0	-0	0	0	-0	8.1	2.4	0.2	0.0	10.5	3	
9	27	84	-0	0	0	-0	0	27.5	9.6	0.3	0.0	37.1	3	
2	55	-23	-0	0	0	-0	-0	7.5	2.6	0.1	0.0	10.0	3	
7	55	-66	0	-0	0	0	-0	21.7	5.5	0.0	0.0	27.2	3	
8	55	-25	-0	-0	0	0	-0	8.1	2.0	0.1	0.0	10.1	3	
9	55	84	-1	0	0	-0	0	27.5	5.3	0.5	0.0	32.9	3	

ASTA NUM. 369 NI 3555 NF 3554 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	-0	0	-0	-0	3.3	2.4	0.3	0.0	5.7	3	
7	0	-24	1	0	0	0	-0	7.8	5.4	0.4	0.0	13.2	3	
8	0	-6	0	0	0	0	-0	2.1	2.1	0.3	0.0	4.2	3	
9	0	28	-0	-0	0	-0	0	9.1	5.5	0.1	0.0	14.7	3	
2	27	-10	0	-0	0	-0	-0	3.3	0.7	0.1	0.0	4.1	3	
7	27	-24	0	0	0	0	-0	7.8	2.3	0.2	0.0	10.1	3	
8	27	-6	0	0	0	0	-0	2.1	0.4	0.1	0.0	2.5	3	
9	27	28	-0	-0	0	-0	0	9.1	3.5	0.3	0.0	12.7	3	
2	55	-10	-0	-0	0	0	-0	3.3	1.3	0.2	0.0	4.6	3	
7	55	-24	-0	0	0	0	-0	7.8	1.4	0.0	0.0	9.2	3	
8	55	-6	-0	0	0	0	-0	2.1	0.9	0.2	0.0	3.0	3	
9	55	28	-1	-0	0	-0	-0	9.1	0.7	0.5	0.0	9.9	3	

ASTA NUM. 367 NI 3554 NF 3553 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	0	0	0	0	-0	1.5	0.6	0.1	0.0	2.1	3	
7	0	-3	0	0	0	0	-0	1.0	0.4	0.0	0.0	1.4	3	
8	0	-0	-0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	2	
9	0	-4	0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
2	5	-5	0	0	0	0	-0	1.5	0.5	0.0	0.0	2.0	3	
7	5	-3	0	0	0	0	-0	1.0	0.3	0.0	0.0	1.4	3	
8	5	-0	-0	0	0	0	0	0.0	0.0	0.1	0.0	0.1	2	
9	5	-4	-0	-0	0	-0	-0	1.2	0.4	0.0	0.0	1.6	3	
2	10	-5	-0	0	0	-0	-0	1.5	0.5	0.0	0.0	2.0	3	
7	10	-3	-0	0	0	0	-0	1.0	0.4	0.0	0.0	1.4	3	
8	10	-0	-0	0	0	0	0	0.0	0.0	0.1	0.0	0.2	2	
9	10	-4	-0	-0	0	-0	-0	1.2	0.5	0.1	0.0	1.7	3	

ASTA NUM. 366 NI 3553 NF 3564 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	-0	0	-0	-0	0.9	0.6	0.1	0.0	1.5	3	
7	0	-1	0	-0	0	0	-0	0.2	0.3	0.1	0.0	0.5	3	
8	0	2	0	-0	0	0	0	0.5	0.0	0.1	0.0	0.5	2	
9	0	-4	0	0	0	-0	-0	1.2	0.8	0.1	0.0	2.0	3	
2	14	-3	0	-0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2	
7	14	-1	0	-0	0	0	0	0.2	0.0	0.0	0.0	0.2	2	
8	14	2	-0	-0	0	0	0	0.5	0.0	0.0	0.0	0.5	2	
9	14	-4	0	0	0	-0	-0	1.2	0.3	0.0	0.0	1.6	3	
2	27	-3	-0	-0	0	-0	-0	0.9	0.4	0.1	0.0	1.2	3	
7	27	-1	-0	-0	0	0	0	0.2	0.0	0.1	0.0	0.3	2	
8	27	2	-0	-0	0	0	0	0.5	0.0	0.1	0.0	0.6	2	
9	27	-4	-0	0	0	-0	-0	1.2	0.4	0.1	0.0	1.7	3	

ASTA NUM. 448 NI 3564 NF 3437 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	0	-0	0	-0	-0	0.9	1.0	0.3	0.0	1.9	3	
7	0	1	0	0	0	0	-0	0.4	0.3	0.3	0.0	0.8	5	
8	0	6	0	0	0	0	0	2.1	0.4	0.3	0.0	2.5	3	
9	0	-4	1	-0	0	-0	-0	1.2	1.3	0.4	0.0	2.5	3	
2	14	-3	0	-0	0	-0	0	0.9	0.0	0.0	0.0	0.9	2	
7	14	1	-0	0	0	0	0	0.4	0.4	0.0	0.0	0.8	3	
8	14	6	-0	0	0	0	0	2.1	1.0	0.0	0.0	3.1	3	
9	14	-4	0	-0	0	-0	0	1.2	0.0	0.1	0.0	1.2	2	
2	27	-3	-0	-0	0	0	-0	0.9	0.7	0.3	0.0	1.6	1	
7	27	1	-0	0	0	0	-0	0.4	0.5	0.3	0.0	0.9	5	
8	27	6	-0	0	0	0	0	2.1	0.0	0.4	0.0	2.2	2	
9	27	-4	-0	-0	0	-0	-0	1.2	0.6	0.2	0.0	1.8	1	

ASTA NUM. 388 NI 3581 NF 4408 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-78	1	0	0	0	-0	25.7	11.9	0.4	0.0	37.6	3	
7	0	-101	-0	-0	0	-0	-0	33.2	12.0	0.2	0.0	45.2	3	
8	0	17	-1	-1	0	-0	0	5.5	8.6	0.5	0.0	14.1	3	
9	0	74	1	1	0	0	0	24.3	8.6	0.7	0.0	32.9	3	
2	14	-78	0	0	0	0	-0	25.7	9.1	0.3	0.0	34.8	3	
7	14	-101	-0	-0	0	-0	-0	33.2	11.4	0.2	0.0	44.7	3	
8	14	17	-1	-1	0	-0	0	5.5	3.1	0.6	0.0	8.7	3	
9	14	74	1	1	0	0	0	24.3	9.4	0.6	0.0	33.7	3	
2	27	-78	0	0	0	-0	-0	25.7	7.4	0.2	0.0	33.2	3	
7	27	-101	-0	-0	0	0	-0	33.2	12.8	0.3	0.0	46.0	3	
8	27	17	-1	-1	0	0	-0	5.5	2.9	0.8	0.0	8.4	3	
9	27	74	1	1	0	-0	0	24.3	12.2	0.5	0.0	36.5	3	

ASTA NUM. 389 NI 4408 NF 4407 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-55	1	-0	0	-0	-0	18.2	7.9	0.4	0.0	26.1	3	
7	0	-100	0	0	0	0	-0	33.0	12.4	0.2	0.0	45.4	3	
8	0	-15	-0	0	0	0	-0	4.9	1.7	0.2	0.0	6.6	3	
9	0	98	0	-0	0	-0	0	32.2	11.0	0.3	0.0	43.3	3	
2	14	-55	0	-0	0	-0	-0	18.2	6.2	0.3	0.0	24.3	3	
7	14	-100	0	0	0	0	-0	33.0	11.3	0.1	0.0	44.3	3	
8	14	-15	-0	0	0	0	-0	4.9	2.2	0.3	0.0	7.1	3	
9	14	98	0	-0	0	-0	0	32.2	11.5	0.2	0.0	43.8	3	

2	27	-55	0	-0	0	-0	-0	18.2	4.9	0.2	0.0	23.1	3
7	27	-100	-0	0	0	-0	-0	33.0	10.8	0.1	0.0	43.8	3
8	27	-15	-1	0	0	0	-0	4.9	3.2	0.4	0.0	8.1	3
9	27	98	0	-0	0	-0	0	32.2	11.4	0.1	0.0	43.7	3

ASTA NUM. 379 NI 4407 NF 3570 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-43	0	0	0	-0	-0	14.1	5.1	0.2	0.0	19.2	3	
7	0	-92	0	-0	0	-0	-0	30.4	10.7	0.3	0.0	41.1	3	
8	0	-24	0	-0	0	0	-0	7.9	2.8	0.1	0.0	10.7	3	
9	0	100	-0	0	0	-0	0	32.9	11.2	0.1	0.0	44.1	3	
2	5	-43	0	0	0	-0	-0	14.1	4.7	0.2	0.0	18.8	3	
7	5	-92	0	-0	0	0	-0	30.4	10.1	0.3	0.0	40.5	3	
8	5	-24	0	-0	0	0	-0	7.9	2.7	0.1	0.0	10.6	3	
9	5	100	-0	0	0	-0	0	32.9	11.0	0.1	0.0	43.9	3	
2	10	-43	0	0	0	-0	-0	14.1	4.4	0.1	0.0	18.5	3	
7	10	-92	0	-0	0	0	-0	30.4	9.7	0.2	0.0	40.1	3	
8	10	-24	0	-0	0	0	-0	7.9	2.6	0.0	0.0	10.6	3	
9	10	100	-0	0	0	-0	0	32.9	10.8	0.2	0.0	43.6	3	

ASTA NUM. 381 NI 3570 NF 3569 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-26	0	-0	0	-0	-0	8.7	4.9	0.3	0.0	13.6	3	
7	0	-70	1	0	0	0	-0	23.1	10.9	0.5	0.0	34.0	3	
8	0	-26	0	0	0	0	-0	8.5	4.2	0.3	0.0	12.7	3	
9	0	84	-0	-0	0	-0	0	27.7	11.0	0.0	0.0	38.7	3	
2	27	-26	0	-0	0	-0	-0	8.7	2.6	0.1	0.0	11.2	3	
7	27	-70	0	0	0	-0	-0	23.1	7.4	0.2	0.0	30.5	3	
8	27	-26	0	0	0	0	-0	8.5	2.5	0.1	0.0	11.0	3	
9	27	84	-0	-0	0	-0	0	27.7	9.7	0.2	0.0	37.4	3	
2	55	-26	-0	-0	0	-0	-0	8.7	2.4	0.1	0.0	11.0	3	
7	55	-70	0	0	0	-0	-0	23.1	6.1	0.0	0.0	29.2	3	
8	55	-26	-0	0	0	-0	-0	8.5	3.0	0.2	0.0	11.5	3	
9	55	84	-1	-0	0	0	0	27.7	6.3	0.4	0.0	34.0	3	

ASTA NUM. 380 NI 3569 NF 3568 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	-0	0	-0	-0	3.4	2.5	0.3	0.0	5.9	3	
7	0	-29	1	-0	0	-0	-0	9.5	6.3	0.4	0.0	15.8	3	
8	0	-13	0	0	0	-0	-0	4.3	3.0	0.3	0.0	7.4	3	
9	0	34	-0	-0	0	0	0	11.1	6.3	0.1	0.0	17.4	3	
2	27	-10	0	-0	0	-0	-0	3.4	0.8	0.1	0.0	4.1	3	
7	27	-29	0	-0	0	-0	-0	9.5	2.9	0.2	0.0	12.4	3	
8	27	-13	0	0	0	-0	-0	4.3	1.1	0.1	0.0	5.5	3	
9	27	34	-0	-0	0	0	0	11.1	4.1	0.3	0.0	15.2	3	
2	55	-10	-0	-0	0	0	-0	3.4	1.2	0.1	0.0	4.6	3	
7	55	-29	0	-0	0	-0	-0	9.5	1.6	0.0	0.0	11.2	3	
8	55	-13	-0	0	0	-0	-0	4.3	1.4	0.1	0.0	5.8	3	
9	55	34	-1	-0	0	0	-0	11.1	0.4	0.5	0.0	11.5	3	

ASTA NUM. 378 NI 3568 NF 3567 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	0	0	0	0	-0	1.4	0.5	0.0	0.0	1.9	3	

7	0	-8	0	-0	0	-0	-0	2.6	1.1	0.2	0.0	3.7	3
8	0	-7	0	-0	0	-0	-0	2.3	1.1	0.2	0.0	3.3	3
9	0	2	-0	0	0	0	0	0.7	0.6	0.1	0.0	1.3	3
2	5	-4	0	0	0	0	-0	1.4	0.4	0.0	0.0	1.8	3
7	5	-8	0	-0	0	-0	-0	2.6	0.9	0.1	0.0	3.4	3
8	5	-7	0	-0	0	-0	-0	2.3	0.8	0.1	0.0	3.1	3
9	5	2	-0	0	0	0	0	0.7	0.0	0.2	0.0	0.8	2
2	10	-4	-0	0	0	-0	-0	1.4	0.5	0.0	0.0	1.8	3
7	10	-8	0	-0	0	-0	-0	2.6	0.6	0.1	0.0	3.2	3
8	10	-7	0	-0	0	-0	-0	2.3	0.6	0.1	0.0	2.8	3
9	10	2	-0	0	0	-0	0	0.7	0.0	0.2	0.0	0.8	2

ASTA NUM. 377 NI 3567 NF 3578 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 0.82 0.82 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	0	-0	0	-0	-0	0.7	0.5	0.1	0.0	1.2	3	
7	0	-4	0	0	0	-0	-0	1.2	0.9	0.2	0.0	2.1	3	
8	0	-4	0	0	0	-0	-0	1.2	0.9	0.2	0.0	2.1	3	
9	0	0	0	-0	0	-0	0	0.2	0.0	0.1	0.0	0.2	2	
2	14	-2	0	-0	0	0	0	0.7	0.0	0.0	0.0	0.7	2	
7	14	-4	0	0	0	-0	-0	1.2	0.3	0.1	0.0	1.6	3	
8	14	-4	0	0	0	-0	-0	1.2	0.3	0.1	0.0	1.5	3	
9	14	0	-0	-0	0	0	0	0.2	0.0	0.0	0.0	0.2	2	
2	27	-2	-0	-0	0	0	-0	0.7	0.3	0.1	0.0	1.0	3	
7	27	-4	-0	0	0	-0	-0	1.2	0.4	0.1	0.0	1.6	3	
8	27	-4	-0	0	0	-0	0	1.2	0.1	0.0	0.0	1.3	2	
9	27	0	-0	-0	0	0	0	0.2	0.0	0.1	0.0	0.3	2	

ASTA NUM. 446 NI 3578 NF 3433 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

categoria: p.p. y qy tot.
qy medio: 2.39 2.39 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	0	0	0	0	-0	0.5	0.8	0.3	0.0	1.3	3	
7	0	-3	1	-0	0	-0	-0	0.9	1.3	0.4	0.0	2.2	3	
8	0	-1	1	-0	0	-0	-0	0.4	1.3	0.4	0.0	1.7	3	
9	0	2	0	0	0	0	0	0.6	0.0	0.3	0.0	0.8	2	
2	14	-1	0	0	0	0	0	0.5	0.0	0.0	0.0	0.5	2	
7	14	-3	0	-0	0	-0	0	0.9	0.0	0.1	0.0	0.9	2	
8	14	-1	0	-0	0	-0	0	0.4	0.0	0.1	0.0	0.5	2	
9	14	2	-0	0	0	0	0	0.6	0.5	0.1	0.0	1.1	3	
2	27	-1	-0	0	0	0	-0	0.5	0.6	0.3	0.0	1.1	1	
7	27	-3	-0	-0	0	0	-0	0.9	0.4	0.2	0.0	1.3	1	
8	27	-1	-0	-0	0	0	0	0.4	0.0	0.2	0.0	0.5	2	
9	27	2	-1	0	0	0	-0	0.6	0.6	0.4	0.0	1.3	5	

Lavoro: **SOSTEGNO TRACKER** Intestazione lavoro: **SOSTEGNI TRACKER GROTTAGLIE**
 Elemento: **TRAVE** Metodo di verifica: **Stati limite**
 Gruppo: **10** Descrizione: **TRAVERSA ORIZZONATLE SCHEMA 90 GRADI**
 Tabella: **Tabella travi** Struttura: **Nuova**
 Tipo acciaio: **S 235**

ASTA NUM. 1 NI 2449 NF 4643 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-0	-0	-0	0	0	0	0.0	0.0	0.0	0.0	0.0	1	
7	0	-0	-0	-0	0	0	0	0.0	0.0	0.0	0.0	0.0	1	
8	0	0	-0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	1	
9	0	-0	-0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	1	
2	16	-0	-3	-0	0	0	-0	0.0	0.3	0.3	0.0	0.5	2	
7	16	-0	-3	-0	0	0	-0	0.0	0.3	0.3	0.0	0.5	2	
8	16	0	-3	0	0	0	-0	0.0	0.3	0.3	0.0	0.5	2	
9	16	-0	-3	0	0	0	-0	0.0	0.3	0.3	0.0	0.5	2	
2	33	-0	-7	-0	0	0	-1	0.0	1.1	0.6	0.0	1.2	5	
7	33	-0	-7	-0	0	0	-1	0.0	1.1	0.6	0.0	1.2	5	

8 33 0 -7 0 0 0 -1 0.0 1.1 0.6 0.0 1.2 5
 9 33 -0 -7 0 0 0 -1 0.0 1.1 0.6 0.0 1.2 5

ASTA NUM. 2 NI 4643 NF 2431 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	998	209	-62	0	-46	-6	47.6	75.0	17.8	0.0	122.6	3	
7	0	998	-94	-62	0	-46	4	47.6	72.4	9.7	0.0	120.0	3	
8	0	-1373	-145	86	0	64	5	65.5	100.0	13.3	0.0	165.5	3	
9	0	-1372	271	86	0	64	-8	65.5	102.6	23.1	0.0	168.1	3	
2	16	998	205	-62	0	-36	28	47.6	81.5	17.5	0.0	129.1	3	
7	16	998	-97	-62	0	-36	-12	47.6	65.9	9.7	0.0	113.5	3	
8	16	-1373	-149	86	0	50	-19	65.5	92.7	13.3	0.0	158.2	3	
9	16	-1372	267	86	0	50	36	65.5	110.0	22.8	0.0	175.4	3	
2	33	998	202	-62	0	-26	61	47.6	99.7	17.2	0.0	147.3	3	
7	33	998	-101	-62	0	-26	-28	47.6	67.1	9.7	0.0	114.7	3	
8	33	-1373	-152	86	0	36	-43	65.5	96.6	13.3	0.0	162.1	3	
9	33	-1372	264	86	0	36	79	65.5	132.6	22.5	0.0	198.1	3	

ASTA NUM. 30 NI 2431 NF 4938 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	998	202	-62	0	-26	61	47.6	99.7	17.2	0.0	147.3	3	
7	0	998	-101	-62	0	-26	-28	47.6	67.1	9.7	0.0	114.7	3	
8	0	-1373	-152	86	0	36	-43	65.5	96.6	13.3	0.0	162.1	3	
9	0	-1372	264	86	0	36	79	65.5	132.6	22.5	0.0	198.1	3	
2	16	998	198	-62	0	-16	93	47.6	117.3	16.9	0.0	164.9	3	
7	16	998	-104	-62	0	-16	-45	47.6	68.8	9.7	0.0	116.4	3	
8	16	-1373	-156	86	0	22	-68	65.5	101.1	13.3	0.0	166.6	3	
9	16	-1372	260	86	0	22	122	65.5	154.7	22.2	0.0	220.1	3	
2	33	998	195	-62	0	-6	125	47.6	134.3	16.6	0.0	182.0	3	
7	33	998	-108	-62	0	-6	-62	47.6	71.1	9.7	0.0	118.7	3	
8	33	-1373	-159	86	0	8	-94	65.5	106.1	13.6	0.0	171.6	3	
9	33	-1372	257	86	0	8	164	65.5	176.2	21.9	0.0	241.6	3	

ASTA NUM. 3 NI 4938 NF 2321 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2203	-267	-2468	0	-346	123	105.1	636.8	383.4	0.0	880.5	5	
7	0	-2204	-341	-2468	0	-346	-59	105.2	572.4	383.4	0.0	833.3	5	
8	0	3029	-487	3394	0	476	-89	144.5	795.6	527.3	0.0	1152.0	5	
9	0	3030	-386	3393	0	476	160	144.6	866.8	527.1	0.0	1204.1	5	
2	16	-2203	-270	-2468	0	56	79	105.1	162.6	383.4	0.0	689.3	1	
7	16	-2204	-344	-2468	0	56	-115	105.2	198.2	383.4	0.0	699.6	1	
8	16	3029	-491	3394	0	-77	-169	144.5	284.1	527.3	0.0	965.8	1	
9	16	3030	-390	3393	0	-77	97	144.6	211.9	527.1	0.0	944.6	1	
2	33	-2203	-274	-2468	0	458	35	105.1	714.8	383.4	0.0	934.1	5	
7	33	-2204	-348	-2468	0	458	-171	105.2	851.4	383.4	0.0	1043.0	5	
8	33	3029	-494	3394	0	-630	-249	144.5	1184.9	527.3	0.0	1445.7	5	
9	33	3030	-393	3393	0	-630	34	144.6	968.2	527.1	0.0	1273.1	5	

ASTA NUM. 31 NI 2321 NF 4637 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
 qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2225	428	2469	0	459	5	106.2	686.0	383.6	0.0	913.2	5	
7	0	-2224	369	2468	0	459	-197	106.1	878.9	383.4	0.0	1066.3	5	
8	0	3059	288	-3394	0	-631	-208	145.9	1145.2	527.3	0.0	1414.2	5	

9	0	3057	369	-3393	0	-631	70	145.8	1006.4	527.1	0.0	1303.7	5
2	16	-2225	425	2469	0	57	74	106.2	158.9	383.6	0.0	688.4	1
7	16	-2224	365	2468	0	57	-137	106.1	222.3	383.4	0.0	707.4	1
8	16	3059	284	-3394	0	-78	-161	145.9	278.0	527.3	0.0	963.6	1
9	16	3057	366	-3393	0	-78	129	145.8	246.2	527.1	0.0	953.7	1
2	33	-2225	421	2469	0	-345	143	106.2	655.6	383.6	0.0	896.0	5
7	33	-2224	362	2468	0	-345	-78	106.1	590.3	383.4	0.0	847.1	5
8	33	3059	281	-3394	0	474	-115	145.9	819.5	527.3	0.0	1170.2	5
9	33	3057	362	-3393	0	474	189	145.8	893.3	527.1	0.0	1225.0	5

ASTA NUM. 4 NI 4637 NF 4941 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1124	-394	93	0	2	145	53.6	149.0	33.7	0.0	202.7	3	
7	0	1124	295	93	0	2	-82	53.6	85.0	25.2	0.0	138.6	3	
8	0	-1546	415	-128	0	-3	-120	73.8	124.4	35.5	0.0	198.2	3	
9	0	-1545	-533	-128	0	-3	192	73.7	197.3	45.5	0.0	271.0	3	
2	33	1124	-401	93	0	-28	16	53.6	57.9	34.3	0.0	113.3	5	
7	33	1124	288	93	0	-28	13	53.6	55.5	24.6	0.0	109.1	3	
8	33	-1546	408	-128	0	39	14	73.8	72.3	34.9	0.0	146.5	5	
9	33	-1545	-540	-128	0	39	18	73.7	75.5	46.1	0.0	153.8	2	
2	65	1124	-408	93	0	-59	-116	53.6	203.6	34.9	0.0	257.2	3	
7	65	1124	281	93	0	-59	106	53.6	193.7	24.0	0.0	247.3	3	
8	65	-1546	401	-128	0	81	146	73.8	266.7	34.3	0.0	340.4	3	
9	65	-1545	-546	-128	0	81	-159	73.7	279.5	46.7	0.0	353.2	3	

ASTA NUM. 5 NI 4941 NF 4641 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1975	6	-6	0	-50	-113	94.2	188.2	0.9	0.0	282.4	3	
7	0	1973	5	-6	0	-50	103	94.1	178.4	0.9	0.0	272.5	3	
8	0	-2715	8	8	0	69	142	129.5	245.6	1.3	0.0	375.2	3	
9	0	-2713	10	8	0	69	-155	129.4	258.2	1.3	0.0	387.7	3	
2	33	1975	-1	-6	0	-49	-112	94.2	184.4	0.9	0.0	278.7	3	
7	33	1973	-2	-6	0	-48	104	94.1	176.0	0.9	0.0	270.1	3	
8	33	-2715	1	8	0	67	144	129.5	243.2	1.3	0.0	372.8	3	
9	33	-2713	3	8	0	67	-153	129.4	252.2	1.3	0.0	381.7	3	
2	65	1975	-8	-6	0	-47	-113	94.2	183.0	0.9	0.0	277.2	3	
7	65	1973	-9	-6	0	-47	102	94.1	171.4	0.9	0.0	265.5	3	
8	65	-2715	-6	8	0	64	143	129.5	238.5	1.3	0.0	368.1	3	
9	65	-2713	-4	8	0	64	-153	129.4	248.5	1.3	0.0	378.0	3	

ASTA NUM. 6 NI 4641 NF 4942 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	918	409	-106	0	-58	-117	43.8	202.6	34.9	0.0	246.4	3	
7	0	915	-271	-106	0	-58	105	43.6	190.7	23.2	0.0	234.4	3	
8	0	-1262	-403	145	0	79	147	60.2	265.3	34.4	0.0	325.6	3	
9	0	-1258	533	145	0	79	-157	60.0	275.5	45.5	0.0	335.5	3	
2	33	918	402	-106	0	-23	16	43.8	50.2	34.3	0.0	98.4	2	
7	33	915	-278	-106	0	-23	15	43.6	49.9	23.8	0.0	95.2	5	
8	33	-1262	-410	145	0	32	15	60.2	62.4	35.0	0.0	125.9	5	
9	33	-1258	526	145	0	32	15	60.0	62.6	44.9	0.0	132.7	2	
2	65	918	395	-106	0	11	145	43.8	162.3	33.7	0.0	206.1	3	
7	65	915	-285	-106	0	11	-77	43.6	93.3	24.4	0.0	136.9	3	
8	65	-1262	-417	145	0	-15	-120	60.2	142.9	35.6	0.0	203.1	3	
9	65	-1258	519	145	0	-15	185	60.0	208.5	44.3	0.0	268.5	3	

ASTA NUM. 7 NI 4942 NF 1572 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2647	-360	-2538	0	-347	143	126.3	658.1	394.3	0.0	922.9	5	
7	0	-2652	-358	-2538	0	-347	-73	126.5	587.9	394.3	0.0	870.8	5	
8	0	3639	-362	3489	0	477	-115	173.6	823.1	542.0	0.0	1207.5	5	
9	0	3645	-365	3490	0	477	182	173.9	889.8	542.2	0.0	1257.6	5	
2	16	-2647	-364	-2538	0	66	84	126.3	182.9	394.3	0.0	714.6	1	
7	16	-2652	-362	-2538	0	67	-132	126.5	230.9	394.3	0.0	730.2	1	
8	16	3639	-366	3489	0	-92	-174	173.6	310.9	542.0	0.0	1001.5	1	
9	16	3645	-369	3490	0	-92	122	173.9	258.1	542.2	0.0	984.7	1	
2	33	-2647	-367	-2538	0	480	24	126.3	736.5	394.3	0.0	976.3	5	
7	33	-2652	-365	-2538	0	480	-191	126.5	903.9	394.3	0.0	1111.1	5	
8	33	3639	-369	3489	0	-660	-234	173.6	1214.2	542.0	0.0	1503.6	5	
9	33	3645	-372	3490	0	-660	61	173.9	1041.2	542.2	0.0	1364.7	5	

ASTA NUM. 32 NI 1572 NF 4639 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2650	381	2530	0	480	20	126.4	732.1	393.1	0.0	971.9	5	
7	0	-2654	378	2530	0	480	-195	126.6	908.4	393.1	0.0	1114.0	5	
8	0	3644	349	-3478	0	-660	-228	173.9	1208.0	540.3	0.0	1497.4	5	
9	0	3649	354	-3479	0	-660	67	174.1	1047.4	540.5	0.0	1368.3	5	
2	16	-2650	378	2530	0	68	82	126.4	182.6	393.1	0.0	711.9	1	
7	16	-2654	374	2530	0	68	-134	126.6	235.2	393.1	0.0	729.0	1	
8	16	3644	346	-3478	0	-93	-171	173.9	310.5	540.3	0.0	997.7	1	
9	16	3649	351	-3479	0	-94	125	174.1	264.0	540.5	0.0	982.8	1	
2	33	-2650	374	2530	0	-344	143	126.4	654.0	393.1	0.0	919.0	5	
7	33	-2654	371	2530	0	-344	-73	126.6	583.9	393.1	0.0	867.0	5	
8	33	3644	342	-3478	0	473	-115	173.9	817.5	540.3	0.0	1202.2	5	
9	33	3649	347	-3479	0	473	182	174.1	884.1	540.5	0.0	1252.1	5	

ASTA NUM. 8 NI 4639 NF 4617 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	773	-395	97	0	12	145	36.9	163.3	33.7	0.0	200.2	3	
7	0	770	286	97	0	12	-77	36.7	94.5	24.4	0.0	131.2	3	
8	0	-1063	417	-134	0	-16	-120	50.7	144.2	35.6	0.0	194.9	3	
9	0	-1059	-519	-134	0	-16	185	50.5	210.1	44.3	0.0	260.7	3	
2	33	773	-402	97	0	-20	15	36.9	45.0	34.3	0.0	89.1	2	
7	33	770	279	97	0	-20	15	36.7	44.8	23.8	0.0	83.9	5	
8	33	-1063	410	-134	0	27	15	50.7	55.4	35.0	0.0	110.6	5	
9	33	-1059	-526	-134	0	27	15	50.5	55.4	44.9	0.0	119.7	2	
2	65	773	-409	97	0	-51	-117	36.9	193.4	34.9	0.0	230.3	3	
7	65	770	272	97	0	-51	105	36.7	181.8	23.2	0.0	218.5	3	
8	65	-1063	403	-134	0	71	147	50.7	252.8	34.4	0.0	303.5	3	
9	65	-1059	-533	-134	0	71	-158	50.5	263.1	45.5	0.0	313.6	3	

ASTA NUM. 9 NI 4617 NF 4635 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1683	7	-3	0	-42	-113	80.3	176.8	0.6	0.0	257.1	3	
7	0	1680	7	-3	0	-42	102	80.2	165.4	0.6	0.0	245.5	3	
8	0	-2314	7	4	0	58	143	110.4	230.2	0.6	0.0	340.6	3	
9	0	-2310	7	4	0	58	-153	110.2	240.2	0.6	0.0	350.5	3	
2	33	1683	0	-3	0	-42	-112	80.3	174.2	0.5	0.0	254.5	3	
7	33	1680	0	-3	0	-41	103	80.2	165.1	0.5	0.0	245.2	3	
8	33	-2314	-0	4	0	57	144	110.4	229.3	0.6	0.0	339.7	3	
9	33	-2310	-0	4	0	57	-152	110.2	237.2	0.6	0.0	347.4	3	
2	65	1683	-7	-3	0	-41	-113	80.3	173.9	0.6	0.0	254.2	3	

7	65	1680	-7	-3	0	-40	102	80.2	162.5	0.6	0.0	242.7	3
8	65	-2314	-7	4	0	56	143	110.4	226.2	0.6	0.0	336.6	3
9	65	-2310	-7	4	0	56	-153	110.2	236.4	0.6	0.0	346.6	3

ASTA NUM. 10 NI 4635 NF 4614 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	672	409	-103	0	-51	-117	32.1	192.7	34.9	0.0	224.7	3	
7	0	670	-272	-103	0	-51	105	32.0	181.0	23.2	0.0	213.0	3	
8	0	-924	-403	142	0	70	147	44.1	251.6	34.4	0.0	295.7	3	
9	0	-921	533	142	0	70	-158	43.9	262.0	45.5	0.0	306.0	3	
2	33	672	402	-103	0	-17	15	32.1	41.4	34.3	0.0	83.0	2	
7	33	670	-279	-103	0	-17	15	32.0	41.2	23.8	0.0	76.8	5	
8	33	-924	-410	142	0	24	15	44.1	50.4	35.0	0.0	100.9	5	
9	33	-921	526	142	0	24	15	43.9	50.5	44.9	0.0	111.2	2	
2	65	672	395	-103	0	16	145	32.1	169.8	33.7	0.0	201.8	3	
7	65	670	-286	-103	0	16	-77	32.0	100.9	24.4	0.0	132.8	3	
8	65	-924	-417	142	0	-22	-120	44.1	153.1	35.6	0.0	197.2	3	
9	65	-921	519	142	0	-22	185	43.9	219.0	44.3	0.0	262.9	3	

ASTA NUM. 11 NI 4614 NF 4505 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2851	-371	-2533	0	-341	143	136.0	649.1	393.5	0.0	923.5	5	
7	0	-2853	-368	-2533	0	-341	-73	136.1	578.9	393.5	0.0	871.2	5	
8	0	3919	-347	3483	0	468	-115	187.0	810.8	541.1	0.0	1208.3	5	
9	0	3922	-352	3483	0	468	182	187.1	877.4	541.1	0.0	1258.2	5	
2	16	-2851	-374	-2533	0	72	82	136.0	188.9	393.5	0.0	715.7	1	
7	16	-2853	-371	-2533	0	72	-133	136.1	240.3	393.5	0.0	733.0	1	
8	16	3919	-351	3483	0	-99	-172	187.0	319.0	541.1	0.0	1003.8	1	
9	16	3922	-355	3483	0	-99	124	187.1	271.0	541.1	0.0	987.6	1	
2	33	-2851	-378	-2533	0	484	21	136.0	739.8	393.5	0.0	985.9	5	
7	33	-2853	-375	-2533	0	484	-194	136.1	913.6	393.5	0.0	1126.6	5	
8	33	3919	-354	3483	0	-666	-229	187.0	1218.4	541.1	0.0	1517.4	5	
9	33	3922	-358	3483	0	-666	66	187.1	1054.6	541.1	0.0	1385.0	5	

ASTA NUM. 33 NI 4505 NF 4629 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2849	373	2529	0	484	23	135.9	741.4	392.9	0.0	986.6	5	
7	0	-2851	370	2529	0	484	-192	136.0	911.9	392.9	0.0	1124.6	5	
8	0	3917	361	-3477	0	-666	-232	186.9	1220.8	540.2	0.0	1518.7	5	
9	0	3920	365	-3477	0	-666	64	187.0	1052.2	540.2	0.0	1382.3	5	
2	16	-2849	369	2529	0	72	83	135.9	190.7	392.9	0.0	714.9	1	
7	16	-2851	366	2529	0	72	-132	136.0	240.3	392.9	0.0	731.7	1	
8	16	3917	358	-3477	0	-100	-173	186.9	321.5	540.2	0.0	1002.7	1	
9	16	3920	362	-3477	0	-100	123	187.0	271.1	540.2	0.0	985.7	1	
2	33	-2849	366	2529	0	-340	143	135.9	647.2	392.9	0.0	921.5	5	
7	33	-2851	363	2529	0	-340	-73	136.0	577.1	392.9	0.0	869.3	5	
8	33	3917	354	-3477	0	467	-115	186.9	808.3	540.2	0.0	1205.7	5	
9	33	3920	358	-3477	0	467	182	187.0	874.8	540.2	0.0	1255.4	5	

ASTA NUM. 12 NI 4629 NF 4611 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	608	-395	99	0	16	145	29.0	170.3	33.7	0.0	199.3	3	
7	0	606	286	99	0	16	-77	28.9	101.3	24.4	0.0	130.2	3	

8	0	-836	417	-136	0	-23	-120	39.9	153.9	35.6	0.0	193.7	3
9	0	-833	-519	-136	0	-23	185	39.8	219.5	44.3	0.0	259.2	3
2	33	608	-402	99	0	-16	16	29.0	39.1	34.3	0.0	79.4	2
7	33	606	279	99	0	-16	15	28.9	38.9	23.8	0.0	71.9	5
8	33	-836	410	-136	0	22	15	39.9	47.2	35.0	0.0	94.3	2
9	33	-833	-526	-136	0	22	15	39.8	47.3	44.9	0.0	106.1	2
2	65	608	-409	99	0	-48	-117	29.0	188.5	34.9	0.0	217.5	3
7	65	606	272	99	0	-48	105	28.9	176.9	23.2	0.0	205.8	3
8	65	-836	403	-136	0	66	147	39.9	245.9	34.4	0.0	285.8	3
9	65	-833	-533	-136	0	66	-158	39.8	256.4	45.5	0.0	296.1	3

ASTA NUM. 13 NI 4611 NF 4633 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1554	7	-1	0	-39	-113	74.1	171.2	0.6	0.0	245.3	3	
7	0	1553	7	-1	0	-39	102	74.1	159.8	0.6	0.0	233.8	3	
8	0	-2137	7	1	0	53	143	102.0	222.3	0.6	0.0	324.3	3	
9	0	-2135	7	1	0	53	-153	101.9	232.6	0.6	0.0	334.5	3	
2	33	1554	0	-1	0	-38	-112	74.1	169.6	0.1	0.0	243.7	3	
7	33	1553	0	-1	0	-38	103	74.1	160.6	0.1	0.0	234.7	3	
8	33	-2137	-0	1	0	53	144	102.0	222.9	0.2	0.0	324.9	3	
9	33	-2135	-0	1	0	53	-152	101.9	231.1	0.2	0.0	332.9	3	
2	65	1554	-7	-1	0	-38	-113	74.1	170.3	0.6	0.0	244.5	3	
7	65	1553	-7	-1	0	-38	102	74.1	159.1	0.6	0.0	233.2	3	
8	65	-2137	-7	1	0	52	143	102.0	221.2	0.6	0.0	323.2	3	
9	65	-2135	-7	1	0	52	-154	101.9	231.8	0.6	0.0	333.7	3	

ASTA NUM. 14 NI 4633 NF 4608 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	583	408	-101	0	-48	-116	27.8	188.2	34.9	0.0	216.0	3	
7	0	582	-272	-101	0	-48	105	27.8	176.8	23.3	0.0	204.6	3	
8	0	-801	-402	138	0	66	147	38.2	245.6	34.3	0.0	283.8	3	
9	0	-800	534	138	0	66	-158	38.2	256.3	45.6	0.0	294.5	3	
2	33	583	402	-101	0	-15	15	27.8	38.1	34.3	0.0	77.9	2	
7	33	582	-279	-101	0	-15	15	27.8	38.0	23.9	0.0	70.2	5	
8	33	-801	-409	138	0	21	15	38.2	46.1	34.9	0.0	92.0	2	
9	33	-800	527	138	0	21	15	38.2	46.1	45.0	0.0	104.3	2	
2	65	583	395	-101	0	18	145	27.8	171.6	33.7	0.0	199.4	3	
7	65	582	-286	-101	0	18	-77	27.8	103.1	24.4	0.0	130.8	3	
8	65	-801	-416	138	0	-24	-120	38.2	155.7	35.5	0.0	193.9	3	
9	65	-800	520	138	0	-24	186	38.2	222.0	44.4	0.0	260.1	3	

ASTA NUM. 15 NI 4608 NF 1433 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2897	-367	-2525	0	-338	143	138.2	644.7	392.3	0.0	921.0	5	
7	0	-2897	-364	-2524	0	-338	-73	138.2	574.9	392.1	0.0	868.8	5	
8	0	3982	-352	3471	0	465	-115	190.0	804.9	539.2	0.0	1204.8	5	
9	0	3983	-357	3470	0	465	182	190.0	872.0	539.1	0.0	1254.8	5	
2	16	-2897	-371	-2525	0	73	83	138.2	191.4	392.3	0.0	714.5	1	
7	16	-2897	-368	-2524	0	73	-133	138.2	241.9	392.1	0.0	731.4	1	
8	16	3982	-356	3471	0	-101	-173	190.0	322.4	539.2	0.0	1002.1	1	
9	16	3983	-360	3470	0	-101	123	190.0	273.2	539.1	0.0	985.1	1	
2	33	-2897	-374	-2525	0	484	22	138.2	740.8	392.3	0.0	987.6	5	
7	33	-2897	-371	-2524	0	484	-193	138.2	912.4	392.1	0.0	1126.5	5	
8	33	3982	-360	3471	0	-666	-231	190.0	1219.9	539.2	0.0	1519.9	5	
9	33	3983	-364	3470	0	-666	65	190.0	1053.0	539.1	0.0	1384.6	5	

ASTA NUM. 34 NI 1433 NF 4631 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2897	374	2525	0	484	22	138.2	740.9	392.3	0.0	987.6	5	
7	0	-2897	371	2524	0	484	-193	138.2	912.6	392.1	0.0	1126.6	5	
8	0	3982	360	-3471	0	-666	-231	190.0	1220.0	539.2	0.0	1520.1	5	
9	0	3983	363	-3470	0	-666	65	190.0	1053.1	539.1	0.0	1384.6	5	
2	16	-2897	370	2525	0	73	83	138.2	191.4	392.3	0.0	714.5	1	
7	16	-2897	368	2524	0	73	-133	138.2	242.0	392.1	0.0	731.4	1	
8	16	3982	356	-3471	0	-101	-173	190.0	322.6	539.2	0.0	1002.1	1	
9	16	3983	360	-3470	0	-101	123	190.0	273.3	539.1	0.0	985.1	1	
2	33	-2897	367	2525	0	-338	143	138.2	644.7	392.3	0.0	921.0	5	
7	33	-2897	364	2524	0	-338	-73	138.2	574.9	392.1	0.0	868.8	5	
8	33	3982	353	-3471	0	465	-115	190.0	804.7	539.2	0.0	1204.7	5	
9	33	3983	356	-3470	0	465	182	190.0	872.0	539.1	0.0	1254.8	5	

ASTA NUM. 16 NI 4631 NF 4605 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	583	-395	101	0	18	145	27.8	171.7	33.7	0.0	199.5	3	
7	0	582	286	101	0	18	-77	27.8	103.1	24.5	0.0	130.9	3	
8	0	-801	416	-138	0	-24	-120	38.2	155.8	35.5	0.0	194.0	3	
9	0	-800	-520	-138	0	-24	186	38.2	222.1	44.4	0.0	260.2	3	
2	33	583	-402	101	0	-15	15	27.8	38.2	34.3	0.0	77.9	2	
7	33	582	279	101	0	-15	15	27.8	38.0	23.9	0.0	70.2	5	
8	33	-801	409	-138	0	21	15	38.2	46.0	34.9	0.0	92.1	2	
9	33	-800	-527	-138	0	21	15	38.2	46.2	45.0	0.0	104.3	2	
2	65	583	-409	101	0	-48	-116	27.8	188.2	34.9	0.0	216.0	3	
7	65	582	272	101	0	-48	105	27.8	176.8	23.3	0.0	204.6	3	
8	65	-801	402	-138	0	66	147	38.2	245.6	34.3	0.0	283.8	3	
9	65	-800	-534	-138	0	66	-158	38.2	256.3	45.6	0.0	294.5	3	

ASTA NUM. 17 NI 4605 NF 4623 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1554	7	1	0	-38	-113	74.1	170.3	0.6	0.0	244.5	3	
7	0	1553	7	1	0	-38	102	74.1	159.1	0.6	0.0	233.2	3	
8	0	-2137	7	-1	0	52	143	102.0	221.1	0.6	0.0	323.1	3	
9	0	-2135	7	-1	0	52	-154	101.9	231.8	0.6	0.0	333.7	3	
2	33	1554	-0	1	0	-38	-112	74.1	169.6	0.1	0.0	243.7	3	
7	33	1553	-0	1	0	-38	103	74.1	160.6	0.1	0.0	234.7	3	
8	33	-2137	0	-1	0	53	144	102.0	222.9	0.2	0.0	324.8	3	
9	33	-2135	0	-1	0	53	-152	101.9	231.1	0.2	0.0	332.9	3	
2	65	1554	-7	1	0	-39	-113	74.1	171.2	0.6	0.0	245.3	3	
7	65	1553	-7	1	0	-39	102	74.1	159.8	0.6	0.0	233.9	3	
8	65	-2137	-7	-1	0	53	143	102.0	222.4	0.6	0.0	324.3	3	
9	65	-2135	-7	-1	0	53	-153	101.9	232.6	0.6	0.0	334.5	3	

ASTA NUM. 18 NI 4623 NF 4602 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	608	409	-99	0	-48	-117	29.0	188.5	34.9	0.0	217.5	3	
7	0	606	-272	-99	0	-48	105	28.9	176.9	23.2	0.0	205.8	3	
8	0	-836	-403	136	0	66	147	39.9	245.9	34.4	0.0	285.7	3	
9	0	-833	533	136	0	66	-158	39.8	256.4	45.5	0.0	296.1	3	
2	33	608	402	-99	0	-16	15	29.0	39.1	34.3	0.0	79.3	2	
7	33	606	-279	-99	0	-16	15	28.9	39.0	23.8	0.0	71.9	5	
8	33	-836	-410	136	0	22	15	39.9	47.2	35.0	0.0	94.3	2	
9	33	-833	526	136	0	22	15	39.8	47.3	44.9	0.0	106.0	2	

2	65	608	395	-99	0	16	145	29.0	170.2	33.7	0.0	199.2	3
7	65	606	-286	-99	0	16	-77	28.9	101.2	24.4	0.0	130.1	3
8	65	-836	-417	136	0	-23	-120	39.9	153.7	35.6	0.0	193.6	3
9	65	-833	519	136	0	-23	185	39.8	219.5	44.3	0.0	259.2	3

ASTA NUM. 19 NI 4602 NF 1425 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2849	-366	-2529	0	-340	143	135.9	647.2	392.9	0.0	921.5	5	
7	0	-2851	-363	-2529	0	-340	-73	136.0	577.0	392.9	0.0	869.2	5	
8	0	3917	-355	3476	0	467	-115	186.9	808.3	540.0	0.0	1205.5	5	
9	0	3920	-358	3476	0	467	181	187.0	874.7	540.0	0.0	1255.2	5	
2	16	-2849	-369	-2529	0	72	83	135.9	190.7	392.9	0.0	714.9	1	
7	16	-2851	-366	-2529	0	72	-132	136.0	240.3	392.9	0.0	731.7	1	
8	16	3917	-358	3476	0	-100	-173	186.9	321.5	540.0	0.0	1002.4	1	
9	16	3920	-362	3476	0	-100	123	187.0	271.0	540.0	0.0	985.5	1	
2	33	-2849	-372	-2529	0	484	23	135.9	741.4	392.9	0.0	986.6	5	
7	33	-2851	-370	-2529	0	484	-192	136.0	911.9	392.9	0.0	1124.6	5	
8	33	3917	-362	3476	0	-666	-232	186.9	1220.8	540.0	0.0	1518.6	5	
9	33	3920	-365	3476	0	-666	64	187.0	1052.1	540.0	0.0	1382.1	5	

ASTA NUM. 35 NI 1425 NF 4627 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2851	378	2534	0	484	21	136.0	739.8	393.7	0.0	986.1	5	
7	0	-2853	375	2534	0	484	-194	136.1	913.6	393.7	0.0	1126.7	5	
8	0	3919	354	-3483	0	-666	-229	187.0	1218.4	541.1	0.0	1517.4	5	
9	0	3922	358	-3483	0	-666	66	187.1	1054.6	541.1	0.0	1385.0	5	
2	16	-2851	375	2534	0	72	82	136.0	188.9	393.7	0.0	716.0	1	
7	16	-2853	371	2534	0	72	-133	136.1	240.2	393.7	0.0	733.3	1	
8	16	3919	351	-3483	0	-99	-172	187.0	319.0	541.1	0.0	1003.8	1	
9	16	3922	355	-3483	0	-99	124	187.1	271.0	541.1	0.0	987.7	1	
2	33	-2851	371	2534	0	-341	143	136.0	649.1	393.7	0.0	923.6	5	
7	33	-2853	368	2534	0	-341	-73	136.1	579.1	393.7	0.0	871.5	5	
8	33	3919	347	-3483	0	469	-115	187.0	811.1	541.1	0.0	1208.5	5	
9	33	3922	352	-3483	0	468	182	187.1	877.5	541.1	0.0	1258.2	5	

ASTA NUM. 20 NI 4627 NF 4599 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	672	-395	103	0	16	145	32.1	169.9	33.7	0.0	202.0	3	
7	0	670	286	103	0	16	-77	32.0	100.9	24.4	0.0	132.9	3	
8	0	-924	417	-142	0	-22	-120	44.1	153.3	35.6	0.0	197.4	3	
9	0	-921	-520	-142	0	-22	185	43.9	219.0	44.4	0.0	262.9	3	
2	33	672	-402	103	0	-17	16	32.1	41.4	34.3	0.0	83.0	2	
7	33	670	279	103	0	-17	15	32.0	41.2	23.8	0.0	76.8	5	
8	33	-924	410	-142	0	24	15	44.1	50.3	35.0	0.0	100.9	5	
9	33	-921	-526	-142	0	24	15	43.9	50.4	45.0	0.0	111.2	2	
2	65	672	-409	103	0	-51	-117	32.1	192.7	34.9	0.0	224.8	3	
7	65	670	272	103	0	-51	105	32.0	181.1	23.2	0.0	213.0	3	
8	65	-924	403	-142	0	70	147	44.1	251.7	34.4	0.0	295.7	3	
9	65	-921	-533	-142	0	70	-158	43.9	262.2	45.5	0.0	306.1	3	

ASTA NUM. 21 NI 4599 NF 4625 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1683	7	3	0	-41	-113	80.3	173.9	0.6	0.0	254.2	3	

7	0	1680	7	3	0	-40	102	80.2	162.5	0.6	0.0	242.7	3
8	0	-2313	7	-4	0	56	143	110.4	226.1	0.6	0.0	336.4	3
9	0	-2310	7	-4	0	56	-153	110.2	236.4	0.6	0.0	346.6	3
2	33	1683	-0	3	0	-42	-112	80.3	174.2	0.5	0.0	254.5	3
7	33	1680	-0	3	0	-41	103	80.2	165.1	0.5	0.0	245.2	3
8	33	-2313	0	-4	0	57	144	110.4	229.3	0.6	0.0	339.6	3
9	33	-2310	0	-4	0	57	-152	110.2	237.2	0.6	0.0	347.4	3
2	65	1683	-7	3	0	-42	-113	80.3	176.8	0.6	0.0	257.1	3
7	65	1680	-7	3	0	-42	102	80.2	165.4	0.6	0.0	245.5	3
8	65	-2313	-7	-4	0	58	143	110.4	230.2	0.6	0.0	340.5	3
9	65	-2310	-7	-4	0	58	-153	110.2	240.3	0.6	0.0	350.5	3

ASTA NUM. 22 NI 4625 NF 4596 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	773	409	-97	0	-51	-117	36.9	193.4	34.9	0.0	230.3	3	
7	0	770	-272	-97	0	-51	105	36.8	181.8	23.2	0.0	218.5	3	
8	0	-1063	-403	134	0	71	147	50.7	252.8	34.4	0.0	303.5	3	
9	0	-1059	533	134	0	71	-158	50.5	263.1	45.5	0.0	313.6	3	
2	33	773	402	-97	0	-20	15	36.9	45.0	34.3	0.0	89.1	2	
7	33	770	-279	-97	0	-20	15	36.8	44.8	23.8	0.0	83.9	5	
8	33	-1063	-410	134	0	27	15	50.7	55.4	35.0	0.0	110.6	5	
9	33	-1059	526	134	0	27	15	50.5	55.4	44.9	0.0	119.7	2	
2	65	773	395	-97	0	12	145	36.9	163.3	33.7	0.0	200.2	3	
7	65	770	-286	-97	0	12	-77	36.8	94.4	24.4	0.0	131.1	3	
8	65	-1063	-417	134	0	-16	-120	50.7	144.2	35.6	0.0	194.9	3	
9	65	-1059	519	134	0	-16	185	50.5	210.0	44.3	0.0	260.5	3	

ASTA NUM. 23 NI 4596 NF 1417 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2650	-374	-2529	0	-344	143	126.4	653.7	392.9	0.0	918.7	5	
7	0	-2654	-371	-2530	0	-344	-73	126.6	583.9	393.1	0.0	867.0	5	
8	0	3644	-343	3477	0	473	-115	173.9	817.5	540.2	0.0	1202.1	5	
9	0	3648	-347	3478	0	473	181	174.0	884.0	540.3	0.0	1251.9	5	
2	16	-2650	-378	-2529	0	68	81	126.4	182.7	392.9	0.0	711.7	1	
7	16	-2654	-375	-2530	0	68	-134	126.6	235.1	393.1	0.0	729.0	1	
8	16	3644	-346	3477	0	-93	-171	173.9	310.5	540.2	0.0	997.4	1	
9	16	3648	-350	3478	0	-94	125	174.0	263.9	540.3	0.0	982.5	1	
2	33	-2650	-381	-2529	0	480	20	126.4	732.2	392.9	0.0	971.8	5	
7	33	-2654	-378	-2530	0	480	-195	126.6	908.4	393.1	0.0	1114.0	5	
8	33	3644	-350	3477	0	-660	-228	173.9	1208.0	540.2	0.0	1497.3	5	
9	33	3648	-354	3478	0	-660	67	174.0	1047.3	540.3	0.0	1368.1	5	

ASTA NUM. 36 NI 1417 NF 4621 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2647	368	2538	0	480	24	126.3	736.5	394.3	0.0	976.3	5	
7	0	-2651	365	2539	0	480	-191	126.5	903.7	394.5	0.0	1111.0	5	
8	0	3639	369	-3489	0	-660	-234	173.6	1214.2	542.0	0.0	1503.6	5	
9	0	3644	372	-3490	0	-660	61	173.9	1041.2	542.2	0.0	1364.7	5	
2	16	-2647	364	2538	0	66	84	126.3	182.9	394.3	0.0	714.6	1	
7	16	-2651	362	2539	0	67	-132	126.5	230.9	394.5	0.0	730.5	1	
8	16	3639	365	-3489	0	-91	-175	173.6	310.8	542.0	0.0	1001.5	1	
9	16	3644	369	-3490	0	-92	122	173.9	258.1	542.2	0.0	984.7	1	
2	33	-2647	360	2538	0	-347	143	126.3	658.1	394.3	0.0	922.9	5	
7	33	-2651	358	2539	0	-347	-73	126.5	587.9	394.5	0.0	871.0	5	
8	33	3639	362	-3489	0	477	-115	173.6	823.3	542.0	0.0	1207.7	5	
9	33	3644	365	-3490	0	477	182	173.9	889.8	542.2	0.0	1257.5	5	

ASTA NUM. 24 NI 4621 NF 4593 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.

qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	918	-395	106	0	11	146	43.8	162.4	33.8	0.0	206.1	3	
7	0	916	286	106	0	11	-77	43.7	93.3	24.4	0.0	137.0	3	
8	0	-1261	417	-145	0	-15	-120	60.2	143.0	35.6	0.0	203.2	3	
9	0	-1259	-519	-145	0	-15	185	60.1	208.5	44.3	0.0	268.6	3	
2	33	918	-402	106	0	-23	16	43.8	50.3	34.3	0.0	98.4	2	
7	33	916	278	106	0	-23	15	43.7	49.9	23.8	0.0	95.2	5	
8	33	-1261	410	-145	0	32	15	60.2	62.3	35.0	0.0	125.9	5	
9	33	-1259	-526	-145	0	32	15	60.1	62.7	44.9	0.0	132.7	2	
2	65	918	-409	106	0	-58	-117	43.8	202.6	34.9	0.0	246.4	3	
7	65	916	272	106	0	-58	105	43.7	190.9	23.2	0.0	234.6	3	
8	65	-1261	403	-145	0	79	147	60.2	265.4	34.4	0.0	325.6	3	
9	65	-1259	-533	-145	0	79	-157	60.1	275.5	45.5	0.0	335.6	3	

ASTA NUM. 25 NI 4593 NF 4538 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1975	8	6	0	-47	-113	94.2	183.0	0.9	0.0	277.2	3	
7	0	1974	9	6	0	-47	102	94.2	171.4	0.9	0.0	265.6	3	
8	0	-2715	6	-8	0	64	143	129.5	238.6	1.3	0.0	368.1	3	
9	0	-2714	4	-8	0	64	-153	129.5	248.6	1.3	0.0	378.1	3	
2	33	1975	1	6	0	-49	-112	94.2	184.4	0.9	0.0	278.6	3	
7	33	1974	2	6	0	-49	104	94.2	176.1	0.9	0.0	270.2	3	
8	33	-2715	-1	-8	0	67	144	129.5	243.3	1.3	0.0	372.8	3	
9	33	-2714	-3	-8	0	67	-153	129.5	252.3	1.3	0.0	381.8	3	
2	65	1975	-6	6	0	-50	-113	94.2	188.1	0.9	0.0	282.3	3	
7	65	1974	-5	6	0	-50	103	94.2	178.5	0.9	0.0	272.6	3	
8	65	-2715	-8	-8	0	69	142	129.5	245.6	1.3	0.0	375.2	3	
9	65	-2714	-10	-8	0	69	-155	129.5	258.3	1.3	0.0	387.8	3	

ASTA NUM. 26 NI 4538 NF 4591 Lungh. 65.1 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1124	408	-93	0	-59	-116	53.6	203.6	34.8	0.0	257.2	3	
7	0	1124	-281	-93	0	-59	106	53.6	193.8	24.0	0.0	247.4	3	
8	0	-1545	-401	128	0	81	146	73.7	266.7	34.2	0.0	340.4	3	
9	0	-1546	546	128	0	81	-159	73.8	279.6	46.6	0.0	353.4	3	
2	33	1124	401	-93	0	-28	16	53.6	57.8	34.2	0.0	113.2	5	
7	33	1124	-288	-93	0	-28	14	53.6	55.6	24.6	0.0	109.3	3	
8	33	-1545	-408	128	0	39	15	73.7	72.4	34.8	0.0	146.6	5	
9	33	-1546	539	128	0	39	18	73.8	75.4	46.0	0.0	153.8	2	
2	65	1124	394	-93	0	2	145	53.6	148.8	33.6	0.0	202.4	3	
7	65	1124	-295	-93	0	2	-81	53.6	84.8	25.2	0.0	138.4	3	
8	65	-1545	-415	128	0	-3	-119	73.7	124.1	35.4	0.0	197.8	3	
9	65	-1546	532	128	0	-3	192	73.8	197.0	45.4	0.0	270.8	3	

ASTA NUM. 27 NI 4591 NF 1409 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2225	-421	-2469	0	-345	143	106.2	655.7	383.6	0.0	896.1	5	
7	0	-2224	-362	-2468	0	-345	-78	106.1	590.5	383.4	0.0	847.3	5	
8	0	3059	-281	3394	0	474	-115	145.9	819.7	527.3	0.0	1170.4	5	
9	0	3058	-362	3393	0	474	189	145.9	893.5	527.1	0.0	1225.3	5	
2	16	-2225	-425	-2469	0	57	74	106.2	159.0	383.6	0.0	688.5	1	
7	16	-2224	-366	-2468	0	57	-137	106.1	222.4	383.4	0.0	707.5	1	
8	16	3059	-284	3394	0	-78	-161	145.9	278.0	527.3	0.0	963.7	1	
9	16	3058	-365	3393	0	-78	130	145.9	246.3	527.1	0.0	953.8	1	

2	33	-2225	-428	-2469	0	459	5	106.2	686.1	383.6	0.0	913.3	5
7	33	-2224	-369	-2468	0	459	-197	106.1	879.3	383.4	0.0	1066.6	5
8	33	3059	-288	3394	0	-631	-208	145.9	1145.4	527.3	0.0	1414.4	5
9	33	3058	-369	3393	0	-631	70	145.9	1006.7	527.1	0.0	1303.9	5

ASTA NUM. 37 NI 1409 NF 4535 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm		kg			kg*m				kg/cmq				
2	0	-2203	274	2469	0	458	35	105.1	714.8	383.6	0.0	934.3	5	
7	0	-2204	347	2468	0	458	-171	105.2	851.3	383.4	0.0	1042.9	5	
8	0	3029	494	-3394	0	-630	-249	144.5	1184.9	527.3	0.0	1445.7	5	
9	0	3030	394	-3393	0	-630	33	144.6	968.0	527.1	0.0	1272.9	5	
2	16	-2203	270	2469	0	56	79	105.1	162.6	383.6	0.0	689.5	1	
7	16	-2204	344	2468	0	56	-115	105.2	198.2	383.4	0.0	699.6	1	
8	16	3029	491	-3394	0	-77	-169	144.5	284.1	527.3	0.0	965.8	1	
9	16	3030	390	-3393	0	-77	97	144.6	211.9	527.1	0.0	944.5	1	
2	33	-2203	267	2469	0	-346	123	105.1	636.8	383.6	0.0	880.7	5	
7	33	-2204	340	2468	0	-346	-59	105.2	572.5	383.4	0.0	833.3	5	
8	33	3029	487	-3394	0	476	-89	144.5	795.6	527.3	0.0	1152.1	5	
9	33	3030	387	-3393	0	476	160	144.6	866.7	527.1	0.0	1204.0	5	

ASTA NUM. 28 NI 4535 NF 4592 Lungh. 65.2 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm		kg			kg*m				kg/cmq				
2	0	998	-195	62	0	-6	125	47.6	134.3	16.6	0.0	182.0	3	
7	0	998	108	63	0	-6	-62	47.6	71.0	9.7	0.0	118.6	3	
8	0	-1372	159	-86	0	8	-94	65.5	106.2	13.6	0.0	171.6	3	
9	0	-1373	-257	-86	0	8	164	65.5	176.2	21.9	0.0	241.7	3	
2	33	998	-202	62	0	-26	61	47.6	99.7	17.2	0.0	147.3	3	
7	33	998	101	63	0	-26	-28	47.6	67.1	9.7	0.0	114.7	3	
8	33	-1372	152	-86	0	36	-43	65.5	96.6	13.3	0.0	162.1	3	
9	33	-1373	-264	-86	0	36	79	65.5	132.7	22.5	0.0	198.2	3	
2	65	998	-209	62	0	-46	-6	47.6	75.0	17.8	0.0	122.6	3	
7	65	998	94	63	0	-46	4	47.6	72.5	9.7	0.0	120.1	3	
8	65	-1372	146	-86	0	64	5	65.5	100.0	13.3	0.0	165.4	3	
9	65	-1373	-271	-86	0	64	-8	65.5	102.8	23.1	0.0	168.3	3	

ASTA NUM. 29 NI 4592 NF 2447 Lungh. 32.6 cm SEZ. 13 Rc B= 0.090 H= 0.180 s= 0.004 t= 0.004 m

categoria: p.p. y qy tot.
qy medio: 16.45 16.45 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm		kg			kg*m				kg/cmq				
2	0	0	7	0	0	0	-1	0.0	1.1	0.6	0.0	1.2	5	
7	0	0	7	0	0	0	-1	0.0	1.1	0.6	0.0	1.2	5	
8	0	-0	7	-0	0	0	-1	0.0	1.1	0.6	0.0	1.2	5	
9	0	-0	7	0	0	0	-1	0.0	1.1	0.6	0.0	1.2	5	
2	16	0	3	0	0	0	-0	0.0	0.3	0.3	0.0	0.5	2	
7	16	0	3	0	0	0	-0	0.0	0.3	0.3	0.0	0.5	2	
8	16	-0	3	-0	0	0	-0	0.0	0.3	0.3	0.0	0.5	2	
9	16	-0	3	0	0	0	-0	0.0	0.3	0.3	0.0	0.5	2	
2	33	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	1	
7	33	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	1	
8	33	-0	0	-0	0	0	0	0.0	0.0	0.0	0.0	0.0	1	
9	33	-0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	1	

Lavoro: **SOSTEGNO TRACKER** Intestazione lavoro: **SOSTEGNI TRACKER GROTTAGLIE**
 Elemento: **TRAVE** Metodo di verifica: **Stati limite**
 Gruppo: **12** Descrizione: **SOSTEGNO MODULO SCHEMA 90 GRADI**
 Tabella: **Tabella travi** Struttura: **Nuova**
 Tipo acciaio: **S 235**

ASTA NUM. 447 NI 4980 NF 4788 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-14	-1	-0	0	-0	0	4.7	0.4	0.4	0.0	5.1	3
7	0	-9	0	-0	0	-0	-0	2.9	1.3	0.1	0.0	4.3	3
8	0	19	1	0	0	0	-0	6.2	0.5	0.5	0.0	6.7	3
9	0	11	-0	0	0	0	0	3.7	1.9	0.1	0.0	5.6	3
2	14	-14	-1	-0	0	0	-0	4.6	1.5	0.4	0.0	6.1	3
7	14	-9	0	-0	0	0	-0	2.8	1.1	0.1	0.0	3.9	3
8	14	19	1	0	0	-0	0	6.3	2.1	0.5	0.0	8.4	3
9	14	12	-0	0	0	-0	0	3.9	1.5	0.1	0.0	5.4	3
2	27	-13	-1	-0	0	0	-0	4.4	3.5	0.4	0.0	7.9	3
7	27	-8	0	-0	0	0	-0	2.7	0.8	0.1	0.0	3.4	3
8	27	20	1	0	0	-0	0	6.4	4.8	0.5	0.0	11.2	3
9	27	12	-0	0	0	-0	0	4.0	1.0	0.1	0.0	5.1	3

ASTA NUM. 11 NI 4788 NF 4787 Lungh. 37.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-18	-1	0	0	0	0	6.1	0.9	0.4	0.0	7.0	3	
7	0	-1	0	0	0	0	0	0.4	0.2	0.0	0.0	0.6	2	
8	0	25	1	-0	0	-0	-0	8.2	1.2	0.6	0.0	9.4	3	
9	0	1	-0	-0	0	-0	0	0.4	0.6	0.0	0.0	1.0	3	
2	19	-18	-1	0	0	0	-0	6.0	2.0	0.4	0.0	7.9	3	
7	19	-1	0	0	0	0	0	0.3	0.2	0.0	0.0	0.5	2	
8	19	25	1	-0	0	-0	0	8.3	2.7	0.6	0.0	11.0	3	
9	19	1	-0	-0	0	-0	0	0.5	0.3	0.0	0.0	0.8	2	
2	37	-18	-1	0	0	-0	-0	5.9	4.8	0.4	0.0	10.7	3	
7	37	-1	0	0	0	0	0	0.3	0.2	0.0	0.0	0.5	2	
8	37	25	1	-0	0	0	0	8.3	6.6	0.6	0.0	15.0	3	
9	37	2	-0	-0	0	-0	0	0.5	0.3	0.0	0.0	0.8	2	

ASTA NUM. 9 NI 4787 NF 4789 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-278	-4	0	0	-0	-0	91.5	4.4	2.6	0.0	95.9	3	
7	0	-4	-0	0	0	0	0	1.3	0.2	0.0	0.0	1.5	2	
8	0	382	5	-0	0	0	0	125.7	6.0	3.6	0.0	131.7	3	
9	0	5	0	-0	0	-0	0	1.7	0.3	0.0	0.0	1.9	2	
2	27	-278	-4	0	0	-0	-1	91.5	30.8	2.6	0.0	122.2	3	
7	27	-4	-0	0	0	0	-0	1.2	0.5	0.0	0.0	1.8	3	
8	27	382	5	-0	0	0	2	125.8	42.3	3.6	0.0	168.1	3	
9	27	5	0	-0	0	-0	0	1.7	0.7	0.0	0.0	2.5	3	
2	55	-278	-4	0	0	-0	-2	91.4	57.2	2.6	0.0	148.5	3	
7	55	-3	-0	0	0	0	-0	1.1	0.7	0.0	0.0	1.9	3	
8	55	383	5	-0	0	0	3	125.9	78.6	3.6	0.0	204.5	3	
9	55	6	0	-0	0	-0	0	1.8	1.0	0.0	0.0	2.9	3	

ASTA NUM. 10 NI 4789 NF 4784 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-706	-3	-0	0	-0	-2	232.3	54.9	2.3	0.0	287.1	3	
7	0	-21	-0	0	0	0	0	7.0	0.5	0.3	0.0	7.5	3	
8	0	970	4	0	0	0	3	319.1	75.5	3.1	0.0	394.6	3	
9	0	29	0	-0	0	-0	-0	9.5	0.6	0.4	0.0	10.1	3	
2	27	-706	-3	-0	0	-0	-3	232.2	77.6	2.3	0.0	309.8	3	
7	27	-21	-0	0	0	-0	-0	6.9	2.7	0.3	0.0	9.6	3	
8	27	970	4	0	0	0	4	319.2	106.7	3.1	0.0	425.9	3	
9	27	29	0	-0	0	0	0	9.6	3.7	0.4	0.0	13.3	3	
2	55	-706	-3	-0	0	0	-4	232.1	100.6	2.3	0.0	332.7	3	
7	55	-21	-0	0	0	-0	-0	6.9	5.8	0.3	0.0	12.7	3	
8	55	971	4	0	0	-0	5	319.3	138.3	3.1	0.0	457.6	3	
9	55	29	0	-0	0	0	0	9.7	8.0	0.4	0.0	17.7	3	

ASTA NUM. 12 NI 4784 NF 4785 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-911	-4	1	0	0	-3	299.6	95.3	2.6	0.0	394.8	3
7	0	-69	-0	-1	0	-0	-0	22.7	8.0	1.0	0.0	30.7	3
8	0	1252	5	-2	0	-0	5	411.8	131.0	3.6	0.0	542.8	3
9	0	95	0	2	0	0	0	31.1	11.0	1.5	0.0	42.1	3
2	5	-911	-4	1	0	-0	-4	299.6	101.4	2.6	0.0	400.9	3
7	5	-69	-0	-1	0	0	-0	22.7	8.6	1.0	0.0	31.3	3
8	5	1252	5	-2	0	0	5	411.8	139.2	3.6	0.0	551.1	3
9	5	95	0	2	0	-0	0	31.1	12.0	1.5	0.0	43.1	3
2	10	-911	-4	1	0	-0	-4	299.5	107.8	2.6	0.0	407.3	3
7	10	-69	-0	-1	0	0	-0	22.7	10.8	1.0	0.0	33.5	3
8	10	1252	5	-2	0	0	5	411.8	147.9	3.6	0.0	559.7	3
9	10	95	0	2	0	-0	0	31.2	15.2	1.5	0.0	46.3	3

ASTA NUM. 2 NI 4785 NF 4642 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-961	-1	-3	0	-0	-4	316.2	104.7	2.1	0.0	420.9	3	
7	0	-145	-2	3	0	0	-0	47.6	12.2	2.2	0.0	59.8	3	
8	0	1321	1	4	0	0	5	434.5	143.6	2.7	0.0	578.1	3	
9	0	198	2	-4	0	-0	0	65.2	17.1	3.2	0.0	82.2	3	
2	14	-961	-1	-3	0	0	-4	316.1	112.9	2.1	0.0	429.1	3	
7	14	-145	-2	3	0	-0	-1	47.6	24.0	2.2	0.0	71.6	3	
8	14	1321	1	4	0	-0	5	434.5	154.8	2.7	0.0	589.3	3	
9	14	198	2	-4	0	0	1	65.2	33.3	3.2	0.0	98.5	3	
2	27	-961	-1	-3	0	1	-4	316.1	127.3	2.1	0.0	443.4	3	
7	27	-144	-2	3	0	-1	-1	47.5	41.7	2.2	0.0	89.3	3	
8	27	1321	1	4	0	-1	6	434.5	173.9	2.7	0.0	608.4	3	
9	27	198	2	-4	0	1	1	65.3	58.4	3.2	0.0	123.6	3	

ASTA NUM. 1 NI 4642 NF 4643 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-884	2	11	0	1	-4	290.9	122.2	8.1	0.0	413.1	3	
7	0	-342	-3	-12	0	-1	-1	112.3	44.6	8.5	0.0	156.9	3	
8	0	1213	-3	-14	0	-1	5	399.0	166.9	10.6	0.0	565.9	3	
9	0	466	4	17	0	1	1	153.4	62.5	12.3	0.0	215.9	3	
2	14	-884	2	11	0	-1	-4	290.8	120.1	8.1	0.0	410.9	3	
7	14	-341	-3	-12	0	1	-1	112.3	61.0	8.5	0.0	173.3	3	
8	14	1213	-3	-14	0	1	5	399.0	162.9	10.6	0.0	561.9	3	
9	14	467	4	17	0	-1	2	153.5	85.6	12.3	0.0	239.0	3	
2	27	-884	2	11	0	-2	-3	290.8	154.0	8.1	0.0	444.8	3	
7	27	-341	-3	-12	0	2	-2	112.2	116.1	8.5	0.0	228.3	3	
8	27	1213	-3	-14	0	3	5	399.0	206.2	10.6	0.0	605.2	3	
9	27	467	4	17	0	-4	2	153.5	164.0	12.3	0.0	317.5	3	

ASTA NUM. 289 NI 4643 NF 4937 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-341	3	12	0	3	-2	112.1	119.6	9.0	0.0	231.7	3	
7	0	-883	-2	-10	0	-2	-3	290.6	149.7	7.7	0.0	440.3	3	
8	0	471	-4	-16	0	-3	2	154.9	160.0	11.7	0.0	314.9	3	
9	0	1217	3	15	0	3	5	400.3	211.4	11.1	0.0	611.7	3	
2	14	-341	3	12	0	1	-1	112.1	62.5	9.0	0.0	174.6	3	
7	14	-883	-2	-10	0	-1	-4	290.5	118.5	7.7	0.0	409.0	3	
8	14	471	-4	-16	0	-1	2	155.0	84.3	11.7	0.0	239.2	3	
9	14	1217	3	15	0	1	5	400.3	165.1	11.1	0.0	565.4	3	
2	27	-340	3	12	0	-1	-1	112.0	45.7	9.0	0.0	157.7	3	
7	27	-883	-2	-10	0	1	-4	290.5	121.6	7.7	0.0	412.1	3	
8	27	471	-4	-16	0	1	1	155.0	61.7	11.7	0.0	216.7	3	
9	27	1217	3	15	0	-1	5	400.3	168.2	11.1	0.0	568.6	3	

ASTA NUM. 6 NI 4937 NF 4934 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-147	2	-3	0	-1	-1	48.4	42.7	2.3	0.0	91.1	3	
7	0	-963	1	3	0	1	-4	316.9	126.7	2.0	0.0	443.6	3	
8	0	202	-2	4	0	1	1	66.5	57.8	3.0	0.0	124.3	3	

9	0	1325	-1	-4	0	-1	6	435.9	175.4	2.9	0.0	611.2	3
2	14	-147	2	-3	0	-0	-1	48.3	24.5	2.3	0.0	72.8	3
7	14	-963	1	3	0	0	-4	316.8	112.9	2.0	0.0	429.7	3
8	14	202	-2	4	0	0	1	66.6	33.4	3.0	0.0	100.0	3
9	14	1325	-1	-4	0	-0	5	435.9	155.6	2.9	0.0	591.5	3
2	27	-147	2	-3	0	0	-0	48.3	12.7	2.3	0.0	61.0	3
7	27	-963	1	3	0	0	-4	316.8	104.7	2.0	0.0	421.5	3
8	27	202	-2	4	0	-0	0	66.6	17.2	3.0	0.0	83.8	3
9	27	1325	-1	-4	0	0	5	435.9	144.3	2.9	0.0	580.2	3

ASTA NUM. 5 NI 4934 NF 4931 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-72	0	1	0	0	-0	23.6	11.4	1.1	0.0	35.0	3			
7	0	-914	4	-1	0	-0	-4	300.5	107.9	2.6	0.0	408.4	3			
8	0	99	-0	-2	0	-0	0	32.4	15.3	1.4	0.0	47.8	3			
9	0	1256	-5	2	0	0	5	413.2	148.6	3.6	0.0	561.7	3			
2	5	-72	0	1	0	0	-0	23.6	9.0	1.1	0.0	32.6	3			
7	5	-913	4	-1	0	-0	-4	300.5	101.6	2.6	0.0	402.0	3			
8	5	99	-0	-2	0	-0	0	32.5	12.3	1.4	0.0	44.7	3			
9	5	1256	-5	2	0	0	5	413.2	139.8	3.6	0.0	553.0	3			
2	10	-72	0	1	0	-0	-0	23.6	8.3	1.1	0.0	31.9	3			
7	10	-913	4	-1	0	0	-4	300.5	95.5	2.6	0.0	396.0	3			
8	10	99	-0	-2	0	0	0	32.5	11.4	1.4	0.0	43.9	3			
9	10	1256	-5	2	0	-0	5	413.2	131.4	3.6	0.0	544.6	3			

ASTA NUM. 8 NI 4931 NF 4932 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-24	0	-0	0	-0	-0	7.9	6.1	0.3	0.0	14.0	3			
7	0	-709	3	0	0	0	-4	233.1	100.9	2.3	0.0	334.0	3			
8	0	32	-1	0	0	0	0	10.6	8.4	0.4	0.0	19.0	3			
9	0	974	-4	-0	0	-0	5	320.2	138.8	3.1	0.0	459.0	3			
2	27	-24	0	-0	0	-0	-0	7.8	3.0	0.3	0.0	10.8	3			
7	27	-708	3	0	0	-0	-3	233.0	77.9	2.3	0.0	310.9	3			
8	27	33	-1	0	0	0	0	10.7	4.1	0.4	0.0	14.8	3			
9	27	974	-4	-0	0	0	4	320.3	107.1	3.1	0.0	427.4	3			
2	55	-23	0	-0	0	0	0	7.7	0.0	0.3	0.0	7.8	2			
7	55	-708	3	0	0	-0	-2	232.9	55.1	2.3	0.0	288.1	3			
8	55	33	-1	0	0	-0	0	10.8	0.0	0.4	0.0	10.9	2			
9	55	974	-4	-0	0	0	3	320.4	75.8	3.1	0.0	396.2	3			

ASTA NUM. 7 NI 4932 NF 4933 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-6	0	-0	0	0	-0	1.9	1.0	0.0	0.0	2.9	3			
7	0	-280	4	-0	0	-0	-2	92.1	57.4	2.6	0.0	149.5	3			
8	0	7	-0	0	0	-0	0	2.3	1.3	0.0	0.0	3.7	3			
9	0	384	-5	0	0	0	3	126.4	78.9	3.6	0.0	205.2	3			
2	27	-5	0	-0	0	0	-0	1.8	0.7	0.0	0.0	2.5	3			
7	27	-280	4	-0	0	-0	-1	92.0	31.0	2.6	0.0	123.0	3			
8	27	7	-0	0	0	-0	0	2.4	1.0	0.0	0.0	3.4	3			
9	27	384	-5	0	0	0	2	126.5	42.6	3.6	0.0	169.0	3			
2	55	-5	0	-0	0	0	0	1.7	0.2	0.0	0.0	1.9	2			
7	55	-280	4	-0	0	-0	-0	91.9	4.6	2.6	0.0	96.5	3			
8	55	8	-0	0	0	-0	0	2.5	0.7	0.0	0.0	3.2	3			
9	55	385	-5	0	0	0	0	126.6	6.3	3.6	0.0	132.8	3			

ASTA NUM. 4 NI 4933 NF 4935 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-2	0	0	0	0	0	0.5	0.2	0.0	0.0	0.8	2			
7	0	-38	2	-0	0	-0	-0	12.5	7.0	1.5	0.0	19.5	3			
8	0	2	-0	-0	0	-0	0	0.7	0.7	0.1	0.0	1.3	3			
9	0	52	-3	0	0	0	0	17.1	9.6	2.0	0.0	26.6	3			
2	5	-2	0	0	0	0	0	0.5	0.2	0.0	0.0	0.7	2			

7	5	-38	2	-0	0	-0	-0	12.5	4.1	1.5	0.0	16.6	3
8	5	2	-0	-0	0	-0	0	0.7	0.2	0.1	0.0	0.9	2
9	5	52	-3	0	0	0	0	17.1	5.7	2.0	0.0	22.7	3
2	10	-2	0	0	0	0	0	0.5	0.1	0.0	0.0	0.6	2
7	10	-38	2	-0	0	0	-0	12.4	1.5	1.5	0.0	13.9	3
8	10	2	-0	-0	0	-0	0	0.7	0.1	0.1	0.0	0.8	2
9	10	52	-3	0	0	-0	0	17.1	2.0	2.0	0.0	19.1	3

ASTA NUM. 3 NI 4935 NF 4936 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2	-0	-0	0	0	0	0.7	0.1	0.0	0.0	0.8	2	
7	0	-12	0	0	0	0	-0	4.0	2.7	0.3	0.0	6.7	3	
8	0	2	0	0	0	-0	0	0.8	0.1	0.0	0.0	0.9	2	
9	0	16	-0	-0	0	-0	0	5.4	3.7	0.4	0.0	9.1	3	
2	14	-2	-0	-0	0	0	0	0.6	0.2	0.0	0.0	0.8	2	
7	14	-12	0	0	0	0	-0	4.0	1.3	0.3	0.0	5.3	3	
8	14	3	0	0	0	-0	0	0.8	0.5	0.0	0.0	1.4	3	
9	14	17	-0	-0	0	-0	0	5.4	1.8	0.4	0.0	7.3	3	
2	27	-2	-0	-0	0	0	0	0.6	0.3	0.0	0.0	0.9	2	
7	27	-12	0	0	0	-0	0	3.9	0.0	0.3	0.0	4.0	2	
8	27	3	0	0	0	-0	0	0.9	0.7	0.0	0.0	1.6	3	
9	27	17	-0	-0	0	0	0	5.5	0.0	0.4	0.0	5.5	2	

ASTA NUM. 392 NI 4936 NF 4981 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	-0	0	0	0	-0	3.0	1.0	0.1	0.0	4.0	3	
7	0	-14	1	-0	0	-0	-0	4.8	3.5	0.4	0.0	8.3	3	
8	0	12	0	-0	0	-0	0	3.8	1.4	0.1	0.0	5.2	3	
9	0	19	-1	0	0	0	0	6.2	4.9	0.5	0.0	11.0	3	
2	14	-9	-0	0	0	0	-0	2.9	1.1	0.1	0.0	4.0	3	
7	14	-14	1	-0	0	-0	-0	4.6	1.5	0.4	0.0	6.1	3	
8	14	12	0	-0	0	-0	0	3.9	1.5	0.1	0.0	5.5	3	
9	14	19	-1	0	0	0	0	6.3	2.1	0.5	0.0	8.4	3	
2	27	-8	-0	0	0	0	-0	2.8	1.3	0.1	0.0	4.0	1	
7	27	-14	1	-0	0	0	0	4.5	0.5	0.4	0.0	4.9	1	
8	27	12	0	-0	0	0	0	4.1	1.7	0.1	0.0	5.8	1	
9	27	20	-1	0	0	0	-0	6.4	0.7	0.5	0.0	7.1	1	

ASTA NUM. 441 NI 4979 NF 4782 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	5	0	0	0	0	-0	1.6	1.0	0.3	0.0	2.6	3	
7	0	-33	-0	-0	0	-0	-0	11.0	2.3	0.3	0.0	13.3	3	
8	0	-8	-1	-0	0	-0	0	2.5	1.4	0.4	0.0	3.9	3	
9	0	45	0	0	0	0	0	14.7	3.3	0.4	0.0	18.0	3	
2	14	5	0	0	0	-0	0	1.7	0.7	0.3	0.0	2.5	3	
7	14	-33	-0	-0	0	0	-0	10.8	3.7	0.3	0.0	14.5	3	
8	14	-7	-1	-0	0	0	-0	2.4	1.0	0.4	0.0	3.4	3	
9	14	45	0	0	0	-0	0	14.9	5.1	0.4	0.0	20.0	3	
2	27	6	0	0	0	-0	0	1.9	2.5	0.3	0.0	4.3	3	
7	27	-32	-0	-0	0	0	-0	10.7	5.1	0.3	0.0	15.8	3	
8	27	-7	-1	-0	0	0	-0	2.2	3.4	0.4	0.0	5.6	3	
9	27	46	0	0	0	-0	0	15.0	7.0	0.4	0.0	22.0	3	

ASTA NUM. 15 NI 4782 NF 4783 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	7	0	-0	0	-0	0	2.3	0.3	0.1	0.0	2.6	2	
7	0	-16	-0	0	0	0	-0	5.1	1.4	0.1	0.0	6.5	3	
8	0	-10	-0	0	0	0	0	3.3	0.4	0.2	0.0	3.7	2	
9	0	21	0	-0	0	-0	0	6.9	1.9	0.1	0.0	8.8	3	
2	14	7	0	-0	0	-0	0	2.4	0.9	0.1	0.0	3.3	3	
7	14	-15	-0	0	0	0	-0	5.0	1.8	0.1	0.0	6.8	3	
8	14	-10	-0	0	0	0	-0	3.2	1.3	0.2	0.0	4.5	3	
9	14	21	0	-0	0	-0	0	6.9	2.4	0.1	0.0	9.4	3	

2	27	7	0	-0	0	0	0	2.4	1.5	0.1	0.0	3.9	3
7	27	-15	-0	0	0	0	-0	5.0	2.1	0.1	0.0	7.1	3
8	27	-10	-0	0	0	0	-0	3.2	2.1	0.2	0.0	5.2	3
9	27	21	0	-0	0	0	0	7.0	2.9	0.1	0.0	9.9	3

ASTA NUM. 14 NI 4783 NF 4779 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	-0	0	0	0	0	1.3	0.0	0.2	0.0	1.4	2	
7	0	-18	-0	-0	0	0	-0	5.8	1.3	0.3	0.0	7.1	3	
8	0	5	0	-0	0	-0	0	1.8	0.0	0.2	0.0	1.9	2	
9	0	24	1	0	0	-0	0	7.9	1.9	0.4	0.0	9.8	3	
2	5	-4	-0	0	0	-0	-0	1.3	0.5	0.2	0.0	1.8	3	
7	5	-18	-0	-0	0	0	-0	5.8	2.0	0.3	0.0	7.8	3	
8	5	5	0	-0	0	0	0	1.8	0.7	0.2	0.0	2.5	3	
9	5	24	1	0	0	-0	0	7.9	2.8	0.4	0.0	10.7	3	
2	10	-4	-0	0	0	-0	-0	1.3	1.0	0.2	0.0	2.3	3	
7	10	-17	-0	-0	0	0	-0	5.7	2.7	0.3	0.0	8.4	3	
8	10	6	0	-0	0	0	0	1.8	1.4	0.2	0.0	3.2	3	
9	10	24	1	0	0	-0	0	7.9	3.7	0.4	0.0	11.6	3	

ASTA NUM. 17 NI 4779 NF 4780 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-240	-3	0	0	-0	-0	79.1	4.1	2.2	0.0	83.2	3	
7	0	-15	-0	0	0	0	-0	4.8	1.4	0.0	0.0	6.2	3	
8	0	330	4	-0	0	0	0	108.5	5.7	3.1	0.0	114.2	3	
9	0	20	0	-0	0	-0	0	6.4	2.0	0.0	0.0	8.4	3	
2	27	-240	-3	0	0	-0	-1	79.0	26.7	2.2	0.0	105.6	3	
7	27	-14	-0	0	0	0	-0	4.7	1.7	0.0	0.0	6.4	3	
8	27	330	4	-0	0	0	1	108.6	36.7	3.1	0.0	145.3	3	
9	27	20	0	-0	0	-0	0	6.5	2.3	0.0	0.0	8.8	3	
2	55	-240	-3	0	0	-0	-2	78.9	49.2	2.2	0.0	128.1	3	
7	55	-14	-0	0	0	0	-0	4.6	1.9	0.0	0.0	6.6	3	
8	55	330	4	-0	0	0	2	108.7	67.7	3.1	0.0	176.4	3	
9	55	20	0	-0	0	-0	0	6.6	2.6	0.0	0.0	9.3	3	

ASTA NUM. 16 NI 4780 NF 4781 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-676	-3	-0	0	-0	-2	222.4	49.8	2.5	0.0	272.2	3	
7	0	-1	0	0	0	0	-0	0.4	2.0	0.2	0.0	2.5	3	
8	0	929	5	0	0	0	2	305.6	68.4	3.4	0.0	374.1	3	
9	0	1	-0	-0	0	-0	0	0.5	2.8	0.3	0.0	3.3	3	
2	27	-676	-3	-0	0	-0	-3	222.3	74.2	2.5	0.0	296.5	3	
7	27	-1	0	0	0	-0	0	0.4	0.3	0.2	0.0	0.7	2	
8	27	929	5	0	0	0	4	305.7	102.0	3.4	0.0	407.7	3	
9	27	2	-0	-0	0	0	0	0.6	0.4	0.3	0.0	1.1	2	
2	55	-676	-3	-0	0	0	-4	222.2	99.2	2.5	0.0	321.4	3	
7	55	-1	0	0	0	-0	0	0.3	2.4	0.2	0.0	2.6	3	
8	55	930	5	0	0	-0	5	305.8	136.4	3.4	0.0	442.2	3	
9	55	2	-0	-0	0	0	-0	0.7	3.2	0.3	0.0	3.9	3	

ASTA NUM. 13 NI 4781 NF 4777 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-967	1	1	0	0	-4	318.2	107.8	0.7	0.0	426.0	3	
7	0	45	-0	-1	0	-0	0	15.0	6.1	0.7	0.0	21.1	3	
8	0	1331	-1	-1	0	-0	5	437.8	148.3	1.0	0.0	586.1	3	
9	0	-62	1	1	0	0	-0	20.4	8.4	0.6	0.0	28.7	3	
2	5	-967	1	1	0	-0	-4	318.2	106.6	0.7	0.0	424.8	3	
7	5	46	-0	-1	0	0	0	15.0	5.6	0.7	0.0	20.6	3	
8	5	1331	-1	-1	0	0	5	437.8	147.2	1.0	0.0	585.0	3	
9	5	-62	1	1	0	-0	-0	20.3	7.2	0.6	0.0	27.5	3	
2	10	-967	1	1	0	-0	-4	318.2	106.1	0.7	0.0	424.3	3	
7	10	46	-0	-1	0	0	0	15.0	6.3	0.7	0.0	21.3	3	

8	10	1331	-1	-1	0	0	5	437.8	147.0	1.0	0.0	584.8	3
9	10	-62	1	1	0	-0	-0	20.3	7.6	0.6	0.0	27.9	3

ASTA NUM. 24 NI 4777 NF 4778 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1241	-7	-2	0	-0	-4	408.2	110.3	5.4	0.0	518.5	3	
7	0	150	5	2	0	0	-0	49.2	2.2	3.3	0.0	51.4	3	
8	0	1707	10	3	0	0	5	561.5	152.8	7.4	0.0	714.3	3	
9	0	-204	-6	-2	0	-0	0	67.3	2.0	4.6	0.0	69.3	5	
2	14	-1241	-7	-2	0	0	-5	408.2	140.7	5.4	0.0	548.9	3	
7	14	150	5	2	0	-0	1	49.3	23.0	3.3	0.0	72.3	3	
8	14	1708	10	3	0	-0	7	561.7	194.9	7.4	0.0	756.6	3	
9	14	-204	-6	-2	0	0	-1	67.2	30.2	4.6	0.0	97.4	3	
2	27	-1241	-7	-2	0	0	-6	408.2	173.8	5.4	0.0	582.0	3	
7	27	150	5	2	0	-1	1	49.3	48.3	3.3	0.0	97.6	3	
8	27	1708	10	3	0	0	8	561.8	242.9	7.4	0.0	804.8	3	
9	27	-204	-6	-2	0	1	-2	67.2	62.4	4.6	0.0	129.6	3	

ASTA NUM. 291 NI 4778 NF 4938 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2210	-41	5	0	0	-3	727.0	101.1	30.2	0.0	828.1	3	
7	0	806	35	-9	0	-1	-2	265.3	57.1	26.0	0.0	322.4	3	
8	0	3043	56	-10	0	-1	5	1001.0	142.8	41.5	0.0	1143.8	3	
9	0	-1104	-48	9	0	1	2	363.2	74.7	35.6	0.0	437.9	3	
2	14	-2210	-41	5	0	-0	-9	727.0	252.8	30.2	0.0	979.8	3	
7	14	807	35	-9	0	1	3	265.3	106.2	26.0	0.0	371.5	3	
8	14	3043	56	-10	0	1	12	1001.0	354.4	41.5	0.0	1355.4	3	
9	14	-1104	-48	9	0	-1	-4	363.2	139.1	35.6	0.0	502.2	3	
2	27	-2210	-41	5	0	-1	-15	727.0	425.3	30.2	0.0	1152.3	3	
7	27	807	35	-9	0	2	8	265.4	269.5	26.0	0.0	534.9	3	
8	27	3043	56	-10	0	2	20	1001.0	602.2	41.5	0.0	1603.2	3	
9	27	-1104	-48	9	0	-2	-11	363.2	352.9	35.6	0.0	716.0	3	

ASTA NUM. 290 NI 4938 NF 4929 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	794	-35	6	0	1	8	261.1	253.4	25.7	0.0	514.5	3	
7	0	-2223	41	-8	0	-2	-15	731.2	441.2	30.4	0.0	1172.4	3	
8	0	-1096	48	-12	0	-2	-11	360.5	365.9	35.5	0.0	726.4	3	
9	0	3051	-56	8	0	2	20	1003.6	589.1	41.7	0.0	1592.8	3	
2	14	794	-35	6	0	0	3	261.1	99.6	25.7	0.0	360.7	3	
7	14	-2223	41	-8	0	-1	-9	731.2	259.3	30.4	0.0	990.5	3	
8	14	-1096	48	-12	0	-1	-4	360.5	143.8	35.5	0.0	504.3	3	
9	14	3052	-56	8	0	1	12	1003.8	349.7	41.7	0.0	1353.4	3	
2	27	794	-35	6	0	-0	-2	261.2	54.2	25.7	0.0	315.3	3	
7	27	-2223	41	-8	0	0	-3	731.2	104.4	30.4	0.0	835.6	3	
8	27	-1096	48	-12	0	1	2	360.5	78.3	35.5	0.0	438.8	3	
9	27	3052	-56	8	0	-1	5	1003.9	139.7	41.7	0.0	1143.7	3	

ASTA NUM. 20 NI 4929 NF 4927 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	144	-4	-2	0	-0	1	47.4	44.4	3.3	0.0	91.8	3	
7	0	-1247	7	2	0	0	-6	410.2	177.7	5.4	0.0	587.9	3	
8	0	-200	6	3	0	1	-2	65.7	65.0	4.5	0.0	130.7	3	
9	0	1712	-10	-2	0	-1	8	563.2	240.3	7.5	0.0	803.5	3	
2	14	144	-4	-2	0	-0	1	47.4	21.3	3.3	0.0	68.8	3	
7	14	-1246	7	2	0	0	-5	410.0	142.4	5.4	0.0	552.4	3	
8	14	-200	6	3	0	0	-1	65.7	30.8	4.5	0.0	96.5	3	
9	14	1712	-10	-2	0	-0	7	563.2	194.3	7.5	0.0	757.5	3	
2	27	144	-4	-2	0	0	-0	47.5	1.7	3.3	0.0	49.2	5	
7	27	-1246	7	2	0	-0	-4	409.9	111.6	5.4	0.0	521.4	3	
8	27	-200	6	3	0	-0	0	65.6	3.4	4.5	0.0	69.0	3	
9	27	1712	-10	-2	0	0	6	563.2	152.3	7.5	0.0	715.4	3	

ASTA NUM. 21 NI 4927 NF 4928 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	42	0	1	0	0	0	13.7	5.1	0.4	0.0	18.7	3	
7	0	-971	-1	-1	0	-0	-4	319.5	107.4	0.7	0.0	426.9	3	
8	0	-58	-1	-1	0	-0	-0	19.1	8.1	0.9	0.0	27.1	3	
9	0	1335	1	1	0	0	5	439.1	146.5	1.0	0.0	585.6	3	
2	5	42	0	1	0	0	0	13.7	4.8	0.4	0.0	18.5	3	
7	5	-971	-1	-1	0	-0	-4	319.5	107.4	0.7	0.0	426.9	3	
8	5	-58	-1	-1	0	-0	-0	19.1	7.2	0.9	0.0	26.2	3	
9	5	1335	1	1	0	0	5	439.1	147.1	1.0	0.0	586.3	3	
2	10	42	0	1	0	-0	0	13.7	5.7	0.4	0.0	19.4	3	
7	10	-971	-1	-1	0	0	-4	319.5	108.2	0.7	0.0	427.7	3	
8	10	-58	-1	-1	0	0	-0	19.0	7.9	0.9	0.0	27.0	3	
9	10	1335	1	1	0	-0	5	439.1	148.7	1.0	0.0	587.8	3	

ASTA NUM. 18 NI 4928 NF 4930 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	-0	-0	0	-0	0	1.3	2.0	0.2	0.0	3.3	3	
7	0	-678	3	0	0	0	-4	223.2	99.5	2.5	0.0	322.7	3	
8	0	4	0	0	0	0	-0	1.4	2.8	0.2	0.0	4.2	3	
9	0	932	-5	-0	0	-0	5	306.5	136.8	3.4	0.0	443.4	3	
2	27	-4	-0	-0	0	-0	-0	1.2	0.7	0.2	0.0	1.8	3	
7	27	-678	3	0	0	-0	-3	223.1	74.4	2.5	0.0	297.5	3	
8	27	5	0	0	0	0	0	1.5	0.9	0.2	0.0	2.4	3	
9	27	932	-5	-0	0	0	4	306.6	102.3	3.4	0.0	408.9	3	
2	55	-3	-0	-0	0	0	-0	1.1	2.2	0.2	0.0	3.3	3	
7	55	-678	3	0	0	-0	-2	223.0	49.9	2.5	0.0	272.9	3	
8	55	5	0	0	0	-0	0	1.6	3.0	0.2	0.0	4.6	3	
9	55	932	-5	-0	0	0	2	306.7	68.6	3.4	0.0	375.3	3	

ASTA NUM. 19 NI 4930 NF 4926 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-16	0	-0	0	0	-0	5.2	2.1	0.0	0.0	7.3	3	
7	0	-242	3	-0	0	-0	-2	79.4	49.4	2.2	0.0	128.8	3	
8	0	21	-0	0	0	-0	0	6.9	2.9	0.1	0.0	9.8	3	
9	0	331	-4	0	0	0	2	108.9	67.9	3.1	0.0	176.8	3	
2	27	-15	0	-0	0	0	-0	5.1	1.8	0.0	0.0	6.9	3	
7	27	-241	3	-0	0	-0	-1	79.3	26.8	2.2	0.0	106.1	3	
8	27	21	-0	0	0	-0	0	7.0	2.4	0.1	0.0	9.4	3	
9	27	332	-4	0	0	0	1	109.0	36.8	3.1	0.0	145.9	3	
2	55	-15	0	-0	0	0	-0	5.0	1.5	0.0	0.0	6.5	3	
7	55	-241	3	-0	0	-0	-0	79.2	4.2	2.2	0.0	83.4	3	
8	55	22	-0	0	0	-0	0	7.1	2.0	0.1	0.0	9.1	3	
9	55	332	-4	0	0	0	0	109.1	5.7	3.1	0.0	114.9	3	

ASTA NUM. 22 NI 4926 NF 4924 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-18	0	0	0	0	-0	5.9	2.7	0.3	0.0	8.6	3	
7	0	-4	0	-0	0	-0	-0	1.5	1.1	0.2	0.0	2.5	3	
8	0	25	-1	-0	0	-0	0	8.1	3.8	0.4	0.0	11.8	3	
9	0	6	-0	0	0	0	0	2.0	1.5	0.3	0.0	3.4	3	
2	5	-18	0	0	0	0	-0	5.9	2.1	0.3	0.0	8.0	3	
7	5	-4	0	-0	0	-0	-0	1.4	0.6	0.2	0.0	2.0	3	
8	5	25	-1	-0	0	-0	0	8.1	2.8	0.4	0.0	10.9	3	
9	5	6	-0	0	0	0	0	2.0	0.8	0.3	0.0	2.8	3	
2	10	-18	0	0	0	0	-0	5.9	1.4	0.3	0.0	7.3	3	
7	10	-4	0	-0	0	0	0	1.4	0.0	0.2	0.0	1.5	2	
8	10	25	-1	-0	0	-0	0	8.1	1.9	0.4	0.0	10.0	3	
9	10	6	-0	0	0	-0	0	2.0	0.0	0.3	0.0	2.1	2	

ASTA NUM. 23 NI 4924 NF 4925 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-16	0	-0	0	0	-0	5.1	2.2	0.1	0.0	7.3	3	
7	0	7	-0	0	0	0	0	2.3	1.4	0.1	0.0	3.7	3	
8	0	21	-0	0	0	-0	0	7.0	3.0	0.1	0.0	9.9	3	
9	0	-10	0	-0	0	-0	-0	3.2	2.0	0.2	0.0	5.2	3	
2	14	-15	0	-0	0	0	-0	5.1	1.8	0.1	0.0	6.9	3	
7	14	7	-0	0	0	0	0	2.3	0.9	0.1	0.0	3.2	3	
8	14	21	-0	0	0	-0	0	7.0	2.4	0.1	0.0	9.4	3	
9	14	-10	0	-0	0	0	-0	3.2	1.3	0.2	0.0	4.5	3	
2	27	-15	0	-0	0	0	-0	5.0	1.4	0.1	0.0	6.4	3	
7	27	7	-0	0	0	-0	0	2.4	0.3	0.1	0.0	2.6	2	
8	27	21	-0	0	0	-0	0	7.0	1.9	0.1	0.0	8.9	3	
9	27	-10	0	-0	0	0	0	3.1	0.4	0.2	0.0	3.5	2	

ASTA NUM. 420 NI 4925 NF 4982 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-33	0	0	0	0	-0	10.7	5.1	0.3	0.0	15.8	3	
7	0	5	-0	-0	0	-0	0	1.8	2.5	0.3	0.0	4.3	3	
8	0	44	-1	-0	0	-0	0	14.4	7.0	0.4	0.0	21.4	3	
9	0	-9	1	0	0	0	-0	2.8	3.4	0.4	0.0	6.2	3	
2	14	-32	0	0	0	0	-0	10.6	3.6	0.3	0.0	14.2	3	
7	14	6	-0	-0	0	-0	0	1.9	0.8	0.3	0.0	2.8	3	
8	14	44	-1	-0	0	-0	0	14.6	5.0	0.4	0.0	19.6	3	
9	14	-8	1	0	0	0	-0	2.7	1.1	0.4	0.0	3.8	3	
2	27	-32	0	0	0	0	-0	10.5	2.2	0.3	0.0	12.7	1	
7	27	6	-0	-0	0	0	-0	2.1	0.9	0.3	0.0	2.9	1	
8	27	45	-1	-0	0	0	0	14.7	3.0	0.4	0.0	17.7	1	
9	27	-8	1	0	0	0	0	2.5	1.2	0.4	0.0	3.7	1	

ASTA NUM. 444 NI 4976 NF 4775 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-29	-1	0	0	-0	-0	9.5	1.1	0.4	0.0	10.5	3	
7	0	-5	0	-0	0	-0	-0	1.6	1.4	0.2	0.0	2.9	3	
8	0	39	1	-0	0	0	0	12.8	1.5	0.6	0.0	14.3	3	
9	0	6	-0	0	0	0	0	1.9	1.9	0.2	0.0	3.8	3	
2	14	-28	-1	0	0	-0	-0	9.4	3.3	0.4	0.0	12.6	3	
7	14	-4	0	-0	0	0	-0	1.4	0.5	0.2	0.0	1.9	3	
8	14	39	1	-0	0	0	0	12.9	4.5	0.6	0.0	17.5	3	
9	14	6	-0	0	0	-0	0	2.0	0.8	0.2	0.0	2.8	3	
2	27	-28	-1	0	0	-0	-0	9.2	5.5	0.4	0.0	14.7	3	
7	27	-4	0	-0	0	0	0	1.3	0.5	0.2	0.0	1.8	3	
8	27	40	1	-0	0	0	0	13.1	7.6	0.6	0.0	20.7	3	
9	27	7	-0	0	0	-0	-0	2.1	0.7	0.2	0.0	2.9	3	

ASTA NUM. 34 NI 4775 NF 4773 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-18	-0	-0	0	-0	-0	5.8	1.2	0.2	0.0	7.0	3	
7	0	1	0	0	0	0	-0	0.3	0.4	0.1	0.0	0.7	3	
8	0	24	0	0	0	0	0	7.9	1.7	0.3	0.0	9.6	3	
9	0	-2	-0	-0	0	-0	0	0.5	0.6	0.1	0.0	1.1	3	
2	14	-18	-0	-0	0	-0	-0	5.8	2.1	0.2	0.0	7.8	3	
7	14	1	0	0	0	0	0	0.4	0.1	0.1	0.0	0.4	2	
8	14	24	0	0	0	0	0	8.0	2.8	0.3	0.0	10.8	3	
9	14	-1	-0	-0	0	-0	0	0.5	0.1	0.1	0.0	0.6	2	
2	27	-17	-0	-0	0	-0	-0	5.7	2.9	0.2	0.0	8.6	3	
7	27	1	0	0	0	-0	0	0.4	0.6	0.1	0.0	1.0	3	
8	27	24	0	0	0	0	0	8.0	4.0	0.3	0.0	12.0	3	
9	27	-1	-0	-0	0	0	-0	0.4	0.7	0.1	0.0	1.2	3	

ASTA NUM. 35 NI 4773 NF 4774 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						

2	0	-41	-2	0	0	-0	-0	13.4	2.3	1.1	0.0	15.8	3
7	0	4	0	-0	0	-0	0	1.2	0.0	0.3	0.0	1.3	2
8	0	56	2	-0	0	0	0	18.5	3.2	1.6	0.0	21.7	3
9	0	-5	-0	0	0	0	0	1.6	0.0	0.4	0.0	1.7	2
2	5	-41	-2	0	0	-0	-0	13.4	4.6	1.1	0.0	18.0	3
7	5	4	0	-0	0	0	0	1.2	0.5	0.3	0.0	1.6	3
8	5	56	2	-0	0	0	0	18.5	6.3	1.6	0.0	24.8	3
9	5	-5	-0	0	0	-0	-0	1.6	0.6	0.4	0.0	2.2	3
2	10	-41	-2	0	0	-0	-0	13.4	6.8	1.1	0.0	20.2	3
7	10	4	0	-0	0	0	0	1.2	1.0	0.3	0.0	2.2	3
8	10	56	2	-0	0	0	0	18.5	9.4	1.6	0.0	27.9	3
9	10	-5	-0	0	0	-0	-0	1.5	1.4	0.4	0.0	2.9	3

ASTA NUM. 32 NI 4774 NF 4776 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-280	-3	0	0	-0	-0	92.2	5.6	2.5	0.0	97.8	3	
7	0	2	0	0	0	0	0	0.6	0.2	0.0	0.0	0.8	2	
8	0	385	5	-0	0	0	0	126.6	7.7	3.5	0.0	134.3	3	
9	0	-3	-0	-0	0	-0	0	1.0	0.2	0.0	0.0	1.2	2	
2	27	-280	-3	0	0	-0	-1	92.1	31.0	2.5	0.0	123.1	3	
7	27	2	0	0	0	0	0	0.7	0.1	0.0	0.0	0.8	2	
8	27	385	5	-0	0	0	2	126.7	42.7	3.5	0.0	169.4	3	
9	27	-3	-0	-0	0	-0	-0	0.9	0.5	0.0	0.0	1.4	3	
2	55	-280	-3	0	0	-0	-2	92.0	56.5	2.5	0.0	148.5	3	
7	55	2	0	0	0	0	0	0.8	0.7	0.0	0.0	1.5	3	
8	55	385	5	-0	0	0	3	126.8	77.7	3.5	0.0	204.4	3	
9	55	-2	-0	-0	0	-0	-0	0.8	0.9	0.0	0.0	1.7	3	

ASTA NUM. 33 NI 4776 NF 4771 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-704	-3	-0	0	-0	-2	231.7	54.8	2.3	0.0	286.5	3	
7	0	-11	-0	0	0	0	0	3.8	1.1	0.2	0.0	4.8	3	
8	0	968	4	0	0	0	3	318.4	75.4	3.1	0.0	393.8	3	
9	0	15	0	-0	0	-0	-0	5.0	1.4	0.3	0.0	6.4	3	
2	27	-704	-3	-0	0	0	-3	231.6	77.2	2.3	0.0	308.9	3	
7	27	-11	-0	0	0	-0	-0	3.7	1.4	0.2	0.0	5.1	3	
8	27	968	4	0	0	-0	4	318.5	106.2	3.1	0.0	424.7	3	
9	27	16	0	-0	0	0	0	5.1	2.0	0.3	0.0	7.1	3	
2	55	-704	-3	-0	0	0	-4	231.5	100.4	2.3	0.0	331.9	3	
7	55	-11	-0	0	0	-0	-0	3.6	3.9	0.2	0.0	7.5	3	
8	55	968	4	0	0	-0	5	318.6	138.1	3.1	0.0	456.6	3	
9	55	16	0	-0	0	0	0	5.2	5.3	0.3	0.0	10.5	3	

ASTA NUM. 36 NI 4771 NF 4772 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-911	-4	1	0	0	-3	299.7	95.3	2.7	0.0	395.1	3	
7	0	-60	0	-1	0	-0	-0	19.9	7.2	0.5	0.0	27.1	3	
8	0	1252	5	-1	0	-0	5	411.8	131.1	3.7	0.0	542.9	3	
9	0	83	-0	1	0	0	0	27.3	9.9	0.8	0.0	37.2	3	
2	5	-911	-4	1	0	-0	-4	299.7	100.8	2.7	0.0	400.5	3	
7	5	-60	0	-1	0	0	-0	19.9	7.1	0.5	0.0	26.9	3	
8	5	1252	5	-1	0	0	5	412.0	138.5	3.7	0.0	550.5	3	
9	5	83	-0	1	0	-0	0	27.3	9.8	0.8	0.0	37.1	3	
2	10	-911	-4	1	0	-0	-4	299.7	107.1	2.7	0.0	406.8	3	
7	10	-60	0	-1	0	0	-0	19.9	7.9	0.5	0.0	27.8	3	
8	10	1253	5	-1	0	0	5	412.2	147.0	3.7	0.0	559.2	3	
9	10	83	-0	1	0	-0	0	27.3	11.1	0.8	0.0	38.4	3	

ASTA NUM. 26 NI 4772 NF 4640 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-962	-1	-2	0	-0	-4	316.3	103.6	1.7	0.0	419.9	3	

7	0	-138	-2	2	0	0	-0	45.3	9.5	1.4	0.0	54.8	3
8	0	1321	1	3	0	0	5	434.5	142.2	2.2	0.0	576.8	3
9	0	189	3	-3	0	-0	0	62.0	13.2	1.9	0.0	75.3	3
2	14	-961	-1	-2	0	0	-4	316.2	111.7	1.7	0.0	428.0	3
7	14	-138	-2	2	0	0	-1	45.3	20.3	1.4	0.0	65.5	3
8	14	1321	1	3	0	-0	5	434.5	153.3	2.2	0.0	587.9	3
9	14	189	3	-3	0	0	1	62.1	28.0	1.9	0.0	90.1	3
2	27	-961	-1	-2	0	1	-4	316.2	124.1	1.7	0.0	440.3	3
7	27	-138	-2	2	0	-0	-1	45.3	33.9	1.4	0.0	79.2	3
8	27	1321	1	3	0	-1	6	434.5	169.9	2.2	0.0	604.4	3
9	27	189	3	-3	0	1	1	62.1	47.2	1.9	0.0	109.3	3

ASTA NUM. 25 NI 4640 NF 4641 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-890	2	8	0	1	-4	292.8	119.6	5.9	0.0	412.5	3	
7	0	-342	-4	-7	0	-0	-1	112.4	36.0	5.1	0.0	148.5	3	
8	0	1220	-3	-10	0	-1	5	401.3	163.9	7.7	0.0	565.2	3	
9	0	466	5	10	0	1	1	153.5	50.3	7.4	0.0	203.7	3	
2	14	-890	2	8	0	-1	-4	292.8	112.6	5.9	0.0	405.3	3	
7	14	-342	-4	-7	0	1	-1	112.4	51.5	5.1	0.0	163.8	3	
8	14	1220	-3	-10	0	1	5	401.5	153.3	7.7	0.0	554.7	3	
9	14	467	5	10	0	-1	2	153.5	71.6	7.4	0.0	225.1	3	
2	27	-890	2	8	0	-2	-3	292.7	134.8	5.9	0.0	427.5	3	
7	27	-342	-4	-7	0	1	-2	112.3	90.5	5.1	0.0	202.9	3	
8	27	1221	-3	-10	0	2	5	401.6	181.6	7.7	0.0	583.2	3	
9	27	467	5	10	0	-2	3	153.6	126.8	7.4	0.0	280.4	3	

ASTA NUM. 294 NI 4641 NF 4940 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-339	3	7	0	2	-2	111.4	93.3	5.5	0.0	204.7	3	
7	0	-887	-2	-7	0	-2	-3	291.8	130.8	5.4	0.0	422.6	3	
8	0	468	-5	-10	0	-2	3	154.1	125.8	7.2	0.0	279.9	3	
9	0	1222	3	11	0	2	5	402.0	183.5	7.9	0.0	585.5	3	
2	14	-339	3	7	0	1	-1	111.4	52.4	5.5	0.0	163.8	3	
7	14	-887	-2	-7	0	-1	-4	291.8	111.0	5.4	0.0	402.7	3	
8	14	469	-5	-10	0	-1	2	154.1	71.2	7.2	0.0	225.3	3	
9	14	1222	3	11	0	1	5	402.1	154.0	7.9	0.0	556.2	3	
2	27	-338	3	7	0	-0	-1	111.3	36.8	5.5	0.0	148.1	3	
7	27	-887	-2	-7	0	1	-4	291.7	118.9	5.4	0.0	410.6	3	
8	27	469	-5	-10	0	1	1	154.2	49.9	7.2	0.0	204.1	3	
9	27	1223	3	11	0	-1	5	402.3	164.0	7.9	0.0	566.3	3	

ASTA NUM. 295 NI 4940 NF 4921 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-137	2	-2	0	-0	-1	45.1	34.5	1.4	0.0	79.6	3	
7	0	-960	1	2	0	1	-4	316.0	123.2	1.6	0.0	439.1	3	
8	0	188	-3	3	0	1	1	62.0	46.9	1.9	0.0	108.9	3	
9	0	1321	-1	-3	0	-1	6	434.5	170.1	2.2	0.0	604.7	3	
2	14	-137	2	-2	0	-0	-1	45.0	20.4	1.4	0.0	65.5	3	
7	14	-960	1	2	0	0	-4	315.9	111.4	1.6	0.0	427.3	3	
8	14	189	-3	3	0	0	1	62.1	27.9	1.9	0.0	90.0	3	
9	14	1321	-1	-3	0	-0	5	434.5	153.4	2.2	0.0	587.9	3	
2	27	-137	2	-2	0	0	-0	45.0	9.7	1.4	0.0	54.6	3	
7	27	-960	1	2	0	-0	-4	315.9	103.4	1.6	0.0	419.2	3	
8	27	189	-3	3	0	-0	0	62.1	13.1	1.9	0.0	75.2	3	
9	27	1321	-1	-3	0	0	5	434.5	142.3	2.2	0.0	576.9	3	

ASTA NUM. 29 NI 4921 NF 4918 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-60	-0	1	0	0	-0	19.8	8.1	0.6	0.0	27.9	3	
7	0	-911	4	-1	0	-0	-4	299.7	106.8	2.7	0.0	406.5	3	
8	0	83	0	-1	0	-0	0	27.2	10.9	0.8	0.0	38.1	3	
9	0	1252	-5	1	0	0	5	411.8	147.1	3.7	0.0	558.9	3	

2	5	-60	-0	1	0	0	-0	19.8	7.1	0.6	0.0	26.9	3
7	5	-911	4	-1	0	-0	-4	299.7	100.7	2.7	0.0	400.4	3
8	5	83	0	-1	0	-0	0	27.2	9.7	0.8	0.0	36.9	3
9	5	1252	-5	1	0	0	5	411.8	138.5	3.7	0.0	550.4	3
2	10	-60	-0	1	0	-0	-0	19.8	7.2	0.6	0.0	27.0	3
7	10	-911	4	-1	0	0	-3	299.6	95.3	2.7	0.0	395.0	3
8	10	83	0	-1	0	0	0	27.2	10.0	0.8	0.0	37.2	3
9	10	1252	-5	1	0	-0	5	411.8	131.1	3.7	0.0	542.9	3

ASTA NUM. 31 NI 4918 NF 4919 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	0	-0	0	-0	-0	3.9	3.9	0.2	0.0	7.8	3	
7	0	-705	3	0	0	0	-4	231.8	100.4	2.3	0.0	332.2	3	
8	0	15	-0	0	0	0	0	5.0	5.4	0.3	0.0	10.4	3	
9	0	968	-4	-0	0	-0	5	318.4	138.0	3.1	0.0	456.4	3	
2	27	-11	0	-0	0	-0	-0	3.8	1.4	0.2	0.0	5.2	3	
7	27	-704	3	0	0	-0	-3	231.7	77.3	2.3	0.0	308.9	3	
8	27	16	-0	0	0	0	0	5.1	2.0	0.3	0.0	7.1	3	
9	27	968	-4	-0	0	0	4	318.5	106.2	3.1	0.0	424.6	3	
2	55	-11	0	-0	0	0	0	3.7	1.0	0.2	0.0	4.7	3	
7	55	-704	3	0	0	-0	-2	231.6	54.9	2.3	0.0	286.5	3	
8	55	16	-0	0	0	-0	-0	5.2	1.4	0.3	0.0	6.6	3	
9	55	968	-4	-0	0	0	3	318.6	75.4	3.1	0.0	394.0	3	

ASTA NUM. 30 NI 4919 NF 4920 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1	-0	-0	0	0	0	0.5	0.6	0.0	0.0	1.1	3	
7	0	-281	3	-0	0	-0	-2	92.3	56.5	2.5	0.0	148.8	3	
8	0	-3	0	0	0	-0	-0	1.0	0.9	0.0	0.0	1.8	3	
9	0	385	-5	0	0	0	3	126.6	77.7	3.5	0.0	204.3	3	
2	27	2	-0	-0	0	0	0	0.6	0.1	0.0	0.0	0.7	2	
7	27	-280	3	-0	0	-0	-1	92.2	31.1	2.5	0.0	123.3	3	
8	27	-3	0	0	0	-0	-0	0.9	0.5	0.0	0.0	1.3	3	
9	27	385	-5	0	0	0	2	126.7	42.7	3.5	0.0	169.4	3	
2	55	2	-0	-0	0	0	0	0.7	0.2	0.0	0.0	0.8	2	
7	55	-280	3	-0	0	-0	-0	92.1	5.6	2.5	0.0	97.8	3	
8	55	-2	0	0	0	-0	0	0.8	0.2	0.0	0.0	1.0	2	
9	55	386	-5	0	0	0	0	126.8	7.7	3.5	0.0	134.5	3	

ASTA NUM. 28 NI 4920 NF 4922 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	3	-0	0	0	0	0	1.1	1.0	0.3	0.0	2.0	3	
7	0	-41	2	-0	0	-0	-0	13.5	6.9	1.1	0.0	20.4	3	
8	0	-5	0	-0	0	-0	-0	1.5	1.4	0.4	0.0	2.9	3	
9	0	56	-2	0	0	0	0	18.5	9.4	1.6	0.0	27.9	3	
2	5	3	-0	0	0	0	0	1.1	0.4	0.3	0.0	1.5	3	
7	5	-41	2	-0	0	-0	-0	13.5	4.6	1.1	0.0	18.1	3	
8	5	-5	0	-0	0	-0	-0	1.5	0.6	0.4	0.0	2.1	3	
9	5	56	-2	0	0	0	0	18.5	6.3	1.6	0.0	24.8	3	
2	10	3	-0	0	0	-0	0	1.1	0.0	0.3	0.0	1.2	2	
7	10	-41	2	-0	0	-0	-0	13.5	2.4	1.1	0.0	15.8	3	
8	10	-5	0	-0	0	0	0	1.5	0.0	0.4	0.0	1.6	2	
9	10	56	-2	0	0	0	0	18.5	3.2	1.6	0.0	21.7	3	

ASTA NUM. 27 NI 4922 NF 4923 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1	-0	-0	0	-0	0	0.2	0.5	0.1	0.0	0.7	3	
7	0	-18	0	0	0	-0	-0	5.9	2.9	0.2	0.0	8.8	3	
8	0	-1	0	0	0	0	-0	0.5	0.7	0.1	0.0	1.2	3	
9	0	24	-0	-0	0	0	0	7.9	4.0	0.3	0.0	11.9	3	
2	14	1	-0	-0	0	0	0	0.3	0.1	0.1	0.0	0.4	2	
7	14	-18	0	0	0	-0	-0	5.8	2.1	0.2	0.0	7.9	3	

8	14	-1	0	0	0	-0	0	0.4	0.1	0.1	0.0	0.5	2
9	14	24	-0	-0	0	0	0	8.0	2.8	0.3	0.0	10.8	3
2	27	1	-0	-0	0	0	-0	0.3	0.4	0.1	0.0	0.8	3
7	27	-18	0	0	0	-0	-0	5.8	1.2	0.2	0.0	7.0	3
8	27	-1	0	0	0	-0	0	0.4	0.6	0.1	0.0	1.0	3
9	27	24	-0	-0	0	0	0	8.0	1.7	0.3	0.0	9.7	3

ASTA NUM. 417 NI 4923 NF 4985 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	-0	0	0	0	0	1.7	0.5	0.2	0.0	2.1	3	
7	0	-29	1	-0	0	-0	-0	9.6	5.6	0.4	0.0	15.1	3	
8	0	6	0	-0	0	-0	-0	1.9	0.7	0.2	0.0	2.6	3	
9	0	39	-1	0	0	0	0	12.7	7.6	0.6	0.0	20.4	3	
2	14	-5	-0	0	0	0	-0	1.5	0.6	0.2	0.0	2.1	3	
7	14	-29	1	-0	0	-0	-0	9.4	3.3	0.4	0.0	12.7	3	
8	14	6	0	-0	0	-0	0	2.0	0.8	0.2	0.0	2.8	3	
9	14	39	-1	0	0	0	0	12.9	4.5	0.6	0.0	17.4	3	
2	27	-4	-0	0	0	0	-0	1.4	1.4	0.2	0.0	2.8	1	
7	27	-28	1	-0	0	0	-0	9.3	1.1	0.4	0.0	10.3	1	
8	27	7	0	-0	0	0	0	2.2	1.9	0.2	0.0	4.1	1	
9	27	40	-1	0	0	0	0	13.0	1.4	0.6	0.0	14.4	1	

ASTA NUM. 445 NI 4975 NF 4769 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	9	1	0	0	0	-0	2.8	0.9	0.4	0.0	3.7	3	
7	0	-19	-0	-0	0	-0	-0	6.2	1.1	0.2	0.0	7.2	3	
8	0	-13	-1	-0	0	-0	0	4.2	1.2	0.5	0.0	5.4	3	
9	0	25	0	0	0	0	0	8.2	1.5	0.3	0.0	9.7	3	
2	14	9	1	0	0	-0	0	2.9	1.2	0.4	0.0	4.1	3	
7	14	-18	-0	-0	0	0	-0	6.0	2.1	0.2	0.0	8.1	3	
8	14	-12	-1	-0	0	0	-0	4.0	1.6	0.5	0.0	5.6	3	
9	14	25	0	0	0	-0	0	8.3	2.9	0.3	0.0	11.2	3	
2	27	9	1	0	0	-0	0	3.1	3.2	0.4	0.0	6.3	3	
7	27	-18	-0	-0	0	0	-0	5.9	3.1	0.2	0.0	9.0	3	
8	27	-12	-1	-0	0	0	-0	3.9	4.5	0.5	0.0	8.4	3	
9	27	26	0	0	0	-0	0	8.4	4.2	0.3	0.0	12.7	3	

ASTA NUM. 39 NI 4769 NF 4770 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	9	0	-0	0	-0	0	2.9	0.3	0.1	0.0	3.2	2	
7	0	-10	-0	0	0	0	-0	3.1	0.8	0.1	0.0	3.9	3	
8	0	-12	-0	0	0	0	-0	4.0	0.8	0.2	0.0	4.8	3	
9	0	13	0	-0	0	-0	0	4.2	1.1	0.1	0.0	5.3	3	
2	14	9	0	-0	0	-0	0	2.9	1.2	0.1	0.0	4.1	3	
7	14	-9	-0	0	0	0	-0	3.1	1.1	0.1	0.0	4.2	3	
8	14	-12	-0	0	0	0	-0	4.0	1.6	0.2	0.0	5.6	3	
9	14	13	0	-0	0	-0	0	4.3	1.5	0.1	0.0	5.8	3	
2	27	9	0	-0	0	-0	0	3.0	1.8	0.1	0.0	4.7	3	
7	27	-9	-0	0	0	-0	-0	3.0	1.4	0.1	0.0	4.5	3	
8	27	-12	-0	0	0	0	-0	4.0	2.4	0.2	0.0	6.4	3	
9	27	13	0	-0	0	0	0	4.3	1.9	0.1	0.0	6.3	3	

ASTA NUM. 38 NI 4770 NF 4766 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	-0	0	0	-0	0	0.8	0.0	0.1	0.0	0.8	2	
7	0	-12	-0	-0	0	-0	-0	3.9	0.9	0.2	0.0	4.8	3	
8	0	3	0	-0	0	0	0	1.1	0.0	0.1	0.0	1.1	2	
9	0	16	0	0	0	0	0	5.3	1.2	0.3	0.0	6.5	3	
2	5	-2	-0	0	0	-0	0	0.8	0.2	0.1	0.0	1.0	2	
7	5	-12	-0	-0	0	0	-0	3.9	1.4	0.2	0.0	5.3	3	
8	5	3	0	-0	0	0	0	1.1	0.5	0.1	0.0	1.7	3	
9	5	16	0	0	0	-0	0	5.4	1.9	0.3	0.0	7.3	3	

2	10	-2	-0	0	0	-0	-0	0.8	0.7	0.1	0.0	1.5	3
7	10	-12	-0	-0	0	0	-0	3.9	1.9	0.2	0.0	5.8	3
8	10	3	0	-0	0	0	0	1.1	0.9	0.1	0.0	2.1	3
9	10	16	0	0	0	-0	0	5.4	2.6	0.3	0.0	8.0	3

ASTA NUM. 41 NI 4766 NF 4767 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-240	-3	0	0	-0	-0	79.1	4.1	2.2	0.0	83.2	3	
7	0	-10	-0	0	0	0	-0	3.4	0.9	0.0	0.0	4.3	3	
8	0	330	4	-0	0	0	0	108.5	5.6	3.1	0.0	114.1	3	
9	0	14	0	-0	0	-0	0	4.5	1.2	0.1	0.0	5.7	3	
2	27	-240	-3	0	0	-0	-1	79.0	26.7	2.2	0.0	105.7	3	
7	27	-10	-0	0	0	0	-0	3.3	1.2	0.0	0.0	4.5	3	
8	27	330	4	-0	0	0	1	108.6	36.7	3.1	0.0	145.3	3	
9	27	14	0	-0	0	-0	0	4.6	1.7	0.1	0.0	6.2	3	
2	55	-240	-3	0	0	-0	-2	78.9	49.3	2.2	0.0	128.1	3	
7	55	-10	-0	0	0	0	-0	3.2	1.6	0.0	0.0	4.8	3	
8	55	330	4	-0	0	0	2	108.7	67.7	3.1	0.0	176.4	3	
9	55	14	0	-0	0	-0	0	4.7	2.1	0.1	0.0	6.8	3	

ASTA NUM. 40 NI 4767 NF 4768 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-678	-3	-0	0	-0	-2	222.9	49.9	2.5	0.0	272.8	3	
7	0	0	0	0	0	0	-0	0.0	1.6	0.2	0.0	1.7	3	
8	0	931	5	0	0	0	2	306.3	68.6	3.4	0.0	375.0	3	
9	0	-0	-0	-0	0	-0	0	0.2	2.3	0.2	0.0	2.4	3	
2	27	-677	-3	-0	0	-0	-3	222.8	74.3	2.5	0.0	297.2	3	
7	27	0	0	0	0	-0	0	0.1	0.3	0.2	0.0	0.5	2	
8	27	932	5	0	0	0	4	306.4	102.2	3.4	0.0	408.7	3	
9	27	-0	-0	-0	0	0	0	0.1	0.4	0.2	0.0	0.6	2	
2	55	-677	-3	-0	0	0	-4	222.7	99.4	2.5	0.0	322.2	3	
7	55	1	0	0	0	-0	0	0.2	2.2	0.2	0.0	2.5	3	
8	55	932	5	0	0	-0	5	306.5	136.8	3.4	0.0	443.3	3	
9	55	0	-0	-0	0	0	-0	0.0	3.0	0.2	0.0	3.1	3	

ASTA NUM. 37 NI 4768 NF 4764 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-970	1	1	0	0	-4	319.1	108.2	0.8	0.0	427.4	3	
7	0	43	-0	-1	0	-0	0	14.0	5.9	0.7	0.0	19.9	3	
8	0	1334	-1	-1	0	-0	5	438.8	148.8	1.1	0.0	587.7	3	
9	0	-58	1	1	0	0	-0	19.1	8.0	0.6	0.0	27.1	3	
2	5	-970	1	1	0	-0	-4	319.1	107.1	0.8	0.0	426.2	3	
7	5	43	-0	-1	0	0	0	14.0	5.4	0.7	0.0	19.4	3	
8	5	1334	-1	-1	0	0	5	439.0	147.8	1.1	0.0	586.7	3	
9	5	-58	1	1	0	-0	-0	19.1	6.8	0.6	0.0	25.9	3	
2	10	-970	1	1	0	-0	-4	319.1	106.6	0.8	0.0	425.7	3	
7	10	43	-0	-1	0	0	0	14.1	6.0	0.7	0.0	20.0	3	
8	10	1335	-1	-1	0	0	5	439.1	147.7	1.1	0.0	586.8	3	
9	10	-58	1	1	0	-0	-0	19.1	7.1	0.6	0.0	26.2	3	

ASTA NUM. 48 NI 4764 NF 4765 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1244	-7	-2	0	-0	-4	409.2	111.1	5.4	0.0	520.3	3	
7	0	145	4	2	0	0	-0	47.6	2.6	3.3	0.0	50.2	3	
8	0	1711	10	3	0	0	6	562.8	153.8	7.4	0.0	716.6	3	
9	0	-198	-6	-3	0	-0	0	65.1	2.6	4.5	0.0	67.6	5	
2	14	-1243	-7	-2	0	0	-5	409.0	141.3	5.4	0.0	550.3	3	
7	14	145	4	2	0	-0	1	47.6	22.7	3.3	0.0	70.3	3	
8	14	1711	10	3	0	-0	7	562.8	195.6	7.4	0.0	758.5	3	
9	14	-198	-6	-3	0	0	-1	65.0	29.7	4.5	0.0	94.7	3	
2	27	-1243	-7	-2	0	0	-6	408.9	174.7	5.4	0.0	583.6	3	
7	27	145	4	2	0	-1	1	47.7	47.9	3.3	0.0	95.6	3	
8	27	1711	10	3	0	-1	8	562.8	244.0	7.4	0.0	806.9	3	

9 27 -198 -6 -3 0 1 -2 65.0 62.0 4.5 0.0 127.0 3
ASTA NUM. 299 NI 4765 NF 4942 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2211	-41	6	0	0	-3	727.3	102.0	30.2	0.0	829.3	3	
7	0	796	35	-9	0	-1	-2	261.9	57.3	25.7	0.0	319.3	3	
8	0	3045	56	-11	0	-1	5	1001.6	143.9	41.6	0.0	1145.6	3	
9	0	-1090	-48	10	0	1	2	358.6	75.1	35.3	0.0	433.6	3	
2	14	-2211	-41	6	0	-0	-9	727.3	253.8	30.2	0.0	981.1	3	
7	14	796	35	-9	0	1	3	262.0	106.1	25.7	0.0	368.1	3	
8	14	3045	56	-11	0	1	12	1001.6	355.8	41.6	0.0	1357.4	3	
9	14	-1090	-48	10	0	-1	-4	358.6	139.0	35.3	0.0	497.6	3	
2	27	-2211	-41	6	0	-1	-15	727.3	427.9	30.2	0.0	1155.2	3	
7	27	797	35	-9	0	2	8	262.0	269.5	25.7	0.0	531.5	3	
8	27	3045	56	-11	0	2	20	1001.6	605.7	41.6	0.0	1607.4	3	
9	27	-1090	-48	10	0	-2	-11	358.6	353.1	35.3	0.0	711.6	3	

ASTA NUM. 298 NI 4942 NF 4916 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	798	-35	7	0	1	8	262.5	256.7	25.8	0.0	519.2	3	
7	0	-2210	41	-8	0	-2	-14	727.0	440.9	30.1	0.0	1167.8	3	
8	0	-1103	48	-12	0	-3	-11	362.8	370.1	35.5	0.0	732.9	3	
9	0	3033	-56	8	0	2	20	997.7	588.7	41.3	0.0	1586.4	3	
2	14	798	-35	7	0	0	3	262.6	101.2	25.8	0.0	363.8	3	
7	14	-2210	41	-8	0	-1	-9	726.8	258.8	30.1	0.0	985.6	3	
8	14	-1102	48	-12	0	-1	-4	362.7	145.9	35.5	0.0	508.6	3	
9	14	3033	-56	8	0	1	12	997.7	348.9	41.3	0.0	1346.6	3	
2	27	798	-35	7	0	-0	-2	262.6	54.2	25.8	0.0	316.9	3	
7	27	-2209	41	-8	0	1	-3	726.6	105.0	30.1	0.0	831.6	3	
8	27	-1102	48	-12	0	1	2	362.5	78.3	35.5	0.0	440.8	3	
9	27	3033	-56	8	0	-1	5	997.7	140.6	41.3	0.0	1138.3	3	

ASTA NUM. 44 NI 4916 NF 4914 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	146	-4	-2	0	-0	1	47.9	45.1	3.3	0.0	93.0	3	
7	0	-1243	7	2	0	1	-6	408.9	177.5	5.3	0.0	586.3	3	
8	0	-202	6	3	0	1	-2	66.5	65.9	4.6	0.0	132.4	3	
9	0	1707	-10	-2	0	-1	8	561.5	240.1	7.3	0.0	801.6	3	
2	14	146	-4	-2	0	-0	1	48.0	21.7	3.3	0.0	69.7	3	
7	14	-1242	7	2	0	0	-5	408.7	142.2	5.3	0.0	550.9	3	
8	14	-202	6	3	0	0	-1	66.5	31.3	4.6	0.0	97.8	3	
9	14	1707	-10	-2	0	-0	7	561.5	194.0	7.3	0.0	755.5	3	
2	27	146	-4	-2	0	0	-0	48.0	1.6	3.3	0.0	49.7	5	
7	27	-1242	7	2	0	-0	-4	408.6	111.9	5.3	0.0	520.4	3	
8	27	-202	6	3	0	-0	0	66.4	3.3	4.6	0.0	69.7	3	
9	27	1707	-10	-2	0	0	6	561.5	152.7	7.3	0.0	714.2	3	

ASTA NUM. 45 NI 4914 NF 4915 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	43	0	1	0	0	0	14.3	5.2	0.4	0.0	19.5	3	
7	0	-970	-1	-1	0	-0	-4	318.9	107.3	0.8	0.0	426.3	3	
8	0	-60	-1	-1	0	-0	-0	19.9	8.3	0.9	0.0	28.2	3	
9	0	1332	1	1	0	0	5	438.2	146.5	1.1	0.0	584.6	3	
2	5	43	0	1	0	0	0	14.3	5.1	0.4	0.0	19.3	3	
7	5	-970	-1	-1	0	-0	-4	318.9	107.4	0.8	0.0	426.3	3	
8	5	-60	-1	-1	0	-0	-0	19.9	7.5	0.9	0.0	27.4	3	
9	5	1332	1	1	0	0	5	438.2	147.1	1.1	0.0	585.2	3	
2	10	43	0	1	0	-0	0	14.3	6.0	0.4	0.0	20.3	3	
7	10	-970	-1	-1	0	0	-4	318.9	108.1	0.8	0.0	427.1	3	
8	10	-60	-1	-1	0	0	-0	19.9	8.3	0.9	0.0	28.2	3	
9	10	1332	1	1	0	-0	5	438.2	148.6	1.1	0.0	586.8	3	

ASTA NUM. 42 NI 4915 NF 4917 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	0	-0	-0	0	-0	0	0.1	2.3	0.2	0.0	2.4	3	
7	0	-677	3	0	0	0	-4	222.8	99.4	2.5	0.0	322.2	3	
8	0	-1	0	0	0	0	-0	0.5	3.2	0.2	0.0	3.7	3	
9	0	930	-5	-0	0	-0	5	306.0	136.5	3.4	0.0	442.5	3	
2	27	1	-0	-0	0	-0	0	0.2	0.3	0.2	0.0	0.6	2	
7	27	-677	3	0	0	-0	-3	222.7	74.3	2.5	0.0	297.0	3	
8	27	-1	0	0	0	0	0	0.4	0.4	0.2	0.0	0.9	2	
9	27	930	-5	-0	0	0	4	306.1	102.1	3.4	0.0	408.2	3	
2	55	1	-0	-0	0	0	-0	0.3	1.6	0.2	0.0	1.9	3	
7	55	-677	3	0	0	-0	-2	222.6	49.9	2.5	0.0	272.6	3	
8	55	-1	0	0	0	-0	0	0.3	2.2	0.2	0.0	2.5	3	
9	55	931	-5	-0	0	0	2	306.2	68.6	3.4	0.0	374.8	3	

ASTA NUM. 43 NI 4917 NF 4913 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	-0	0	0	-0	3.4	1.5	0.0	0.0	5.0	3	
7	0	-240	3	-0	0	-0	-2	79.1	49.2	2.2	0.0	128.3	3	
8	0	14	-0	0	0	-0	0	4.5	2.1	0.1	0.0	6.6	3	
9	0	330	-4	0	0	0	2	108.5	67.7	3.1	0.0	176.2	3	
2	27	-10	0	-0	0	0	-0	3.3	1.2	0.0	0.0	4.6	3	
7	27	-240	3	-0	0	-0	-1	79.0	26.7	2.2	0.0	105.7	3	
8	27	14	-0	0	0	-0	0	4.6	1.7	0.1	0.0	6.2	3	
9	27	330	-4	0	0	0	1	108.6	36.7	3.1	0.0	145.2	3	
2	55	-10	0	-0	0	0	-0	3.2	0.9	0.0	0.0	4.1	3	
7	55	-240	3	-0	0	-0	-0	78.9	4.1	2.2	0.0	83.0	3	
8	55	14	-0	0	0	-0	0	4.7	1.2	0.1	0.0	5.9	3	
9	55	330	-4	0	0	0	0	108.7	5.7	3.1	0.0	114.3	3	

ASTA NUM. 46 NI 4913 NF 4911 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	0	0	0	0	-0	4.0	1.9	0.2	0.0	5.9	3	
7	0	-3	0	-0	0	-0	-0	0.9	0.7	0.1	0.0	1.6	3	
8	0	16	-0	-0	0	-0	0	5.4	2.7	0.3	0.0	8.1	3	
9	0	3	-0	0	0	0	0	1.1	1.0	0.1	0.0	2.1	3	
2	5	-12	0	0	0	0	-0	4.0	1.4	0.2	0.0	5.4	3	
7	5	-3	0	-0	0	-0	0	0.9	0.2	0.1	0.0	1.0	2	
8	5	17	-0	-0	0	-0	0	5.4	1.9	0.3	0.0	7.4	3	
9	5	4	-0	0	0	0	0	1.2	0.5	0.1	0.0	1.7	3	
2	10	-12	0	0	0	-0	-0	3.9	0.9	0.2	0.0	4.8	3	
7	10	-3	0	-0	0	-0	0	0.8	0.0	0.1	0.0	0.9	2	
8	10	17	-0	-0	0	0	0	5.5	1.2	0.3	0.0	6.7	3	
9	10	4	-0	0	0	0	0	1.2	0.0	0.1	0.0	1.2	2	

ASTA NUM. 47 NI 4911 NF 4912 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	-0	0	-0	-0	3.2	1.4	0.1	0.0	4.7	3	
7	0	9	-0	0	0	-0	0	2.8	1.8	0.2	0.0	4.6	3	
8	0	13	-0	0	0	0	0	4.3	2.0	0.1	0.0	6.3	3	
9	0	-12	0	-0	0	0	-0	4.0	2.4	0.2	0.0	6.4	3	
2	14	-10	0	-0	0	0	-0	3.2	1.1	0.1	0.0	4.3	3	
7	14	9	-0	0	0	-0	0	2.9	1.2	0.2	0.0	4.0	3	
8	14	13	-0	0	0	-0	0	4.4	1.5	0.1	0.0	5.9	3	
9	14	-12	0	-0	0	0	-0	3.9	1.6	0.2	0.0	5.5	3	
2	27	-10	0	-0	0	0	-0	3.1	0.8	0.1	0.0	4.0	3	
7	27	9	-0	0	0	-0	0	2.9	0.3	0.2	0.0	3.2	2	
8	27	13	-0	0	0	-0	0	4.4	1.1	0.1	0.0	5.5	3	
9	27	-12	0	-0	0	0	-0	3.9	0.8	0.2	0.0	4.7	3	

ASTA NUM. 416 NI 4912 NF 4986 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-19	0	0	0	0	-0	6.4	3.2	0.2	0.0	9.6	3
7	0	8	-1	-0	0	-0	0	2.6	3.2	0.4	0.0	5.8	3
8	0	26	-0	-0	0	-0	0	8.5	4.4	0.3	0.0	12.8	3
9	0	-12	1	0	0	0	-0	4.0	4.4	0.5	0.0	8.3	3
2	14	-19	0	0	0	0	-0	6.3	2.2	0.2	0.0	8.4	3
7	14	8	-1	-0	0	-0	0	2.8	1.1	0.4	0.0	3.9	3
8	14	26	-0	-0	0	-0	0	8.6	3.0	0.3	0.0	11.6	3
9	14	-12	1	0	0	0	-0	3.8	1.5	0.5	0.0	5.4	3
2	27	-19	0	0	0	0	-0	6.1	1.2	0.2	0.0	7.3	1
7	27	9	-1	-0	0	0	-0	2.9	1.0	0.4	0.0	3.9	1
8	27	27	-0	-0	0	0	0	8.7	1.6	0.3	0.0	10.3	1
9	27	-11	1	0	0	0	0	3.7	1.3	0.5	0.0	5.0	1

ASTA NUM. 399 NI 4973 NF 4762 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-21	-1	-0	0	-0	0	7.1	0.0	0.4	0.0	7.1	2	
7	0	5	0	0	0	0	-0	1.5	0.3	0.2	0.0	1.8	3	
8	0	29	1	0	0	0	0	9.4	0.4	0.6	0.0	9.8	3	
9	0	-7	-0	-0	0	-0	0	2.3	0.4	0.2	0.0	2.8	3	
2	14	-21	-1	-0	0	0	-0	6.9	2.4	0.4	0.0	9.4	3	
7	14	5	0	0	0	-0	0	1.7	0.6	0.2	0.0	2.3	3	
8	14	29	1	0	0	-0	0	9.6	3.4	0.6	0.0	13.0	3	
9	14	-7	-0	-0	0	0	-0	2.2	0.9	0.2	0.0	3.1	3	
2	27	-21	-1	-0	0	0	-0	6.8	4.7	0.4	0.0	11.4	3	
7	27	5	0	0	0	-0	0	1.8	1.6	0.2	0.0	3.3	3	
8	27	30	1	0	0	-0	0	9.7	6.4	0.6	0.0	16.1	3	
9	27	-6	-0	-0	0	0	-0	2.1	2.1	0.2	0.0	4.2	3	

ASTA NUM. 58 NI 4762 NF 4760 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-15	-0	0	0	0	-0	5.0	0.9	0.2	0.0	5.9	3	
7	0	4	0	-0	0	-0	0	1.3	0.2	0.1	0.0	1.5	2	
8	0	21	0	-0	0	-0	0	6.8	1.2	0.3	0.0	8.0	3	
9	0	-6	-0	0	0	0	0	1.9	0.2	0.1	0.0	2.1	2	
2	14	-15	-0	0	0	0	-0	4.9	1.8	0.2	0.0	6.7	3	
7	14	4	0	-0	0	-0	0	1.4	0.5	0.1	0.0	1.9	3	
8	14	21	0	-0	0	-0	0	6.8	2.4	0.3	0.0	9.2	3	
9	14	-6	-0	0	0	0	-0	1.8	0.7	0.1	0.0	2.6	3	
2	27	-15	-0	0	0	0	-0	4.9	2.6	0.2	0.0	7.5	3	
7	27	4	0	-0	0	-0	0	1.4	0.8	0.1	0.0	2.3	3	
8	27	21	0	-0	0	-0	0	6.9	3.6	0.3	0.0	10.5	3	
9	27	-5	-0	0	0	0	-0	1.8	1.1	0.1	0.0	2.9	3	

ASTA NUM. 59 NI 4760 NF 4761 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-38	-2	-0	0	0	-0	12.7	2.1	1.1	0.0	14.7	3	
7	0	6	0	0	0	-0	0	2.0	0.0	0.2	0.0	2.1	2	
8	0	53	2	0	0	-0	0	17.4	2.9	1.6	0.0	20.3	3	
9	0	-8	-0	-0	0	0	-0	2.8	0.3	0.3	0.0	3.1	1	
2	5	-38	-2	-0	0	0	-0	12.6	4.3	1.1	0.0	17.0	3	
7	5	6	0	0	0	-0	0	2.0	0.8	0.2	0.0	2.8	3	
8	5	53	2	0	0	-0	0	17.4	6.0	1.6	0.0	23.4	3	
9	5	-8	-0	-0	0	0	-0	2.8	1.0	0.3	0.0	3.8	3	
2	10	-38	-2	-0	0	0	-0	12.6	6.6	1.1	0.0	19.2	3	
7	10	6	0	0	0	-0	0	2.1	1.3	0.2	0.0	3.4	3	
8	10	53	2	0	0	-0	0	17.5	9.1	1.6	0.0	26.5	3	
9	10	-8	-0	-0	0	0	-0	2.7	1.8	0.3	0.0	4.5	3	

ASTA NUM. 56 NI 4761 NF 4763 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-279	-3	-0	0	0	-0	91.6	5.3	2.5	0.0	97.0	3
7	0	4	0	-0	0	-0	0	1.2	0.2	0.0	0.0	1.4	2
8	0	382	5	0	0	-0	0	125.8	7.3	3.5	0.0	133.2	3
9	0	-6	-0	0	0	0	0	1.9	0.3	0.0	0.0	2.1	2
2	27	-278	-3	-0	0	0	-1	91.5	30.8	2.5	0.0	122.4	3
7	27	4	0	-0	0	-0	0	1.3	0.6	0.0	0.0	1.9	3
8	27	383	5	0	0	-0	2	125.9	42.4	3.5	0.0	168.3	3
9	27	-5	-0	0	0	0	-0	1.8	0.8	0.0	0.0	2.6	3
2	55	-278	-3	-0	0	0	-2	91.4	56.3	2.5	0.0	147.8	3
7	55	4	0	-0	0	-0	0	1.4	0.8	0.0	0.0	2.2	3
8	55	383	5	0	0	-0	3	126.0	77.5	3.5	0.0	203.5	3
9	55	-5	-0	0	0	0	-0	1.7	1.1	0.0	0.0	2.7	3

ASTA NUM. 57 NI 4763 NF 4758 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-704	-3	0	0	0	-2	231.5	54.7	2.3	0.0	286.2	3	
7	0	-11	-0	-0	0	-0	0	3.6	1.2	0.2	0.0	4.8	3	
8	0	967	4	-0	0	-0	3	318.1	75.2	3.1	0.0	393.3	3	
9	0	14	0	0	0	0	-0	4.7	1.6	0.3	0.0	6.4	3	
2	27	-703	-3	0	0	-0	-3	231.4	77.2	2.3	0.0	308.5	3	
7	27	-11	-0	-0	0	0	-0	3.5	1.3	0.2	0.0	4.8	3	
8	27	967	4	-0	0	0	4	318.1	106.1	3.1	0.0	424.2	3	
9	27	15	0	0	0	-0	0	4.8	1.9	0.3	0.0	6.7	3	
2	55	-703	-3	0	0	-0	-4	231.3	100.4	2.3	0.0	331.7	3	
7	55	-10	-0	-0	0	0	-0	3.4	3.9	0.2	0.0	7.3	3	
8	55	967	4	-0	0	0	5	318.2	138.0	3.1	0.0	456.2	3	
9	55	15	0	0	0	-0	0	4.9	5.4	0.3	0.0	10.3	3	

ASTA NUM. 60 NI 4758 NF 4759 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-911	-4	-1	0	-0	-3	299.6	95.3	2.7	0.0	395.0	3	
7	0	-60	0	1	0	0	-0	19.9	7.2	0.5	0.0	27.1	3	
8	0	1252	5	1	0	0	5	411.8	131.0	3.7	0.0	542.9	3	
9	0	83	-0	-1	0	-0	0	27.3	9.9	0.8	0.0	37.1	3	
2	5	-911	-4	-1	0	0	-4	299.6	100.8	2.7	0.0	400.4	3	
7	5	-60	0	1	0	-0	-0	19.9	7.1	0.5	0.0	26.9	3	
8	5	1252	5	1	0	-0	5	411.8	138.4	3.7	0.0	550.3	3	
9	5	83	-0	-1	0	0	0	27.3	9.8	0.8	0.0	37.1	3	
2	10	-911	-4	-1	0	0	-4	299.6	107.0	2.7	0.0	406.6	3	
7	10	-60	0	1	0	-0	-0	19.8	8.0	0.5	0.0	27.8	3	
8	10	1252	5	1	0	-0	5	411.8	146.9	3.7	0.0	558.8	3	
9	10	83	-0	-1	0	0	0	27.3	11.2	0.8	0.0	38.5	3	

ASTA NUM. 49 NI 4759 NF 4619 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-961	-1	2	0	0	-4	316.2	103.5	1.6	0.0	419.8	3	
7	0	-138	-2	-2	0	-0	-0	45.4	9.5	1.4	0.0	54.9	3	
8	0	1321	1	-3	0	-0	5	434.5	142.1	2.2	0.0	576.7	3	
9	0	189	3	3	0	0	0	62.0	13.3	1.9	0.0	75.3	3	
2	14	-961	-1	2	0	-0	-4	316.2	111.7	1.6	0.0	427.9	3	
7	14	-138	-2	-2	0	0	-1	45.3	20.3	1.4	0.0	65.6	3	
8	14	1321	1	-3	0	0	5	434.5	153.2	2.2	0.0	587.8	3	
9	14	189	3	3	0	-0	1	62.1	28.1	1.9	0.0	90.2	3	
2	27	-961	-1	2	0	-1	-4	316.2	123.9	1.6	0.0	440.1	3	
7	27	-138	-2	-2	0	0	-1	45.3	34.1	1.4	0.0	79.4	3	
8	27	1321	1	-3	0	1	6	434.5	169.6	2.2	0.0	604.1	3	
9	27	189	3	3	0	-1	1	62.1	47.5	1.9	0.0	109.6	3	

ASTA NUM. 318 NI 4619 NF 4617 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-890	2	-8	0	-1	-4	292.9	119.4	5.8	0.0	412.3	3	
7	0	-342	-4	7	0	0	-1	112.4	36.2	5.2	0.0	148.6	3	

8	0	1220	-3	10	0	1	5	401.3	163.6	7.6	0.0	564.9	3
9	0	466	5	-10	0	-1	1	153.4	50.5	7.5	0.0	203.9	3
2	14	-890	2	-8	0	1	-4	292.8	112.3	5.8	0.0	405.1	3
7	14	-342	-4	7	0	-1	-1	112.4	51.6	5.2	0.0	164.0	3
8	14	1220	-3	10	0	-1	5	401.5	152.9	7.6	0.0	554.4	3
9	14	467	5	-10	0	1	2	153.5	71.8	7.5	0.0	225.3	3
2	27	-890	2	-8	0	2	-3	292.8	134.1	5.8	0.0	426.8	3
7	27	-342	-4	7	0	-1	-2	112.3	91.0	5.2	0.0	203.4	3
8	27	1221	-3	10	0	-2	5	401.6	180.6	7.6	0.0	582.2	3
9	27	467	5	-10	0	2	3	153.5	127.5	7.5	0.0	281.0	3

ASTA NUM. 319 NI 4617 NF 4618 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-338	3	-7	0	-2	-2	111.3	92.8	5.5	0.0	204.1	3	
7	0	-887	-2	7	0	2	-3	291.7	131.0	5.5	0.0	422.7	3	
8	0	468	-5	10	0	2	3	153.9	125.3	7.2	0.0	279.2	3	
9	0	1222	3	-11	0	-2	5	402.0	183.7	7.9	0.0	585.7	3	
2	14	-338	3	-7	0	-1	-1	111.2	52.2	5.5	0.0	163.4	3	
7	14	-887	-2	7	0	1	-4	291.7	111.0	5.5	0.0	402.7	3	
8	14	468	-5	10	0	1	2	153.9	70.9	7.2	0.0	224.8	3	
9	14	1222	3	-11	0	-1	5	402.0	154.1	7.9	0.0	556.1	3	
2	27	-338	3	-7	0	0	-1	111.2	36.7	5.5	0.0	147.9	3	
7	27	-886	-2	7	0	-1	-4	291.6	118.8	5.5	0.0	410.4	3	
8	27	468	-5	10	0	-1	1	154.0	49.7	7.2	0.0	203.7	3	
9	27	1222	3	-11	0	1	5	402.0	163.9	7.9	0.0	565.9	3	

ASTA NUM. 53 NI 4618 NF 4908 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-136	2	2	0	0	-1	44.8	34.4	1.4	0.0	79.2	3	
7	0	-960	1	-2	0	-1	-4	315.7	123.1	1.6	0.0	438.7	3	
8	0	187	-3	-3	0	-1	1	61.6	46.8	1.9	0.0	108.4	3	
9	0	1319	-1	3	0	1	6	433.9	170.0	2.2	0.0	603.9	3	
2	14	-136	2	2	0	0	-1	44.7	20.3	1.4	0.0	65.1	3	
7	14	-959	1	-2	0	-0	-4	315.6	111.3	1.6	0.0	426.9	3	
8	14	187	-3	-3	0	-0	1	61.7	27.8	1.9	0.0	89.4	3	
9	14	1320	-1	3	0	0	5	434.0	153.2	2.2	0.0	587.3	3	
2	27	-136	2	2	0	-0	-0	44.7	9.5	1.4	0.0	54.2	3	
7	27	-959	1	-2	0	0	-4	315.6	103.2	1.6	0.0	418.8	3	
8	27	188	-3	-3	0	0	0	61.7	12.9	1.9	0.0	74.6	3	
9	27	1320	-1	3	0	-0	5	434.2	142.1	2.2	0.0	576.3	3	

ASTA NUM. 52 NI 4908 NF 4905 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-59	-0	-1	0	-0	-0	19.4	8.0	0.6	0.0	27.4	3	
7	0	-910	4	1	0	0	-4	299.2	106.7	2.7	0.0	405.9	3	
8	0	81	0	1	0	0	0	26.7	10.7	0.7	0.0	37.4	3	
9	0	1250	-5	-1	0	-0	5	411.2	146.9	3.7	0.0	558.0	3	
2	5	-59	-0	-1	0	-0	-0	19.4	7.0	0.6	0.0	26.4	3	
7	5	-910	4	1	0	0	-4	299.2	100.5	2.7	0.0	399.7	3	
8	5	81	0	1	0	0	0	26.7	9.5	0.7	0.0	36.2	3	
9	5	1250	-5	-1	0	-0	5	411.3	138.3	3.7	0.0	549.7	3	
2	10	-59	-0	-1	0	0	-0	19.4	7.1	0.6	0.0	26.5	3	
7	10	-910	4	1	0	-0	-3	299.2	95.2	2.7	0.0	394.4	3	
8	10	81	0	1	0	-0	0	26.7	9.7	0.7	0.0	36.4	3	
9	10	1251	-5	-1	0	0	5	411.5	130.9	3.7	0.0	542.4	3	

ASTA NUM. 55 NI 4905 NF 4906 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	0	-0	3.3	3.8	0.2	0.0	7.0	3	
7	0	-703	3	-0	0	-0	-4	231.2	100.3	2.3	0.0	331.4	3	
8	0	13	-0	-0	0	-0	0	4.2	5.1	0.3	0.0	9.4	3	
9	0	965	-4	0	0	0	5	317.5	137.8	3.1	0.0	455.3	3	

2	27	-10	0	0	0	0	-0	3.2	1.2	0.2	0.0	4.4	3
7	27	-702	3	-0	0	-0	-3	231.1	77.1	2.3	0.0	308.1	3
8	27	13	-0	-0	0	-0	0	4.3	1.7	0.3	0.0	6.0	3
9	27	966	-4	0	0	0	4	317.6	105.9	3.1	0.0	423.6	3
2	55	-9	0	0	0	-0	0	3.1	1.3	0.2	0.0	4.4	3
7	55	-702	3	-0	0	0	-2	231.0	54.6	2.3	0.0	285.6	3
8	55	13	-0	-0	0	0	-0	4.4	1.8	0.3	0.0	6.2	3
9	55	966	-4	0	0	-0	3	317.7	75.1	3.1	0.0	392.8	3

ASTA NUM. 54 NI 4906 NF 4907 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	-0	0	0	-0	0	1.3	0.9	0.0	0.0	2.2	3	
7	0	-278	3	0	0	0	-2	91.5	56.3	2.5	0.0	147.8	3	
8	0	-6	0	-0	0	0	-0	2.1	1.2	0.0	0.0	3.3	3	
9	0	382	-5	-0	0	-0	3	125.6	77.3	3.5	0.0	202.9	3	
2	27	4	-0	0	0	-0	0	1.4	0.6	0.0	0.0	2.0	3	
7	27	-278	3	0	0	0	-1	91.4	30.8	2.5	0.0	122.3	3	
8	27	-6	0	-0	0	0	-0	2.0	0.9	0.0	0.0	2.9	3	
9	27	382	-5	-0	0	-0	2	125.7	42.3	3.5	0.0	168.0	3	
2	55	5	-0	0	0	-0	0	1.5	0.2	0.0	0.0	1.7	2	
7	55	-278	3	0	0	0	-0	91.3	5.3	2.5	0.0	96.7	3	
8	55	-6	0	-0	0	0	0	1.9	0.3	0.0	0.0	2.2	2	
9	55	382	-5	-0	0	-0	0	125.8	7.3	3.5	0.0	133.1	3	

ASTA NUM. 51 NI 4907 NF 4909 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	6	-0	-0	0	-0	0	2.0	1.3	0.2	0.0	3.3	3	
7	0	-38	2	0	0	0	-0	12.7	6.6	1.1	0.0	19.2	3	
8	0	-9	0	0	0	0	-0	2.9	1.8	0.3	0.0	4.7	3	
9	0	53	-2	-0	0	-0	0	17.3	9.0	1.6	0.0	26.3	3	
2	5	6	-0	-0	0	-0	0	2.0	0.8	0.2	0.0	2.8	3	
7	5	-38	2	0	0	0	-0	12.6	4.3	1.1	0.0	17.0	3	
8	5	-9	0	0	0	0	-0	2.8	1.1	0.3	0.0	3.9	3	
9	5	53	-2	-0	0	-0	0	17.3	5.9	1.6	0.0	23.2	3	
2	10	6	-0	-0	0	-0	0	2.0	0.0	0.2	0.0	2.1	2	
7	10	-38	2	0	0	0	-0	12.6	2.1	1.1	0.0	14.7	3	
8	10	-9	0	0	0	0	-0	2.8	0.3	0.3	0.0	3.1	1	
9	10	53	-2	-0	0	-0	0	17.3	2.8	1.6	0.0	20.2	3	

ASTA NUM. 50 NI 4909 NF 4910 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	-0	0	0	-0	0	1.3	0.8	0.1	0.0	2.1	3	
7	0	-15	0	-0	0	0	-0	5.0	2.6	0.2	0.0	7.6	3	
8	0	-6	0	-0	0	0	-0	1.9	1.2	0.1	0.0	3.0	3	
9	0	20	-0	0	0	-0	0	6.7	3.6	0.3	0.0	10.3	3	
2	14	4	-0	0	0	-0	0	1.3	0.5	0.1	0.0	1.8	3	
7	14	-15	0	-0	0	0	-0	5.0	1.8	0.2	0.0	6.7	3	
8	14	-6	0	-0	0	0	-0	1.8	0.7	0.1	0.0	2.6	3	
9	14	21	-0	0	0	-0	0	6.8	2.4	0.3	0.0	9.2	3	
2	27	4	-0	0	0	-0	0	1.4	0.2	0.1	0.0	1.5	2	
7	27	-15	0	-0	0	0	-0	4.9	0.9	0.2	0.0	5.8	3	
8	27	-5	0	-0	0	0	0	1.8	0.2	0.1	0.0	2.0	2	
9	27	21	-0	0	0	-0	0	6.8	1.2	0.3	0.0	8.1	3	

ASTA NUM. 414 NI 4910 NF 4988 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	4	-0	-0	0	-0	0	1.2	1.5	0.2	0.0	2.7	3	
7	0	-22	1	0	0	0	-0	7.3	4.7	0.4	0.0	12.0	3	
8	0	-6	0	0	0	0	-0	2.0	2.1	0.2	0.0	4.1	3	
9	0	29	-1	-0	0	-0	0	9.7	6.4	0.5	0.0	16.1	3	
2	14	4	-0	-0	0	-0	0	1.3	0.5	0.2	0.0	1.9	3	
7	14	-22	1	0	0	0	-0	7.2	2.5	0.4	0.0	9.7	3	
8	14	-6	0	0	0	0	-0	1.9	0.8	0.2	0.0	2.7	3	

9	14	30	-1	-0	0	-0	0	9.8	3.5	0.5	0.0	13.2	3
2	27	4	-0	-0	0	0	-0	1.5	0.4	0.2	0.0	1.9	1
7	27	-21	1	0	0	0	-0	7.0	0.4	0.4	0.0	7.4	1
8	27	-5	0	0	0	0	0	1.8	0.6	0.2	0.0	2.3	1
9	27	30	-1	-0	0	0	0	9.9	0.5	0.5	0.0	10.4	1

ASTA NUM. 446 NI 4974 NF 4756 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	11	1	-0	0	0	-0	3.6	0.6	0.4	0.0	4.2	3			
7	0	-16	-0	0	0	-0	-0	5.1	0.7	0.2	0.0	5.9	3			
8	0	-16	-1	0	0	-0	0	5.3	0.9	0.5	0.0	6.2	3			
9	0	21	0	-0	0	0	0	6.8	1.0	0.3	0.0	7.8	3			
2	14	11	1	-0	0	0	0	3.8	1.4	0.4	0.0	5.2	3			
7	14	-15	-0	0	0	-0	-0	5.0	1.8	0.2	0.0	6.8	3			
8	14	-16	-1	0	0	-0	-0	5.2	2.0	0.5	0.0	7.1	3			
9	14	21	0	-0	0	0	0	6.9	2.4	0.3	0.0	9.3	3			
2	27	12	1	-0	0	0	0	3.9	3.5	0.4	0.0	7.4	3			
7	27	-15	-0	0	0	-0	-0	4.9	2.8	0.2	0.0	7.7	3			
8	27	-15	-1	0	0	-0	-0	5.0	4.8	0.5	0.0	9.8	3			
9	27	21	0	-0	0	0	0	7.0	3.9	0.3	0.0	10.9	3			

ASTA NUM. 63 NI 4756 NF 4757 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	10	0	0	0	0	0	3.2	0.6	0.1	0.0	3.8	3			
7	0	-9	-0	-0	0	-0	-0	2.8	0.7	0.1	0.0	3.5	3			
8	0	-14	-0	-0	0	-0	-0	4.4	0.9	0.2	0.0	5.3	3			
9	0	11	0	0	0	0	0	3.8	1.0	0.1	0.0	4.7	3			
2	14	10	0	0	0	0	0	3.2	1.2	0.1	0.0	4.5	3			
7	14	-8	-0	-0	0	-0	-0	2.8	1.0	0.1	0.0	3.8	3			
8	14	-13	-0	-0	0	-0	-0	4.4	1.7	0.2	0.0	6.1	3			
9	14	12	0	0	0	0	0	3.8	1.4	0.1	0.0	5.2	3			
2	27	10	0	0	0	0	0	3.3	1.9	0.1	0.0	5.1	3			
7	27	-8	-0	-0	0	0	-0	2.7	1.3	0.1	0.0	4.0	3			
8	27	-13	-0	-0	0	-0	-0	4.3	2.6	0.2	0.0	6.9	3			
9	27	12	0	0	0	-0	0	3.9	1.8	0.1	0.0	5.7	3			

ASTA NUM. 62 NI 4757 NF 4753 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-2	-0	-0	0	0	0	0.6	0.0	0.1	0.0	0.6	2			
7	0	-11	-0	0	0	0	-0	3.6	0.7	0.3	0.0	4.4	1			
8	0	2	0	0	0	-0	0	0.8	0.0	0.1	0.0	0.8	2			
9	0	15	0	-0	0	-0	0	5.0	1.0	0.3	0.0	6.0	1			
2	5	-2	-0	-0	0	0	0	0.6	0.2	0.1	0.0	0.7	2			
7	5	-11	-0	0	0	-0	-0	3.6	1.3	0.3	0.0	4.9	3			
8	5	2	0	0	0	-0	0	0.8	0.2	0.1	0.0	1.0	2			
9	5	15	0	-0	0	0	0	5.0	1.8	0.3	0.0	6.8	3			
2	10	-2	-0	-0	0	0	-0	0.5	0.6	0.1	0.0	1.1	3			
7	10	-11	-0	0	0	-0	-0	3.6	1.9	0.3	0.0	5.5	3			
8	10	2	0	0	0	-0	0	0.8	0.8	0.1	0.0	1.6	3			
9	10	15	0	-0	0	0	0	5.0	2.6	0.3	0.0	7.6	3			

ASTA NUM. 65 NI 4753 NF 4754 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-240	-3	-0	0	0	-0	78.9	4.0	2.2	0.0	82.9	3			
7	0	-10	-0	-0	0	-0	-0	3.2	0.8	0.0	0.0	4.0	3			
8	0	329	4	0	0	-0	0	108.2	5.5	3.1	0.0	113.7	3			
9	0	13	0	0	0	0	0	4.2	1.1	0.1	0.0	5.3	3			
2	27	-240	-3	-0	0	0	-1	78.8	26.6	2.2	0.0	105.4	3			
7	27	-9	-0	-0	0	-0	-0	3.1	1.2	0.0	0.0	4.3	3			
8	27	329	4	0	0	-0	1	108.3	36.6	3.1	0.0	144.9	3			
9	27	13	0	0	0	0	0	4.3	1.6	0.1	0.0	5.9	3			
2	55	-239	-3	-0	0	0	-2	78.7	49.2	2.2	0.0	127.9	3			

7	55	-9	-0	-0	0	-0	-0	3.0	1.5	0.0	0.0	4.5	3
8	55	330	4	0	0	-0	2	108.4	67.7	3.1	0.0	176.1	3
9	55	13	0	0	0	0	0	4.4	2.1	0.1	0.0	6.5	3

ASTA NUM. 64 NI 4754 NF 4755 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-677	-3	0	0	0	-2	222.8	49.9	2.5	0.0	272.7	3	
7	0	0	0	-0	0	-0	-0	0.1	1.6	0.2	0.0	1.7	3	
8	0	931	5	-0	0	-0	2	306.2	68.6	3.4	0.0	374.8	3	
9	0	-1	-0	0	0	0	0	0.3	2.2	0.2	0.0	2.5	3	
2	27	-677	-3	0	0	0	-3	222.7	74.3	2.5	0.0	297.0	3	
7	27	1	0	-0	0	0	0	0.2	0.3	0.2	0.0	0.5	2	
8	27	931	5	-0	0	-0	4	306.3	102.2	3.4	0.0	408.5	3	
9	27	-0	-0	0	0	-0	0	0.2	0.3	0.2	0.0	0.6	2	
2	55	-677	-3	0	0	-0	-4	222.7	99.4	2.5	0.0	322.1	3	
7	55	1	0	-0	0	0	0	0.3	2.2	0.2	0.0	2.5	3	
8	55	932	5	-0	0	0	5	306.4	136.7	3.4	0.0	443.2	3	
9	55	-0	-0	0	0	-0	-0	0.1	3.0	0.2	0.0	3.1	3	

ASTA NUM. 61 NI 4755 NF 4752 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-970	1	-1	0	-0	-4	319.1	108.2	0.8	0.0	427.3	3	
7	0	43	-0	1	0	0	0	14.1	5.9	0.7	0.0	20.0	3	
8	0	1334	-1	1	0	0	5	438.8	148.8	1.1	0.0	587.6	3	
9	0	-58	1	-1	0	-0	-0	19.1	8.1	0.7	0.0	27.2	3	
2	5	-970	1	-1	0	0	-4	319.1	107.0	0.8	0.0	426.1	3	
7	5	43	-0	1	0	-0	0	14.1	5.4	0.7	0.0	19.5	3	
8	5	1334	-1	1	0	-0	5	438.8	147.7	1.1	0.0	586.5	3	
9	5	-58	1	-1	0	0	-0	19.1	6.9	0.7	0.0	26.0	3	
2	10	-970	1	-1	0	0	-4	319.1	106.5	0.8	0.0	425.6	3	
7	10	43	-0	1	0	-0	0	14.1	6.0	0.7	0.0	20.1	3	
8	10	1334	-1	1	0	-0	5	438.8	147.6	1.1	0.0	586.4	3	
9	10	-58	1	-1	0	0	-0	19.1	7.2	0.7	0.0	26.3	3	

ASTA NUM. 71 NI 4752 NF 4638 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1244	-7	2	0	0	-4	409.2	111.0	5.4	0.0	520.2	3	
7	0	145	4	-2	0	-0	-0	47.6	2.6	3.3	0.0	50.3	3	
8	0	1711	10	-3	0	-0	6	562.8	153.7	7.4	0.0	716.6	3	
9	0	-198	-6	3	0	0	0	65.1	2.6	4.5	0.0	67.7	5	
2	14	-1243	-7	2	0	-0	-5	409.0	141.2	5.4	0.0	550.2	3	
7	14	145	4	-2	0	0	1	47.7	22.7	3.3	0.0	70.4	3	
8	14	1711	10	-3	0	0	7	562.8	195.5	7.4	0.0	758.4	3	
9	14	-198	-6	3	0	-0	-1	65.0	29.8	4.5	0.0	94.9	3	
2	27	-1243	-7	2	0	-0	-6	408.9	174.5	5.4	0.0	583.4	3	
7	27	145	4	-2	0	1	1	47.7	48.1	3.3	0.0	95.8	3	
8	27	1711	10	-3	0	1	8	562.8	243.7	7.4	0.0	806.6	3	
9	27	-198	-6	3	0	-1	-2	65.0	62.2	4.5	0.0	127.2	3	

ASTA NUM. 72 NI 4638 NF 4639 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2211	-41	-6	0	-0	-3	727.3	101.8	30.2	0.0	829.1	3	
7	0	797	35	9	0	1	-2	262.0	57.5	25.7	0.0	319.5	3	
8	0	3044	56	11	0	1	5	1001.3	143.6	41.5	0.0	1145.0	3	
9	0	-1091	-48	-10	0	-1	2	358.9	75.3	35.3	0.0	434.2	3	
2	14	-2211	-41	-6	0	0	-9	727.3	253.6	30.2	0.0	980.9	3	
7	14	797	35	9	0	-1	3	262.1	106.3	25.7	0.0	368.4	3	
8	14	3044	56	11	0	-1	12	1001.5	355.5	41.5	0.0	1357.0	3	
9	14	-1090	-48	-10	0	1	-4	358.7	139.4	35.3	0.0	498.1	3	
2	27	-2211	-41	-6	0	1	-15	727.3	427.3	30.2	0.0	1154.6	3	
7	27	797	35	9	0	-2	8	262.1	270.1	25.7	0.0	532.2	3	
8	27	3045	56	11	0	-2	20	1001.6	604.9	41.5	0.0	1606.5	3	
9	27	-1090	-48	-10	0	2	-11	358.6	354.1	35.3	0.0	712.6	3	

ASTA NUM. 300 NI 4639 NF 4943 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	798	-35	-7	0	-1	8	262.5	256.3	25.8	0.0	518.8	3	
7	0	-2210	41	8	0	2	-14	727.0	441.1	30.1	0.0	1168.1	3	
8	0	-1102	48	12	0	3	-11	362.5	369.7	35.5	0.0	732.2	3	
9	0	3033	-56	-8	0	-2	20	997.7	589.3	41.3	0.0	1587.0	3	
2	14	798	-35	-7	0	-0	3	262.5	101.0	25.8	0.0	363.6	3	
7	14	-2210	41	8	0	1	-9	726.8	258.9	30.1	0.0	985.7	3	
8	14	-1102	48	12	0	1	-4	362.5	145.7	35.5	0.0	508.2	3	
9	14	3033	-56	-8	0	-1	12	997.7	349.2	41.3	0.0	1346.9	3	
2	27	798	-35	-7	0	0	-2	262.6	54.2	25.8	0.0	316.8	3	
7	27	-2209	41	8	0	-1	-3	726.6	104.9	30.1	0.0	831.6	3	
8	27	-1102	48	12	0	-1	2	362.5	78.2	35.5	0.0	440.7	3	
9	27	3033	-56	-8	0	1	5	997.7	140.5	41.3	0.0	1138.2	3	

ASTA NUM. 301 NI 4943 NF 4902 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	146	-4	2	0	0	1	48.0	45.1	3.3	0.0	93.1	3	
7	0	-1242	7	-2	0	-1	-6	408.6	177.4	5.3	0.0	586.0	3	
8	0	-202	6	-3	0	-1	-2	66.6	65.9	4.6	0.0	132.5	3	
9	0	1706	-10	2	0	1	8	561.2	240.0	7.3	0.0	801.2	3	
2	14	146	-4	2	0	0	1	48.0	21.8	3.3	0.0	69.8	3	
7	14	-1242	7	-2	0	-0	-5	408.6	142.1	5.3	0.0	550.7	3	
8	14	-202	6	-3	0	-0	-1	66.6	31.4	4.6	0.0	97.9	3	
9	14	1706	-10	2	0	0	7	561.2	194.0	7.3	0.0	755.2	3	
2	27	146	-4	2	0	-0	-0	48.1	1.6	3.3	0.0	49.7	5	
7	27	-1242	7	-2	0	0	-4	408.6	111.8	5.3	0.0	520.4	3	
8	27	-202	6	-3	0	0	0	66.5	3.2	4.6	0.0	69.7	3	
9	27	1706	-10	2	0	-0	6	561.2	152.6	7.3	0.0	713.8	3	

ASTA NUM. 68 NI 4902 NF 4903 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	44	0	-1	0	-0	0	14.4	5.3	0.4	0.0	19.7	3	
7	0	-969	-1	1	0	0	-4	318.8	107.3	0.8	0.0	426.1	3	
8	0	-61	-1	1	0	0	-0	20.1	8.3	0.9	0.0	28.4	3	
9	0	1332	1	-1	0	-0	5	438.2	146.4	1.1	0.0	584.6	3	
2	5	44	0	-1	0	-0	0	14.4	5.1	0.4	0.0	19.5	3	
7	5	-969	-1	1	0	0	-4	318.8	107.3	0.8	0.0	426.1	3	
8	5	-61	-1	1	0	0	-0	20.1	7.6	0.9	0.0	27.6	3	
9	5	1332	1	-1	0	-0	5	438.2	147.0	1.1	0.0	585.2	3	
2	10	44	0	-1	0	0	0	14.4	6.0	0.4	0.0	20.5	3	
7	10	-969	-1	1	0	-0	-4	318.7	108.1	0.8	0.0	426.9	3	
8	10	-61	-1	1	0	-0	-0	20.0	8.4	0.9	0.0	28.4	3	
9	10	1332	1	-1	0	0	5	438.2	148.6	1.1	0.0	586.7	3	

ASTA NUM. 66 NI 4903 NF 4904 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1	-0	0	0	0	0	0.3	2.4	0.2	0.0	2.7	3	
7	0	-677	3	-0	0	-0	-4	222.6	99.3	2.5	0.0	321.9	3	
8	0	-2	0	-0	0	-0	-0	0.7	3.3	0.2	0.0	4.0	3	
9	0	929	-5	0	0	0	5	305.7	136.5	3.4	0.0	442.2	3	
2	27	1	-0	0	0	0	0	0.4	0.3	0.2	0.0	0.7	2	
7	27	-676	3	-0	0	0	-3	222.5	74.2	2.5	0.0	296.7	3	
8	27	-2	0	-0	0	-0	0	0.6	0.4	0.2	0.0	1.1	2	
9	27	930	-5	0	0	-0	4	305.8	102.0	3.4	0.0	407.8	3	
2	55	1	-0	0	0	-0	-0	0.5	1.6	0.2	0.0	2.1	3	
7	55	-676	3	-0	0	0	-2	222.4	49.8	2.5	0.0	272.3	3	
8	55	-2	0	-0	0	0	0	0.5	2.2	0.2	0.0	2.7	3	
9	55	930	-5	0	0	-0	2	305.9	68.5	3.4	0.0	374.4	3	

ASTA NUM. 67 NI 4904 NF 4901 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	-0	-0	3.2	1.5	0.0	0.0	4.6	3	
7	0	-240	3	0	0	0	-2	78.8	49.1	2.2	0.0	128.0	3	
8	0	12	-0	-0	0	0	0	4.1	2.0	0.1	0.0	6.1	3	
9	0	329	-4	-0	0	-0	2	108.1	67.6	3.1	0.0	175.7	3	
2	27	-9	0	0	0	-0	-0	3.1	1.1	0.0	0.0	4.2	3	
7	27	-239	3	0	0	0	-1	78.7	26.6	2.2	0.0	105.3	3	
8	27	13	-0	-0	0	0	0	4.2	1.6	0.1	0.0	5.8	3	
9	27	329	-4	-0	0	-0	1	108.2	36.5	3.1	0.0	144.7	3	
2	55	-9	0	0	0	-0	-0	3.0	0.8	0.0	0.0	3.8	3	
7	55	-239	3	0	0	0	-0	78.6	4.0	2.2	0.0	82.6	3	
8	55	13	-0	-0	0	0	0	4.3	1.1	0.1	0.0	5.4	3	
9	55	329	-4	-0	0	-0	0	108.3	5.5	3.1	0.0	113.8	3	

ASTA NUM. 69 NI 4901 NF 4899 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	-0	0	-0	-0	3.7	1.9	0.2	0.0	5.5	3	
7	0	-2	0	0	0	0	-0	0.6	0.6	0.1	0.0	1.2	3	
8	0	15	-0	0	0	0	0	5.0	2.6	0.3	0.0	7.6	3	
9	0	2	-0	-0	0	-0	0	0.7	0.8	0.1	0.0	1.5	3	
2	5	-11	0	-0	0	-0	-0	3.6	1.3	0.2	0.0	5.0	3	
7	5	-2	0	0	0	0	0	0.6	0.2	0.1	0.0	0.7	2	
8	5	15	-0	0	0	0	0	5.0	1.8	0.3	0.0	6.8	3	
9	5	2	-0	-0	0	-0	0	0.8	0.2	0.1	0.0	1.0	2	
2	10	-11	0	-0	0	0	-0	3.6	0.8	0.2	0.0	4.4	3	
7	10	-2	0	0	0	0	0	0.5	0.0	0.1	0.0	0.6	2	
8	10	15	-0	0	0	-0	0	5.0	1.0	0.3	0.0	6.1	3	
9	10	2	-0	-0	0	-0	0	0.8	0.0	0.1	0.0	0.8	2	

ASTA NUM. 70 NI 4899 NF 4900 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	0	-0	2.9	1.3	0.1	0.0	4.2	3	
7	0	9	-0	-0	0	0	0	3.1	1.9	0.2	0.0	5.0	3	
8	0	12	-0	-0	0	-0	0	3.8	1.8	0.1	0.0	5.7	3	
9	0	-13	0	0	0	-0	-0	4.4	2.5	0.2	0.0	7.0	3	
2	14	-9	0	0	0	-0	-0	2.8	1.0	0.1	0.0	3.9	3	
7	14	10	-0	-0	0	0	0	3.2	1.2	0.2	0.0	4.4	3	
8	14	12	-0	-0	0	0	0	3.9	1.4	0.1	0.0	5.3	3	
9	14	-13	0	0	0	-0	-0	4.4	1.7	0.2	0.0	6.1	3	
2	27	-9	0	0	0	-0	-0	2.8	0.7	0.1	0.0	3.5	3	
7	27	10	-0	-0	0	0	0	3.2	0.6	0.2	0.0	3.8	3	
8	27	12	-0	-0	0	0	0	3.9	1.0	0.1	0.0	5.0	3	
9	27	-13	0	0	0	-0	-0	4.3	0.8	0.2	0.0	5.2	3	

ASTA NUM. 415 NI 4900 NF 4987 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-17	0	-0	0	-0	-0	5.4	2.9	0.2	0.0	8.3	3	
7	0	10	-1	0	0	0	0	3.4	3.4	0.4	0.0	6.8	3	
8	0	22	-0	0	0	0	0	7.1	4.0	0.3	0.0	11.1	3	
9	0	-15	1	-0	0	-0	-0	5.0	4.7	0.5	0.0	9.7	3	
2	14	-16	0	-0	0	-0	-0	5.3	1.9	0.2	0.0	7.2	3	
7	14	11	-1	0	0	0	0	3.5	1.4	0.4	0.0	4.9	3	
8	14	22	-0	0	0	0	0	7.3	2.6	0.3	0.0	9.8	3	
9	14	-15	1	-0	0	-0	-0	4.9	1.9	0.5	0.0	6.8	3	
2	27	-16	0	-0	0	0	-0	5.2	0.9	0.2	0.0	6.0	1	
7	27	11	-1	0	0	0	-0	3.7	0.7	0.4	0.0	4.4	1	
8	27	23	-0	0	0	0	0	7.4	1.1	0.3	0.0	8.6	1	
9	27	-14	1	-0	0	0	0	4.7	1.0	0.5	0.0	5.7	1	

ASTA NUM. 442 NI 4978 NF 4750 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

cm		kg		kg*m				kg/cmq					
2	0	2	0	-0	0	0	-0	0.7	1.4	0.3	0.0	2.2	3
7	0	-31	-0	0	0	-0	-0	10.2	2.3	0.2	0.0	12.5	3
8	0	-4	-1	0	0	-0	0	1.3	2.0	0.5	0.0	3.3	3
9	0	42	0	-0	0	0	0	13.7	3.2	0.3	0.0	16.9	3
2	14	3	0	-0	0	0	0	0.9	0.5	0.3	0.0	1.4	5
7	14	-31	-0	0	0	-0	-0	10.1	3.5	0.2	0.0	13.5	3
8	14	-4	-1	0	0	-0	-0	1.2	0.6	0.5	0.0	1.8	5
9	14	42	0	-0	0	0	0	13.8	4.8	0.3	0.0	18.6	3
2	27	3	0	-0	0	0	0	1.0	2.4	0.3	0.0	3.4	3
7	27	-30	-0	0	0	-0	-0	9.9	4.6	0.2	0.0	14.6	3
8	27	-3	-1	0	0	-0	-0	1.0	3.3	0.5	0.0	4.3	3
9	27	42	0	-0	0	0	0	14.0	6.4	0.3	0.0	20.3	3

ASTA NUM. 82 NI 4750 NF 4748 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	6	0	0	0	0	0	2.1	0.3	0.1	0.0	2.4	2	
7	0	-14	-0	-0	0	-0	-0	4.6	1.4	0.1	0.0	6.0	3	
8	0	-9	-0	-0	0	-0	0	2.9	0.4	0.2	0.0	3.4	2	
9	0	19	0	0	0	0	0	6.3	1.9	0.1	0.0	8.1	3	
2	14	6	0	0	0	0	0	2.1	0.9	0.1	0.0	3.0	3	
7	14	-14	-0	-0	0	-0	-0	4.6	1.6	0.1	0.0	6.2	3	
8	14	-9	-0	-0	0	-0	-0	2.9	1.2	0.2	0.0	4.1	3	
9	14	19	0	0	0	0	0	6.3	2.2	0.1	0.0	8.6	3	
2	27	7	0	0	0	0	0	2.2	1.5	0.1	0.0	3.6	3	
7	27	-14	-0	-0	0	0	-0	4.5	1.9	0.1	0.0	6.4	3	
8	27	-9	-0	-0	0	-0	-0	2.8	2.0	0.2	0.0	4.9	3	
9	27	19	0	0	0	-0	0	6.4	2.6	0.1	0.0	9.0	3	

ASTA NUM. 83 NI 4748 NF 4749 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	-0	-0	0	0	0	1.6	0.0	0.1	0.0	1.6	2	
7	0	-16	-0	0	0	0	-0	5.3	1.3	0.3	0.0	6.5	3	
8	0	6	0	0	0	-0	0	2.1	0.4	0.1	0.0	2.5	3	
9	0	22	0	-0	0	-0	0	7.2	1.8	0.3	0.0	9.0	3	
2	5	-5	-0	-0	0	0	-0	1.5	0.6	0.1	0.0	2.2	3	
7	5	-16	-0	0	0	-0	-0	5.2	1.9	0.3	0.0	7.1	3	
8	5	6	0	0	0	-0	0	2.1	0.9	0.1	0.0	3.0	3	
9	5	22	0	-0	0	0	0	7.2	2.6	0.3	0.0	9.8	3	
2	10	-5	-0	-0	0	0	-0	1.5	1.0	0.1	0.0	2.5	3	
7	10	-16	-0	0	0	-0	-0	5.2	2.4	0.3	0.0	7.7	3	
8	10	6	0	0	0	-0	0	2.1	1.3	0.1	0.0	3.5	3	
9	10	22	0	-0	0	0	0	7.2	3.3	0.3	0.0	10.6	3	

ASTA NUM. 80 NI 4749 NF 4751 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-242	-3	-0	0	0	-0	79.5	4.3	2.2	0.0	83.7	3	
7	0	-13	-0	-0	0	-0	-0	4.4	1.3	0.0	0.0	5.7	3	
8	0	332	4	0	0	-0	0	109.0	5.9	3.1	0.0	114.9	3	
9	0	18	0	0	0	0	0	5.8	1.8	0.0	0.0	7.6	3	
2	27	-241	-3	-0	0	0	-1	79.4	26.8	2.2	0.0	106.2	3	
7	27	-13	-0	-0	0	-0	-0	4.3	1.6	0.0	0.0	5.8	3	
8	27	332	4	0	0	-0	1	109.1	36.9	3.1	0.0	146.0	3	
9	27	18	0	0	0	0	0	5.9	2.1	0.0	0.0	8.0	3	
2	55	-241	-3	-0	0	0	-2	79.3	49.3	2.2	0.0	128.6	3	
7	55	-13	-0	-0	0	-0	-0	4.2	1.8	0.0	0.0	5.9	3	
8	55	332	4	0	0	-0	2	109.2	67.9	3.1	0.0	177.1	3	
9	55	18	0	0	0	0	0	6.0	2.4	0.0	0.0	8.4	3	

ASTA NUM. 81 NI 4751 NF 4746 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-677	-3	0	0	0	-2	222.8	49.9	2.5	0.0	272.7	3
7	0	-0	0	-0	0	-0	-0	0.1	1.9	0.2	0.0	1.9	3
8	0	931	5	-0	0	-0	2	306.2	68.7	3.4	0.0	374.8	3
9	0	-0	-0	0	0	0	0	0.0	2.6	0.2	0.0	2.6	3
2	27	-677	-3	0	0	0	-3	222.7	74.3	2.5	0.0	297.0	3
7	27	0	0	-0	0	0	0	0.0	0.3	0.2	0.0	0.4	2
8	27	931	5	-0	0	-0	4	306.3	102.2	3.4	0.0	408.4	3
9	27	0	-0	0	0	-0	0	0.1	0.3	0.2	0.0	0.6	2
2	55	-677	-3	0	0	-0	-4	222.6	99.3	2.5	0.0	322.0	3
7	55	0	0	-0	0	0	0	0.1	2.4	0.2	0.0	2.5	3
8	55	931	5	-0	0	0	5	306.4	136.6	3.4	0.0	443.0	3
9	55	0	-0	0	0	-0	-0	0.1	3.3	0.2	0.0	3.4	3

ASTA NUM. 84 NI 4746 NF 4747 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-969	1	-1	0	-0	-4	318.7	107.9	0.7	0.0	426.6	3	
7	0	45	-0	1	0	0	0	14.7	6.1	0.7	0.0	20.8	3	
8	0	1333	-1	1	0	0	5	438.5	148.4	1.0	0.0	586.9	3	
9	0	-61	1	-1	0	-0	-0	20.0	8.3	0.6	0.0	28.4	3	
2	5	-969	1	-1	0	0	-4	318.7	106.9	0.7	0.0	425.6	3	
7	5	45	-0	1	0	-0	0	14.7	5.6	0.7	0.0	20.3	3	
8	5	1333	-1	1	0	-0	5	438.5	147.5	1.0	0.0	586.0	3	
9	5	-61	1	-1	0	0	-0	20.0	7.1	0.6	0.0	27.1	3	
2	10	-969	1	-1	0	0	-4	318.7	106.5	0.7	0.0	425.2	3	
7	10	45	-0	1	0	-0	0	14.7	6.2	0.7	0.0	20.9	3	
8	10	1333	-1	1	0	-0	5	438.5	147.5	1.0	0.0	586.0	3	
9	10	-61	1	-1	0	0	-0	20.0	7.4	0.6	0.0	27.4	3	

ASTA NUM. 74 NI 4747 NF 4636 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1241	-7	2	0	0	-4	408.2	110.7	5.3	0.0	519.0	3	
7	0	149	5	-2	0	-0	-0	49.0	2.3	3.3	0.0	51.3	3	
8	0	1707	10	-3	0	-0	6	561.5	153.3	7.4	0.0	714.8	3	
9	0	-204	-6	3	0	0	0	66.9	2.2	4.6	0.0	69.2	5	
2	14	-1240	-7	2	0	-0	-5	408.1	140.8	5.3	0.0	548.9	3	
7	14	149	5	-2	0	0	1	49.0	23.1	3.3	0.0	72.1	3	
8	14	1707	10	-3	0	0	7	561.5	195.0	7.4	0.0	756.5	3	
9	14	-203	-6	3	0	-0	-1	66.9	30.3	4.6	0.0	97.2	3	
2	27	-1240	-7	2	0	-0	-6	407.9	173.9	5.3	0.0	581.8	3	
7	27	149	5	-2	0	1	1	49.1	48.5	3.3	0.0	97.6	3	
8	27	1707	10	-3	0	1	8	561.5	243.0	7.4	0.0	804.5	3	
9	27	-203	-6	3	0	-1	-2	66.8	62.8	4.6	0.0	129.7	3	

ASTA NUM. 73 NI 4636 NF 4637 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2201	-41	-6	0	-0	-3	724.0	101.5	30.0	0.0	825.6	3	
7	0	808	35	9	0	1	-2	265.8	57.2	25.9	0.0	322.9	3	
8	0	3031	56	10	0	1	5	997.0	143.3	41.3	0.0	1140.4	3	
9	0	-1106	-48	-10	0	-1	2	363.8	74.8	35.6	0.0	438.6	3	
2	14	-2201	-41	-6	0	0	-9	724.0	252.3	30.0	0.0	976.4	3	
7	14	808	35	9	0	-1	3	265.8	107.2	25.9	0.0	373.0	3	
8	14	3031	56	10	0	-1	12	997.0	353.7	41.3	0.0	1350.7	3	
9	14	-1106	-48	-10	0	1	-4	363.8	140.5	35.6	0.0	504.3	3	
2	27	-2201	-41	-6	0	1	-14	724.0	424.7	30.0	0.0	1148.7	3	
7	27	808	35	9	0	-2	8	265.9	271.5	25.9	0.0	537.3	3	
8	27	3031	56	10	0	-2	20	997.0	601.2	41.3	0.0	1598.3	3	
9	27	-1106	-48	-10	0	2	-11	363.8	355.7	35.6	0.0	719.5	3	

ASTA NUM. 292 NI 4637 NF 4939 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	792	-35	-7	0	-1	8	260.6	254.2	25.6	0.0	514.8	3	
7	0	-2217	41	8	0	2	-15	729.3	441.9	30.3	0.0	1171.1	3	
8	0	-1094	48	12	0	2	-11	359.9	367.0	35.3	0.0	726.8	3	

9	0	3042	-56	-8	0	-2	20	1000.7	590.0	41.5	0.0	1590.7	3
2	14	792	-35	-7	0	-0	3	260.6	100.1	25.6	0.0	360.7	3
7	14	-2217	41	8	0	1	-9	729.3	259.3	30.3	0.0	988.6	3
8	14	-1094	48	12	0	1	-4	359.9	144.5	35.3	0.0	504.3	3
9	14	3042	-56	-8	0	-1	12	1000.8	349.7	41.5	0.0	1350.5	3
2	27	792	-35	-7	0	0	-2	260.7	54.0	25.6	0.0	314.7	3
7	27	-2217	41	8	0	-1	-3	729.3	104.8	30.3	0.0	834.1	3
8	27	-1094	48	12	0	-1	2	359.9	78.0	35.3	0.0	437.9	3
9	27	3043	-56	-8	0	1	5	1001.0	140.4	41.5	0.0	1141.4	3

ASTA NUM. 293 NI 4939 NF 4896 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	143	-4	2	0	0	1	47.0	44.5	3.3	0.0	91.5	3			
7	0	-1246	7	-2	0	-1	-6	409.9	178.0	5.4	0.0	587.9	3			
8	0	-198	6	-3	0	-1	-2	65.3	65.0	4.5	0.0	130.3	3			
9	0	1712	-10	2	0	1	8	563.2	240.8	7.4	0.0	804.0	3			
2	14	143	-4	2	0	0	1	47.1	21.4	3.3	0.0	68.4	3			
7	14	-1246	7	-2	0	-0	-5	409.9	142.6	5.4	0.0	552.4	3			
8	14	-198	6	-3	0	-0	-1	65.2	30.8	4.5	0.0	96.0	3			
9	14	1712	-10	2	0	0	7	563.2	194.5	7.4	0.0	757.7	3			
2	27	143	-4	2	0	-0	-0	47.1	1.8	3.3	0.0	48.9	5			
7	27	-1246	7	-2	0	0	-4	409.9	112.0	5.4	0.0	521.8	3			
8	27	-198	6	-3	0	0	0	65.2	3.4	4.5	0.0	68.6	3			
9	27	1712	-10	2	0	-0	6	563.2	152.8	7.4	0.0	716.0	3			

ASTA NUM. 77 NI 4896 NF 4893 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	41	0	-1	0	-0	0	13.5	4.9	0.4	0.0	18.4	3			
7	0	-972	-1	1	0	0	-4	319.9	107.8	0.7	0.0	427.7	3			
8	0	-57	-1	1	0	0	-0	18.8	7.8	0.9	0.0	26.7	3			
9	0	1336	1	-1	0	-0	5	439.5	147.1	1.0	0.0	586.5	3			
2	5	41	0	-1	0	-0	0	13.5	4.8	0.4	0.0	18.3	3			
7	5	-972	-1	1	0	0	-4	319.9	107.7	0.7	0.0	427.6	3			
8	5	-57	-1	1	0	0	-0	18.8	7.1	0.9	0.0	26.0	3			
9	5	1336	1	-1	0	-0	5	439.5	147.5	1.0	0.0	587.0	3			
2	10	41	0	-1	0	0	0	13.5	5.7	0.4	0.0	19.3	3			
7	10	-972	-1	1	0	-0	-4	319.9	108.3	0.7	0.0	428.2	3			
8	10	-57	-1	1	0	-0	-0	18.8	7.9	0.9	0.0	26.8	3			
9	10	1336	1	-1	0	0	5	439.5	148.8	1.0	0.0	588.3	3			

ASTA NUM. 79 NI 4893 NF 4894 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-2	-0	0	0	0	0	0.7	2.1	0.2	0.0	2.8	3			
7	0	-679	3	-0	0	-0	-4	223.5	99.7	2.5	0.0	323.1	3			
8	0	2	0	-0	0	-0	-0	0.7	2.9	0.2	0.0	3.6	3			
9	0	933	-5	0	0	0	5	306.9	137.0	3.4	0.0	443.8	3			
2	27	-2	-0	0	0	0	0	0.6	0.2	0.2	0.0	0.9	2			
7	27	-679	3	-0	0	0	-3	223.4	74.5	2.5	0.0	297.9	3			
8	27	2	0	-0	0	-0	0	0.8	0.3	0.2	0.0	1.2	2			
9	27	933	-5	0	0	-0	4	307.0	102.4	3.4	0.0	409.4	3			
2	55	-2	-0	0	0	-0	-0	0.5	2.0	0.2	0.0	2.5	3			
7	55	-679	3	-0	0	0	-2	223.3	50.1	2.5	0.0	273.3	3			
8	55	3	0	-0	0	0	0	0.9	2.7	0.2	0.0	3.6	3			
9	55	934	-5	0	0	-0	3	307.1	68.8	3.4	0.0	375.9	3			

ASTA NUM. 78 NI 4894 NF 4895 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-14	0	0	0	-0	-0	4.6	1.9	0.0	0.0	6.5	3			
7	0	-242	3	0	0	0	-2	79.7	49.5	2.2	0.0	129.2	3			
8	0	18	-0	-0	0	0	0	6.1	2.6	0.0	0.0	8.7	3			
9	0	332	-4	-0	0	-0	2	109.3	68.0	3.1	0.0	177.3	3			
2	27	-14	0	0	0	-0	-0	4.5	1.6	0.0	0.0	6.1	3			

7	27	-242	3	0	0	0	-1	79.6	26.9	2.2	0.0	106.5	3
8	27	19	-0	-0	0	0	0	6.2	2.2	0.0	0.0	8.4	3
9	27	333	-4	-0	0	-0	1	109.4	37.0	3.1	0.0	146.4	3
2	55	-13	0	0	0	-0	-0	4.4	1.4	0.0	0.0	5.8	3
7	55	-242	3	0	0	0	-0	79.5	4.3	2.2	0.0	83.8	3
8	55	19	-0	-0	0	0	0	6.3	1.9	0.0	0.0	8.1	3
9	55	333	-4	-0	0	-0	0	109.5	5.9	3.1	0.0	115.4	3

ASTA NUM. 76 NI 4895 NF 4897 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-16	0	-0	0	-0	-0	5.3	2.4	0.3	0.0	7.8	3	
7	0	-5	0	0	0	0	-0	1.6	1.0	0.1	0.0	2.6	3	
8	0	22	-0	0	0	0	0	7.2	3.4	0.4	0.0	10.6	3	
9	0	7	-0	-0	0	-0	0	2.1	1.4	0.2	0.0	3.5	3	
2	5	-16	0	-0	0	-0	-0	5.3	1.9	0.3	0.0	7.2	3	
7	5	-5	0	0	0	0	-0	1.6	0.6	0.1	0.0	2.2	3	
8	5	22	-0	0	0	0	0	7.3	2.6	0.4	0.0	9.8	3	
9	5	7	-0	-0	0	-0	0	2.2	0.9	0.2	0.0	3.0	3	
2	10	-16	0	-0	0	0	-0	5.3	1.3	0.3	0.0	6.6	3	
7	10	-5	0	0	0	0	0	1.6	0.0	0.1	0.0	1.6	2	
8	10	22	-0	0	0	-0	0	7.3	1.8	0.4	0.0	9.1	3	
9	10	7	-0	-0	0	-0	0	2.2	0.4	0.2	0.0	2.6	3	

ASTA NUM. 75 NI 4897 NF 4898 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-14	0	0	0	0	-0	4.6	1.9	0.1	0.0	6.5	3	
7	0	6	-0	-0	0	0	0	2.1	1.5	0.1	0.0	3.6	3	
8	0	19	-0	-0	0	-0	0	6.2	2.6	0.1	0.0	8.8	3	
9	0	-9	0	0	0	-0	-0	3.0	2.0	0.2	0.0	5.0	3	
2	14	-14	0	0	0	-0	-0	4.6	1.6	0.1	0.0	6.2	3	
7	14	6	-0	-0	0	0	0	2.1	0.9	0.1	0.0	3.0	3	
8	14	19	-0	-0	0	0	0	6.3	2.2	0.1	0.0	8.5	3	
9	14	-9	0	0	0	-0	-0	2.9	1.2	0.2	0.0	4.2	3	
2	27	-14	0	0	0	-0	-0	4.5	1.3	0.1	0.0	5.9	3	
7	27	7	-0	-0	0	0	0	2.2	0.3	0.1	0.0	2.5	2	
8	27	19	-0	-0	0	0	0	6.3	1.8	0.1	0.0	8.2	3	
9	27	-9	0	0	0	-0	0	2.9	0.4	0.2	0.0	3.3	2	

ASTA NUM. 419 NI 4898 NF 4983 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-30	0	-0	0	-0	-0	9.9	4.6	0.2	0.0	14.5	3	
7	0	3	-0	0	0	0	0	1.0	2.4	0.3	0.0	3.5	3	
8	0	40	-0	0	0	0	0	13.3	6.3	0.3	0.0	19.6	3	
9	0	-5	1	-0	0	-0	-0	1.7	3.3	0.5	0.0	5.1	3	
2	14	-30	0	-0	0	-0	-0	9.8	3.4	0.2	0.0	13.2	3	
7	14	4	-0	0	0	0	0	1.2	0.6	0.3	0.0	1.7	3	
8	14	41	-0	0	0	0	0	13.4	4.7	0.3	0.0	18.1	3	
9	14	-5	1	-0	0	-0	-0	1.6	0.8	0.5	0.0	2.4	3	
2	27	-29	0	-0	0	0	-0	9.6	2.2	0.2	0.0	11.8	1	
7	27	4	-0	0	0	0	-0	1.3	1.3	0.3	0.0	2.6	1	
8	27	41	-0	0	0	0	0	13.6	3.0	0.3	0.0	16.6	1	
9	27	-4	1	-0	0	-0	0	1.5	1.8	0.5	0.0	3.2	1	

ASTA NUM. 443 NI 4977 NF 4744 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-31	-1	-0	0	-0	-0	10.3	1.3	0.4	0.0	11.6	3	
7	0	-9	0	0	0	-0	-0	3.0	1.8	0.2	0.0	4.8	3	
8	0	42	1	0	0	0	0	13.9	1.8	0.6	0.0	15.7	3	
9	0	12	-0	-0	0	0	0	3.8	2.5	0.2	0.0	6.3	3	
2	14	-31	-1	-0	0	0	-0	10.2	3.5	0.4	0.0	13.7	3	
7	14	-9	0	0	0	-0	-0	2.8	1.0	0.2	0.0	3.9	3	
8	14	43	1	0	0	-0	0	14.0	4.9	0.6	0.0	18.9	3	
9	14	12	-0	-0	0	0	0	3.9	1.5	0.2	0.0	5.4	3	

2	27	-30	-1	-0	0	0	-0	10.0	5.8	0.4	0.0	15.8	3
7	27	-8	0	0	0	-0	0	2.7	0.2	0.2	0.0	2.9	2
8	27	43	1	0	0	-0	0	14.2	8.0	0.6	0.0	22.2	3
9	27	12	-0	-0	0	0	0	4.1	0.3	0.2	0.0	4.4	2

ASTA NUM. 87 NI 4744 NF 4745 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-19	-0	0	0	0	-0	6.1	1.3	0.2	0.0	7.4	3	
7	0	-1	0	-0	0	-0	-0	0.2	0.7	0.1	0.0	0.9	3	
8	0	25	0	-0	0	-0	0	8.4	1.8	0.3	0.0	10.1	3	
9	0	1	-0	0	0	0	0	0.2	0.9	0.1	0.0	1.1	3	
2	14	-18	-0	0	0	0	-0	6.1	2.1	0.2	0.0	8.2	3	
7	14	-0	0	-0	0	-0	0	0.1	0.1	0.1	0.0	0.3	2	
8	14	26	0	-0	0	-0	0	8.4	3.0	0.3	0.0	11.4	3	
9	14	1	-0	0	0	0	0	0.2	0.1	0.1	0.0	0.4	2	
2	27	-18	-0	0	0	0	-0	6.0	3.0	0.2	0.0	9.0	3	
7	27	-0	0	-0	0	-0	0	0.1	0.4	0.1	0.0	0.5	3	
8	27	26	0	-0	0	-0	0	8.5	4.1	0.3	0.0	12.6	3	
9	27	1	-0	0	0	0	-0	0.3	0.5	0.1	0.0	0.8	3	

ASTA NUM. 86 NI 4745 NF 4741 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-42	-2	-0	0	0	-0	13.7	2.4	1.1	0.0	16.1	3	
7	0	2	0	0	0	-0	0	0.7	0.0	0.3	0.0	0.8	2	
8	0	57	2	0	0	-0	0	18.8	3.3	1.6	0.0	22.2	3	
9	0	-3	-0	-0	0	0	0	1.0	0.3	0.4	0.0	1.3	5	
2	5	-42	-2	-0	0	0	-0	13.7	4.7	1.1	0.0	18.4	3	
7	5	2	0	0	0	-0	0	0.7	0.1	0.3	0.0	0.9	2	
8	5	57	2	0	0	-0	0	18.9	6.4	1.6	0.0	25.3	3	
9	5	-3	-0	-0	0	0	-0	1.0	0.5	0.4	0.0	1.4	5	
2	10	-42	-2	-0	0	0	-0	13.7	6.9	1.1	0.0	20.6	3	
7	10	2	0	0	0	-0	0	0.8	0.9	0.3	0.0	1.7	3	
8	10	57	2	0	0	-0	0	18.9	9.6	1.6	0.0	28.4	3	
9	10	-3	-0	-0	0	0	-0	0.9	1.2	0.4	0.0	2.2	3	

ASTA NUM. 89 NI 4741 NF 4742 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-281	-3	-0	0	0	-0	92.4	5.7	2.5	0.0	98.0	3	
7	0	1	0	-0	0	-0	0	0.3	0.2	0.0	0.0	0.5	2	
8	0	386	5	0	0	-0	0	126.8	7.8	3.5	0.0	134.6	3	
9	0	-2	-0	0	0	0	0	0.6	0.6	0.1	0.0	1.2	3	
2	27	-280	-3	-0	0	0	-1	92.3	31.1	2.5	0.0	123.3	3	
7	27	1	0	-0	0	-0	0	0.4	0.2	0.0	0.0	0.6	2	
8	27	386	5	0	0	-0	2	126.9	42.8	3.5	0.0	169.7	3	
9	27	-2	-0	0	0	0	0	0.5	0.2	0.1	0.0	0.7	2	
2	55	-280	-3	-0	0	0	-2	92.2	56.5	2.5	0.0	148.7	3	
7	55	2	0	-0	0	-0	0	0.5	0.6	0.0	0.0	1.1	3	
8	55	386	5	0	0	-0	3	127.0	77.7	3.5	0.0	204.7	3	
9	55	-1	-0	0	0	0	-0	0.4	0.9	0.1	0.0	1.3	3	

ASTA NUM. 88 NI 4742 NF 4743 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-704	-3	0	0	0	-2	231.6	54.8	2.3	0.0	286.5	3	
7	0	-11	-0	-0	0	-0	0	3.7	1.0	0.2	0.0	4.7	3	
8	0	968	4	-0	0	-0	3	318.3	75.4	3.1	0.0	393.7	3	
9	0	15	0	0	0	0	-0	4.9	1.4	0.3	0.0	6.3	3	
2	27	-704	-3	0	0	-0	-3	231.5	77.2	2.3	0.0	308.8	3	
7	27	-11	-0	-0	0	0	-0	3.6	1.4	0.2	0.0	5.0	3	
8	27	968	4	-0	0	0	4	318.4	106.2	3.1	0.0	424.6	3	
9	27	15	0	0	0	-0	0	5.0	1.9	0.3	0.0	7.0	3	
2	55	-704	-3	0	0	-0	-4	231.4	100.3	2.3	0.0	331.8	3	
7	55	-11	-0	-0	0	0	-0	3.5	3.8	0.2	0.0	7.3	3	

8 55 968 4 -0 0 0 5 318.5 137.9 3.1 0.0 456.4 3
 9 55 16 0 0 0 -0 0 5.1 5.2 0.3 0.0 10.4 3

ASTA NUM. 85 NI 4743 NF 4739 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-910	-4	-1	0	-0	-3	299.4	95.2	2.7	0.0	394.6	3	
7	0	-59	0	1	0	0	-0	19.5	7.2	0.5	0.0	26.7	3	
8	0	1251	5	1	0	0	5	411.5	130.9	3.7	0.0	542.4	3	
9	0	81	-0	-1	0	-0	0	26.8	9.8	0.8	0.0	36.6	3	
2	5	-910	-4	-1	0	0	-4	299.4	100.7	2.7	0.0	400.1	3	
7	5	-59	0	1	0	-0	-0	19.5	7.0	0.5	0.0	26.5	3	
8	5	1251	5	1	0	-0	5	411.5	138.3	3.7	0.0	549.8	3	
9	5	81	-0	-1	0	0	0	26.8	9.7	0.8	0.0	36.4	3	
2	10	-910	-4	-1	0	0	-4	299.4	106.9	2.7	0.0	406.3	3	
7	10	-59	0	1	0	-0	-0	19.5	7.8	0.5	0.0	27.3	3	
8	10	1251	5	1	0	-0	5	411.5	146.8	3.7	0.0	558.3	3	
9	10	81	-0	-1	0	0	0	26.8	10.9	0.8	0.0	37.7	3	

ASTA NUM. 96 NI 4739 NF 4740 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-960	-1	2	0	0	-4	315.8	103.4	1.6	0.0	419.2	3	
7	0	-136	-2	-2	0	-0	-0	44.8	9.4	1.4	0.0	54.2	3	
8	0	1319	1	-3	0	-0	5	433.9	141.9	2.1	0.0	575.8	3	
9	0	186	3	3	0	0	0	61.3	13.1	1.9	0.0	74.5	3	
2	14	-960	-1	2	0	-0	-4	315.8	111.4	1.6	0.0	427.2	3	
7	14	-136	-2	-2	0	0	-1	44.8	20.2	1.4	0.0	65.0	3	
8	14	1319	1	-3	0	0	5	433.9	152.9	2.1	0.0	586.8	3	
9	14	186	3	3	0	-0	1	61.3	28.0	1.9	0.0	89.3	3	
2	27	-960	-1	2	0	-1	-4	315.7	123.5	1.6	0.0	439.2	3	
7	27	-136	-2	-2	0	0	-1	44.7	34.0	1.4	0.0	78.7	3	
8	27	1319	1	-3	0	1	6	433.9	169.0	2.1	0.0	602.9	3	
9	27	187	3	3	0	-1	1	61.4	47.3	1.9	0.0	108.7	3	

ASTA NUM. 297 NI 4740 NF 4941 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-889	2	-8	0	-1	-4	292.3	119.1	5.7	0.0	411.4	3	
7	0	-340	-4	7	0	0	-1	111.8	36.2	5.2	0.0	148.0	3	
8	0	1218	-3	10	0	1	5	400.7	163.1	7.4	0.0	563.7	3	
9	0	464	5	-10	0	-1	1	152.7	50.5	7.6	0.0	203.1	3	
2	14	-889	2	-8	0	1	-4	292.3	112.0	5.7	0.0	404.2	3	
7	14	-340	-4	7	0	-1	-1	111.8	51.5	5.2	0.0	163.3	3	
8	14	1218	-3	10	0	-1	5	400.8	152.4	7.4	0.0	553.2	3	
9	14	464	5	-10	0	1	2	152.7	71.7	7.6	0.0	224.4	3	
2	27	-888	2	-8	0	2	-3	292.2	133.3	5.7	0.0	425.5	3	
7	27	-340	-4	7	0	-1	-2	111.8	91.2	5.2	0.0	203.0	3	
8	27	1219	-3	10	0	-2	5	401.0	179.5	7.4	0.0	580.5	3	
9	27	464	5	-10	0	2	3	152.8	127.7	7.6	0.0	280.5	3	

ASTA NUM. 296 NI 4941 NF 4891 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-339	3	-7	0	-2	-2	111.5	92.3	5.4	0.0	203.8	3	
7	0	-888	-2	7	0	2	-3	292.0	131.3	5.5	0.0	423.3	3	
8	0	469	-5	10	0	2	3	154.2	124.6	7.1	0.0	278.8	3	
9	0	1223	3	-11	0	-2	5	402.3	184.2	7.9	0.0	586.5	3	
2	14	-339	3	-7	0	-1	-1	111.5	52.1	5.4	0.0	163.5	3	
7	14	-887	-2	7	0	1	-4	291.9	111.2	5.5	0.0	403.1	3	
8	14	469	-5	10	0	1	2	154.3	70.7	7.1	0.0	225.0	3	
9	14	1223	3	-11	0	-1	5	402.3	154.4	7.9	0.0	556.7	3	
2	27	-339	3	-7	0	0	-1	111.4	36.7	5.4	0.0	148.1	3	
7	27	-887	-2	7	0	-1	-4	291.9	119.0	5.5	0.0	410.8	3	
8	27	469	-5	10	0	-1	1	154.3	49.7	7.1	0.0	204.1	3	
9	27	1223	3	-11	0	1	5	402.3	164.1	7.9	0.0	566.5	3	

ASTA NUM. 92 NI 4891 NF 4889 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-138	2	2	0	0	-1	45.3	34.5	1.4	0.0	79.7	3	
7	0	-961	1	-2	0	-1	-4	316.2	123.3	1.6	0.0	439.6	3	
8	0	189	-3	-2	0	-1	1	62.3	46.8	1.9	0.0	109.1	3	
9	0	1322	-1	3	0	1	6	434.9	170.4	2.2	0.0	605.2	3	
2	14	-137	2	2	0	0	-1	45.2	20.5	1.4	0.0	65.7	3	
7	14	-961	1	-2	0	-0	-4	316.2	111.5	1.6	0.0	427.7	3	
8	14	190	-3	-2	0	-0	1	62.4	28.0	1.9	0.0	90.3	3	
9	14	1322	-1	3	0	0	5	434.9	153.6	2.2	0.0	588.4	3	
2	27	-137	2	2	0	-0	-0	45.2	9.7	1.4	0.0	54.9	3	
7	27	-961	1	-2	0	0	-4	316.2	103.4	1.6	0.0	419.6	3	
8	27	190	-3	-2	0	0	0	62.4	13.2	1.9	0.0	75.6	3	
9	27	1322	-1	3	0	-0	5	434.9	142.4	2.2	0.0	577.2	3	

ASTA NUM. 93 NI 4889 NF 4890 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-61	-0	-1	0	-0	-0	20.1	8.1	0.6	0.0	28.2	3	
7	0	-912	4	1	0	0	-4	300.0	107.0	2.7	0.0	407.0	3	
8	0	84	0	1	0	0	0	27.6	11.0	0.7	0.0	38.6	3	
9	0	1254	-5	-1	0	-0	5	412.5	147.3	3.8	0.0	559.8	3	
2	5	-61	-0	-1	0	-0	-0	20.1	7.2	0.6	0.0	27.3	3	
7	5	-912	4	1	0	0	-4	300.0	100.8	2.7	0.0	400.7	3	
8	5	84	0	1	0	0	0	27.6	9.8	0.7	0.0	37.4	3	
9	5	1254	-5	-1	0	-0	5	412.5	138.7	3.8	0.0	551.2	3	
2	10	-61	-0	-1	0	0	-0	20.0	7.3	0.6	0.0	27.3	3	
7	10	-912	4	1	0	-0	-3	299.9	95.4	2.7	0.0	395.3	3	
8	10	84	0	1	0	-0	0	27.6	10.1	0.7	0.0	37.7	3	
9	10	1254	-5	-1	0	0	5	412.5	131.2	3.8	0.0	543.7	3	

ASTA NUM. 90 NI 4890 NF 4892 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-13	0	0	0	0	-0	4.1	4.0	0.2	0.0	8.1	3	
7	0	-705	3	-0	0	-0	-4	232.0	100.5	2.3	0.0	332.6	3	
8	0	16	-0	-0	0	-0	0	5.4	5.4	0.3	0.0	10.9	3	
9	0	969	-4	0	0	0	5	318.7	138.2	3.1	0.0	456.9	3	
2	27	-12	0	0	0	0	-0	4.1	1.5	0.2	0.0	5.6	3	
7	27	-705	3	-0	0	-0	-3	231.9	77.4	2.3	0.0	309.3	3	
8	27	17	-0	-0	0	-0	0	5.5	2.1	0.3	0.0	7.6	3	
9	27	969	-4	0	0	0	4	318.8	106.3	3.1	0.0	425.2	3	
2	55	-12	0	0	0	-0	0	4.0	0.9	0.2	0.0	4.9	3	
7	55	-705	3	-0	0	0	-2	231.8	54.9	2.3	0.0	286.8	3	
8	55	17	-0	-0	0	0	-0	5.6	1.3	0.3	0.0	6.9	3	
9	55	970	-4	0	0	-0	3	318.9	75.5	3.1	0.0	394.4	3	

ASTA NUM. 91 NI 4892 NF 4888 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	0	-0	0	0	-0	0	0.1	0.5	0.0	0.0	0.6	3	
7	0	-281	3	0	0	0	-2	92.6	56.6	2.5	0.0	149.2	3	
8	0	-1	0	-0	0	0	-0	0.4	0.8	0.0	0.0	1.2	3	
9	0	386	-5	-0	0	-0	3	127.0	77.8	3.5	0.0	204.8	3	
2	27	1	-0	0	0	-0	0	0.2	0.2	0.0	0.0	0.4	2	
7	27	-281	3	0	0	0	-1	92.5	31.1	2.5	0.0	123.6	3	
8	27	-1	0	-0	0	0	0	0.3	0.2	0.0	0.0	0.6	2	
9	27	386	-5	-0	0	-0	2	127.1	42.8	3.5	0.0	169.9	3	
2	55	1	-0	0	0	-0	-0	0.3	0.5	0.0	0.0	0.8	3	
7	55	-281	3	0	0	0	-0	92.4	5.7	2.5	0.0	98.0	3	
8	55	-1	0	-0	0	0	0	0.2	0.6	0.0	0.0	0.9	3	
9	55	387	-5	-0	0	-0	0	127.2	7.8	3.5	0.0	135.0	3	

ASTA NUM. 94 NI 4888 NF 4886 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	2	-0	-0	0	-0	0	0.6	0.9	0.3	0.0	1.5	3	
7	0	-42	2	0	0	0	-0	13.8	7.0	1.1	0.0	20.8	3	
8	0	-3	0	0	0	0	-0	0.9	1.2	0.3	0.0	2.2	3	
9	0	57	-2	-0	0	-0	0	18.9	9.6	1.6	0.0	28.4	3	
2	5	2	-0	-0	0	-0	0	0.6	0.1	0.3	0.0	0.9	2	
7	5	-42	2	0	0	0	-0	13.8	4.7	1.1	0.0	18.5	3	
8	5	-3	0	0	0	0	-0	0.9	0.4	0.3	0.0	1.4	5	
9	5	57	-2	-0	0	-0	0	18.9	6.4	1.6	0.0	25.3	3	
2	10	2	-0	-0	0	-0	0	0.6	0.0	0.3	0.0	0.8	2	
7	10	-42	2	0	0	0	-0	13.8	2.4	1.1	0.0	16.2	3	
8	10	-3	0	0	0	0	0	0.9	0.3	0.3	0.0	1.3	5	
9	10	57	-2	-0	0	-0	0	18.9	3.3	1.6	0.0	22.2	3	

ASTA NUM. 95 NI 4886 NF 4887 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-1	-0	0	0	-0	0	0.2	0.4	0.1	0.0	0.6	3	
7	0	-19	0	-0	0	0	-0	6.2	3.0	0.2	0.0	9.2	3	
8	0	0	0	-0	0	0	-0	0.2	0.5	0.1	0.0	0.7	3	
9	0	25	-0	0	0	-0	0	8.3	4.1	0.3	0.0	12.4	3	
2	14	-1	-0	0	0	-0	0	0.2	0.1	0.1	0.0	0.3	2	
7	14	-19	0	-0	0	0	-0	6.1	2.2	0.2	0.0	8.3	3	
8	14	1	0	-0	0	0	0	0.2	0.1	0.1	0.0	0.4	2	
9	14	25	-0	0	0	-0	0	8.4	2.9	0.3	0.0	11.3	3	
2	27	-0	-0	0	0	-0	-0	0.1	0.7	0.1	0.0	0.8	3	
7	27	-18	0	-0	0	0	-0	6.1	1.3	0.2	0.0	7.4	3	
8	27	1	0	-0	0	0	0	0.3	0.9	0.1	0.0	1.1	3	
9	27	26	-0	0	0	-0	0	8.4	1.8	0.3	0.0	10.2	3	

ASTA NUM. 418 NI 4887 NF 4984 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-9	-0	-0	0	-0	0	2.9	0.2	0.2	0.0	3.1	2	
7	0	-31	1	0	0	0	-0	10.2	5.8	0.4	0.0	16.0	3	
8	0	11	0	0	0	0	0	3.5	0.2	0.2	0.0	3.8	2	
9	0	41	-1	-0	0	-0	0	13.6	8.0	0.6	0.0	21.5	3	
2	14	-8	-0	-0	0	-0	-0	2.7	1.0	0.2	0.0	3.7	3	
7	14	-30	1	0	0	0	-0	10.0	3.5	0.4	0.0	13.5	3	
8	14	11	0	0	0	0	0	3.7	1.4	0.2	0.0	5.1	3	
9	14	42	-1	-0	0	-0	0	13.7	4.8	0.6	0.0	18.5	3	
2	27	-8	-0	-0	0	0	-0	2.6	1.8	0.2	0.0	4.3	1	
7	27	-30	1	0	0	0	-0	9.9	1.2	0.4	0.0	11.1	1	
8	27	12	0	0	0	0	0	3.8	2.4	0.2	0.0	6.2	1	
9	27	42	-1	-0	0	0	0	13.9	1.6	0.6	0.0	15.5	1	

ASTA NUM. 398 NI 4972 NF 4737 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						
2	0	-20	-1	0	0	-0	0	6.5	0.0	0.4	0.0	6.5	2	
7	0	7	0	-0	0	0	0	2.2	0.0	0.2	0.0	2.2	2	
8	0	26	1	-0	0	0	0	8.6	0.0	0.6	0.0	8.7	2	
9	0	-10	-0	0	0	-0	0	3.2	0.0	0.2	0.0	3.3	2	
2	14	-19	-1	0	0	-0	-0	6.3	2.3	0.4	0.0	8.6	3	
7	14	7	0	-0	0	0	0	2.3	0.8	0.2	0.0	3.2	3	
8	14	27	1	-0	0	0	0	8.8	3.1	0.6	0.0	11.9	3	
9	14	-9	-0	0	0	-0	-0	3.1	1.1	0.2	0.0	4.2	3	
2	27	-19	-1	0	0	-0	-0	6.2	4.5	0.4	0.0	10.7	3	
7	27	7	0	-0	0	0	0	2.4	1.7	0.2	0.0	4.2	3	
8	27	27	1	-0	0	0	0	8.9	6.2	0.6	0.0	15.1	3	
9	27	-9	-0	0	0	-0	-0	3.0	2.4	0.2	0.0	5.3	3	

ASTA NUM. 106 NI 4737 NF 4735 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	cm	kg			kg*m			kg/cmq						

2	0	-14	-0	-0	0	-0	-0	4.8	0.8	0.2	0.0	5.6	3
7	0	5	0	0	0	0	0	1.6	0.1	0.1	0.0	1.7	2
8	0	20	0	0	0	0	0	6.5	1.2	0.3	0.0	7.6	3
9	0	-7	-0	-0	0	-0	0	2.2	0.2	0.1	0.0	2.4	2
2	14	-14	-0	-0	0	-0	-0	4.7	1.7	0.2	0.0	6.4	3
7	14	5	0	0	0	0	0	1.6	0.6	0.1	0.0	2.2	3
8	14	20	0	0	0	0	0	6.5	2.3	0.3	0.0	8.9	3
9	14	-7	-0	-0	0	-0	-0	2.2	0.8	0.1	0.0	3.0	3
2	27	-14	-0	-0	0	-0	-0	4.7	2.6	0.2	0.0	7.2	3
7	27	5	0	0	0	-0	0	1.6	0.9	0.1	0.0	2.5	3
8	27	20	0	0	0	0	0	6.6	3.5	0.3	0.0	10.1	3
9	27	-6	-0	-0	0	0	-0	2.1	1.2	0.1	0.0	3.3	3

ASTA NUM. 107 NI 4735 NF 4736 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-38	-2	0	0	-0	-0	12.5	2.0	1.1	0.0	14.5	3	
7	0	7	0	-0	0	-0	0	2.2	0.3	0.2	0.0	2.5	3	
8	0	52	2	-0	0	0	0	17.1	2.8	1.6	0.0	19.9	3	
9	0	-9	-0	0	0	0	-0	3.0	0.4	0.3	0.0	3.5	3	
2	5	-38	-2	0	0	-0	-0	12.4	4.3	1.1	0.0	16.7	3	
7	5	7	0	-0	0	0	0	2.2	0.8	0.2	0.0	3.1	3	
8	5	52	2	-0	0	0	0	17.2	5.9	1.6	0.0	23.1	3	
9	5	-9	-0	0	0	-0	-0	3.0	1.1	0.3	0.0	4.2	3	
2	10	-38	-2	0	0	-0	-0	12.4	6.5	1.1	0.0	19.0	3	
7	10	7	0	-0	0	0	0	2.3	1.4	0.2	0.0	3.6	3	
8	10	52	2	-0	0	0	0	17.2	9.0	1.6	0.0	26.2	3	
9	10	-9	-0	0	0	-0	-0	3.0	1.8	0.3	0.0	4.9	3	

ASTA NUM. 104 NI 4736 NF 4738 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-278	-3	0	0	-0	-0	91.4	5.3	2.5	0.0	96.7	3	
7	0	4	0	0	0	0	0	1.4	0.2	0.0	0.0	1.6	2	
8	0	382	5	-0	0	0	0	125.6	7.3	3.5	0.0	132.8	3	
9	0	-6	-0	-0	0	-0	-0	2.1	0.6	0.0	0.0	2.7	3	
2	27	-278	-3	0	0	-0	-1	91.3	30.8	2.5	0.0	122.1	3	
7	27	5	0	0	0	0	0	1.5	0.6	0.0	0.0	2.1	3	
8	27	382	5	-0	0	0	2	125.7	42.4	3.5	0.0	168.0	3	
9	27	-6	-0	-0	0	-0	-0	2.0	0.9	0.0	0.0	2.9	3	
2	55	-277	-3	0	0	-0	-2	91.2	56.3	2.5	0.0	147.5	3	
7	55	5	0	0	0	0	0	1.6	0.8	0.0	0.0	2.4	3	
8	55	382	5	-0	0	0	3	125.8	77.4	3.5	0.0	203.2	3	
9	55	-6	-0	-0	0	-0	-0	1.9	1.1	0.0	0.0	3.0	3	

ASTA NUM. 105 NI 4738 NF 4733 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-703	-3	-0	0	-0	-2	231.3	54.6	2.3	0.0	285.9	3	
7	0	-10	-0	0	0	0	0	3.4	1.3	0.2	0.0	4.7	3	
8	0	966	4	0	0	0	3	317.8	75.1	3.1	0.0	393.0	3	
9	0	14	0	-0	0	-0	-0	4.5	1.7	0.3	0.0	6.2	3	
2	27	-703	-3	-0	0	0	-3	231.2	77.1	2.3	0.0	308.3	3	
7	27	-10	-0	0	0	-0	-0	3.3	1.3	0.2	0.0	4.6	3	
8	27	966	4	0	0	-0	4	317.9	106.0	3.1	0.0	423.9	3	
9	27	14	0	-0	0	0	0	4.6	1.8	0.3	0.0	6.4	3	
2	55	-703	-3	-0	0	0	-4	231.1	100.3	2.3	0.0	331.4	3	
7	55	-10	-0	0	0	-0	-0	3.2	3.9	0.2	0.0	7.1	3	
8	55	967	4	0	0	-0	5	318.0	138.0	3.1	0.0	456.0	3	
9	55	14	0	-0	0	0	0	4.7	5.3	0.3	0.0	10.0	3	

ASTA NUM. 108 NI 4733 NF 4734 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-910	-4	1	0	0	-3	299.5	95.3	2.7	0.0	394.7	3	

7	0	-60	0	-1	0	-0	-0	19.7	7.1	0.5	0.0	26.8	3
8	0	1251	5	-1	0	-0	5	411.5	130.9	3.7	0.0	542.5	3
9	0	82	-0	1	0	0	0	27.0	9.8	0.8	0.0	36.8	3
2	5	-910	-4	1	0	-0	-4	299.5	100.7	2.7	0.0	400.2	3
7	5	-60	0	-1	0	0	-0	19.7	7.0	0.5	0.0	26.7	3
8	5	1252	5	-1	0	0	5	411.7	138.4	3.7	0.0	550.1	3
9	5	82	-0	1	0	-0	0	27.0	9.7	0.8	0.0	36.8	3
2	10	-910	-4	1	0	-0	-4	299.4	107.0	2.7	0.0	406.4	3
7	10	-60	0	-1	0	0	-0	19.7	7.9	0.5	0.0	27.5	3
8	10	1252	5	-1	0	0	5	411.8	146.9	3.7	0.0	558.7	3
9	10	82	-0	1	0	-0	0	27.1	11.0	0.8	0.0	38.1	3

ASTA NUM. 98 NI 4734 NF 4634 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-961	-1	-2	0	-0	-4	316.1	103.5	1.6	0.0	419.6	3	
7	0	-137	-2	2	0	0	-0	45.2	9.4	1.4	0.0	54.6	3	
8	0	1320	1	3	0	0	5	434.2	142.1	2.2	0.0	576.3	3	
9	0	188	3	-3	0	-0	0	61.8	13.1	1.9	0.0	74.9	3	
2	14	-961	-1	-2	0	0	-4	316.0	111.6	1.6	0.0	427.7	3	
7	14	-137	-2	2	0	-0	-1	45.1	20.2	1.4	0.0	65.3	3	
8	14	1320	1	3	0	-0	5	434.2	153.2	2.2	0.0	587.4	3	
9	14	188	3	-3	0	0	1	61.9	28.0	1.9	0.0	89.9	3	
2	27	-961	-1	-2	0	1	-4	316.0	123.9	1.6	0.0	439.9	3	
7	27	-137	-2	2	0	-0	-1	45.1	34.0	1.4	0.0	79.0	3	
8	27	1320	1	3	0	-1	6	434.2	169.6	2.2	0.0	603.8	3	
9	27	188	3	-3	0	1	1	61.9	47.3	1.9	0.0	109.2	3	

ASTA NUM. 97 NI 4634 NF 4635 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-890	2	8	0	1	-4	292.7	119.5	5.8	0.0	412.1	3	
7	0	-341	-4	-7	0	-0	-1	112.2	36.0	5.1	0.0	148.3	3	
8	0	1220	-3	-10	0	-1	5	401.3	163.7	7.6	0.0	565.0	3	
9	0	466	5	10	0	1	1	153.2	50.3	7.4	0.0	203.5	3	
2	14	-890	2	8	0	-1	-4	292.6	112.4	5.8	0.0	405.0	3	
7	14	-341	-4	-7	0	1	-1	112.2	51.4	5.1	0.0	163.6	3	
8	14	1220	-3	-10	0	1	5	401.3	153.0	7.6	0.0	554.3	3	
9	14	466	5	10	0	-1	2	153.2	71.6	7.4	0.0	224.8	3	
2	27	-889	2	8	0	-2	-3	292.6	134.3	5.8	0.0	426.9	3	
7	27	-341	-4	-7	0	1	-2	112.1	90.6	5.1	0.0	202.8	3	
8	27	1220	-3	-10	0	2	5	401.3	181.0	7.6	0.0	582.3	3	
9	27	466	5	10	0	-2	3	153.3	126.9	7.4	0.0	280.2	3	

ASTA NUM. 302 NI 4635 NF 4944 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-338	3	7	0	2	-2	111.2	92.9	5.5	0.0	204.1	3	
7	0	-886	-2	-7	0	-2	-3	291.6	130.8	5.5	0.0	422.4	3	
8	0	467	-5	-10	0	-2	3	153.7	125.4	7.2	0.0	279.1	3	
9	0	1221	3	11	0	2	5	401.6	183.5	7.9	0.0	585.2	3	
2	14	-338	3	7	0	1	-1	111.1	52.2	5.5	0.0	163.3	3	
7	14	-886	-2	-7	0	-1	-4	291.5	110.9	5.5	0.0	402.5	3	
8	14	467	-5	-10	0	-1	2	153.8	70.9	7.2	0.0	224.7	3	
9	14	1222	3	11	0	1	5	401.8	154.0	7.9	0.0	555.8	3	
2	27	-338	3	7	0	-0	-1	111.1	36.6	5.5	0.0	147.7	3	
7	27	-886	-2	-7	0	1	-4	291.5	118.8	5.5	0.0	410.3	3	
8	27	468	-5	-10	0	1	1	153.8	49.7	7.2	0.0	203.5	3	
9	27	1222	3	11	0	-1	5	402.0	163.9	7.9	0.0	565.9	3	

ASTA NUM. 303 NI 4944 NF 4883 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-136	2	-2	0	-0	-1	44.7	34.4	1.4	0.0	79.1	3	
7	0	-959	1	2	0	1	-4	315.6	123.1	1.6	0.0	438.6	3	
8	0	187	-3	2	0	1	1	61.5	46.7	1.9	0.0	108.2	3	
9	0	1319	-1	-3	0	-1	6	433.9	170.0	2.2	0.0	603.9	3	

2	14	-136	2	-2	0	-0	-1	44.6	20.3	1.4	0.0	64.9	3
7	14	-959	1	2	0	0	-4	315.5	111.2	1.6	0.0	426.7	3
8	14	187	-3	2	0	0	1	61.5	27.7	1.9	0.0	89.3	3
9	14	1319	-1	-3	0	-0	5	433.9	153.2	2.2	0.0	587.1	3
2	27	-136	2	-2	0	0	-0	44.6	9.5	1.4	0.0	54.1	3
7	27	-959	1	2	0	-0	-4	315.5	103.2	1.6	0.0	418.7	3
8	27	187	-3	2	0	-0	0	61.6	12.8	1.9	0.0	74.4	3
9	27	1319	-1	-3	0	0	5	433.9	142.1	2.2	0.0	575.9	3

ASTA NUM. 101 NI 4883 NF 4880 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-59	-0	1	0	0	-0	19.3	7.9	0.6	0.0	27.2	3	
7	0	-909	4	-1	0	-0	-4	299.1	106.6	2.7	0.0	405.8	3	
8	0	81	0	-1	0	-0	0	26.5	10.7	0.8	0.0	37.2	3	
9	0	1250	-5	1	0	0	5	411.2	146.8	3.7	0.0	558.0	3	
2	5	-59	-0	1	0	0	-0	19.3	7.0	0.6	0.0	26.3	3	
7	5	-909	4	-1	0	-0	-4	299.1	100.5	2.7	0.0	399.6	3	
8	5	81	0	-1	0	-0	0	26.5	9.5	0.8	0.0	36.0	3	
9	5	1250	-5	1	0	0	5	411.2	138.3	3.7	0.0	549.5	3	
2	10	-59	-0	1	0	-0	-0	19.3	7.0	0.6	0.0	26.3	3	
7	10	-909	4	-1	0	0	-3	299.1	95.1	2.7	0.0	394.2	3	
8	10	81	0	-1	0	0	0	26.6	9.7	0.8	0.0	36.2	3	
9	10	1250	-5	1	0	-0	5	411.2	130.8	3.7	0.0	542.0	3	

ASTA NUM. 103 NI 4880 NF 4881 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	-0	0	-0	-0	3.1	3.7	0.2	0.0	6.9	3	
7	0	-702	3	0	0	0	-4	231.0	100.2	2.3	0.0	331.2	3	
8	0	12	-0	0	0	0	0	4.0	5.1	0.3	0.0	9.1	3	
9	0	965	-4	-0	0	-0	5	317.3	137.7	3.1	0.0	455.0	3	
2	27	-9	0	-0	0	-0	-0	3.0	1.2	0.2	0.0	4.3	3	
7	27	-702	3	0	0	0	-3	230.9	77.0	2.3	0.0	307.9	3	
8	27	13	-0	0	0	0	0	4.1	1.6	0.3	0.0	5.8	3	
9	27	965	-4	-0	0	-0	4	317.4	105.9	3.1	0.0	423.3	3	
2	55	-9	0	-0	0	0	0	3.0	1.3	0.2	0.0	4.3	3	
7	55	-702	3	0	0	-0	-2	230.8	54.6	2.3	0.0	285.4	3	
8	55	13	-0	0	0	-0	-0	4.2	1.8	0.3	0.0	6.1	3	
9	55	965	-4	-0	0	0	3	317.5	75.0	3.1	0.0	392.5	3	

ASTA NUM. 102 NI 4881 NF 4882 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	5	-0	-0	0	0	0	1.5	0.9	0.0	0.0	2.4	3	
7	0	-278	3	-0	0	-0	-2	91.3	56.2	2.5	0.0	147.6	3	
8	0	-7	0	0	0	-0	-0	2.4	1.3	0.0	0.0	3.6	3	
9	0	381	-5	0	0	0	3	125.3	77.3	3.5	0.0	202.6	3	
2	27	5	-0	-0	0	0	0	1.6	0.7	0.0	0.0	2.3	3	
7	27	-277	3	-0	0	-0	-1	91.2	30.8	2.5	0.0	122.0	3	
8	27	-7	0	0	0	-0	-0	2.3	0.9	0.0	0.0	3.2	3	
9	27	381	-5	0	0	0	2	125.4	42.3	3.5	0.0	167.7	3	
2	55	5	-0	-0	0	0	0	1.7	0.2	0.0	0.0	1.9	2	
7	55	-277	3	-0	0	-0	-0	91.2	5.3	2.5	0.0	96.4	3	
8	55	-7	0	0	0	-0	-0	2.2	0.6	0.0	0.0	2.8	3	
9	55	382	-5	0	0	0	0	125.5	7.2	3.5	0.0	132.7	3	

ASTA NUM. 100 NI 4882 NF 4884 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	7	-0	0	0	0	0	2.2	1.4	0.2	0.0	3.6	3	
7	0	-38	2	-0	0	-0	-0	12.4	6.5	1.1	0.0	19.0	3	
8	0	-10	0	-0	0	-0	-0	3.2	1.9	0.3	0.0	5.1	3	
9	0	52	-2	0	0	0	0	17.0	8.9	1.6	0.0	25.9	3	
2	5	7	-0	0	0	0	0	2.2	0.8	0.2	0.0	3.1	3	
7	5	-38	2	-0	0	-0	-0	12.4	4.3	1.1	0.0	16.7	3	

8	5	-10	0	-0	0	-0	-0	3.1	1.2	0.3	0.0	4.3	3
9	5	52	-2	0	0	0	0	17.0	5.8	1.6	0.0	22.9	3
2	10	7	-0	0	0	-0	0	2.3	0.3	0.2	0.0	2.6	3
7	10	-38	2	-0	0	-0	-0	12.4	2.0	1.1	0.0	14.4	3
8	10	-9	0	-0	0	0	-0	3.1	0.4	0.3	0.0	3.6	3
9	10	52	-2	0	0	0	0	17.0	2.8	1.6	0.0	19.8	3

ASTA NUM. 99 NI 4884 NF 4885 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	5	-0	-0	0	-0	0	1.5	0.9	0.1	0.0	2.4	3	
7	0	-15	0	0	0	-0	-0	4.8	2.6	0.2	0.0	7.3	3	
8	0	-7	0	0	0	0	-0	2.2	1.3	0.1	0.0	3.5	3	
9	0	20	-0	-0	0	0	0	6.4	3.5	0.3	0.0	9.9	3	
2	14	5	-0	-0	0	0	0	1.5	0.6	0.1	0.0	2.1	3	
7	14	-14	0	0	0	-0	-0	4.7	1.7	0.2	0.0	6.4	3	
8	14	-7	0	0	0	-0	-0	2.2	0.8	0.1	0.0	3.0	3	
9	14	20	-0	-0	0	0	0	6.5	2.3	0.3	0.0	8.8	3	
2	27	5	-0	-0	0	0	0	1.6	0.1	0.1	0.0	1.7	2	
7	27	-14	0	0	0	-0	-0	4.7	0.9	0.2	0.0	5.6	3	
8	27	-6	0	0	0	-0	0	2.1	0.2	0.1	0.0	2.3	2	
9	27	20	-0	-0	0	0	0	6.5	1.2	0.3	0.0	7.7	3	

ASTA NUM. 427 NI 4885 NF 4989 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	6	-0	0	0	0	0	1.9	1.7	0.2	0.0	3.6	3	
7	0	-20	1	-0	0	-0	-0	6.7	4.5	0.4	0.0	11.2	3	
8	0	-9	0	-0	0	-0	-0	3.0	2.3	0.2	0.0	5.3	3	
9	0	27	-1	0	0	0	0	8.8	6.2	0.5	0.0	15.0	3	
2	14	6	-0	0	0	0	0	2.0	0.7	0.2	0.0	2.7	3	
7	14	-20	1	-0	0	-0	-0	6.6	2.3	0.4	0.0	8.9	3	
8	14	-9	0	-0	0	-0	-0	2.8	1.0	0.2	0.0	3.9	3	
9	14	27	-1	0	0	0	0	8.9	3.2	0.5	0.0	12.1	3	
2	27	7	-0	0	0	0	0	2.1	0.0	0.2	0.0	2.2	2	
7	27	-20	1	-0	0	0	0	6.4	0.0	0.4	0.0	6.5	2	
8	27	-8	0	-0	0	0	0	2.7	0.0	0.2	0.0	2.7	2	
9	27	28	-1	0	0	-0	0	9.1	0.0	0.5	0.0	9.1	2	

ASTA NUM. 397 NI 4971 NF 4731 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	17	1	0	0	0	0	5.4	0.0	0.4	0.0	5.5	2	
7	0	-10	-0	-0	0	-0	0	3.2	0.0	0.2	0.0	3.2	2	
8	0	-24	-1	-0	0	-0	0	7.8	0.0	0.5	0.0	7.8	2	
9	0	12	0	0	0	0	0	4.0	0.0	0.3	0.0	4.1	2	
2	14	17	1	0	0	-0	0	5.6	2.1	0.4	0.0	7.6	3	
7	14	-9	-0	-0	0	0	-0	3.0	1.1	0.2	0.0	4.1	3	
8	14	-23	-1	-0	0	0	-0	7.6	2.8	0.5	0.0	10.5	3	
9	14	13	0	0	0	-0	0	4.2	1.5	0.3	0.0	5.7	3	
2	27	17	1	0	0	-0	0	5.7	4.1	0.4	0.0	9.8	3	
7	27	-9	-0	-0	0	0	-0	2.9	2.2	0.2	0.0	5.0	3	
8	27	-23	-1	-0	0	0	-0	7.5	5.7	0.5	0.0	13.2	3	
9	27	13	0	0	0	-0	0	4.3	2.9	0.3	0.0	7.3	3	

ASTA NUM. 111 NI 4731 NF 4732 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	12	0	-0	0	-0	0	3.8	0.9	0.1	0.0	4.7	3	
7	0	-7	-0	0	0	0	-0	2.1	0.4	0.1	0.0	2.6	3	
8	0	-16	-0	0	0	0	-0	5.3	1.2	0.2	0.0	6.6	3	
9	0	9	0	-0	0	-0	0	2.8	0.6	0.1	0.0	3.4	3	
2	14	12	0	-0	0	-0	0	3.9	1.5	0.1	0.0	5.3	3	
7	14	-6	-0	0	0	0	-0	2.1	0.8	0.1	0.0	2.9	3	
8	14	-16	-0	0	0	0	-0	5.3	2.0	0.2	0.0	7.3	3	
9	14	9	0	-0	0	-0	0	2.9	1.1	0.1	0.0	3.9	3	

2	27	12	0	-0	0	-0	0	3.9	2.1	0.1	0.0	6.0	3
7	27	-6	-0	0	0	-0	-0	2.0	1.1	0.1	0.0	3.2	3
8	27	-16	-0	0	0	0	-0	5.2	2.8	0.2	0.0	8.1	3
9	27	9	0	-0	0	0	0	2.9	1.5	0.1	0.0	4.5	3

ASTA NUM. 110 NI 4732 NF 4728 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	0	-0	0	0	-0	0	0.0	0.0	0.1	0.0	0.2	2	
7	0	-9	-0	-0	0	-0	-0	3.0	0.5	0.3	0.0	3.5	3	
8	0	-0	0	-0	0	0	-0	0.1	0.3	0.1	0.0	0.4	1	
9	0	13	0	0	0	0	0	4.1	0.7	0.4	0.0	4.9	3	
2	5	0	-0	0	0	-0	0	0.0	0.2	0.1	0.0	0.3	2	
7	5	-9	-0	-0	0	0	-0	3.0	1.1	0.3	0.0	4.1	3	
8	5	-0	0	-0	0	0	0	0.0	0.2	0.1	0.0	0.3	2	
9	5	13	0	0	0	-0	0	4.1	1.5	0.4	0.0	5.6	3	
2	10	0	-0	0	0	-0	0	0.1	0.3	0.1	0.0	0.4	2	
7	10	-9	-0	-0	0	0	-0	3.0	1.7	0.3	0.0	4.7	3	
8	10	-0	0	-0	0	0	0	0.0	0.4	0.1	0.0	0.5	2	
9	10	13	0	0	0	-0	0	4.2	2.3	0.4	0.0	6.4	3	

ASTA NUM. 113 NI 4728 NF 4729 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-238	-3	0	0	-0	-0	78.4	3.8	2.2	0.0	82.2	3	
7	0	-8	-0	0	0	0	-0	2.7	0.6	0.0	0.0	3.3	3	
8	0	327	4	-0	0	0	0	107.5	5.3	3.1	0.0	112.8	3	
9	0	11	0	-0	0	-0	0	3.5	0.8	0.1	0.0	4.3	3	
2	27	-238	-3	0	0	-0	-1	78.3	26.4	2.2	0.0	104.7	3	
7	27	-8	-0	0	0	0	-0	2.6	1.0	0.0	0.0	3.6	3	
8	27	327	4	-0	0	0	1	107.6	36.4	3.1	0.0	144.0	3	
9	27	11	0	-0	0	-0	0	3.6	1.3	0.1	0.0	4.9	3	
2	55	-238	-3	0	0	-0	-2	78.2	49.1	2.2	0.0	127.2	3	
7	55	-8	-0	0	0	0	-0	2.5	1.4	0.0	0.0	3.9	3	
8	55	327	4	-0	0	0	2	107.7	67.5	3.1	0.0	175.1	3	
9	55	11	0	-0	0	-0	0	3.7	1.9	0.1	0.0	5.6	3	

ASTA NUM. 112 NI 4729 NF 4730 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-676	-3	-0	0	-0	-2	222.4	49.7	2.5	0.0	272.1	3	
7	0	2	0	0	0	0	-0	0.5	1.4	0.2	0.0	2.0	3	
8	0	929	5	0	0	0	2	305.6	68.4	3.4	0.0	374.0	3	
9	0	-3	-0	-0	0	-0	0	0.8	2.0	0.2	0.0	2.8	3	
2	27	-676	-3	-0	0	-0	-3	222.3	74.2	2.5	0.0	296.5	3	
7	27	2	0	0	0	-0	0	0.6	0.3	0.2	0.0	0.9	2	
8	27	929	5	0	0	0	4	305.7	102.0	3.4	0.0	407.7	3	
9	27	-2	-0	-0	0	0	0	0.8	0.4	0.2	0.0	1.2	2	
2	55	-676	-3	-0	0	0	-4	222.2	99.3	2.5	0.0	321.5	3	
7	55	2	0	0	0	-0	0	0.7	2.4	0.2	0.0	3.1	3	
8	55	930	5	0	0	-0	5	305.8	136.5	3.4	0.0	442.4	3	
9	55	-2	-0	-0	0	0	-0	0.7	3.2	0.2	0.0	3.9	3	

ASTA NUM. 109 NI 4730 NF 4727 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-969	1	1	0	0	-4	318.7	108.0	0.8	0.0	426.7	3	
7	0	44	-0	-1	0	-0	0	14.5	6.1	0.7	0.0	20.6	3	
8	0	1332	-1	-1	0	-0	5	438.2	148.6	1.1	0.0	586.7	3	
9	0	-60	1	1	0	0	-0	19.8	8.3	0.6	0.0	28.1	3	
2	5	-969	1	1	0	-0	-4	318.6	106.9	0.8	0.0	425.5	3	
7	5	44	-0	-1	0	0	0	14.5	5.5	0.7	0.0	20.1	3	
8	5	1332	-1	-1	0	0	5	438.2	147.5	1.1	0.0	585.7	3	
9	5	-60	1	1	0	-0	-0	19.7	7.1	0.6	0.0	26.8	3	
2	10	-969	1	1	0	-0	-4	318.6	106.4	0.8	0.0	425.0	3	
7	10	44	-0	-1	0	0	0	14.6	6.1	0.7	0.0	20.7	3	
8	10	1332	-1	-1	0	0	5	438.2	147.4	1.1	0.0	585.5	3	

9 10 -60 1 1 0 -0 -0 19.7 7.3 0.6 0.0 27.1 3
ASTA NUM. 120 NI 4727 NF 4616 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1242	-7	-2	0	-0	-4	408.6	110.9	5.3	0.0	519.5	3	
7	0	146	4	2	0	0	-0	48.2	2.4	3.3	0.0	50.6	3	
8	0	1709	10	3	0	0	6	562.2	153.6	7.4	0.0	715.7	3	
9	0	-200	-6	-3	0	-0	0	65.8	2.4	4.5	0.0	68.2	5	
2	14	-1242	-7	-2	0	0	-5	408.6	141.0	5.3	0.0	549.6	3	
7	14	147	4	2	0	-0	1	48.2	22.9	3.3	0.0	71.1	3	
8	14	1709	10	3	0	-0	7	562.2	195.3	7.4	0.0	757.5	3	
9	14	-200	-6	-3	0	0	-1	65.8	30.0	4.5	0.0	95.8	3	
2	27	-1242	-7	-2	0	0	-6	408.6	174.4	5.3	0.0	582.9	3	
7	27	147	4	2	0	-1	1	48.3	48.2	3.3	0.0	96.4	3	
8	27	1709	10	3	0	-1	8	562.2	243.6	7.4	0.0	805.8	3	
9	27	-200	-6	-3	0	1	-2	65.7	62.3	4.5	0.0	128.1	3	

ASTA NUM. 320 NI 4616 NF 4614 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2209	-41	6	0	0	-3	726.6	101.8	30.1	0.0	828.4	3	
7	0	799	35	-9	0	-1	-2	262.8	57.2	25.7	0.0	320.1	3	
8	0	3041	56	-11	0	-1	5	1000.3	143.6	41.5	0.0	1143.9	3	
9	0	-1094	-48	10	0	1	2	359.9	75.0	35.3	0.0	434.8	3	
2	14	-2209	-41	6	0	-0	-9	726.6	253.5	30.1	0.0	980.2	3	
7	14	799	35	-9	0	1	3	262.9	106.4	25.7	0.0	369.3	3	
8	14	3042	56	-11	0	1	12	1000.5	355.3	41.5	0.0	1355.8	3	
9	14	-1094	-48	10	0	-1	-4	359.9	139.6	35.3	0.0	499.5	3	
2	27	-2209	-41	6	0	-1	-14	726.6	427.4	30.1	0.0	1154.0	3	
7	27	799	35	-9	0	2	8	262.9	270.1	25.7	0.0	533.1	3	
8	27	3042	56	-11	0	2	20	1000.7	604.8	41.5	0.0	1605.4	3	
9	27	-1094	-48	10	0	-2	-11	359.9	354.2	35.3	0.0	714.0	3	

ASTA NUM. 321 NI 4614 NF 4615 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	798	-35	7	0	1	8	262.6	256.3	25.7	0.0	519.0	3	
7	0	-2210	41	-8	0	-2	-14	727.0	441.2	30.1	0.0	1168.2	3	
8	0	-1103	48	-12	0	-3	-11	362.8	369.8	35.5	0.0	732.6	3	
9	0	3032	-56	8	0	2	20	997.4	589.2	41.4	0.0	1586.5	3	
2	14	799	-35	7	0	0	3	262.7	101.1	25.7	0.0	363.8	3	
7	14	-2210	41	-8	0	-1	-9	726.8	258.9	30.1	0.0	985.7	3	
8	14	-1103	48	-12	0	-1	-4	362.8	145.9	35.5	0.0	508.7	3	
9	14	3032	-56	8	0	1	12	997.5	349.0	41.4	0.0	1346.6	3	
2	27	799	-35	7	0	-0	-2	262.7	54.0	25.7	0.0	316.8	3	
7	27	-2209	41	-8	0	1	-3	726.6	104.8	30.1	0.0	831.4	3	
8	27	-1103	48	-12	0	1	2	362.8	78.1	35.5	0.0	440.9	3	
9	27	3033	-56	8	0	-1	5	997.7	140.4	41.4	0.0	1138.1	3	

ASTA NUM. 116 NI 4615 NF 4877 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	147	-4	-2	0	-0	1	48.3	45.2	3.3	0.0	93.4	3	
7	0	-1242	7	2	0	1	-6	408.6	177.4	5.3	0.0	585.9	3	
8	0	-204	6	3	0	1	-2	67.0	66.0	4.5	0.0	133.0	3	
9	0	1705	-10	-2	0	-1	8	560.9	240.0	7.3	0.0	800.8	3	
2	14	147	-4	-2	0	-0	1	48.3	21.8	3.3	0.0	70.2	3	
7	14	-1242	7	2	0	0	-5	408.4	142.1	5.3	0.0	550.4	3	
8	14	-204	6	3	0	0	-1	67.0	31.5	4.5	0.0	98.4	3	
9	14	1705	-10	-2	0	-0	7	560.9	193.9	7.3	0.0	754.7	3	
2	27	147	-4	-2	0	0	-0	48.4	1.5	3.3	0.0	49.9	5	
7	27	-1241	7	2	0	-0	-4	408.2	111.7	5.3	0.0	519.9	3	
8	27	-203	6	3	0	-0	0	66.9	3.0	4.5	0.0	69.9	3	
9	27	1705	-10	-2	0	0	6	560.9	152.5	7.3	0.0	713.3	3	

ASTA NUM. 117 NI 4877 NF 4878 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	45	0	1	0	0	0	14.7	5.4	0.4	0.0	20.1	3	
7	0	-968	-1	-1	0	-0	-4	318.5	107.2	0.8	0.0	425.6	3	
8	0	-62	-1	-1	0	-0	-0	20.5	8.5	0.9	0.0	29.0	3	
9	0	1330	1	1	0	0	5	437.5	146.3	1.1	0.0	583.8	3	
2	5	45	0	1	0	0	0	14.8	5.2	0.4	0.0	20.0	3	
7	5	-968	-1	-1	0	-0	-4	318.4	107.2	0.8	0.0	425.7	3	
8	5	-62	-1	-1	0	-0	-0	20.5	7.7	0.9	0.0	28.2	3	
9	5	1330	1	1	0	0	5	437.5	146.9	1.1	0.0	584.4	3	
2	10	45	0	1	0	-0	0	14.8	6.2	0.4	0.0	20.9	3	
7	10	-968	-1	-1	0	0	-4	318.4	108.0	0.8	0.0	426.4	3	
8	10	-62	-1	-1	0	0	-0	20.5	8.5	0.9	0.0	29.0	3	
9	10	1330	1	1	0	-0	5	437.5	148.4	1.1	0.0	585.9	3	

ASTA NUM. 114 NI 4878 NF 4879 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	-0	-0	0	-0	0	0.7	2.5	0.2	0.0	3.2	3	
7	0	-675	3	0	0	0	-4	222.2	99.2	2.5	0.0	321.3	3	
8	0	-4	0	0	0	0	-0	1.3	3.4	0.2	0.0	4.8	3	
9	0	928	-5	-0	0	-0	5	305.1	136.3	3.4	0.0	441.4	3	
2	27	2	-0	-0	0	-0	0	0.8	0.5	0.2	0.0	1.4	3	
7	27	-675	3	0	0	-0	-3	222.1	74.1	2.5	0.0	296.1	3	
8	27	-4	0	0	0	0	-0	1.2	0.8	0.2	0.0	2.0	3	
9	27	928	-5	-0	0	0	4	305.2	101.8	3.4	0.0	407.0	3	
2	55	3	-0	-0	0	0	-0	0.9	1.4	0.2	0.0	2.3	3	
7	55	-675	3	0	0	-0	-2	222.0	49.7	2.5	0.0	271.6	3	
8	55	-3	0	0	0	-0	0	1.1	1.9	0.2	0.0	3.0	3	
9	55	928	-5	-0	0	0	2	305.3	68.3	3.4	0.0	373.6	3	

ASTA NUM. 115 NI 4879 NF 4876 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	0	-0	0	0	-0	2.6	1.3	0.0	0.0	3.9	3	
7	0	-238	3	-0	0	-0	-2	78.2	49.0	2.2	0.0	127.2	3	
8	0	10	-0	0	0	-0	0	3.3	1.8	0.1	0.0	5.1	3	
9	0	326	-4	0	0	0	2	107.3	67.3	3.1	0.0	174.6	3	
2	27	-8	0	-0	0	0	-0	2.5	0.9	0.0	0.0	3.4	3	
7	27	-238	3	-0	0	-0	-1	78.1	26.4	2.2	0.0	104.5	3	
8	27	10	-0	0	0	-0	0	3.4	1.3	0.1	0.0	4.7	3	
9	27	326	-4	0	0	0	1	107.4	36.3	3.1	0.0	143.7	3	
2	55	-7	0	-0	0	0	-0	2.4	0.6	0.0	0.0	3.0	3	
7	55	-237	3	-0	0	-0	-0	78.0	3.8	2.2	0.0	81.8	3	
8	55	11	-0	0	0	-0	0	3.5	0.8	0.1	0.0	4.3	3	
9	55	327	-4	0	0	0	0	107.5	5.2	3.1	0.0	112.7	3	

ASTA NUM. 118 NI 4876 NF 4874 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	0	-0	3.0	1.6	0.3	0.0	4.7	3	
7	0	0	0	-0	0	-0	0	0.1	0.3	0.1	0.0	0.4	2	
8	0	12	-0	-0	0	-0	0	4.1	2.3	0.4	0.0	6.3	3	
9	0	-0	-0	0	0	0	0	0.1	0.4	0.1	0.0	0.6	2	
2	5	-9	0	0	0	0	-0	3.0	1.1	0.3	0.0	4.1	3	
7	5	0	0	-0	0	-0	0	0.1	0.2	0.1	0.0	0.3	2	
8	5	12	-0	-0	0	-0	0	4.1	1.5	0.4	0.0	5.6	3	
9	5	-0	-0	0	0	0	0	0.1	0.2	0.1	0.0	0.4	2	
2	10	-9	0	0	0	-0	-0	3.0	0.5	0.3	0.0	3.5	3	
7	10	0	0	-0	0	-0	0	0.1	0.0	0.1	0.0	0.2	5	
8	10	12	-0	-0	0	0	0	4.1	0.7	0.4	0.0	4.8	3	
9	10	-0	-0	0	0	0	-0	0.1	0.3	0.1	0.0	0.5	1	

ASTA NUM. 119 NI 4874 NF 4875 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-7	0	-0	0	-0	-0	2.2	1.1	0.1	0.0	3.3	3
7	0	12	-0	0	0	-0	0	3.8	2.1	0.1	0.0	5.9	3
8	0	9	-0	0	0	0	0	2.9	1.5	0.1	0.0	4.4	3
9	0	-16	0	-0	0	0	-0	5.3	2.8	0.2	0.0	8.2	3
2	14	-6	0	-0	0	0	-0	2.1	0.8	0.1	0.0	2.9	3
7	14	12	-0	0	0	-0	0	3.8	1.5	0.1	0.0	5.3	3
8	14	9	-0	0	0	-0	0	2.9	1.1	0.1	0.0	4.0	3
9	14	-16	0	-0	0	0	-0	5.3	2.0	0.2	0.0	7.3	3
2	27	-6	0	-0	0	0	-0	2.1	0.5	0.1	0.0	2.5	3
7	27	12	-0	0	0	-0	0	3.9	0.9	0.1	0.0	4.8	3
8	27	9	-0	0	0	-0	0	3.0	0.6	0.1	0.0	3.6	3
9	27	-16	0	-0	0	0	-0	5.2	1.2	0.2	0.0	6.4	3

ASTA NUM. 426 NI 4875 NF 4990 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	0	-0	3.4	2.2	0.2	0.0	5.6	3	
7	0	16	-1	-0	0	-0	0	5.2	4.1	0.4	0.0	9.3	3	
8	0	13	-0	-0	0	-0	0	4.3	3.0	0.3	0.0	7.4	3	
9	0	-23	1	0	0	0	-0	7.5	5.6	0.5	0.0	13.2	3	
2	14	-10	0	0	0	0	-0	3.3	1.2	0.2	0.0	4.5	3	
7	14	16	-1	-0	0	-0	0	5.4	2.0	0.4	0.0	7.4	3	
8	14	14	-0	-0	0	-0	0	4.5	1.6	0.3	0.0	6.1	3	
9	14	-22	1	0	0	0	-0	7.4	2.7	0.5	0.0	10.1	3	
2	27	-10	0	0	0	0	0	3.1	0.0	0.2	0.0	3.2	2	
7	27	17	-1	-0	0	0	0	5.5	0.0	0.4	0.0	5.5	2	
8	27	14	-0	-0	0	0	0	4.6	0.0	0.3	0.0	4.6	2	
9	27	-22	1	0	0	0	0	7.3	0.0	0.5	0.0	7.3	2	

ASTA NUM. 394 NI 4968 NF 4725 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-16	-1	0	0	0	0	5.2	0.4	0.4	0.0	5.6	1	
7	0	11	0	-0	0	0	0	3.5	0.4	0.2	0.0	3.9	1	
8	0	21	1	-0	0	0	-0	6.9	0.5	0.6	0.0	7.4	1	
9	0	-15	-0	0	0	0	-0	5.0	0.5	0.2	0.0	5.6	1	
2	14	-15	-1	0	0	-0	-0	5.0	1.8	0.4	0.0	6.9	3	
7	14	11	0	-0	0	0	0	3.6	1.3	0.2	0.0	4.9	3	
8	14	21	1	-0	0	0	0	7.0	2.5	0.6	0.0	9.5	3	
9	14	-15	-0	0	0	-0	-0	4.9	1.8	0.2	0.0	6.7	3	
2	27	-15	-1	0	0	-0	-0	4.9	4.0	0.4	0.0	8.9	3	
7	27	11	0	-0	0	0	0	3.8	2.2	0.2	0.0	6.0	3	
8	27	22	1	-0	0	0	0	7.1	5.5	0.6	0.0	12.7	3	
9	27	-14	-0	0	0	-0	-0	4.8	3.0	0.2	0.0	7.8	3	

ASTA NUM. 130 NI 4725 NF 4723 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-13	-0	-0	0	-0	-0	4.3	0.7	0.2	0.0	4.9	3	
7	0	6	0	0	0	0	0	2.0	0.5	0.1	0.0	2.5	3	
8	0	18	0	0	0	0	0	5.8	0.9	0.3	0.0	6.7	3	
9	0	-9	-0	-0	0	-0	-0	2.9	0.7	0.1	0.0	3.5	3	
2	14	-13	-0	-0	0	-0	-0	4.2	1.5	0.2	0.0	5.8	3	
7	14	6	0	0	0	0	0	2.1	0.8	0.1	0.0	2.9	3	
8	14	18	0	0	0	0	0	5.9	2.1	0.3	0.0	8.0	3	
9	14	-9	-0	-0	0	-0	-0	2.8	1.0	0.1	0.0	3.9	3	
2	27	-13	-0	-0	0	-0	-0	4.2	2.4	0.2	0.0	6.6	3	
7	27	6	0	0	0	-0	0	2.1	1.0	0.1	0.0	3.2	3	
8	27	18	0	0	0	0	0	5.9	3.3	0.3	0.0	9.2	3	
9	27	-8	-0	-0	0	0	-0	2.8	1.4	0.1	0.0	4.2	3	

ASTA NUM. 131 NI 4723 NF 4724 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-36	-2	0	0	-0	-0	12.0	1.8	1.1	0.0	13.8	3
7	0	8	0	-0	0	-0	0	2.7	0.5	0.2	0.0	3.2	3
8	0	50	2	-0	0	0	0	16.5	2.5	1.6	0.0	19.0	3
9	0	-11	-0	0	0	0	-0	3.7	0.6	0.3	0.0	4.3	3
2	5	-36	-2	0	0	-0	-0	12.0	4.1	1.1	0.0	16.1	3
7	5	8	0	-0	0	0	0	2.7	1.0	0.2	0.0	3.7	3
8	5	50	2	-0	0	0	0	16.5	5.7	1.6	0.0	22.2	3
9	5	-11	-0	0	0	-0	-0	3.7	1.3	0.3	0.0	5.0	3
2	10	-36	-2	0	0	-0	-0	12.0	6.4	1.1	0.0	18.3	3
7	10	8	0	-0	0	0	0	2.7	1.5	0.2	0.0	4.2	3
8	10	50	2	-0	0	0	0	16.5	8.8	1.6	0.0	25.3	3
9	10	-11	-0	0	0	-0	-0	3.7	2.1	0.3	0.0	5.7	3

ASTA NUM. 128 NI 4724 NF 4726 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-277	-3	0	0	-0	-0	91.0	5.1	2.5	0.0	96.1	3	
7	0	6	0	0	0	0	0	1.9	0.6	0.0	0.0	2.5	3	
8	0	380	5	-0	0	0	0	124.9	7.1	3.5	0.0	132.0	3	
9	0	-8	-0	-0	0	-0	-0	2.7	0.8	0.0	0.0	3.5	3	
2	27	-276	-3	0	0	-0	-1	90.9	30.6	2.5	0.0	121.5	3	
7	27	6	0	0	0	0	0	2.0	0.8	0.0	0.0	2.8	3	
8	27	380	5	-0	0	0	2	125.0	42.1	3.5	0.0	167.2	3	
9	27	-8	-0	-0	0	-0	-0	2.6	1.1	0.0	0.0	3.7	3	
2	55	-276	-3	0	0	-0	-2	90.8	56.2	2.5	0.0	146.9	3	
7	55	6	0	0	0	0	0	2.1	1.0	0.0	0.0	3.1	3	
8	55	380	5	-0	0	0	3	125.1	77.2	3.5	0.0	202.3	3	
9	55	-8	-0	-0	0	-0	-0	2.5	1.4	0.0	0.0	3.9	3	

ASTA NUM. 129 NI 4726 NF 4721 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-702	-3	-0	0	-0	-2	230.8	54.5	2.3	0.0	285.3	3	
7	0	-9	-0	0	0	0	0	2.9	1.4	0.2	0.0	4.3	3	
8	0	964	4	0	0	0	3	317.1	74.9	3.1	0.0	392.1	3	
9	0	12	0	-0	0	-0	-0	3.8	1.9	0.3	0.0	5.8	3	
2	27	-701	-3	-0	0	0	-3	230.7	76.9	2.3	0.0	307.7	3	
7	27	-9	-0	0	0	-0	-0	2.8	1.1	0.2	0.0	3.9	3	
8	27	964	4	0	0	-0	4	317.2	105.8	3.1	0.0	423.0	3	
9	27	12	0	-0	0	0	0	3.9	1.6	0.3	0.0	5.5	3	
2	55	-701	-3	-0	0	0	-4	230.6	100.2	2.3	0.0	330.8	3	
7	55	-8	-0	0	0	-0	-0	2.7	3.7	0.2	0.0	6.4	3	
8	55	965	4	0	0	-0	5	317.3	137.7	3.1	0.0	455.0	3	
9	55	12	0	-0	0	0	0	4.0	5.1	0.3	0.0	9.1	3	

ASTA NUM. 132 NI 4721 NF 4722 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-909	-4	1	0	0	-3	298.9	95.1	2.7	0.0	394.0	3	
7	0	-58	0	-1	0	-0	-0	19.1	7.0	0.5	0.0	26.1	3	
8	0	1249	5	-1	0	-0	5	410.9	130.7	3.7	0.0	541.6	3	
9	0	80	-0	1	0	0	0	26.3	9.6	0.8	0.0	35.8	3	
2	5	-909	-4	1	0	-0	-4	298.9	100.5	2.7	0.0	399.5	3	
7	5	-58	0	-1	0	0	-0	19.1	6.8	0.5	0.0	26.0	3	
8	5	1249	5	-1	0	0	5	410.9	138.1	3.7	0.0	549.0	3	
9	5	80	-0	1	0	-0	0	26.3	9.5	0.8	0.0	35.8	3	
2	10	-909	-4	1	0	-0	-4	298.9	106.8	2.7	0.0	405.7	3	
7	10	-58	0	-1	0	0	-0	19.1	7.7	0.5	0.0	26.8	3	
8	10	1249	5	-1	0	0	5	410.9	146.6	3.7	0.0	557.4	3	
9	10	80	-0	1	0	-0	0	26.3	10.8	0.8	0.0	37.1	3	

ASTA NUM. 122 NI 4722 NF 4632 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-959	-1	-2	0	-0	-4	315.5	103.3	1.6	0.0	418.8	3	
7	0	-136	-2	2	0	0	-0	44.6	9.2	1.4	0.0	53.8	3	

8	0	1318	1	3	0	0	5	433.6	141.8	2.2	0.0	575.4	3
9	0	186	3	-3	0	-0	0	61.0	12.9	1.9	0.0	73.9	3
2	14	-959	-1	-2	0	0	-4	315.5	111.4	1.6	0.0	426.9	3
7	14	-135	-2	2	0	-0	-1	44.6	20.1	1.4	0.0	64.6	3
8	14	1318	1	3	0	-0	5	433.6	152.9	2.2	0.0	586.5	3
9	14	186	3	-3	0	0	1	61.1	27.8	1.9	0.0	88.8	3
2	27	-959	-1	-2	0	1	-4	315.4	123.7	1.6	0.0	439.1	3
7	27	-135	-2	2	0	-0	-1	44.5	33.8	1.4	0.0	78.3	3
8	27	1318	1	3	0	-1	6	433.6	169.3	2.2	0.0	602.8	3
9	27	186	3	-3	0	1	1	61.1	47.1	1.9	0.0	108.2	3

ASTA NUM. 121 NI 4632 NF 4633 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-888	2	8	0	1	-4	292.1	119.2	5.8	0.0	411.4	3	
7	0	-340	-4	-7	0	-0	-1	111.7	35.9	5.2	0.0	147.6	3	
8	0	1217	-3	-10	0	-1	5	400.3	163.3	7.6	0.0	563.7	3	
9	0	463	5	10	0	1	1	152.4	50.1	7.5	0.0	202.5	3	
2	14	-888	2	8	0	-1	-4	292.1	112.1	5.8	0.0	404.2	3	
7	14	-339	-4	-7	0	1	-1	111.6	51.3	5.2	0.0	162.9	3	
8	14	1218	-3	-10	0	1	5	400.5	152.7	7.6	0.0	553.2	3	
9	14	463	5	10	0	-1	2	152.5	71.4	7.5	0.0	223.9	3	
2	27	-888	2	8	0	-2	-3	292.0	134.0	5.8	0.0	426.0	3	
7	27	-339	-4	-7	0	1	-2	111.6	90.6	5.2	0.0	202.2	3	
8	27	1218	-3	-10	0	2	5	400.7	180.5	7.6	0.0	581.2	3	
9	27	464	5	10	0	-2	3	152.5	126.9	7.5	0.0	279.4	3	

ASTA NUM. 306 NI 4633 NF 4946 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-337	3	7	0	2	-2	110.7	92.7	5.5	0.0	203.4	3	
7	0	-885	-2	-7	0	-2	-3	291.2	130.7	5.5	0.0	421.9	3	
8	0	466	-5	-10	0	-2	3	153.1	125.0	7.2	0.0	278.1	3	
9	0	1220	3	11	0	2	5	401.3	183.4	7.9	0.0	584.8	3	
2	14	-336	3	7	0	1	-1	110.7	52.0	5.5	0.0	162.7	3	
7	14	-885	-2	-7	0	-1	-4	291.1	110.8	5.5	0.0	401.9	3	
8	14	466	-5	-10	0	-1	2	153.2	70.7	7.2	0.0	223.8	3	
9	14	1220	3	11	0	1	5	401.3	153.8	7.9	0.0	555.1	3	
2	27	-336	3	7	0	-0	-1	110.6	36.5	5.5	0.0	147.1	3	
7	27	-885	-2	-7	0	1	-4	291.1	118.7	5.5	0.0	409.7	3	
8	27	466	-5	-10	0	1	1	153.2	49.5	7.2	0.0	202.7	3	
9	27	1220	3	11	0	-1	5	401.3	163.7	7.9	0.0	565.0	3	

ASTA NUM. 307 NI 4946 NF 4871 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-135	2	-2	0	-0	-1	44.3	34.3	1.4	0.0	78.5	3	
7	0	-958	1	2	0	1	-4	315.2	122.9	1.6	0.0	438.1	3	
8	0	185	-3	2	0	1	1	60.9	46.6	1.9	0.0	107.5	3	
9	0	1317	-1	-3	0	-1	6	433.2	169.8	2.2	0.0	603.0	3	
2	14	-134	2	-2	0	-0	-1	44.2	20.2	1.4	0.0	64.4	3	
7	14	-958	1	2	0	0	-4	315.1	111.1	1.6	0.0	426.2	3	
8	14	185	-3	2	0	0	1	61.0	27.5	1.9	0.0	88.5	3	
9	14	1318	-1	-3	0	-0	5	433.4	153.0	2.2	0.0	586.4	3	
2	27	-134	2	-2	0	0	-0	44.2	9.3	1.4	0.0	53.5	3	
7	27	-958	1	2	0	-0	-4	315.1	103.1	1.6	0.0	418.1	3	
8	27	186	-3	2	0	-0	0	61.0	12.6	1.9	0.0	73.7	3	
9	27	1318	-1	-3	0	0	5	433.6	141.9	2.2	0.0	575.4	3	

ASTA NUM. 125 NI 4871 NF 4868 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-58	-0	1	0	0	-0	18.9	7.8	0.6	0.0	26.7	3	
7	0	-908	4	-1	0	-0	-4	298.7	106.5	2.7	0.0	405.2	3	
8	0	79	0	-1	0	-0	0	26.0	10.5	0.7	0.0	36.5	3	
9	0	1248	-5	1	0	0	5	410.5	146.6	3.7	0.0	557.2	3	

2	5	-58	-0	1	0	0	-0	18.9	6.8	0.6	0.0	25.8	3
7	5	-908	4	-1	0	-0	-4	298.7	100.4	2.7	0.0	399.1	3
8	5	79	0	-1	0	-0	0	26.0	9.3	0.7	0.0	35.3	3
9	5	1248	-5	1	0	0	5	410.7	138.1	3.7	0.0	548.8	3
2	10	-57	-0	1	0	-0	-0	18.9	6.9	0.6	0.0	25.8	3
7	10	-908	4	-1	0	0	-3	298.7	95.0	2.7	0.0	393.7	3
8	10	79	0	-1	0	0	0	26.0	9.5	0.7	0.0	35.5	3
9	10	1249	-5	1	0	-0	5	410.9	130.7	3.7	0.0	541.5	3

ASTA NUM. 127 NI 4868 NF 4869 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	0	-0	0	-0	-0	2.8	3.6	0.2	0.0	6.4	3	
7	0	-701	3	0	0	0	-4	230.7	100.1	2.3	0.0	330.7	3	
8	0	11	-0	0	0	0	0	3.5	4.9	0.3	0.0	8.5	3	
9	0	963	-4	-0	0	-0	5	316.8	137.6	3.1	0.0	454.4	3	
2	27	-8	0	-0	0	-0	-0	2.7	1.1	0.2	0.0	3.8	3	
7	27	-701	3	0	0	0	-3	230.6	76.9	2.3	0.0	307.5	3	
8	27	11	-0	0	0	0	0	3.6	1.5	0.3	0.0	5.1	3	
9	27	963	-4	-0	0	-0	4	316.9	105.7	3.1	0.0	422.6	3	
2	55	-8	0	-0	0	0	0	2.6	1.4	0.2	0.0	4.0	3	
7	55	-701	3	0	0	-0	-2	230.5	54.5	2.3	0.0	284.9	3	
8	55	11	-0	0	0	-0	-0	3.7	2.0	0.3	0.0	5.7	3	
9	55	964	-4	-0	0	0	3	317.0	74.8	3.1	0.0	391.8	3	

ASTA NUM. 126 NI 4869 NF 4870 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	6	-0	-0	0	0	0	1.9	1.0	0.0	0.0	3.0	3	
7	0	-276	3	-0	0	-0	-2	90.9	56.1	2.5	0.0	147.0	3	
8	0	-9	0	0	0	-0	-0	2.9	1.5	0.0	0.0	4.4	3	
9	0	379	-5	0	0	0	3	124.7	77.1	3.5	0.0	201.8	3	
2	27	6	-0	-0	0	0	0	2.0	0.8	0.0	0.0	2.8	3	
7	27	-276	3	-0	0	-0	-1	90.8	30.6	2.5	0.0	121.4	3	
8	27	-9	0	0	0	-0	-0	2.8	1.1	0.0	0.0	4.0	3	
9	27	379	-5	0	0	0	2	124.8	42.1	3.5	0.0	166.9	3	
2	55	6	-0	-0	0	0	0	2.1	0.6	0.0	0.0	2.7	3	
7	55	-276	3	-0	0	-0	-0	90.7	5.1	2.5	0.0	95.8	3	
8	55	-8	0	0	0	-0	-0	2.7	0.8	0.0	0.0	3.6	3	
9	55	380	-5	0	0	0	0	124.9	7.0	3.5	0.0	131.9	3	

ASTA NUM. 124 NI 4870 NF 4872 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	8	-0	0	0	0	0	2.7	1.5	0.2	0.0	4.2	3	
7	0	-36	2	-0	0	-0	-0	12.0	6.4	1.1	0.0	18.4	3	
8	0	-12	0	-0	0	-0	-0	3.8	2.1	0.3	0.0	5.9	3	
9	0	50	-2	0	0	0	0	16.4	8.7	1.6	0.0	25.1	3	
2	5	8	-0	0	0	0	0	2.7	1.0	0.2	0.0	3.7	3	
7	5	-36	2	-0	0	-0	-0	12.0	4.1	1.1	0.0	16.1	3	
8	5	-11	0	-0	0	-0	-0	3.8	1.4	0.3	0.0	5.2	3	
9	5	50	-2	0	0	0	0	16.4	5.6	1.6	0.0	22.0	3	
2	10	8	-0	0	0	-0	0	2.7	0.5	0.2	0.0	3.2	3	
7	10	-36	2	-0	0	-0	-0	11.9	1.8	1.1	0.0	13.8	3	
8	10	-11	0	-0	0	0	-0	3.8	0.7	0.3	0.0	4.4	3	
9	10	50	-2	0	0	0	0	16.4	2.5	1.6	0.0	18.9	3	

ASTA NUM. 123 NI 4872 NF 4873 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	6	-0	-0	0	-0	0	2.0	1.1	0.1	0.0	3.1	3	
7	0	-13	0	0	0	-0	-0	4.3	2.4	0.2	0.0	6.7	3	
8	0	-9	0	0	0	0	-0	2.9	1.5	0.1	0.0	4.4	3	
9	0	17	-0	-0	0	0	0	5.8	3.3	0.3	0.0	9.0	3	
2	14	6	-0	-0	0	0	0	2.0	0.8	0.1	0.0	2.8	3	
7	14	-13	0	0	0	-0	-0	4.3	1.5	0.2	0.0	5.8	3	
8	14	-9	0	0	0	-0	-0	2.9	1.1	0.1	0.0	3.9	3	

9	14	18	-0	-0	0	0	0	5.8	2.1	0.3	0.0	7.9	3
2	27	6	-0	-0	0	0	0	2.1	0.5	0.1	0.0	2.6	3
7	27	-13	0	0	0	-0	-0	4.2	0.7	0.2	0.0	4.9	3
8	27	-9	0	0	0	-0	-0	2.8	0.7	0.1	0.0	3.5	3
9	27	18	-0	-0	0	0	0	5.8	0.9	0.3	0.0	6.8	3

ASTA NUM. 423 NI 4873 NF 4993 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	10	-0	0	0	0	0	3.3	2.2	0.2	0.0	5.5	3			
7	0	-16	1	-0	0	-0	-0	5.4	4.0	0.4	0.0	9.4	3			
8	0	-15	0	-0	0	-0	-0	4.9	3.0	0.2	0.0	7.9	3			
9	0	21	-1	0	0	0	0	7.0	5.5	0.5	0.0	12.5	3			
2	14	10	-0	0	0	0	0	3.4	1.2	0.2	0.0	4.6	3			
7	14	-16	1	-0	0	-0	-0	5.2	1.9	0.4	0.0	7.1	3			
8	14	-15	0	-0	0	-0	-0	4.8	1.7	0.2	0.0	6.5	3			
9	14	22	-1	0	0	0	0	7.1	2.6	0.5	0.0	9.7	3			
2	27	11	-0	0	0	0	0	3.6	0.3	0.2	0.0	3.8	1			
7	27	-15	1	-0	0	0	0	5.1	0.0	0.4	0.0	5.1	2			
8	27	-14	0	-0	0	0	-0	4.6	0.4	0.2	0.0	5.0	1			
9	27	22	-1	0	0	0	-0	7.2	0.4	0.5	0.0	7.7	1			

ASTA NUM. 393 NI 4967 NF 4719 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	19	1	0	0	0	0	6.3	0.3	0.4	0.0	6.6	1			
7	0	-7	-0	-0	0	0	0	2.3	0.3	0.2	0.0	2.6	1			
8	0	-27	-1	-0	0	0	-0	8.9	0.4	0.5	0.0	9.3	1			
9	0	9	0	0	0	0	-0	2.9	0.3	0.3	0.0	3.2	1			
2	14	20	1	0	0	-0	0	6.4	2.3	0.4	0.0	8.8	3			
7	14	-7	-0	-0	0	0	-0	2.2	0.8	0.2	0.0	3.0	3			
8	14	-27	-1	-0	0	0	-0	8.8	3.2	0.5	0.0	12.0	3			
9	14	9	0	0	0	-0	0	3.0	1.1	0.3	0.0	4.1	3			
2	27	20	1	0	0	-0	0	6.6	4.4	0.4	0.0	10.9	3			
7	27	-6	-0	-0	0	0	-0	2.0	1.9	0.2	0.0	3.9	3			
8	27	-26	-1	-0	0	0	-0	8.7	6.1	0.5	0.0	14.7	3			
9	27	10	0	0	0	-0	0	3.1	2.6	0.3	0.0	5.7	3			

ASTA NUM. 135 NI 4719 NF 4720 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	13	0	-0	0	-0	0	4.1	1.0	0.1	0.0	5.1	3			
7	0	-6	-0	0	0	0	0	1.8	0.1	0.1	0.0	2.0	2			
8	0	-18	-0	0	0	0	-0	5.8	1.4	0.2	0.0	7.1	3			
9	0	7	0	-0	0	-0	0	2.4	0.2	0.1	0.0	2.6	2			
2	14	13	0	-0	0	-0	0	4.2	1.6	0.1	0.0	5.7	3			
7	14	-5	-0	0	0	0	-0	1.8	0.7	0.1	0.0	2.4	3			
8	14	-17	-0	0	0	0	-0	5.7	2.2	0.2	0.0	7.9	3			
9	14	7	0	-0	0	-0	0	2.5	0.9	0.1	0.0	3.4	3			
2	27	13	0	-0	0	-0	0	4.2	2.2	0.1	0.0	6.4	3			
7	27	-5	-0	0	0	-0	-0	1.7	1.0	0.1	0.0	2.8	3			
8	27	-17	-0	0	0	0	-0	5.7	3.0	0.2	0.0	8.6	3			
9	27	8	0	-0	0	0	0	2.5	1.4	0.1	0.0	3.9	3			

ASTA NUM. 134 NI 4720 NF 4716 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	1	-0	0	0	-0	0	0.3	0.3	0.1	0.0	0.7	1			
7	0	-8	-0	-0	0	-0	-0	2.7	0.4	0.3	0.0	3.1	3			
8	0	-2	0	-0	0	0	-0	0.5	0.5	0.1	0.0	1.0	1			
9	0	11	0	0	0	0	0	3.7	0.6	0.4	0.0	4.3	3			
2	5	1	-0	0	0	-0	0	0.4	0.2	0.1	0.0	0.5	2			
7	5	-8	-0	-0	0	0	-0	2.7	1.0	0.3	0.0	3.7	3			
8	5	-1	0	-0	0	0	0	0.5	0.2	0.1	0.0	0.7	2			
9	5	11	0	0	0	-0	0	3.7	1.4	0.4	0.0	5.1	3			
2	10	1	-0	0	0	-0	0	0.4	0.3	0.1	0.0	0.7	2			

7	10	-8	-0	-0	0	0	-0	2.7	1.6	0.3	0.0	4.3	3
8	10	-1	0	-0	0	0	0	0.5	0.4	0.1	0.0	0.9	2
9	10	11	0	0	0	-0	0	3.7	2.2	0.4	0.0	5.9	3

ASTA NUM. 137 NI 4716 NF 4717 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-237	-3	0	0	-0	-0	78.0	3.7	2.2	0.0	81.7	3			
7	0	-7	-0	0	0	0	-0	2.4	0.5	0.0	0.0	2.8	3			
8	0	326	4	-0	0	0	0	107.1	5.1	3.1	0.0	112.2	3			
9	0	9	0	-0	0	-0	0	3.1	0.7	0.1	0.0	3.7	3			
2	27	-237	-3	0	0	-0	-1	77.9	26.3	2.2	0.0	104.3	3			
7	27	-7	-0	0	0	0	-0	2.3	0.9	0.0	0.0	3.1	3			
8	27	326	4	-0	0	0	1	107.2	36.2	3.1	0.0	143.4	3			
9	27	10	0	-0	0	-0	0	3.2	1.2	0.1	0.0	4.4	3			
2	55	-237	-3	0	0	-0	-2	77.8	49.0	2.2	0.0	126.8	3			
7	55	-7	-0	0	0	0	-0	2.2	1.3	0.0	0.0	3.4	3			
8	55	326	4	-0	0	0	2	107.3	67.3	3.1	0.0	174.6	3			
9	55	10	0	-0	0	-0	0	3.2	1.7	0.1	0.0	5.0	3			

ASTA NUM. 136 NI 4717 NF 4718 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-675	-3	-0	0	-0	-2	222.0	49.6	2.5	0.0	271.7	3			
7	0	3	0	0	0	0	-0	0.9	1.3	0.2	0.0	2.2	3			
8	0	928	5	0	0	0	2	305.1	68.2	3.4	0.0	373.3	3			
9	0	-4	-0	-0	0	-0	0	1.4	1.8	0.2	0.0	3.2	3			
2	27	-675	-3	-0	0	-0	-3	221.9	74.0	2.5	0.0	296.0	3			
7	27	3	0	0	0	-0	0	1.0	0.6	0.2	0.0	1.6	3			
8	27	928	5	0	0	0	4	305.2	101.8	3.4	0.0	407.0	3			
9	27	-4	-0	-0	0	0	-0	1.3	0.8	0.2	0.0	2.0	3			
2	55	-674	-3	-0	0	0	-4	221.8	99.2	2.5	0.0	321.0	3			
7	55	3	0	0	0	-0	0	1.1	2.5	0.2	0.0	3.6	3			
8	55	928	5	0	0	-0	5	305.3	136.3	3.4	0.0	441.6	3			
9	55	-4	-0	-0	0	0	-0	1.2	3.4	0.2	0.0	4.6	3			

ASTA NUM. 133 NI 4718 NF 4715 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-967	1	1	0	0	-4	318.2	107.9	0.8	0.0	426.1	3			
7	0	46	-0	-1	0	-0	0	15.0	6.2	0.7	0.0	21.2	3			
8	0	1330	-1	-1	0	-0	5	437.5	148.4	1.1	0.0	585.9	3			
9	0	-62	1	1	0	0	-0	20.4	8.5	0.6	0.0	28.9	3			
2	5	-967	1	1	0	-0	-4	318.2	106.7	0.8	0.0	424.9	3			
7	5	46	-0	-1	0	0	0	15.0	5.7	0.7	0.0	20.7	3			
8	5	1330	-1	-1	0	0	5	437.7	147.3	1.1	0.0	585.0	3			
9	5	-62	1	1	0	-0	-0	20.4	7.3	0.6	0.0	27.6	3			
2	10	-967	1	1	0	-0	-4	318.2	106.3	0.8	0.0	424.4	3			
7	10	46	-0	-1	0	0	0	15.0	6.3	0.7	0.0	21.3	3			
8	10	1331	-1	-1	0	0	5	437.8	147.2	1.1	0.0	585.0	3			
9	10	-62	1	1	0	-0	-0	20.4	7.6	0.6	0.0	27.9	3			

ASTA NUM. 144 NI 4715 NF 4610 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-1240	-7	-2	0	-0	-4	407.9	110.8	5.3	0.0	518.6	3			
7	0	148	4	2	0	0	-0	48.7	2.3	3.3	0.0	51.0	3			
8	0	1706	10	3	0	0	6	561.2	153.3	7.4	0.0	714.5	3			
9	0	-202	-6	-3	0	-0	0	66.6	2.2	4.5	0.0	68.8	5			
2	14	-1240	-7	-2	0	0	-5	407.9	140.8	5.3	0.0	548.7	3			
7	14	148	4	2	0	-0	1	48.8	23.1	3.3	0.0	71.8	3			
8	14	1707	10	3	0	-0	7	561.3	195.1	7.4	0.0	756.4	3			
9	14	-202	-6	-3	0	0	-1	66.5	30.3	4.5	0.0	96.8	3			
2	27	-1240	-7	-2	0	0	-6	407.9	174.1	5.3	0.0	582.0	3			
7	27	148	4	2	0	-1	1	48.8	48.4	3.3	0.0	97.2	3			
8	27	1707	10	3	0	-1	8	561.5	243.3	7.4	0.0	804.8	3			
9	27	-202	-6	-3	0	1	-2	66.5	62.7	4.5	0.0	129.2	3			

ASTA NUM. 324 NI 4610 NF 4608 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2206	-41	6	0	0	-3	725.7	101.6	30.1	0.0	827.3	3	
7	0	802	35	-9	0	-1	-2	263.7	57.1	25.8	0.0	320.8	3	
8	0	3038	56	-11	0	-1	5	999.3	143.4	41.5	0.0	1142.7	3	
9	0	-1097	-48	10	0	1	2	360.9	74.8	35.4	0.0	435.7	3	
2	14	-2206	-41	6	0	-0	-9	725.7	253.2	30.1	0.0	978.8	3	
7	14	802	35	-9	0	1	3	263.7	106.8	25.8	0.0	370.5	3	
8	14	3038	56	-11	0	1	12	999.3	354.9	41.5	0.0	1354.2	3	
9	14	-1097	-48	10	0	-1	-4	360.9	140.1	35.4	0.0	500.9	3	
2	27	-2206	-41	6	0	-1	-14	725.7	426.7	30.1	0.0	1152.4	3	
7	27	802	35	-9	0	2	8	263.8	270.7	25.8	0.0	534.5	3	
8	27	3038	56	-11	0	2	20	999.3	604.1	41.5	0.0	1603.4	3	
9	27	-1097	-48	10	0	-2	-11	360.9	354.9	35.4	0.0	715.8	3	

ASTA NUM. 325 NI 4608 NF 4609 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	799	-35	7	0	1	8	262.8	256.3	25.7	0.0	519.0	3	
7	0	-2209	41	-8	0	-2	-14	726.6	441.3	30.2	0.0	1168.0	3	
8	0	-1104	48	-12	0	-3	-11	363.2	369.7	35.5	0.0	732.9	3	
9	0	3032	-56	8	0	2	20	997.4	589.3	41.4	0.0	1586.6	3	
2	14	799	-35	7	0	0	3	262.8	101.2	25.7	0.0	364.0	3	
7	14	-2209	41	-8	0	-1	-9	726.6	258.8	30.2	0.0	985.5	3	
8	14	-1104	48	-12	0	-1	-4	363.0	145.9	35.5	0.0	508.9	3	
9	14	3032	-56	8	0	1	12	997.4	349.0	41.4	0.0	1346.4	3	
2	27	799	-35	7	0	-0	-2	262.9	53.9	25.7	0.0	316.8	3	
7	27	-2209	41	-8	0	1	-3	726.6	104.7	30.2	0.0	831.3	3	
8	27	-1103	48	-12	0	1	2	362.8	77.9	35.5	0.0	440.7	3	
9	27	3032	-56	8	0	-1	5	997.4	140.2	41.4	0.0	1137.6	3	

ASTA NUM. 140 NI 4609 NF 4865 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	148	-4	-2	0	-0	1	48.5	45.2	3.3	0.0	93.8	3	
7	0	-1241	7	2	0	1	-6	408.2	177.3	5.3	0.0	585.5	3	
8	0	-205	6	3	0	1	-2	67.3	66.1	4.5	0.0	133.4	3	
9	0	1704	-10	-2	0	-1	8	560.5	239.9	7.3	0.0	800.4	3	
2	14	148	-4	-2	0	-0	1	48.6	21.9	3.3	0.0	70.5	3	
7	14	-1241	7	2	0	0	-5	408.2	142.0	5.3	0.0	550.2	3	
8	14	-205	6	3	0	0	-1	67.3	31.6	4.5	0.0	98.9	3	
9	14	1704	-10	-2	0	-0	7	560.5	193.8	7.3	0.0	754.3	3	
2	27	148	-4	-2	0	0	-0	48.6	1.4	3.3	0.0	50.1	5	
7	27	-1241	7	2	0	-0	-4	408.2	111.6	5.3	0.0	519.8	3	
8	27	-204	6	3	0	-0	0	67.2	2.9	4.5	0.0	70.2	2	
9	27	1704	-10	-2	0	0	6	560.5	152.4	7.3	0.0	712.9	3	

ASTA NUM. 141 NI 4865 NF 4866 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	46	0	1	0	0	0	15.0	5.4	0.4	0.0	20.4	3	
7	0	-967	-1	-1	0	-0	-4	318.2	107.1	0.8	0.0	425.3	3	
8	0	-63	-1	-1	0	-0	-0	20.9	8.6	0.9	0.0	29.4	3	
9	0	1329	1	1	0	0	5	437.2	146.2	1.1	0.0	583.3	3	
2	5	46	0	1	0	0	0	15.0	5.3	0.4	0.0	20.3	3	
7	5	-967	-1	-1	0	-0	-4	318.2	107.2	0.8	0.0	425.4	3	
8	5	-63	-1	-1	0	-0	-0	20.8	7.8	0.9	0.0	28.7	3	
9	5	1329	1	1	0	0	5	437.2	146.7	1.1	0.0	583.9	3	
2	10	46	0	1	0	-0	0	15.0	6.2	0.4	0.0	21.3	3	
7	10	-967	-1	-1	0	0	-4	318.2	107.9	0.8	0.0	426.1	3	
8	10	-63	-1	-1	0	0	-0	20.8	8.7	0.9	0.0	29.5	3	
9	10	1329	1	1	0	-0	5	437.2	148.2	1.1	0.0	585.4	3	

ASTA NUM. 138 NI 4866 NF 4867 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	3	-0	-0	0	-0	0	1.0	2.5	0.2	0.0	3.5	3	
7	0	-675	3	0	0	0	-4	221.9	99.1	2.5	0.0	321.0	3	
8	0	-5	0	0	0	0	-0	1.7	3.5	0.2	0.0	5.2	3	
9	0	926	-5	-0	0	-0	5	304.8	136.2	3.4	0.0	441.0	3	
2	27	3	-0	-0	0	-0	0	1.1	0.6	0.2	0.0	1.7	3	
7	27	-674	3	0	0	-0	-3	221.8	74.0	2.5	0.0	295.8	3	
8	27	-5	0	0	0	0	-0	1.6	0.9	0.2	0.0	2.5	3	
9	27	927	-5	-0	0	0	4	304.9	101.7	3.4	0.0	406.6	3	
2	55	4	-0	-0	0	0	-0	1.2	1.3	0.2	0.0	2.5	3	
7	55	-674	3	0	0	-0	-2	221.7	49.6	2.5	0.0	271.3	3	
8	55	-4	0	0	0	-0	0	1.5	1.8	0.2	0.0	3.3	3	
9	55	927	-5	-0	0	0	2	305.0	68.1	3.4	0.0	373.1	3	

ASTA NUM. 139 NI 4867 NF 4864 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	-0	0	0	-0	2.3	1.2	0.0	0.0	3.5	3	
7	0	-237	3	-0	0	-0	-2	78.0	48.9	2.2	0.0	126.9	3	
8	0	9	-0	0	0	-0	0	2.9	1.7	0.1	0.0	4.6	3	
9	0	325	-4	0	0	0	2	106.9	67.2	3.1	0.0	174.1	3	
2	27	-7	0	-0	0	0	-0	2.2	0.8	0.0	0.0	3.1	3	
7	27	-237	3	-0	0	-0	-1	77.9	26.3	2.2	0.0	104.2	3	
8	27	9	-0	0	0	-0	0	3.0	1.2	0.1	0.0	4.2	3	
9	27	325	-4	0	0	0	1	107.0	36.1	3.1	0.0	143.2	3	
2	55	-6	0	-0	0	0	-0	2.1	0.5	0.0	0.0	2.6	3	
7	55	-236	3	-0	0	-0	-0	77.8	3.7	2.2	0.0	81.5	3	
8	55	9	-0	0	0	-0	0	3.1	0.6	0.1	0.0	3.7	3	
9	55	326	-4	0	0	0	0	107.1	5.1	3.1	0.0	112.2	3	

ASTA NUM. 142 NI 4864 NF 4862 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	0	0	0	0	-0	2.7	1.6	0.3	0.0	4.2	3	
7	0	1	0	-0	0	-0	0	0.4	0.3	0.1	0.0	0.7	2	
8	0	11	-0	-0	0	-0	0	3.6	2.1	0.4	0.0	5.8	3	
9	0	-2	-0	0	0	0	0	0.6	0.4	0.1	0.0	1.0	2	
2	5	-8	0	0	0	0	-0	2.7	1.0	0.3	0.0	3.7	3	
7	5	1	0	-0	0	-0	0	0.4	0.2	0.1	0.0	0.6	2	
8	5	11	-0	-0	0	-0	0	3.7	1.3	0.4	0.0	5.0	3	
9	5	-2	-0	0	0	0	0	0.5	0.2	0.1	0.0	0.8	2	
2	10	-8	0	0	0	-0	-0	2.7	0.4	0.3	0.0	3.1	3	
7	10	1	0	-0	0	-0	0	0.4	0.3	0.1	0.0	0.8	1	
8	10	11	-0	-0	0	0	0	3.7	0.6	0.4	0.0	4.2	3	
9	10	-2	-0	0	0	0	-0	0.5	0.5	0.1	0.0	1.0	1	

ASTA NUM. 143 NI 4862 NF 4863 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	-0	0	-0	-0	1.8	1.0	0.1	0.0	2.8	3	
7	0	13	-0	0	0	-0	0	4.1	2.2	0.1	0.0	6.3	3	
8	0	7	-0	0	0	0	0	2.4	1.4	0.1	0.0	3.8	3	
9	0	-18	0	-0	0	0	-0	5.8	3.0	0.2	0.0	8.8	3	
2	14	-5	0	-0	0	0	-0	1.8	0.7	0.1	0.0	2.5	3	
7	14	13	-0	0	0	-0	0	4.2	1.6	0.1	0.0	5.7	3	
8	14	7	-0	0	0	-0	0	2.4	0.9	0.1	0.0	3.4	3	
9	14	-17	0	-0	0	0	-0	5.7	2.2	0.2	0.0	7.9	3	
2	27	-5	0	-0	0	0	0	1.7	0.1	0.1	0.0	1.9	2	
7	27	13	-0	0	0	-0	0	4.2	1.0	0.1	0.0	5.2	3	
8	27	8	-0	0	0	-0	0	2.5	0.2	0.1	0.0	2.7	2	
9	27	-17	0	-0	0	0	-0	5.7	1.4	0.2	0.0	7.1	3	

ASTA NUM. 422 NI 4863 NF 4994 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg		kg*m				kg/cmq					
2	0	-7	0	0	0	0	-0	2.5	1.9	0.2	0.0	4.3	3
7	0	19	-1	-0	0	-0	0	6.1	4.4	0.4	0.0	10.6	3
8	0	9	-0	-0	0	-0	0	3.0	2.6	0.3	0.0	5.6	3
9	0	-27	1	0	0	0	-0	8.8	6.0	0.5	0.0	14.8	3
2	14	-7	0	0	0	0	-0	2.3	0.9	0.2	0.0	3.2	3
7	14	19	-1	-0	0	-0	0	6.3	2.3	0.4	0.0	8.6	3
8	14	10	-0	-0	0	-0	0	3.2	1.2	0.3	0.0	4.3	3
9	14	-26	1	0	0	0	-0	8.7	3.2	0.5	0.0	11.8	3
2	27	-7	0	0	0	0	0	2.2	0.0	0.2	0.0	2.2	2
7	27	20	-1	-0	0	0	0	6.4	0.0	0.4	0.0	6.5	2
8	27	10	-0	-0	0	0	0	3.3	0.0	0.3	0.0	3.3	2
9	27	-26	1	0	0	0	-0	8.5	0.3	0.5	0.0	8.8	1

ASTA NUM. 405 NI 4965 NF 4713 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-16	-1	-0	0	0	0	5.2	0.4	0.4	0.0	5.6	1	
7	0	11	0	0	0	0	0	3.5	0.4	0.2	0.0	3.9	1	
8	0	21	1	0	0	0	-0	6.9	0.5	0.6	0.0	7.4	1	
9	0	-15	-0	-0	0	0	-0	5.0	0.5	0.2	0.0	5.6	1	
2	14	-15	-1	-0	0	0	-0	5.0	1.8	0.4	0.0	6.9	3	
7	14	11	0	0	0	-0	0	3.6	1.3	0.2	0.0	4.9	3	
8	14	21	1	0	0	-0	0	7.0	2.5	0.6	0.0	9.5	3	
9	14	-15	-0	-0	0	0	-0	4.9	1.8	0.2	0.0	6.7	3	
2	27	-15	-1	-0	0	0	-0	4.9	4.0	0.4	0.0	8.9	3	
7	27	11	0	0	0	-0	0	3.8	2.2	0.2	0.0	6.0	3	
8	27	22	1	0	0	-0	0	7.1	5.5	0.6	0.0	12.7	3	
9	27	-14	-0	-0	0	0	-0	4.8	3.0	0.2	0.0	7.8	3	

ASTA NUM. 154 NI 4713 NF 4711 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-13	-0	0	0	0	-0	4.3	0.7	0.2	0.0	4.9	3	
7	0	6	0	-0	0	-0	0	2.0	0.5	0.1	0.0	2.5	3	
8	0	18	0	-0	0	-0	0	5.8	0.9	0.3	0.0	6.7	3	
9	0	-9	-0	0	0	0	-0	2.9	0.7	0.1	0.0	3.5	3	
2	14	-13	-0	0	0	0	-0	4.2	1.5	0.2	0.0	5.8	3	
7	14	6	0	-0	0	-0	0	2.1	0.8	0.1	0.0	2.9	3	
8	14	18	0	-0	0	-0	0	5.9	2.1	0.3	0.0	8.0	3	
9	14	-9	-0	0	0	0	-0	2.8	1.0	0.1	0.0	3.9	3	
2	27	-13	-0	0	0	0	-0	4.2	2.4	0.2	0.0	6.6	3	
7	27	6	0	-0	0	0	0	2.1	1.0	0.1	0.0	3.2	3	
8	27	18	0	-0	0	-0	0	5.9	3.3	0.3	0.0	9.2	3	
9	27	-8	-0	0	0	-0	-0	2.8	1.4	0.1	0.0	4.2	3	

ASTA NUM. 155 NI 4711 NF 4712 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-36	-2	-0	0	0	-0	12.0	1.8	1.1	0.0	13.8	3	
7	0	8	0	0	0	0	0	2.7	0.5	0.2	0.0	3.2	3	
8	0	50	2	0	0	-0	0	16.5	2.5	1.6	0.0	19.0	3	
9	0	-11	-0	-0	0	-0	-0	3.7	0.6	0.3	0.0	4.3	3	
2	5	-36	-2	-0	0	0	-0	12.0	4.1	1.1	0.0	16.1	3	
7	5	8	0	0	0	-0	0	2.7	1.0	0.2	0.0	3.7	3	
8	5	50	2	0	0	-0	0	16.5	5.7	1.6	0.0	22.2	3	
9	5	-11	-0	-0	0	0	-0	3.7	1.3	0.3	0.0	5.0	3	
2	10	-36	-2	-0	0	0	-0	12.0	6.4	1.1	0.0	18.3	3	
7	10	8	0	0	0	-0	0	2.7	1.5	0.2	0.0	4.2	3	
8	10	50	2	0	0	-0	0	16.5	8.8	1.6	0.0	25.3	3	
9	10	-11	-0	-0	0	0	-0	3.7	2.1	0.3	0.0	5.7	3	

ASTA NUM. 152 NI 4712 NF 4714 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-277	-3	-0	0	0	-0	91.0	5.1	2.5	0.0	96.1	3
7	0	6	0	-0	0	-0	0	1.9	0.6	0.0	0.0	2.5	3
8	0	380	5	0	0	-0	0	124.9	7.1	3.5	0.0	132.0	3
9	0	-8	-0	0	0	0	-0	2.7	0.8	0.0	0.0	3.5	3
2	27	-276	-3	-0	0	0	-1	90.9	30.6	2.5	0.0	121.5	3
7	27	6	0	-0	0	-0	0	2.0	0.8	0.0	0.0	2.8	3
8	27	380	5	0	0	-0	2	125.0	42.1	3.5	0.0	167.2	3
9	27	-8	-0	0	0	0	-0	2.6	1.1	0.0	0.0	3.7	3
2	55	-276	-3	-0	0	0	-2	90.8	56.2	2.5	0.0	146.9	3
7	55	6	0	-0	0	-0	0	2.1	1.0	0.0	0.0	3.1	3
8	55	380	5	0	0	-0	3	125.1	77.2	3.5	0.0	202.3	3
9	55	-8	-0	0	0	0	-0	2.5	1.4	0.0	0.0	3.9	3

ASTA NUM. 153 NI 4714 NF 4709 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-702	-3	0	0	0	-2	230.8	54.5	2.3	0.0	285.3	3	
7	0	-9	-0	-0	0	-0	0	2.9	1.4	0.2	0.0	4.3	3	
8	0	964	4	-0	0	-0	3	317.1	74.9	3.1	0.0	392.1	3	
9	0	12	0	0	0	0	-0	3.8	1.9	0.3	0.0	5.8	3	
2	27	-701	-3	0	0	-0	-3	230.7	76.9	2.3	0.0	307.7	3	
7	27	-9	-0	-0	0	0	-0	2.8	1.1	0.2	0.0	3.9	3	
8	27	964	4	-0	0	0	4	317.2	105.8	3.1	0.0	423.0	3	
9	27	12	0	0	0	-0	0	3.9	1.6	0.3	0.0	5.5	3	
2	55	-701	-3	0	0	-0	-4	230.6	100.2	2.3	0.0	330.8	3	
7	55	-8	-0	-0	0	0	-0	2.7	3.7	0.2	0.0	6.4	3	
8	55	965	4	-0	0	0	5	317.3	137.7	3.1	0.0	455.0	3	
9	55	12	0	0	0	-0	0	4.0	5.1	0.3	0.0	9.1	3	

ASTA NUM. 156 NI 4709 NF 4710 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-909	-4	-1	0	-0	-3	298.9	95.1	2.7	0.0	394.0	3	
7	0	-58	0	1	0	0	-0	19.1	7.0	0.5	0.0	26.1	3	
8	0	1249	5	1	0	0	5	410.9	130.7	3.7	0.0	541.6	3	
9	0	80	-0	-1	0	-0	0	26.3	9.6	0.8	0.0	35.8	3	
2	5	-909	-4	-1	0	0	-4	298.9	100.5	2.7	0.0	399.5	3	
7	5	-58	0	1	0	-0	-0	19.1	6.8	0.5	0.0	25.9	3	
8	5	1249	5	1	0	-0	5	410.9	138.1	3.7	0.0	549.0	3	
9	5	80	-0	-1	0	0	0	26.3	9.5	0.8	0.0	35.8	3	
2	10	-909	-4	-1	0	0	-4	298.9	106.8	2.7	0.0	405.7	3	
7	10	-58	0	1	0	-0	-0	19.1	7.7	0.5	0.0	26.8	3	
8	10	1249	5	1	0	-0	5	410.9	146.6	3.7	0.0	557.4	3	
9	10	80	-0	-1	0	0	0	26.3	10.8	0.8	0.0	37.1	3	

ASTA NUM. 145 NI 4710 NF 4607 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-959	-1	2	0	0	-4	315.5	103.3	1.6	0.0	418.8	3	
7	0	-136	-2	-2	0	-0	-0	44.6	9.2	1.4	0.0	53.8	3	
8	0	1318	1	-3	0	-0	5	433.6	141.9	2.2	0.0	575.4	3	
9	0	186	3	3	0	0	0	61.0	12.9	1.9	0.0	73.9	3	
2	14	-959	-1	2	0	-0	-4	315.5	111.4	1.6	0.0	426.9	3	
7	14	-135	-2	-2	0	0	-1	44.6	20.1	1.4	0.0	64.6	3	
8	14	1318	1	-3	0	0	5	433.6	152.9	2.2	0.0	586.5	3	
9	14	186	3	3	0	-0	1	61.1	27.8	1.9	0.0	88.8	3	
2	27	-959	-1	2	0	-1	-4	315.4	123.7	1.6	0.0	439.1	3	
7	27	-135	-2	-2	0	0	-1	44.5	33.8	1.4	0.0	78.3	3	
8	27	1318	1	-3	0	1	6	433.6	169.3	2.2	0.0	602.8	3	
9	27	186	3	3	0	-1	1	61.1	47.1	1.9	0.0	108.2	3	

ASTA NUM. 326 NI 4607 NF 4605 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-888	2	-8	0	-1	-4	292.1	119.2	5.8	0.0	411.4	3	
7	0	-340	-4	7	0	0	-1	111.7	35.9	5.2	0.0	147.6	3	
8	0	1218	-3	10	0	1	5	400.7	163.3	7.6	0.0	564.0	3	

9	0	463	5	-10	0	-1	1	152.4	50.1	7.5	0.0	202.5	3
2	14	-888	2	-8	0	1	-4	292.1	112.1	5.8	0.0	404.2	3
7	14	-339	-4	7	0	-1	-1	111.6	51.3	5.2	0.0	162.9	3
8	14	1218	-3	10	0	-1	5	400.7	152.7	7.6	0.0	553.3	3
9	14	463	5	-10	0	1	2	152.5	71.4	7.5	0.0	223.9	3
2	27	-888	2	-8	0	2	-3	292.0	134.0	5.8	0.0	426.0	3
7	27	-339	-4	7	0	-1	-2	111.6	90.6	5.2	0.0	202.2	3
8	27	1218	-3	10	0	-2	5	400.7	180.5	7.6	0.0	581.2	3
9	27	464	5	-10	0	2	3	152.5	126.9	7.5	0.0	279.4	3

ASTA NUM. 327 NI 4605 NF 4606 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-337	3	-7	0	-2	-2	110.7	92.7	5.5	0.0	203.4	3			
7	0	-885	-2	7	0	2	-3	291.2	130.7	5.5	0.0	421.9	3			
8	0	465	-5	10	0	2	3	153.1	125.1	7.2	0.0	278.2	3			
9	0	1220	3	-11	0	-2	5	401.3	183.4	7.9	0.0	584.8	3			
2	14	-336	3	-7	0	-1	-1	110.7	52.0	5.5	0.0	162.7	3			
7	14	-885	-2	7	0	1	-4	291.1	110.8	5.5	0.0	401.9	3			
8	14	466	-5	10	0	1	2	153.1	70.7	7.2	0.0	223.8	3			
9	14	1220	3	-11	0	-1	5	401.3	153.8	7.9	0.0	555.1	3			
2	27	-336	3	-7	0	0	-1	110.6	36.5	5.5	0.0	147.1	3			
7	27	-885	-2	7	0	-1	-4	291.1	118.7	5.5	0.0	409.7	3			
8	27	466	-5	10	0	-1	1	153.2	49.5	7.2	0.0	202.7	3			
9	27	1220	3	-11	0	1	5	401.3	163.7	7.9	0.0	565.0	3			

ASTA NUM. 149 NI 4606 NF 4859 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-134	2	2	0	0	-1	44.2	34.3	1.4	0.0	78.5	3			
7	0	-958	1	-2	0	-1	-4	315.2	122.9	1.6	0.0	438.1	3			
8	0	185	-3	-2	0	-1	1	60.9	46.6	1.9	0.0	107.5	3			
9	0	1317	-1	3	0	1	6	433.2	169.8	2.2	0.0	603.0	3			
2	14	-134	2	2	0	0	-1	44.2	20.2	1.4	0.0	64.4	3			
7	14	-958	1	-2	0	-0	-4	315.1	111.1	1.6	0.0	426.2	3			
8	14	185	-3	-2	0	-0	1	61.0	27.5	1.9	0.0	88.5	3			
9	14	1318	-1	3	0	0	5	433.4	153.0	2.2	0.0	586.4	3			
2	27	-134	2	2	0	-0	-0	44.2	9.3	1.4	0.0	53.5	3			
7	27	-958	1	-2	0	0	-4	315.1	103.1	1.6	0.0	418.1	3			
8	27	186	-3	-2	0	0	0	61.0	12.6	1.9	0.0	73.7	3			
9	27	1318	-1	3	0	-0	5	433.6	141.9	2.2	0.0	575.4	3			

ASTA NUM. 148 NI 4859 NF 4856 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-58	-0	-1	0	-0	-0	18.9	7.8	0.6	0.0	26.7	3			
7	0	-908	4	1	0	0	-4	298.7	106.5	2.7	0.0	405.2	3			
8	0	79	0	1	0	0	0	26.0	10.5	0.7	0.0	36.5	3			
9	0	1248	-5	-1	0	-0	5	410.5	146.6	3.7	0.0	557.2	3			
2	5	-58	-0	-1	0	-0	-0	18.9	6.8	0.6	0.0	25.8	3			
7	5	-908	4	1	0	0	-4	298.7	100.4	2.7	0.0	399.1	3			
8	5	79	0	1	0	0	0	26.0	9.3	0.7	0.0	35.3	3			
9	5	1248	-5	-1	0	-0	5	410.7	138.1	3.7	0.0	548.8	3			
2	10	-57	-0	-1	0	0	-0	18.9	6.9	0.6	0.0	25.8	3			
7	10	-908	4	1	0	-0	-3	298.7	95.0	2.7	0.0	393.7	3			
8	10	79	0	1	0	-0	0	26.0	9.5	0.7	0.0	35.5	3			
9	10	1249	-5	-1	0	0	5	410.9	130.7	3.7	0.0	541.5	3			

ASTA NUM. 151 NI 4856 NF 4857 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-8	0	0	0	0	-0	2.8	3.6	0.2	0.0	6.4	3			
7	0	-701	3	-0	0	-0	-4	230.7	100.1	2.3	0.0	330.7	3			
8	0	11	-0	-0	0	-0	0	3.5	4.9	0.3	0.0	8.5	3			
9	0	963	-4	0	0	0	5	316.8	137.6	3.1	0.0	454.4	3			
2	27	-8	0	0	0	0	-0	2.7	1.1	0.2	0.0	3.8	3			

7	27	-701	3	-0	0	-0	-3	230.6	76.9	2.3	0.0	307.5	3
8	27	11	-0	-0	0	-0	0	3.6	1.5	0.3	0.0	5.1	3
9	27	963	-4	0	0	0	4	316.9	105.7	3.1	0.0	422.6	3
2	55	-8	0	0	0	-0	0	2.6	1.4	0.2	0.0	4.0	3
7	55	-701	3	-0	0	0	-2	230.5	54.5	2.3	0.0	284.9	3
8	55	11	-0	-0	0	0	-0	3.7	2.0	0.3	0.0	5.7	3
9	55	964	-4	0	0	-0	3	317.0	74.8	3.1	0.0	391.8	3

ASTA NUM. 150 NI 4857 NF 4858 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	6	-0	0	0	-0	0	1.9	1.0	0.0	0.0	3.0	3			
7	0	-276	3	0	0	0	-2	90.9	56.1	2.5	0.0	147.0	3			
8	0	-9	0	-0	0	0	-0	2.9	1.5	0.0	0.0	4.4	3			
9	0	379	-5	-0	0	-0	3	124.7	77.1	3.5	0.0	201.8	3			
2	27	6	-0	0	0	-0	0	2.0	0.8	0.0	0.0	2.8	3			
7	27	-276	3	0	0	0	-1	90.8	30.6	2.5	0.0	121.4	3			
8	27	-9	0	-0	0	0	-0	2.8	1.1	0.0	0.0	4.0	3			
9	27	379	-5	-0	0	-0	2	124.8	42.1	3.5	0.0	166.9	3			
2	55	6	-0	0	0	-0	0	2.1	0.6	0.0	0.0	2.7	3			
7	55	-276	3	0	0	0	-0	90.7	5.1	2.5	0.0	95.8	3			
8	55	-8	0	-0	0	0	-0	2.7	0.8	0.0	0.0	3.6	3			
9	55	380	-5	-0	0	-0	0	124.9	7.0	3.5	0.0	131.9	3			

ASTA NUM. 147 NI 4858 NF 4860 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	8	-0	-0	0	-0	0	2.7	1.5	0.2	0.0	4.2	3			
7	0	-36	2	0	0	0	-0	12.0	6.4	1.1	0.0	18.4	3			
8	0	-12	0	0	0	0	-0	3.8	2.1	0.3	0.0	5.9	3			
9	0	50	-2	-0	0	-0	0	16.4	8.7	1.6	0.0	25.1	3			
2	5	8	-0	-0	0	-0	0	2.7	1.0	0.2	0.0	3.7	3			
7	5	-36	2	0	0	0	-0	12.0	4.1	1.1	0.0	16.1	3			
8	5	-11	0	0	0	0	-0	3.8	1.4	0.3	0.0	5.2	3			
9	5	50	-2	-0	0	-0	0	16.4	5.6	1.6	0.0	22.0	3			
2	10	8	-0	-0	0	0	0	2.7	0.5	0.2	0.0	3.2	3			
7	10	-36	2	0	0	0	-0	11.9	1.8	1.1	0.0	13.8	3			
8	10	-11	0	0	0	-0	-0	3.8	0.7	0.3	0.0	4.4	3			
9	10	50	-2	-0	0	-0	0	16.4	2.5	1.6	0.0	18.9	3			

ASTA NUM. 146 NI 4860 NF 4861 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	6	-0	0	0	0	0	2.0	1.1	0.1	0.0	3.1	3			
7	0	-13	0	-0	0	0	-0	4.3	2.4	0.2	0.0	6.7	3			
8	0	-9	0	-0	0	-0	-0	2.9	1.5	0.1	0.0	4.4	3			
9	0	17	-0	0	0	-0	0	5.8	3.3	0.3	0.0	9.0	3			
2	14	6	-0	0	0	-0	0	2.0	0.8	0.1	0.0	2.8	3			
7	14	-13	0	-0	0	0	-0	4.3	1.5	0.2	0.0	5.8	3			
8	14	-9	0	-0	0	0	-0	2.9	1.1	0.1	0.0	3.9	3			
9	14	18	-0	0	0	-0	0	5.8	2.1	0.3	0.0	7.9	3			
2	27	6	-0	0	0	-0	0	2.1	0.5	0.1	0.0	2.6	3			
7	27	-13	0	-0	0	0	-0	4.2	0.7	0.2	0.0	4.9	3			
8	27	-9	0	-0	0	0	-0	2.8	0.7	0.1	0.0	3.5	3			
9	27	18	-0	0	0	-0	0	5.8	0.9	0.3	0.0	6.8	3			

ASTA NUM. 434 NI 4861 NF 4996 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	10	-0	-0	0	-0	0	3.3	2.2	0.2	0.0	5.5	3			
7	0	-16	1	0	0	0	-0	5.4	4.0	0.4	0.0	9.4	3			
8	0	-15	0	0	0	0	-0	4.9	3.0	0.2	0.0	7.9	3			
9	0	21	-1	-0	0	-0	0	7.0	5.5	0.5	0.0	12.5	3			
2	14	10	-0	-0	0	-0	0	3.4	1.2	0.2	0.0	4.6	3			
7	14	-16	1	0	0	0	-0	5.2	1.9	0.4	0.0	7.1	3			
8	14	-15	0	0	0	0	-0	4.8	1.7	0.2	0.0	6.5	3			
9	14	22	-1	-0	0	-0	0	7.1	2.6	0.5	0.0	9.7	3			

2	27	11	-0	-0	0	0	0	3.6	0.3	0.2	0.0	3.8	1
7	27	-15	1	0	0	0	0	5.1	0.0	0.4	0.0	5.1	2
8	27	-14	0	0	0	0	-0	4.6	0.4	0.2	0.0	5.0	1
9	27	22	-1	-0	0	0	-0	7.2	0.4	0.5	0.0	7.7	1

ASTA NUM. 406 NI 4966 NF 4707 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	19	1	-0	0	0	0	6.3	0.3	0.4	0.0	6.6	1	
7	0	-7	-0	0	0	0	0	2.3	0.3	0.2	0.0	2.6	1	
8	0	-27	-1	0	0	0	-0	8.9	0.4	0.5	0.0	9.3	1	
9	0	9	0	-0	0	0	-0	2.9	0.3	0.3	0.0	3.2	1	
2	14	20	1	-0	0	0	0	6.4	2.3	0.4	0.0	8.8	3	
7	14	-7	-0	0	0	-0	-0	2.2	0.8	0.2	0.0	3.0	3	
8	14	-27	-1	0	0	-0	-0	8.8	3.2	0.5	0.0	12.0	3	
9	14	9	0	-0	0	0	0	3.0	1.1	0.3	0.0	4.1	3	
2	27	20	1	-0	0	0	0	6.6	4.4	0.4	0.0	10.9	3	
7	27	-6	-0	0	0	-0	-0	2.0	1.9	0.2	0.0	3.9	3	
8	27	-26	-1	0	0	-0	-0	8.7	6.1	0.5	0.0	14.7	3	
9	27	10	0	-0	0	0	0	3.1	2.6	0.3	0.0	5.7	3	

ASTA NUM. 159 NI 4707 NF 4708 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	13	0	0	0	0	0	4.1	1.0	0.1	0.0	5.1	3	
7	0	-6	-0	-0	0	-0	0	1.8	0.1	0.1	0.0	2.0	2	
8	0	-18	-0	-0	0	-0	-0	5.8	1.4	0.2	0.0	7.1	3	
9	0	7	0	0	0	0	0	2.4	0.2	0.1	0.0	2.6	2	
2	14	13	0	0	0	0	0	4.2	1.6	0.1	0.0	5.7	3	
7	14	-5	-0	-0	0	-0	-0	1.8	0.7	0.1	0.0	2.4	3	
8	14	-17	-0	-0	0	-0	-0	5.7	2.2	0.2	0.0	7.9	3	
9	14	7	0	0	0	0	0	2.5	0.9	0.1	0.0	3.4	3	
2	27	13	0	0	0	0	0	4.2	2.2	0.1	0.0	6.4	3	
7	27	-5	-0	-0	0	0	-0	1.7	1.0	0.1	0.0	2.8	3	
8	27	-17	-0	-0	0	-0	-0	5.7	3.0	0.2	0.0	8.6	3	
9	27	8	0	0	0	-0	0	2.5	1.4	0.1	0.0	3.9	3	

ASTA NUM. 158 NI 4708 NF 4704 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1	-0	-0	0	0	0	0.3	0.3	0.1	0.0	0.7	1	
7	0	-8	-0	0	0	0	-0	2.7	0.4	0.3	0.0	3.1	3	
8	0	-2	0	0	0	-0	-0	0.5	0.5	0.1	0.0	1.0	1	
9	0	11	0	-0	0	-0	0	3.7	0.6	0.4	0.0	4.3	3	
2	5	1	-0	-0	0	0	0	0.4	0.2	0.1	0.0	0.5	2	
7	5	-8	-0	0	0	-0	-0	2.7	1.0	0.3	0.0	3.7	3	
8	5	-1	0	0	0	-0	0	0.5	0.2	0.1	0.0	0.7	2	
9	5	11	0	-0	0	0	0	3.7	1.4	0.4	0.0	5.1	3	
2	10	1	-0	-0	0	0	0	0.4	0.3	0.1	0.0	0.7	2	
7	10	-8	-0	0	0	-0	-0	2.7	1.6	0.3	0.0	4.3	3	
8	10	-1	0	0	0	-0	0	0.5	0.4	0.1	0.0	0.9	2	
9	10	11	0	-0	0	0	0	3.7	2.2	0.4	0.0	5.9	3	

ASTA NUM. 161 NI 4704 NF 4705 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-237	-3	-0	0	0	-0	78.0	3.7	2.2	0.0	81.7	3	
7	0	-7	-0	-0	0	-0	-0	2.4	0.5	0.0	0.0	2.8	3	
8	0	326	4	0	0	-0	0	107.1	5.1	3.1	0.0	112.2	3	
9	0	9	0	0	0	0	0	3.1	0.7	0.1	0.0	3.7	3	
2	27	-237	-3	-0	0	0	-1	77.9	26.3	2.2	0.0	104.3	3	
7	27	-7	-0	-0	0	-0	-0	2.3	0.9	0.0	0.0	3.1	3	
8	27	326	4	0	0	-0	1	107.2	36.2	3.1	0.0	143.4	3	
9	27	10	0	0	0	0	0	3.2	1.2	0.1	0.0	4.4	3	
2	55	-237	-3	-0	0	0	-2	77.8	49.0	2.2	0.0	126.8	3	
7	55	-7	-0	-0	0	-0	-0	2.2	1.3	0.0	0.0	3.4	3	

8 55 326 4 0 0 -0 2 107.3 67.3 3.1 0.0 174.6 3
 9 55 10 0 0 0 0 0 3.2 1.7 0.1 0.0 5.0 3

ASTA NUM. 160 NI 4705 NF 4706 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-675	-3	0	0	0	-2	222.0	49.6	2.5	0.0	271.7	3	
7	0	3	0	-0	0	-0	-0	0.9	1.3	0.2	0.0	2.2	3	
8	0	928	5	-0	0	-0	2	305.1	68.2	3.4	0.0	373.3	3	
9	0	-4	-0	0	0	0	0	1.4	1.8	0.2	0.0	3.2	3	
2	27	-675	-3	0	0	0	-3	221.9	74.0	2.5	0.0	296.0	3	
7	27	3	0	-0	0	0	0	1.0	0.6	0.2	0.0	1.6	3	
8	27	928	5	-0	0	-0	4	305.2	101.8	3.4	0.0	407.0	3	
9	27	-4	-0	0	0	-0	-0	1.3	0.8	0.2	0.0	2.0	3	
2	55	-674	-3	0	0	-0	-4	221.8	99.2	2.5	0.0	321.0	3	
7	55	3	0	-0	0	0	0	1.1	2.5	0.2	0.0	3.6	3	
8	55	928	5	-0	0	0	5	305.3	136.3	3.4	0.0	441.6	3	
9	55	-4	-0	0	0	-0	-0	1.2	3.4	0.2	0.0	4.6	3	

ASTA NUM. 157 NI 4706 NF 4703 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-967	1	-1	0	-0	-4	318.2	107.9	0.8	0.0	426.1	3	
7	0	46	-0	1	0	0	0	15.0	6.2	0.7	0.0	21.2	3	
8	0	1330	-1	1	0	0	5	437.5	148.4	1.1	0.0	585.9	3	
9	0	-62	1	-1	0	-0	-0	20.4	8.5	0.6	0.0	28.9	3	
2	5	-967	1	-1	0	0	-4	318.2	106.7	0.8	0.0	424.9	3	
7	5	46	-0	1	0	-0	0	15.0	5.7	0.7	0.0	20.7	3	
8	5	1330	-1	1	0	-0	5	437.7	147.3	1.1	0.0	585.0	3	
9	5	-62	1	-1	0	0	-0	20.4	7.3	0.6	0.0	27.6	3	
2	10	-967	1	-1	0	0	-4	318.2	106.3	0.8	0.0	424.4	3	
7	10	46	-0	1	0	-0	0	15.0	6.3	0.7	0.0	21.3	3	
8	10	1331	-1	1	0	-0	5	437.8	147.2	1.1	0.0	585.0	3	
9	10	-62	1	-1	0	0	-0	20.4	7.6	0.6	0.0	27.9	3	

ASTA NUM. 167 NI 4703 NF 4630 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1240	-7	2	0	0	-4	407.9	110.8	5.3	0.0	518.6	3	
7	0	148	4	-2	0	-0	-0	48.7	2.3	3.3	0.0	51.0	3	
8	0	1706	10	-3	0	-0	6	561.2	153.3	7.4	0.0	714.5	3	
9	0	-202	-6	3	0	0	0	66.6	2.2	4.5	0.0	68.8	5	
2	14	-1240	-7	2	0	-0	-5	407.9	140.8	5.3	0.0	548.7	3	
7	14	148	4	-2	0	0	1	48.8	23.1	3.3	0.0	71.8	3	
8	14	1707	10	-3	0	0	7	561.3	195.1	7.4	0.0	756.4	3	
9	14	-202	-6	3	0	-0	-1	66.5	30.3	4.5	0.0	96.8	3	
2	27	-1240	-7	2	0	-0	-6	407.9	174.1	5.3	0.0	582.0	3	
7	27	148	4	-2	0	1	1	48.8	48.4	3.3	0.0	97.2	3	
8	27	1707	10	-3	0	1	8	561.5	243.3	7.4	0.0	804.8	3	
9	27	-202	-6	3	0	-1	-2	66.5	62.7	4.5	0.0	129.2	3	

ASTA NUM. 168 NI 4630 NF 4631 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2206	-41	-6	0	-0	-3	725.7	101.6	30.1	0.0	827.2	3	
7	0	802	35	9	0	1	-2	263.7	57.1	25.8	0.0	320.8	3	
8	0	3038	56	11	0	1	5	999.3	143.3	41.5	0.0	1142.7	3	
9	0	-1097	-48	-10	0	-1	2	360.9	74.8	35.4	0.0	435.7	3	
2	14	-2206	-41	-6	0	0	-9	725.7	253.1	30.1	0.0	978.8	3	
7	14	802	35	9	0	-1	3	263.7	106.8	25.8	0.0	370.5	3	
8	14	3038	56	11	0	-1	12	999.3	354.9	41.5	0.0	1354.2	3	
9	14	-1097	-48	-10	0	1	-4	360.9	140.1	35.4	0.0	500.9	3	
2	27	-2206	-41	-6	0	1	-14	725.7	426.7	30.1	0.0	1152.4	3	
7	27	802	35	9	0	-2	8	263.8	270.7	25.8	0.0	534.5	3	
8	27	3038	56	11	0	-2	20	999.3	604.1	41.5	0.0	1603.4	3	
9	27	-1097	-48	-10	0	2	-11	360.9	354.9	35.4	0.0	715.8	3	

ASTA NUM. 308 NI 4631 NF 4947 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	799	-35	-7	0	-1	8	262.8	256.3	25.7	0.0	519.0	3	
7	0	-2209	41	8	0	2	-14	726.6	441.3	30.2	0.0	1168.0	3	
8	0	-1104	48	12	0	3	-11	363.2	369.7	35.5	0.0	732.9	3	
9	0	3032	-56	-8	0	-2	20	997.4	589.2	41.4	0.0	1586.6	3	
2	14	799	-35	-7	0	-0	3	262.8	101.2	25.7	0.0	364.0	3	
7	14	-2209	41	8	0	1	-9	726.6	258.8	30.2	0.0	985.5	3	
8	14	-1104	48	12	0	1	-4	363.0	145.9	35.5	0.0	508.9	3	
9	14	3032	-56	-8	0	-1	12	997.4	349.0	41.4	0.0	1346.4	3	
2	27	799	-35	-7	0	0	-2	262.9	53.9	25.7	0.0	316.8	3	
7	27	-2209	41	8	0	-1	-3	726.6	104.7	30.2	0.0	831.3	3	
8	27	-1103	48	12	0	-1	2	362.8	77.9	35.5	0.0	440.7	3	
9	27	3032	-56	-8	0	1	5	997.4	140.2	41.4	0.0	1137.6	3	

ASTA NUM. 309 NI 4947 NF 4853 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	148	-4	2	0	0	1	48.5	45.2	3.3	0.0	93.8	3	
7	0	-1241	7	-2	0	-1	-6	408.2	177.3	5.3	0.0	585.5	3	
8	0	-205	6	-3	0	-1	-2	67.3	66.1	4.5	0.0	133.4	3	
9	0	1704	-10	2	0	1	8	560.5	239.9	7.3	0.0	800.4	3	
2	14	148	-4	2	0	0	1	48.6	21.9	3.3	0.0	70.5	3	
7	14	-1241	7	-2	0	-0	-5	408.2	142.0	5.3	0.0	550.2	3	
8	14	-205	6	-3	0	-0	-1	67.3	31.6	4.5	0.0	98.9	3	
9	14	1704	-10	2	0	0	7	560.5	193.8	7.3	0.0	754.3	3	
2	27	148	-4	2	0	-0	-0	48.6	1.4	3.3	0.0	50.1	5	
7	27	-1241	7	-2	0	0	-4	408.2	111.6	5.3	0.0	519.8	3	
8	27	-204	6	-3	0	0	0	67.2	2.9	4.5	0.0	70.2	2	
9	27	1704	-10	2	0	-0	6	560.5	152.4	7.3	0.0	712.9	3	

ASTA NUM. 164 NI 4853 NF 4854 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	46	0	-1	0	-0	0	15.0	5.4	0.4	0.0	20.4	3	
7	0	-967	-1	1	0	0	-4	318.2	107.1	0.8	0.0	425.3	3	
8	0	-63	-1	1	0	0	-0	20.9	8.6	0.9	0.0	29.4	3	
9	0	1329	1	-1	0	-0	5	437.2	146.2	1.1	0.0	583.3	3	
2	5	46	0	-1	0	-0	0	15.0	5.3	0.4	0.0	20.3	3	
7	5	-967	-1	1	0	0	-4	318.2	107.2	0.8	0.0	425.4	3	
8	5	-63	-1	1	0	0	-0	20.8	7.8	0.9	0.0	28.7	3	
9	5	1329	1	-1	0	-0	5	437.2	146.7	1.1	0.0	583.9	3	
2	10	46	0	-1	0	0	0	15.0	6.2	0.4	0.0	21.3	3	
7	10	-967	-1	1	0	-0	-4	318.2	107.9	0.8	0.0	426.1	3	
8	10	-63	-1	1	0	-0	-0	20.8	8.7	0.9	0.0	29.5	3	
9	10	1329	1	-1	0	0	5	437.2	148.2	1.1	0.0	585.4	3	

ASTA NUM. 162 NI 4854 NF 4855 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	3	-0	0	0	0	0	1.0	2.6	0.2	0.0	3.5	3	
7	0	-675	3	-0	0	-0	-4	221.9	99.1	2.5	0.0	321.0	3	
8	0	-5	0	-0	0	-0	-0	1.7	3.5	0.2	0.0	5.2	3	
9	0	926	-5	0	0	0	5	304.8	136.2	3.4	0.0	441.0	3	
2	27	3	-0	0	0	0	0	1.1	0.6	0.2	0.0	1.7	3	
7	27	-674	3	-0	0	0	-3	221.8	74.0	2.5	0.0	295.8	3	
8	27	-5	0	-0	0	-0	-0	1.6	0.9	0.2	0.0	2.5	3	
9	27	927	-5	0	0	-0	4	304.9	101.7	3.4	0.0	406.6	3	
2	55	4	-0	0	0	-0	-0	1.2	1.3	0.2	0.0	2.5	3	
7	55	-674	3	-0	0	0	-2	221.7	49.6	2.5	0.0	271.3	3	
8	55	-4	0	-0	0	0	0	1.5	1.8	0.2	0.0	3.3	3	
9	55	927	-5	0	0	-0	2	305.0	68.1	3.4	0.0	373.1	3	

ASTA NUM. 163 NI 4855 NF 4852 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-7	0	0	0	-0	-0	2.3	1.2	0.0	0.0	3.5	3	
7	0	-237	3	0	0	0	-2	78.0	48.9	2.2	0.0	126.9	3	
8	0	9	-0	-0	0	0	0	2.9	1.7	0.1	0.0	4.6	3	
9	0	325	-4	-0	0	-0	2	106.9	67.2	3.1	0.0	174.1	3	
2	27	-7	0	0	0	-0	-0	2.2	0.8	0.0	0.0	3.1	3	
7	27	-237	3	0	0	0	-1	77.9	26.3	2.2	0.0	104.2	3	
8	27	9	-0	-0	0	0	0	3.0	1.2	0.1	0.0	4.2	3	
9	27	325	-4	-0	0	-0	1	107.0	36.1	3.1	0.0	143.2	3	
2	55	-6	0	0	0	-0	-0	2.1	0.5	0.0	0.0	2.6	3	
7	55	-236	3	0	0	0	-0	77.8	3.7	2.2	0.0	81.5	3	
8	55	9	-0	-0	0	0	0	3.1	0.6	0.1	0.0	3.7	3	
9	55	326	-4	-0	0	-0	0	107.1	5.1	3.1	0.0	112.2	3	

ASTA NUM. 165 NI 4852 NF 4850 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-8	0	-0	0	-0	-0	2.7	1.6	0.3	0.0	4.2	3	
7	0	1	0	0	0	0	0	0.4	0.3	0.1	0.0	0.7	2	
8	0	11	-0	0	0	0	0	3.6	2.1	0.4	0.0	5.8	3	
9	0	-2	-0	-0	0	-0	0	0.6	0.4	0.1	0.0	1.0	2	
2	5	-8	0	-0	0	-0	-0	2.7	1.0	0.3	0.0	3.7	3	
7	5	1	0	0	0	0	0	0.4	0.2	0.1	0.0	0.6	2	
8	5	11	-0	0	0	0	0	3.7	1.3	0.4	0.0	5.0	3	
9	5	-2	-0	-0	0	-0	0	0.5	0.2	0.1	0.0	0.8	2	
2	10	-8	0	-0	0	0	-0	2.7	0.4	0.3	0.0	3.1	3	
7	10	1	0	0	0	0	0	0.4	0.3	0.1	0.0	0.8	1	
8	10	11	-0	0	0	-0	0	3.7	0.6	0.4	0.0	4.2	3	
9	10	-2	-0	-0	0	-0	-0	0.5	0.5	0.1	0.0	1.0	1	

ASTA NUM. 166 NI 4850 NF 4851 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-6	0	0	0	0	-0	1.8	1.0	0.1	0.0	2.8	3	
7	0	13	-0	-0	0	0	0	4.1	2.2	0.1	0.0	6.3	3	
8	0	7	-0	-0	0	-0	0	2.4	1.4	0.1	0.0	3.8	3	
9	0	-18	0	0	0	-0	-0	5.8	3.0	0.2	0.0	8.8	3	
2	14	-5	0	0	0	-0	-0	1.8	0.7	0.1	0.0	2.5	3	
7	14	13	-0	-0	0	0	0	4.2	1.6	0.1	0.0	5.7	3	
8	14	7	-0	-0	0	0	0	2.4	0.9	0.1	0.0	3.4	3	
9	14	-17	0	0	0	-0	-0	5.7	2.2	0.2	0.0	7.9	3	
2	27	-5	0	0	0	-0	0	1.7	0.1	0.1	0.0	1.9	2	
7	27	13	-0	-0	0	0	0	4.2	1.0	0.1	0.0	5.2	3	
8	27	8	-0	-0	0	0	0	2.5	0.2	0.1	0.0	2.7	2	
9	27	-17	0	0	0	-0	-0	5.7	1.4	0.2	0.0	7.1	3	

ASTA NUM. 421 NI 4851 NF 4995 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-7	0	-0	0	-0	-0	2.5	1.9	0.2	0.0	4.3	3	
7	0	19	-1	0	0	0	0	6.1	4.4	0.4	0.0	10.6	3	
8	0	9	-0	0	0	0	0	3.0	2.6	0.3	0.0	5.6	3	
9	0	-27	1	-0	0	-0	-0	8.8	6.0	0.5	0.0	14.8	3	
2	14	-7	0	-0	0	-0	-0	2.3	0.9	0.2	0.0	3.2	3	
7	14	19	-1	0	0	0	0	6.3	2.3	0.4	0.0	8.6	3	
8	14	10	-0	0	0	0	0	3.2	1.2	0.3	0.0	4.3	3	
9	14	-26	1	-0	0	-0	-0	8.7	3.2	0.5	0.0	11.8	3	
2	27	-7	0	-0	0	0	0	2.2	0.0	0.2	0.0	2.2	2	
7	27	20	-1	0	0	0	0	6.4	0.0	0.4	0.0	6.5	2	
8	27	10	-0	0	0	0	0	3.3	0.0	0.3	0.0	3.3	2	
9	27	-26	1	-0	0	0	-0	8.5	0.3	0.5	0.0	8.8	1	

ASTA NUM. 396 NI 4970 NF 4701 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						

2	0	18	1	-0	0	0	0	5.8	0.0	0.4	0.0	5.9	2	
7	0	-8	-0	0	0	-0	0	2.8	0.0	0.2	0.0	2.8	2	
8	0	-25	-1	0	0	-0	0	8.3	0.0	0.5	0.0	8.4	2	
9	0	11	0	-0	0	0	0	3.5	0.0	0.3	0.0	3.5	2	
2	14	18	1	-0	0	0	0	6.0	2.2	0.4	0.0	8.1	3	
7	14	-8	-0	0	0	-0	-0	2.6	1.0	0.2	0.0	3.6	3	
8	14	-25	-1	0	0	-0	-0	8.2	3.0	0.5	0.0	11.1	3	
9	14	11	0	-0	0	0	0	3.6	1.3	0.3	0.0	5.0	3	
2	27	19	1	-0	0	0	0	6.1	4.2	0.4	0.0	10.3	3	
7	27	-8	-0	0	0	-0	-0	2.5	2.0	0.2	0.0	4.5	3	
8	27	-24	-1	0	0	-0	-0	8.0	5.8	0.5	0.0	13.8	3	
9	27	11	0	-0	0	0	0	3.8	2.8	0.3	0.0	6.6	3	
ASTA NUM. 178 NI 4701 NF 4699 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m														
NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm		kg			kg*m				kg/cmq				
2	0	12	0	0	0	0	0	3.9	0.9	0.1	0.0	4.9	3	
7	0	-6	-0	-0	0	-0	0	2.0	0.2	0.1	0.0	2.2	2	
8	0	-17	-0	-0	0	-0	-0	5.5	1.3	0.2	0.0	6.8	3	
9	0	8	0	0	0	0	0	2.6	0.5	0.1	0.0	3.2	3	
2	14	12	0	0	0	0	0	4.0	1.5	0.1	0.0	5.5	3	
7	14	-6	-0	-0	0	-0	-0	1.9	0.7	0.1	0.0	2.7	3	
8	14	-17	-0	-0	0	-0	-0	5.5	2.1	0.2	0.0	7.6	3	
9	14	8	0	0	0	0	0	2.7	1.0	0.1	0.0	3.7	3	
2	27	12	0	0	0	0	0	4.0	2.1	0.1	0.0	6.1	3	
7	27	-6	-0	-0	0	0	-0	1.9	1.1	0.1	0.0	3.0	3	
8	27	-16	-0	-0	0	-0	-0	5.4	2.9	0.2	0.0	8.3	3	
9	27	8	0	0	0	-0	0	2.7	1.5	0.1	0.0	4.2	3	
ASTA NUM. 179 NI 4699 NF 4700 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m														
NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm		kg			kg*m				kg/cmq				
2	0	1	-0	-0	0	0	0	0.2	0.3	0.1	0.0	0.5	1	
7	0	-9	-0	0	0	0	-0	2.9	0.5	0.3	0.0	3.4	3	
8	0	-1	0	0	0	-0	-0	0.3	0.4	0.1	0.0	0.7	1	
9	0	12	0	-0	0	-0	0	3.9	0.7	0.4	0.0	4.6	3	
2	5	1	-0	-0	0	0	0	0.2	0.2	0.1	0.0	0.4	2	
7	5	-9	-0	0	0	-0	-0	2.9	1.1	0.3	0.0	3.9	3	
8	5	-1	0	0	0	-0	0	0.2	0.2	0.1	0.0	0.5	2	
9	5	12	0	-0	0	0	0	3.9	1.4	0.4	0.0	5.4	3	
2	10	1	-0	-0	0	0	0	0.2	0.3	0.1	0.0	0.5	2	
7	10	-9	-0	0	0	-0	-0	2.8	1.6	0.3	0.0	4.5	3	
8	10	-1	0	0	0	-0	0	0.2	0.4	0.1	0.0	0.7	2	
9	10	12	0	-0	0	0	0	4.0	2.2	0.4	0.0	6.2	3	
ASTA NUM. 176 NI 4700 NF 4702 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m														
NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm		kg			kg*m				kg/cmq				
2	0	-238	-3	-0	0	0	-0	78.2	3.8	2.2	0.0	82.0	3	
7	0	-8	-0	-0	0	-0	-0	2.5	0.5	0.0	0.0	3.1	3	
8	0	326	4	0	0	-0	0	107.3	5.2	3.1	0.0	112.5	3	
9	0	10	0	0	0	0	0	3.3	0.8	0.1	0.0	4.1	3	
2	27	-238	-3	-0	0	0	-1	78.1	26.4	2.2	0.0	104.5	3	
7	27	-7	-0	-0	0	-0	-0	2.5	0.9	0.0	0.0	3.4	3	
8	27	326	4	0	0	-0	1	107.4	36.3	3.1	0.0	143.7	3	
9	27	10	0	0	0	0	0	3.4	1.3	0.1	0.0	4.7	3	
2	55	-237	-3	-0	0	0	-2	78.0	49.0	2.2	0.0	127.0	3	
7	55	-7	-0	-0	0	-0	-0	2.4	1.3	0.0	0.0	3.7	3	
8	55	327	4	0	0	-0	2	107.5	67.4	3.1	0.0	174.9	3	
9	55	11	0	0	0	0	0	3.5	1.8	0.1	0.0	5.3	3	
ASTA NUM. 177 NI 4702 NF 4697 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m														
NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm		kg			kg*m				kg/cmq				
2	0	-676	-3	0	0	0	-2	222.3	49.7	2.5	0.0	271.9	3	

7	0	2	0	-0	0	-0	-0	0.7	1.4	0.2	0.0	2.1	3
8	0	928	5	-0	0	-0	2	305.4	68.3	3.4	0.0	373.7	3
9	0	-3	-0	0	0	0	0	1.0	1.9	0.2	0.0	3.0	3
2	27	-675	-3	0	0	0	-3	222.2	74.1	2.5	0.0	296.3	3
7	27	2	0	-0	0	0	0	0.8	0.3	0.2	0.0	1.1	2
8	27	929	5	-0	0	-0	4	305.5	101.9	3.4	0.0	407.4	3
9	27	-3	-0	0	0	-0	-0	0.9	0.7	0.2	0.0	1.6	3
2	55	-675	-3	0	0	-0	-4	222.1	99.2	2.5	0.0	321.3	3
7	55	3	0	-0	0	0	0	0.9	2.4	0.2	0.0	3.3	3
8	55	929	5	-0	0	0	5	305.6	136.5	3.4	0.0	442.1	3
9	55	-3	-0	0	0	-0	-0	0.8	3.3	0.2	0.0	4.1	3

ASTA NUM. 180 NI 4697 NF 4698 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-968	1	-1	0	-0	-4	318.5	108.0	0.8	0.0	426.5	3	
7	0	45	-0	1	0	0	0	14.7	6.1	0.7	0.0	20.8	3	
8	0	1332	-1	1	0	0	5	438.2	148.5	1.1	0.0	586.7	3	
9	0	-61	1	-1	0	-0	-0	20.0	8.4	0.6	0.0	28.3	3	
2	5	-968	1	-1	0	0	-4	318.5	106.8	0.8	0.0	425.3	3	
7	5	45	-0	1	0	-0	0	14.7	5.6	0.7	0.0	20.3	3	
8	5	1332	-1	1	0	-0	5	438.2	147.4	1.1	0.0	585.6	3	
9	5	-61	1	-1	0	0	-0	19.9	7.1	0.6	0.0	27.1	3	
2	10	-968	1	-1	0	0	-4	318.5	106.4	0.8	0.0	424.8	3	
7	10	45	-0	1	0	-0	0	14.7	6.2	0.7	0.0	20.9	3	
8	10	1332	-1	1	0	-0	5	438.2	147.3	1.1	0.0	585.5	3	
9	10	-61	1	-1	0	0	-0	19.9	7.4	0.6	0.0	27.4	3	

ASTA NUM. 170 NI 4698 NF 4628 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1242	-7	2	0	0	-4	408.6	110.8	5.3	0.0	519.4	3	
7	0	147	4	-2	0	-0	-0	48.3	2.4	3.3	0.0	50.7	3	
8	0	1708	10	-3	0	-0	6	561.8	153.5	7.4	0.0	715.3	3	
9	0	-201	-6	3	0	0	0	66.0	2.3	4.5	0.0	68.3	5	
2	14	-1241	-7	2	0	-0	-5	408.4	141.0	5.3	0.0	549.4	3	
7	14	147	4	-2	0	0	1	48.3	22.9	3.3	0.0	71.3	3	
8	14	1708	10	-3	0	0	7	561.8	195.3	7.4	0.0	757.1	3	
9	14	-200	-6	3	0	-0	-1	65.9	30.1	4.5	0.0	96.0	3	
2	27	-1241	-7	2	0	-0	-6	408.2	174.3	5.3	0.0	582.5	3	
7	27	147	4	-2	0	1	1	48.4	48.3	3.3	0.0	96.7	3	
8	27	1708	10	-3	0	1	8	561.8	243.5	7.4	0.0	805.3	3	
9	27	-200	-6	3	0	-1	-2	65.9	62.5	4.5	0.0	128.4	3	

ASTA NUM. 169 NI 4628 NF 4629 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2209	-41	-6	0	-0	-3	726.6	101.7	30.1	0.0	828.3	3	
7	0	799	35	9	0	1	-2	262.9	57.3	25.7	0.0	320.2	3	
8	0	3041	56	11	0	1	5	1000.3	143.5	41.5	0.0	1143.8	3	
9	0	-1094	-48	-10	0	-1	2	359.9	75.0	35.3	0.0	434.8	3	
2	14	-2208	-41	-6	0	0	-9	726.5	253.4	30.1	0.0	979.9	3	
7	14	799	35	9	0	-1	3	263.0	106.6	25.7	0.0	369.5	3	
8	14	3041	56	11	0	-1	12	1000.3	355.2	41.5	0.0	1355.5	3	
9	14	-1094	-48	-10	0	1	-4	359.9	139.8	35.3	0.0	499.6	3	
2	27	-2208	-41	-6	0	1	-14	726.3	427.2	30.1	0.0	1153.5	3	
7	27	800	35	9	0	-2	8	263.0	270.4	25.7	0.0	533.4	3	
8	27	3041	56	11	0	-2	20	1000.3	604.5	41.5	0.0	1604.8	3	
9	27	-1094	-48	-10	0	2	-11	359.9	354.5	35.3	0.0	714.4	3	

ASTA NUM. 304 NI 4629 NF 4945 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	799	-35	-7	0	-1	8	262.8	256.4	25.7	0.0	519.1	3	
7	0	-2209	41	8	0	2	-14	726.6	441.1	30.1	0.0	1167.7	3	
8	0	-1104	48	12	0	3	-11	363.2	369.7	35.5	0.0	732.9	3	
9	0	3032	-56	-8	0	-2	20	997.4	589.3	41.4	0.0	1586.6	3	

2	14	799	-35	-7	0	-0	3	262.8	101.2	25.7	0.0	364.0	3
7	14	-2209	41	8	0	1	-9	726.6	258.8	30.1	0.0	985.4	3
8	14	-1104	48	12	0	1	-4	363.0	145.9	35.5	0.0	508.9	3
9	14	3032	-56	-8	0	-1	12	997.4	349.1	41.4	0.0	1346.4	3
2	27	799	-35	-7	0	0	-2	262.9	54.0	25.7	0.0	316.9	3
7	27	-2209	41	8	0	-1	-3	726.6	104.8	30.1	0.0	831.4	3
8	27	-1103	48	12	0	-1	2	362.8	78.0	35.5	0.0	440.8	3
9	27	3032	-56	-8	0	1	5	997.4	140.3	41.4	0.0	1137.7	3

ASTA NUM. 305 NI 4945 NF 4847 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	147	-4	2	0	0	1	48.4	45.2	3.3	0.0	93.6	3	
7	0	-1241	7	-2	0	-1	-6	408.2	177.3	5.3	0.0	585.6	3	
8	0	-204	6	-3	0	-1	-2	67.2	66.1	4.5	0.0	133.2	3	
9	0	1704	-10	2	0	1	8	560.5	239.9	7.3	0.0	800.4	3	
2	14	147	-4	2	0	0	1	48.5	21.9	3.3	0.0	70.4	3	
7	14	-1241	7	-2	0	-0	-5	408.2	142.0	5.3	0.0	550.2	3	
8	14	-204	6	-3	0	-0	-1	67.1	31.5	4.5	0.0	98.7	3	
9	14	1704	-10	2	0	0	7	560.7	193.8	7.3	0.0	754.5	3	
2	27	148	-4	2	0	-0	-0	48.5	1.4	3.3	0.0	50.0	5	
7	27	-1241	7	-2	0	0	-4	408.2	111.7	5.3	0.0	519.9	3	
8	27	-204	6	-3	0	0	0	67.1	3.0	4.5	0.0	70.1	3	
9	27	1705	-10	2	0	-0	6	560.9	152.4	7.3	0.0	713.3	3	

ASTA NUM. 173 NI 4847 NF 4844 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	45	0	-1	0	-0	0	14.8	5.4	0.4	0.0	20.3	3	
7	0	-968	-1	1	0	0	-4	318.3	107.1	0.8	0.0	425.5	3	
8	0	-63	-1	1	0	0	-0	20.7	8.5	0.9	0.0	29.2	3	
9	0	1330	1	-1	0	-0	5	437.5	146.2	1.1	0.0	583.7	3	
2	5	45	0	-1	0	-0	0	14.9	5.3	0.4	0.0	20.1	3	
7	5	-968	-1	1	0	0	-4	318.3	107.2	0.8	0.0	425.5	3	
8	5	-63	-1	1	0	0	-0	20.7	7.8	0.9	0.0	28.5	3	
9	5	1330	1	-1	0	-0	5	437.5	146.8	1.1	0.0	584.3	3	
2	10	45	0	-1	0	0	0	14.9	6.2	0.4	0.0	21.1	3	
7	10	-968	-1	1	0	-0	-4	318.3	108.0	0.8	0.0	426.2	3	
8	10	-63	-1	1	0	-0	-0	20.7	8.6	0.9	0.0	29.2	3	
9	10	1330	1	-1	0	0	5	437.5	148.3	1.1	0.0	585.8	3	

ASTA NUM. 175 NI 4844 NF 4845 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	3	-0	0	0	0	0	0.8	2.5	0.2	0.0	3.3	3	
7	0	-675	3	-0	0	-0	-4	222.1	99.1	2.5	0.0	321.2	3	
8	0	-4	0	-0	0	-0	-0	1.5	3.5	0.2	0.0	5.0	3	
9	0	927	-5	0	0	0	5	305.0	136.3	3.4	0.0	441.2	3	
2	27	3	-0	0	0	0	0	0.9	0.6	0.2	0.0	1.5	3	
7	27	-675	3	-0	0	0	-3	222.0	74.0	2.5	0.0	296.0	3	
8	27	-4	0	-0	0	-0	-0	1.4	0.8	0.2	0.0	2.2	3	
9	27	927	-5	0	0	-0	4	305.1	101.8	3.4	0.0	406.8	3	
2	55	3	-0	0	0	-0	-0	1.0	1.4	0.2	0.0	2.4	3	
7	55	-674	3	-0	0	0	-2	221.9	49.6	2.5	0.0	271.5	3	
8	55	-4	0	-0	0	0	0	1.3	1.9	0.2	0.0	3.1	3	
9	55	928	-5	0	0	-0	2	305.2	68.2	3.4	0.0	373.4	3	

ASTA NUM. 174 NI 4845 NF 4846 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	0	0	-0	-0	2.5	1.3	0.0	0.0	3.7	3	
7	0	-238	3	0	0	0	-2	78.1	49.0	2.2	0.0	127.1	3	
8	0	10	-0	-0	0	0	0	3.1	1.7	0.1	0.0	4.9	3	
9	0	326	-4	-0	0	-0	2	107.1	67.3	3.1	0.0	174.4	3	
2	27	-7	0	0	0	-0	-0	2.4	0.9	0.0	0.0	3.3	3	
7	27	-237	3	0	0	0	-1	78.0	26.4	2.2	0.0	104.4	3	

8	27	10	-0	-0	0	0	0	3.2	1.2	0.1	0.0	4.5	3
9	27	326	-4	-0	0	-0	1	107.2	36.2	3.1	0.0	143.4	3
2	55	-7	0	0	0	-0	-0	2.3	0.5	0.0	0.0	2.8	3
7	55	-237	3	0	0	0	-0	77.9	3.8	2.2	0.0	81.7	3
8	55	10	-0	-0	0	0	0	3.3	0.7	0.1	0.0	4.1	3
9	55	326	-4	-0	0	-0	0	107.3	5.1	3.1	0.0	112.5	3

ASTA NUM. 172 NI 4846 NF 4848 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	-0	0	-0	-0	2.9	1.6	0.3	0.0	4.5	3	
7	0	1	0	0	0	0	0	0.2	0.3	0.1	0.0	0.5	2	
8	0	12	-0	0	0	0	0	3.9	2.2	0.4	0.0	6.1	3	
9	0	-1	-0	-0	0	-0	0	0.3	0.4	0.1	0.0	0.8	2	
2	5	-9	0	-0	0	-0	-0	2.9	1.0	0.3	0.0	3.9	3	
7	5	1	0	0	0	0	0	0.2	0.2	0.1	0.0	0.4	2	
8	5	12	-0	0	0	0	0	3.9	1.4	0.4	0.0	5.3	3	
9	5	-1	-0	-0	0	-0	0	0.3	0.2	0.1	0.0	0.6	2	
2	10	-9	0	-0	0	0	-0	2.8	0.5	0.3	0.0	3.3	3	
7	10	1	0	0	0	0	0	0.2	0.3	0.1	0.0	0.5	1	
8	10	12	-0	0	0	-0	0	3.9	0.7	0.4	0.0	4.6	3	
9	10	-1	-0	-0	0	-0	-0	0.3	0.4	0.1	0.0	0.7	1	

ASTA NUM. 171 NI 4848 NF 4849 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	0	0	0	-0	2.0	1.1	0.1	0.0	3.1	3	
7	0	12	-0	-0	0	0	0	3.9	2.1	0.1	0.0	6.0	3	
8	0	8	-0	-0	0	-0	0	2.7	1.5	0.1	0.0	4.1	3	
9	0	-17	0	0	0	-0	-0	5.5	2.9	0.2	0.0	8.4	3	
2	14	-6	0	0	0	-0	-0	2.0	0.7	0.1	0.0	2.7	3	
7	14	12	-0	-0	0	0	0	4.0	1.5	0.1	0.0	5.5	3	
8	14	8	-0	-0	0	0	0	2.7	1.0	0.1	0.0	3.7	3	
9	14	-17	0	0	0	-0	-0	5.5	2.1	0.2	0.0	7.6	3	
2	27	-6	0	0	0	-0	0	1.9	0.2	0.1	0.0	2.1	2	
7	27	12	-0	-0	0	0	0	4.0	0.9	0.1	0.0	4.9	3	
8	27	8	-0	-0	0	0	0	2.8	0.6	0.1	0.0	3.3	3	
9	27	-17	0	0	0	-0	-0	5.4	1.3	0.2	0.0	6.7	3	

ASTA NUM. 425 NI 4849 NF 4991 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	-0	0	-0	-0	3.0	2.1	0.2	0.0	5.1	3	
7	0	17	-1	0	0	0	0	5.6	4.2	0.4	0.0	9.8	3	
8	0	12	-0	0	0	0	0	3.8	2.8	0.3	0.0	6.6	3	
9	0	-25	1	-0	0	-0	-0	8.1	5.8	0.5	0.0	13.9	3	
2	14	-9	0	-0	0	-0	-0	2.9	1.0	0.2	0.0	3.9	3	
7	14	17	-1	0	0	0	0	5.8	2.1	0.4	0.0	7.9	3	
8	14	12	-0	0	0	0	0	3.9	1.4	0.3	0.0	5.4	3	
9	14	-24	1	-0	0	-0	-0	7.9	2.9	0.5	0.0	10.8	3	
2	27	-8	0	-0	0	0	0	2.7	0.0	0.2	0.0	2.8	2	
7	27	18	-1	0	0	0	0	5.9	0.0	0.4	0.0	5.9	2	
8	27	12	-0	0	0	0	0	4.1	0.0	0.3	0.0	4.1	2	
9	27	-24	1	-0	0	0	0	7.8	0.0	0.5	0.0	7.8	2	

ASTA NUM. 395 NI 4969 NF 4695 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-16	-1	-0	0	-0	0	5.3	0.3	0.4	0.0	5.7	3	
7	0	10	0	0	0	0	0	3.3	0.3	0.2	0.0	3.7	3	
8	0	21	1	0	0	0	-0	7.1	0.4	0.6	0.0	7.5	3	
9	0	-15	-0	-0	0	-0	-0	4.8	0.4	0.2	0.0	5.3	3	
2	14	-16	-1	-0	0	0	-0	5.2	1.9	0.4	0.0	7.1	3	
7	14	11	0	0	0	-0	0	3.5	1.2	0.2	0.0	4.7	3	
8	14	22	1	0	0	-0	0	7.2	2.6	0.6	0.0	9.8	3	
9	14	-14	-0	-0	0	0	-0	4.7	1.7	0.2	0.0	6.4	3	

2	27	-15	-1	-0	0	0	-0	5.1	4.1	0.4	0.0	9.1	3
7	27	11	0	0	0	-0	0	3.6	2.1	0.2	0.0	5.8	3
8	27	22	1	0	0	-0	0	7.3	5.6	0.6	0.0	13.0	3
9	27	-14	-0	-0	0	0	-0	4.6	2.9	0.2	0.0	7.5	3

ASTA NUM. 183 NI 4695 NF 4696 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-13	-0	0	0	0	-0	4.3	0.7	0.2	0.0	5.0	3	
7	0	6	0	-0	0	-0	0	2.0	0.5	0.1	0.0	2.5	3	
8	0	18	0	-0	0	-0	0	5.9	0.9	0.3	0.0	6.8	3	
9	0	-8	-0	0	0	0	-0	2.8	0.6	0.1	0.0	3.4	3	
2	14	-13	-0	0	0	0	-0	4.3	1.5	0.2	0.0	5.8	3	
7	14	6	0	-0	0	-0	0	2.0	0.8	0.1	0.0	2.8	3	
8	14	18	0	-0	0	-0	0	5.9	2.1	0.3	0.0	8.1	3	
9	14	-8	-0	0	0	0	-0	2.7	1.0	0.1	0.0	3.8	3	
2	27	-13	-0	0	0	0	-0	4.2	2.4	0.2	0.0	6.7	3	
7	27	6	0	-0	0	0	0	2.1	1.0	0.1	0.0	3.1	3	
8	27	18	0	-0	0	-0	0	6.0	3.4	0.3	0.0	9.3	3	
9	27	-8	-0	0	0	-0	-0	2.7	1.4	0.1	0.0	4.1	3	

ASTA NUM. 182 NI 4696 NF 4692 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-37	-2	-0	0	0	-0	12.0	1.9	1.1	0.0	13.9	3	
7	0	8	0	0	0	0	0	2.6	0.5	0.2	0.0	3.1	1	
8	0	50	2	0	0	-0	0	16.6	2.6	1.6	0.0	19.1	3	
9	0	-11	-0	-0	0	-0	-0	3.6	0.6	0.3	0.0	4.2	1	
2	5	-37	-2	-0	0	0	-0	12.0	4.1	1.1	0.0	16.2	3	
7	5	8	0	0	0	-0	0	2.7	1.0	0.2	0.0	3.6	3	
8	5	50	2	0	0	-0	0	16.6	5.7	1.6	0.0	22.3	3	
9	5	-11	-0	-0	0	0	-0	3.6	1.3	0.3	0.0	4.9	3	
2	10	-37	-2	-0	0	0	-0	12.0	6.4	1.1	0.0	18.4	3	
7	10	8	0	0	0	-0	0	2.7	1.5	0.2	0.0	4.2	3	
8	10	50	2	0	0	-0	0	16.6	8.8	1.6	0.0	25.4	3	
9	10	-11	-0	-0	0	0	-0	3.6	2.0	0.3	0.0	5.6	3	

ASTA NUM. 185 NI 4692 NF 4693 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-277	-3	-0	0	0	-0	91.1	5.1	2.5	0.0	96.2	3	
7	0	6	0	-0	0	-0	0	1.8	0.6	0.0	0.0	2.4	3	
8	0	380	5	0	0	-0	0	125.0	7.1	3.5	0.0	132.1	3	
9	0	-8	-0	0	0	0	-0	2.7	0.8	0.0	0.0	3.4	3	
2	27	-276	-3	-0	0	0	-1	91.0	30.6	2.5	0.0	121.6	3	
7	27	6	0	-0	0	-0	0	1.9	0.8	0.0	0.0	2.7	3	
8	27	380	5	0	0	-0	2	125.1	42.2	3.5	0.0	167.2	3	
9	27	-8	-0	0	0	0	-0	2.6	1.0	0.0	0.0	3.6	3	
2	55	-276	-3	-0	0	0	-2	90.9	56.1	2.5	0.0	147.0	3	
7	55	6	0	-0	0	-0	0	2.0	1.0	0.0	0.0	3.0	3	
8	55	381	5	0	0	-0	3	125.2	77.2	3.5	0.0	202.4	3	
9	55	-7	-0	0	0	0	-0	2.5	1.3	0.0	0.0	3.8	3	

ASTA NUM. 184 NI 4693 NF 4694 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-702	-3	0	0	0	-2	230.9	54.5	2.3	0.0	285.4	3	
7	0	-9	-0	-0	0	-0	0	3.0	1.4	0.2	0.0	4.4	3	
8	0	964	4	-0	0	-0	3	317.3	75.0	3.1	0.0	392.2	3	
9	0	12	0	0	0	0	-0	4.0	1.9	0.3	0.0	5.9	3	
2	27	-702	-3	0	0	-0	-3	230.8	77.0	2.3	0.0	307.8	3	
7	27	-9	-0	-0	0	0	-0	2.9	1.1	0.2	0.0	4.1	3	
8	27	965	4	-0	0	0	4	317.4	105.9	3.1	0.0	423.2	3	
9	27	12	0	0	0	-0	0	4.1	1.6	0.3	0.0	5.7	3	
2	55	-701	-3	0	0	-0	-4	230.7	100.2	2.3	0.0	330.9	3	
7	55	-9	-0	-0	0	0	-0	2.8	3.7	0.2	0.0	6.5	3	
8	55	965	4	-0	0	0	5	317.5	137.8	3.1	0.0	455.2	3	

9 55 13 0 0 0 -0 0 4.2 5.1 0.3 0.0 9.3 3
ASTA NUM. 181 NI 4694 NF 4691 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-909	-4	-1	0	-0	-3	299.1	95.1	2.7	0.0	394.2	3	
7	0	-59	0	1	0	0	-0	19.3	7.0	0.5	0.0	26.3	3	
8	0	1250	5	1	0	0	5	411.2	130.8	3.7	0.0	542.0	3	
9	0	80	-0	-1	0	-0	0	26.4	9.6	0.8	0.0	36.1	3	
2	5	-909	-4	-1	0	0	-4	299.0	100.6	2.7	0.0	399.6	3	
7	5	-59	0	1	0	-0	-0	19.3	6.9	0.5	0.0	26.1	3	
8	5	1250	5	1	0	-0	5	411.2	138.2	3.7	0.0	549.4	3	
9	5	80	-0	-1	0	0	0	26.5	9.5	0.8	0.0	36.0	3	
2	10	-909	-4	-1	0	0	-4	299.0	106.8	2.7	0.0	405.8	3	
7	10	-58	0	1	0	-0	-0	19.2	7.8	0.5	0.0	27.0	3	
8	10	1250	5	1	0	-0	5	411.2	146.7	3.7	0.0	557.8	3	
9	10	80	-0	-1	0	0	0	26.5	10.9	0.8	0.0	37.4	3	

ASTA NUM. 192 NI 4691 NF 4613 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-960	-1	2	0	0	-4	315.7	103.3	1.6	0.0	419.0	3	
7	0	-136	-2	-2	0	-0	-0	44.8	9.3	1.4	0.0	54.1	3	
8	0	1318	1	-3	0	-0	5	433.6	141.9	2.2	0.0	575.4	3	
9	0	186	3	3	0	0	0	61.2	13.0	1.9	0.0	74.2	3	
2	14	-959	-1	2	0	-0	-4	315.6	111.5	1.6	0.0	427.1	3	
7	14	-136	-2	-2	0	0	-1	44.7	20.1	1.4	0.0	64.8	3	
8	14	1319	1	-3	0	0	5	433.7	153.0	2.2	0.0	586.7	3	
9	14	186	3	3	0	-0	1	61.3	27.8	1.9	0.0	89.1	3	
2	27	-959	-1	2	0	-1	-4	315.6	123.7	1.6	0.0	439.3	3	
7	27	-136	-2	-2	0	0	-1	44.7	33.9	1.4	0.0	78.6	3	
8	27	1319	1	-3	0	1	6	433.9	169.3	2.2	0.0	603.2	3	
9	27	186	3	3	0	-1	1	61.3	47.2	1.9	0.0	108.5	3	

ASTA NUM. 322 NI 4613 NF 4611 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-888	2	-8	0	-1	-4	292.3	119.3	5.8	0.0	411.6	3	
7	0	-340	-4	7	0	0	-1	111.8	36.0	5.2	0.0	147.8	3	
8	0	1218	-3	10	0	1	5	400.7	163.4	7.6	0.0	564.0	3	
9	0	464	5	-10	0	-1	1	152.6	50.2	7.5	0.0	202.8	3	
2	14	-888	2	-8	0	1	-4	292.2	112.2	5.8	0.0	404.4	3	
7	14	-340	-4	7	0	-1	-1	111.8	51.4	5.2	0.0	163.2	3	
8	14	1218	-3	10	0	-1	5	400.7	152.7	7.6	0.0	553.4	3	
9	14	464	5	-10	0	1	2	152.7	71.5	7.5	0.0	224.2	3	
2	27	-888	2	-8	0	2	-3	292.2	134.0	5.8	0.0	426.2	3	
7	27	-340	-4	7	0	-1	-2	111.7	90.7	5.2	0.0	202.5	3	
8	27	1218	-3	10	0	-2	5	400.7	180.5	7.6	0.0	581.2	3	
9	27	464	5	-10	0	2	3	152.7	127.1	7.5	0.0	279.8	3	

ASTA NUM. 323 NI 4611 NF 4612 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-337	3	-7	0	-2	-2	110.8	92.7	5.5	0.0	203.5	3	
7	0	-885	-2	7	0	2	-3	291.2	130.8	5.5	0.0	422.0	3	
8	0	466	-5	10	0	2	3	153.2	125.1	7.2	0.0	278.3	3	
9	0	1220	3	-11	0	-2	5	401.3	183.4	7.9	0.0	584.8	3	
2	14	-337	3	-7	0	-1	-1	110.7	52.1	5.5	0.0	162.8	3	
7	14	-885	-2	7	0	1	-4	291.2	110.8	5.5	0.0	402.0	3	
8	14	466	-5	10	0	1	2	153.2	70.7	7.2	0.0	224.0	3	
9	14	1220	3	-11	0	-1	5	401.3	153.8	7.9	0.0	555.2	3	
2	27	-336	3	-7	0	0	-1	110.7	36.5	5.5	0.0	147.2	3	
7	27	-885	-2	7	0	-1	-4	291.1	118.7	5.5	0.0	409.8	3	
8	27	466	-5	10	0	-1	1	153.3	49.5	7.2	0.0	202.8	3	
9	27	1220	3	-11	0	1	5	401.3	163.7	7.9	0.0	565.0	3	

ASTA NUM. 188 NI 4612 NF 4841 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-135	2	2	0	0	-1	44.3	34.3	1.4	0.0	78.6	3	
7	0	-958	1	-2	0	-1	-4	315.2	123.0	1.6	0.0	438.1	3	
8	0	185	-3	-3	0	-1	1	61.0	46.6	1.9	0.0	107.6	3	
9	0	1318	-1	3	0	1	6	433.6	169.8	2.2	0.0	603.3	3	
2	14	-135	2	2	0	0	-1	44.3	20.2	1.4	0.0	64.4	3	
7	14	-958	1	-2	0	-0	-4	315.1	111.1	1.6	0.0	426.3	3	
8	14	186	-3	-3	0	-0	1	61.0	27.6	1.9	0.0	88.6	3	
9	14	1318	-1	3	0	0	5	433.6	153.0	2.2	0.0	586.6	3	
2	27	-134	2	2	0	-0	-0	44.2	9.4	1.4	0.0	53.6	3	
7	27	-958	1	-2	0	0	-4	315.1	103.1	1.6	0.0	418.2	3	
8	27	186	-3	-3	0	0	0	61.1	12.7	1.9	0.0	73.8	3	
9	27	1318	-1	3	0	-0	5	433.6	141.9	2.2	0.0	575.5	3	

ASTA NUM. 189 NI 4841 NF 4842 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-58	-0	-1	0	-0	-0	19.0	7.8	0.6	0.0	26.8	3	
7	0	-908	4	1	0	0	-4	298.8	106.5	2.7	0.0	405.3	3	
8	0	79	0	1	0	0	0	26.1	10.6	0.8	0.0	36.6	3	
9	0	1249	-5	-1	0	-0	5	410.9	146.6	3.7	0.0	557.5	3	
2	5	-58	-0	-1	0	-0	-0	19.0	6.9	0.6	0.0	25.8	3	
7	5	-908	4	1	0	0	-4	298.8	100.4	2.7	0.0	399.2	3	
8	5	79	0	1	0	0	0	26.1	9.3	0.8	0.0	35.4	3	
9	5	1249	-5	-1	0	-0	5	410.9	138.1	3.7	0.0	549.0	3	
2	10	-58	-0	-1	0	0	-0	18.9	6.9	0.6	0.0	25.9	3	
7	10	-908	4	1	0	-0	-3	298.7	95.0	2.7	0.0	393.8	3	
8	10	79	0	1	0	-0	0	26.1	9.5	0.8	0.0	35.6	3	
9	10	1249	-5	-1	0	0	5	410.9	130.7	3.7	0.0	541.5	3	

ASTA NUM. 186 NI 4842 NF 4843 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	0	-0	2.8	3.6	0.2	0.0	6.4	3	
7	0	-701	3	-0	0	-0	-4	230.7	100.1	2.3	0.0	330.8	3	
8	0	11	-0	-0	0	-0	0	3.6	5.0	0.3	0.0	8.5	3	
9	0	963	-4	0	0	0	5	316.9	137.6	3.1	0.0	454.5	3	
2	27	-8	0	0	0	0	-0	2.7	1.1	0.2	0.0	3.8	3	
7	27	-701	3	-0	0	-0	-3	230.6	76.9	2.3	0.0	307.5	3	
8	27	11	-0	-0	0	-0	0	3.7	1.5	0.3	0.0	5.2	3	
9	27	964	-4	0	0	0	4	317.0	105.7	3.1	0.0	422.7	3	
2	55	-8	0	0	0	-0	0	2.6	1.4	0.2	0.0	4.1	3	
7	55	-701	3	-0	0	-2	-2	230.5	54.5	2.3	0.0	285.0	3	
8	55	11	-0	-0	0	0	-0	3.8	2.0	0.3	0.0	5.8	3	
9	55	964	-4	0	0	-0	3	317.0	74.9	3.1	0.0	391.9	3	

ASTA NUM. 187 NI 4843 NF 4840 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	6	-0	0	0	-0	0	1.9	1.0	0.0	0.0	2.9	3	
7	0	-277	3	0	0	0	-2	91.0	56.1	2.5	0.0	147.1	3	
8	0	-9	0	-0	0	0	-0	2.9	1.4	0.0	0.0	4.3	3	
9	0	379	-5	-0	0	-0	3	124.8	77.1	3.5	0.0	201.9	3	
2	27	6	-0	0	0	-0	0	2.0	0.8	0.0	0.0	2.8	3	
7	27	-276	3	0	0	0	-1	90.9	30.6	2.5	0.0	121.5	3	
8	27	-8	0	-0	0	0	-0	2.8	1.1	0.0	0.0	3.9	3	
9	27	380	-5	-0	0	-0	2	124.9	42.1	3.5	0.0	166.9	3	
2	55	6	-0	0	0	-0	0	2.1	0.6	0.0	0.0	2.6	3	
7	55	-276	3	0	0	0	-0	90.8	5.1	2.5	0.0	95.9	3	
8	55	-8	0	-0	0	0	-0	2.7	0.8	0.0	0.0	3.5	3	
9	55	380	-5	-0	0	-0	0	125.0	7.0	3.5	0.0	132.0	3	

ASTA NUM. 190 NI 4840 NF 4838 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	8	-0	-0	0	-0	0	2.6	1.5	0.2	0.0	4.1	3
7	0	-37	2	0	0	0	-0	12.0	6.4	1.1	0.0	18.4	3
8	0	-11	0	0	0	0	-0	3.7	2.1	0.3	0.0	5.8	3
9	0	50	-2	-0	0	-0	0	16.5	8.7	1.6	0.0	25.2	3
2	5	8	-0	-0	0	-0	0	2.7	1.0	0.2	0.0	3.6	3
7	5	-37	2	0	0	0	-0	12.0	4.1	1.1	0.0	16.1	3
8	5	-11	0	0	0	0	-0	3.7	1.4	0.3	0.0	5.1	3
9	5	50	-2	-0	0	-0	0	16.5	5.7	1.6	0.0	22.1	3
2	10	8	-0	-0	0	0	0	2.7	0.4	0.2	0.0	3.1	1
7	10	-36	2	0	0	0	-0	12.0	1.9	1.1	0.0	13.9	3
8	10	-11	0	0	0	-0	-0	3.7	0.6	0.3	0.0	4.3	1
9	10	50	-2	-0	0	-0	0	16.5	2.6	1.6	0.0	19.0	3

ASTA NUM. 191 NI 4838 NF 4839 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg	kg*m	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq
2	0	6	-0	0	0	0	0	1.9	1.0	0.1	0.0	3.0	3	
7	0	-13	0	-0	0	0	-0	4.4	2.4	0.2	0.0	6.8	3	
8	0	-9	0	-0	0	-0	-0	2.8	1.4	0.1	0.0	4.3	3	
9	0	18	-0	0	0	-0	0	5.8	3.3	0.3	0.0	9.1	3	
2	14	6	-0	0	0	-0	0	2.0	0.7	0.1	0.0	2.7	3	
7	14	-13	0	-0	0	0	-0	4.3	1.6	0.2	0.0	5.9	3	
8	14	-8	0	-0	0	0	-0	2.8	1.0	0.1	0.0	3.8	3	
9	14	18	-0	0	0	-0	0	5.9	2.1	0.3	0.0	8.0	3	
2	27	6	-0	0	0	-0	0	2.0	0.4	0.1	0.0	2.5	3	
7	27	-13	0	-0	0	0	-0	4.3	0.7	0.2	0.0	5.0	3	
8	27	-8	0	-0	0	0	-0	2.7	0.6	0.1	0.0	3.4	3	
9	27	18	-0	0	0	-0	0	5.9	0.9	0.3	0.0	6.9	3	

ASTA NUM. 424 NI 4839 NF 4992 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg	kg*m	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq
2	0	9	-0	-0	0	-0	0	3.1	2.1	0.2	0.0	5.2	3	
7	0	-17	1	0	0	0	-0	5.5	4.1	0.4	0.0	9.6	3	
8	0	-14	0	0	0	0	-0	4.7	2.9	0.2	0.0	7.6	3	
9	0	22	-1	-0	0	-0	0	7.2	5.6	0.5	0.0	12.8	3	
2	14	10	-0	-0	0	-0	0	3.2	1.2	0.2	0.0	4.4	3	
7	14	-16	1	0	0	0	-0	5.4	1.9	0.4	0.0	7.3	3	
8	14	-14	0	0	0	0	-0	4.5	1.6	0.2	0.0	6.2	3	
9	14	22	-1	-0	0	-0	0	7.4	2.6	0.5	0.0	10.0	3	
2	27	10	-0	-0	0	0	0	3.4	0.0	0.2	0.0	3.4	2	
7	27	-16	1	0	0	-0	0	5.3	0.0	0.4	0.0	5.3	2	
8	27	-13	0	0	0	0	-0	4.4	0.3	0.2	0.0	4.7	1	
9	27	23	-1	-0	0	-0	-0	7.5	0.3	0.5	0.0	7.8	1	

ASTA NUM. 401 NI 4961 NF 4689 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg	kg*m	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq
2	0	-20	-1	-0	0	0	0	6.5	0.0	0.4	0.0	6.5	2	
7	0	7	0	0	0	0	0	2.2	0.0	0.2	0.0	2.2	2	
8	0	26	1	0	0	0	0	8.6	0.0	0.6	0.0	8.7	2	
9	0	-10	-0	-0	0	0	0	3.2	0.0	0.2	0.0	3.3	2	
2	14	-19	-1	-0	0	0	-0	6.3	2.3	0.4	0.0	8.6	3	
7	14	7	0	0	0	-0	0	2.3	0.8	0.2	0.0	3.2	3	
8	14	27	1	0	0	-0	0	8.8	3.1	0.6	0.0	11.9	3	
9	14	-9	-0	-0	0	0	-0	3.1	1.1	0.2	0.0	4.2	3	
2	27	-19	-1	-0	0	0	-0	6.2	4.5	0.4	0.0	10.7	3	
7	27	7	0	0	0	-0	0	2.4	1.7	0.2	0.0	4.2	3	
8	27	27	1	0	0	-0	0	8.9	6.2	0.6	0.0	15.1	3	
9	27	-9	-0	-0	0	0	-0	3.0	2.4	0.2	0.0	5.3	3	

ASTA NUM. 202 NI 4689 NF 4687 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm	kg	kg*m	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq	kg/cmq

2	0	-14	-0	0	0	0	-0	4.8	0.8	0.2	0.0	5.6	3
7	0	5	0	-0	0	-0	0	1.6	0.1	0.1	0.0	1.7	2
8	0	20	0	-0	0	-0	0	6.5	1.2	0.3	0.0	7.6	3
9	0	-7	-0	0	0	0	0	2.2	0.2	0.1	0.0	2.4	2
2	14	-14	-0	0	0	0	-0	4.7	1.7	0.2	0.0	6.4	3
7	14	5	0	-0	0	-0	0	1.6	0.6	0.1	0.0	2.2	3
8	14	20	0	-0	0	-0	0	6.5	2.3	0.3	0.0	8.9	3
9	14	-7	-0	0	0	0	-0	2.1	0.8	0.1	0.0	3.0	3
2	27	-14	-0	0	0	0	-0	4.7	2.6	0.2	0.0	7.2	3
7	27	5	0	-0	0	0	0	1.6	0.9	0.1	0.0	2.5	3
8	27	20	0	-0	0	-0	0	6.6	3.5	0.3	0.0	10.1	3
9	27	-6	-0	0	0	-0	-0	2.1	1.2	0.1	0.0	3.3	3

ASTA NUM. 203 NI 4687 NF 4688 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-38	-2	-0	0	0	-0	12.5	2.0	1.1	0.0	14.5	3	
7	0	7	0	0	0	0	0	2.2	0.3	0.2	0.0	2.5	3	
8	0	52	2	0	0	-0	0	17.1	2.8	1.6	0.0	19.9	3	
9	0	-9	-0	-0	0	-0	-0	3.0	0.4	0.3	0.0	3.5	3	
2	5	-38	-2	-0	0	0	-0	12.4	4.3	1.1	0.0	16.7	3	
7	5	7	0	0	0	-0	0	2.2	0.8	0.2	0.0	3.1	3	
8	5	52	2	0	0	-0	0	17.2	5.9	1.6	0.0	23.1	3	
9	5	-9	-0	-0	0	0	-0	3.0	1.1	0.3	0.0	4.1	3	
2	10	-38	-2	-0	0	0	-0	12.4	6.5	1.1	0.0	19.0	3	
7	10	7	0	0	0	-0	0	2.3	1.4	0.2	0.0	3.6	3	
8	10	52	2	0	0	-0	0	17.2	9.0	1.6	0.0	26.2	3	
9	10	-9	-0	-0	0	0	-0	3.0	1.8	0.3	0.0	4.8	3	

ASTA NUM. 200 NI 4688 NF 4690 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-278	-3	-0	0	0	-0	91.4	5.3	2.5	0.0	96.7	3	
7	0	4	0	-0	0	-0	0	1.4	0.2	0.0	0.0	1.6	2	
8	0	382	5	0	0	-0	0	125.6	7.3	3.5	0.0	132.8	3	
9	0	-6	-0	0	0	0	-0	2.1	0.6	0.0	0.0	2.7	3	
2	27	-278	-3	-0	0	0	-1	91.3	30.8	2.5	0.0	122.1	3	
7	27	5	0	-0	0	-0	0	1.5	0.6	0.0	0.0	2.1	3	
8	27	382	5	0	0	-0	2	125.7	42.4	3.5	0.0	168.0	3	
9	27	-6	-0	0	0	0	-0	2.0	0.9	0.0	0.0	2.9	3	
2	55	-277	-3	-0	0	0	-2	91.2	56.3	2.5	0.0	147.5	3	
7	55	5	0	-0	0	-0	0	1.6	0.8	0.0	0.0	2.4	3	
8	55	382	5	0	0	-0	3	125.8	77.4	3.5	0.0	203.2	3	
9	55	-6	-0	0	0	0	-0	1.9	1.1	0.0	0.0	3.0	3	

ASTA NUM. 201 NI 4690 NF 4685 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-703	-3	0	0	0	-2	231.3	54.6	2.3	0.0	285.9	3	
7	0	-10	-0	-0	0	-0	0	3.4	1.3	0.2	0.0	4.7	3	
8	0	966	4	-0	0	-0	3	317.8	75.1	3.1	0.0	393.0	3	
9	0	14	0	0	0	0	-0	4.5	1.7	0.3	0.0	6.2	3	
2	27	-703	-3	0	0	-0	-3	231.2	77.1	2.3	0.0	308.3	3	
7	27	-10	-0	-0	0	0	-0	3.3	1.3	0.2	0.0	4.6	3	
8	27	966	4	-0	0	0	4	317.9	106.0	3.1	0.0	423.9	3	
9	27	14	0	0	0	-0	0	4.6	1.8	0.3	0.0	6.4	3	
2	55	-703	-3	0	0	-0	-4	231.1	100.3	2.3	0.0	331.4	3	
7	55	-10	-0	-0	0	0	-0	3.2	3.9	0.2	0.0	7.1	3	
8	55	967	4	-0	0	0	5	318.0	138.0	3.1	0.0	456.0	3	
9	55	14	0	0	0	-0	0	4.7	5.3	0.3	0.0	10.0	3	

ASTA NUM. 204 NI 4685 NF 4686 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-910	-4	-1	0	-0	-3	299.5	95.3	2.7	0.0	394.7	3	
7	0	-60	0	1	0	0	-0	19.7	7.1	0.5	0.0	26.8	3	

8	0	1251	5	1	0	0	5	411.5	130.9	3.7	0.0	542.5	3
9	0	82	-0	-1	0	-0	0	27.0	9.8	0.8	0.0	36.9	3
2	5	-910	-4	-1	0	0	-4	299.5	100.7	2.7	0.0	400.2	3
7	5	-60	0	1	0	-0	-0	19.7	7.0	0.5	0.0	26.7	3
8	5	1252	5	1	0	-0	5	411.7	138.4	3.7	0.0	550.1	3
9	5	82	-0	-1	0	0	0	27.0	9.7	0.8	0.0	36.8	3
2	10	-910	-4	-1	0	0	-4	299.4	107.0	2.7	0.0	406.4	3
7	10	-60	0	1	0	-0	-0	19.7	7.9	0.5	0.0	27.5	3
8	10	1252	5	1	0	-0	5	411.8	146.9	3.7	0.0	558.7	3
9	10	82	-0	-1	0	0	0	27.1	11.0	0.8	0.0	38.1	3

ASTA NUM. 193 NI 4686 NF 4601 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-961	-1	2	0	0	-4	316.1	103.5	1.6	0.0	419.6	3	
7	0	-137	-2	-2	0	-0	-0	45.2	9.4	1.4	0.0	54.6	3	
8	0	1320	1	-3	0	-0	5	434.2	142.1	2.2	0.0	576.3	3	
9	0	188	3	3	0	0	0	61.8	13.1	1.9	0.0	74.9	3	
2	14	-961	-1	2	0	-0	-4	316.0	111.6	1.6	0.0	427.7	3	
7	14	-137	-2	-2	0	0	-1	45.1	20.2	1.4	0.0	65.4	3	
8	14	1320	1	-3	0	0	5	434.2	153.2	2.2	0.0	587.4	3	
9	14	188	3	3	0	-0	1	61.9	28.0	1.9	0.0	89.9	3	
2	27	-961	-1	2	0	-1	-4	316.0	123.9	1.6	0.0	439.9	3	
7	27	-137	-2	-2	0	0	-1	45.1	34.0	1.4	0.0	79.1	3	
8	27	1320	1	-3	0	1	6	434.2	169.6	2.2	0.0	603.8	3	
9	27	188	3	3	0	-1	1	61.9	47.3	1.9	0.0	109.2	3	

ASTA NUM. 330 NI 4601 NF 4599 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-890	2	-8	0	-1	-4	292.7	119.5	5.8	0.0	412.2	3	
7	0	-341	-4	7	0	0	-1	112.2	36.0	5.1	0.0	148.2	3	
8	0	1220	-3	10	0	1	5	401.3	163.7	7.6	0.0	565.0	3	
9	0	466	5	-10	0	-1	1	153.2	50.3	7.4	0.0	203.4	3	
2	14	-890	2	-8	0	1	-4	292.7	112.4	5.8	0.0	405.1	3	
7	14	-341	-4	7	0	-1	-1	112.2	51.4	5.1	0.0	163.6	3	
8	14	1220	-3	10	0	-1	5	401.3	153.0	7.6	0.0	554.3	3	
9	14	466	5	-10	0	1	2	153.2	71.6	7.4	0.0	224.8	3	
2	27	-890	2	-8	0	2	-3	292.6	134.3	5.8	0.0	427.0	3	
7	27	-341	-4	7	0	-1	-2	112.1	90.6	5.1	0.0	202.7	3	
8	27	1220	-3	10	0	-2	5	401.3	181.0	7.6	0.0	582.3	3	
9	27	466	5	-10	0	2	3	153.3	127.0	7.4	0.0	280.2	3	

ASTA NUM. 331 NI 4599 NF 4600 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-338	3	-7	0	-2	-2	111.1	92.9	5.5	0.0	204.1	3	
7	0	-887	-2	7	0	2	-3	291.6	130.8	5.5	0.0	422.4	3	
8	0	467	-5	10	0	2	3	153.7	125.4	7.2	0.0	279.1	3	
9	0	1222	3	-11	0	-2	5	402.0	183.5	7.9	0.0	585.5	3	
2	14	-338	3	-7	0	-1	-1	111.1	52.2	5.5	0.0	163.3	3	
7	14	-886	-2	7	0	1	-4	291.6	110.9	5.5	0.0	402.5	3	
8	14	467	-5	10	0	1	2	153.7	70.9	7.2	0.0	224.7	3	
9	14	1222	3	-11	0	-1	5	402.0	154.0	7.9	0.0	555.9	3	
2	27	-338	3	-7	0	0	-1	111.0	36.6	5.5	0.0	147.6	3	
7	27	-886	-2	7	0	-1	-4	291.5	118.8	5.5	0.0	410.4	3	
8	27	468	-5	10	0	-1	1	153.8	49.6	7.2	0.0	203.4	3	
9	27	1222	3	-11	0	1	5	402.0	163.9	7.9	0.0	565.9	3	

ASTA NUM. 197 NI 4600 NF 4835 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-136	2	2	0	0	-1	44.6	34.4	1.4	0.0	79.0	3	
7	0	-959	1	-2	0	-1	-4	315.6	123.1	1.6	0.0	438.6	3	
8	0	187	-3	-2	0	-1	1	61.5	46.7	1.9	0.0	108.2	3	
9	0	1319	-1	3	0	1	6	433.9	170.0	2.2	0.0	603.9	3	

2	14	-136	2	2	0	0	-1	44.6	20.3	1.4	0.0	64.9	3
7	14	-959	1	-2	0	-0	-4	315.5	111.2	1.6	0.0	426.7	3
8	14	187	-3	-2	0	-0	1	61.5	27.7	1.9	0.0	89.3	3
9	14	1319	-1	3	0	0	5	433.9	153.2	2.2	0.0	587.1	3
2	27	-136	2	2	0	-0	-0	44.6	9.5	1.4	0.0	54.0	3
7	27	-959	1	-2	0	0	-4	315.5	103.2	1.6	0.0	418.7	3
8	27	187	-3	-2	0	0	0	61.6	12.8	1.9	0.0	74.4	3
9	27	1319	-1	3	0	-0	5	433.9	142.1	2.2	0.0	576.0	3

ASTA NUM. 196 NI 4835 NF 4832 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-59	-0	-1	0	-0	-0	19.3	7.9	0.6	0.0	27.2	3			
7	0	-909	4	1	0	0	-4	299.1	106.6	2.7	0.0	405.8	3			
8	0	81	0	1	0	0	0	26.5	10.7	0.8	0.0	37.2	3			
9	0	1250	-5	-1	0	-0	5	411.2	146.8	3.7	0.0	558.0	3			
2	5	-59	-0	-1	0	-0	-0	19.3	7.0	0.6	0.0	26.3	3			
7	5	-909	4	1	0	0	-4	299.1	100.5	2.7	0.0	399.6	3			
8	5	81	0	1	0	0	0	26.5	9.5	0.8	0.0	36.0	3			
9	5	1250	-5	-1	0	-0	5	411.2	138.3	3.7	0.0	549.5	3			
2	10	-59	-0	-1	0	0	-0	19.3	7.0	0.6	0.0	26.3	3			
7	10	-909	4	1	0	-0	-3	299.1	95.1	2.7	0.0	394.2	3			
8	10	81	0	1	0	-0	0	26.5	9.7	0.8	0.0	36.2	3			
9	10	1250	-5	-1	0	0	5	411.2	130.8	3.7	0.0	542.0	3			

ASTA NUM. 199 NI 4832 NF 4833 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-10	0	0	0	0	-0	3.1	3.7	0.2	0.0	6.9	3			
7	0	-702	3	-0	0	-0	-4	231.0	100.2	2.3	0.0	331.2	3			
8	0	12	-0	-0	0	-0	0	4.0	5.1	0.3	0.0	9.1	3			
9	0	965	-4	0	0	0	5	317.3	137.7	3.1	0.0	455.1	3			
2	27	-9	0	0	0	0	-0	3.0	1.2	0.2	0.0	4.3	3			
7	27	-702	3	-0	0	-0	-3	230.9	77.0	2.3	0.0	308.0	3			
8	27	13	-0	-0	0	-0	0	4.1	1.6	0.3	0.0	5.8	3			
9	27	965	-4	0	0	0	4	317.4	105.9	3.1	0.0	423.3	3			
2	55	-9	0	0	0	-0	0	3.0	1.3	0.2	0.0	4.3	3			
7	55	-702	3	-0	0	0	-2	230.9	54.6	2.3	0.0	285.5	3			
8	55	13	-0	-0	0	0	-0	4.2	1.8	0.3	0.0	6.1	3			
9	55	965	-4	0	0	-0	3	317.5	75.0	3.1	0.0	392.6	3			

ASTA NUM. 198 NI 4833 NF 4834 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	5	-0	0	0	-0	0	1.5	0.9	0.0	0.0	2.4	3			
7	0	-278	3	0	0	0	-2	91.3	56.2	2.5	0.0	147.6	3			
8	0	-7	0	-0	0	0	-0	2.4	1.3	0.0	0.0	3.6	3			
9	0	381	-5	-0	0	-0	3	125.3	77.3	3.5	0.0	202.6	3			
2	27	5	-0	0	0	-0	0	1.6	0.7	0.0	0.0	2.3	3			
7	27	-277	3	0	0	0	-1	91.2	30.8	2.5	0.0	122.0	3			
8	27	-7	0	-0	0	0	-0	2.3	0.9	0.0	0.0	3.2	3			
9	27	381	-5	-0	0	-0	2	125.4	42.3	3.5	0.0	167.7	3			
2	55	5	-0	0	0	-0	0	1.7	0.2	0.0	0.0	1.9	2			
7	55	-277	3	0	0	0	-0	91.2	5.3	2.5	0.0	96.4	3			
8	55	-7	0	-0	0	0	-0	2.2	0.6	0.0	0.0	2.8	3			
9	55	382	-5	-0	0	-0	0	125.5	7.2	3.5	0.0	132.7	3			

ASTA NUM. 195 NI 4834 NF 4836 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	7	-0	-0	0	-0	0	2.2	1.4	0.2	0.0	3.6	3			
7	0	-38	2	0	0	0	-0	12.4	6.5	1.1	0.0	19.0	3			
8	0	-10	0	0	0	0	-0	3.2	1.9	0.3	0.0	5.1	3			
9	0	52	-2	-0	0	-0	0	17.0	8.9	1.6	0.0	26.0	3			
2	5	7	-0	-0	0	-0	0	2.2	0.8	0.2	0.0	3.1	3			
7	5	-38	2	0	0	0	-0	12.4	4.3	1.1	0.0	16.7	3			
8	5	-10	0	0	0	0	-0	3.1	1.2	0.3	0.0	4.3	3			

9	5	52	-2	-0	0	-0	0	17.0	5.8	1.6	0.0	22.9	3
2	10	7	-0	-0	0	0	0	2.3	0.3	0.2	0.0	2.6	3
7	10	-38	2	0	0	0	-0	12.4	2.0	1.1	0.0	14.4	3
8	10	-9	0	0	0	-0	-0	3.1	0.4	0.3	0.0	3.6	3
9	10	52	-2	-0	0	-0	0	17.0	2.8	1.6	0.0	19.8	3

ASTA NUM. 194 NI 4836 NF 4837 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	5	-0	0	0	0	0	1.5	0.9	0.1	0.0	2.4	3		
7	0	-15	0	-0	0	0	-0	4.8	2.6	0.2	0.0	7.3	3		
8	0	-7	0	-0	0	-0	-0	2.2	1.3	0.1	0.0	3.5	3		
9	0	20	-0	0	0	-0	0	6.4	3.5	0.3	0.0	9.9	3		
2	14	5	-0	0	0	-0	0	1.5	0.6	0.1	0.0	2.1	3		
7	14	-14	0	-0	0	0	-0	4.7	1.7	0.2	0.0	6.4	3		
8	14	-7	0	-0	0	0	-0	2.2	0.8	0.1	0.0	3.0	3		
9	14	20	-0	0	0	-0	0	6.5	2.3	0.3	0.0	8.8	3		
2	27	5	-0	0	0	-0	0	1.6	0.1	0.1	0.0	1.7	2		
7	27	-14	0	-0	0	0	-0	4.7	0.9	0.2	0.0	5.6	3		
8	27	-6	0	-0	0	0	0	2.1	0.2	0.1	0.0	2.3	2		
9	27	20	-0	0	0	-0	0	6.5	1.2	0.3	0.0	7.7	3		

ASTA NUM. 430 NI 4837 NF 5000 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	6	-0	-0	0	-0	0	1.9	1.7	0.2	0.0	3.6	3		
7	0	-20	1	0	0	0	-0	6.7	4.5	0.4	0.0	11.2	3		
8	0	-9	0	0	0	0	-0	3.0	2.3	0.2	0.0	5.3	3		
9	0	27	-1	-0	0	-0	0	8.8	6.2	0.5	0.0	15.0	3		
2	14	6	-0	-0	0	-0	0	2.0	0.7	0.2	0.0	2.7	3		
7	14	-20	1	0	0	0	-0	6.6	2.3	0.4	0.0	8.9	3		
8	14	-9	0	0	0	0	-0	2.8	1.0	0.2	0.0	3.9	3		
9	14	27	-1	-0	0	-0	0	8.9	3.2	0.5	0.0	12.1	3		
2	27	7	-0	-0	0	0	0	2.1	0.0	0.2	0.0	2.2	2		
7	27	-20	1	0	0	-0	0	6.4	0.0	0.4	0.0	6.5	2		
8	27	-8	0	0	0	0	0	2.7	0.0	0.2	0.0	2.7	2		
9	27	28	-1	-0	0	0	0	9.1	0.0	0.5	0.0	9.1	2		

ASTA NUM. 402 NI 4962 NF 4683 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	17	1	-0	0	0	0	5.4	0.0	0.4	0.0	5.5	2		
7	0	-10	-0	0	0	0	0	3.2	0.0	0.2	0.0	3.2	2		
8	0	-24	-1	0	0	0	0	7.8	0.0	0.5	0.0	7.8	2		
9	0	12	0	-0	0	0	0	4.0	0.0	0.3	0.0	4.1	2		
2	14	17	1	-0	0	0	0	5.6	2.1	0.4	0.0	7.6	3		
7	14	-9	-0	0	0	-0	-0	3.0	1.1	0.2	0.0	4.1	3		
8	14	-23	-1	0	0	-0	-0	7.6	2.8	0.5	0.0	10.5	3		
9	14	13	0	-0	0	0	0	4.2	1.5	0.3	0.0	5.7	3		
2	27	17	1	-0	0	0	0	5.7	4.1	0.4	0.0	9.8	3		
7	27	-9	-0	0	0	-0	-0	2.9	2.2	0.2	0.0	5.0	3		
8	27	-23	-1	0	0	-0	-0	7.5	5.7	0.5	0.0	13.2	3		
9	27	13	0	-0	0	0	0	4.3	2.9	0.3	0.0	7.3	3		

ASTA NUM. 207 NI 4683 NF 4684 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	12	0	0	0	0	0	3.8	0.9	0.1	0.0	4.7	3		
7	0	-7	-0	-0	0	-0	-0	2.1	0.4	0.1	0.0	2.6	3		
8	0	-16	-0	-0	0	-0	-0	5.3	1.2	0.2	0.0	6.6	3		
9	0	9	0	0	0	0	0	2.8	0.6	0.1	0.0	3.4	3		
2	14	12	0	0	0	0	0	3.9	1.5	0.1	0.0	5.3	3		
7	14	-6	-0	-0	0	-0	-0	2.1	0.8	0.1	0.0	2.9	3		
8	14	-16	-0	-0	0	-0	-0	5.3	2.0	0.2	0.0	7.3	3		
9	14	9	0	0	0	0	0	2.9	1.1	0.1	0.0	3.9	3		
2	27	12	0	0	0	0	0	3.9	2.1	0.1	0.0	6.0	3		

7	27	-6	-0	-0	0	0	-0	2.0	1.1	0.1	0.0	3.2	3
8	27	-16	-0	-0	0	-0	-0	5.2	2.8	0.2	0.0	8.1	3
9	27	9	0	0	0	-0	0	2.9	1.5	0.1	0.0	4.5	3

ASTA NUM. 206 NI 4684 NF 4680 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	0	-0	-0	0	0	0	0.0	0.0	0.1	0.0	0.2	2			
7	0	-9	-0	0	0	0	-0	3.0	0.5	0.3	0.0	3.5	3			
8	0	-0	0	0	0	-0	-0	0.1	0.3	0.1	0.0	0.4	1			
9	0	13	0	-0	0	-0	0	4.1	0.7	0.4	0.0	4.9	3			
2	5	0	-0	-0	0	0	0	0.0	0.2	0.1	0.0	0.3	2			
7	5	-9	-0	0	0	-0	-0	3.0	1.1	0.3	0.0	4.1	3			
8	5	-0	0	0	0	-0	0	0.0	0.2	0.1	0.0	0.3	2			
9	5	13	0	-0	0	0	0	4.1	1.5	0.4	0.0	5.6	3			
2	10	0	-0	-0	0	0	0	0.1	0.3	0.1	0.0	0.4	2			
7	10	-9	-0	0	0	-0	-0	3.0	1.7	0.3	0.0	4.7	3			
8	10	-0	0	0	0	-0	0	0.0	0.4	0.1	0.0	0.5	2			
9	10	13	0	-0	0	0	0	4.2	2.3	0.4	0.0	6.5	3			

ASTA NUM. 209 NI 4680 NF 4681 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-238	-3	-0	0	0	-0	78.4	3.8	2.2	0.0	82.2	3			
7	0	-8	-0	-0	0	-0	-0	2.7	0.6	0.0	0.0	3.3	3			
8	0	327	4	0	0	-0	0	107.5	5.3	3.1	0.0	112.8	3			
9	0	11	0	0	0	0	0	3.5	0.8	0.1	0.0	4.3	3			
2	27	-238	-3	-0	0	0	-1	78.3	26.4	2.2	0.0	104.7	3			
7	27	-8	-0	-0	0	-0	-0	2.6	1.0	0.0	0.0	3.6	3			
8	27	327	4	0	0	-0	1	107.6	36.4	3.1	0.0	144.0	3			
9	27	11	0	0	0	0	0	3.6	1.3	0.1	0.0	4.9	3			
2	55	-238	-3	-0	0	0	-2	78.2	49.1	2.2	0.0	127.2	3			
7	55	-8	-0	-0	0	-0	-0	2.5	1.4	0.0	0.0	3.9	3			
8	55	327	4	0	0	-0	2	107.7	67.5	3.1	0.0	175.1	3			
9	55	11	0	0	0	0	0	3.7	1.9	0.1	0.0	5.6	3			

ASTA NUM. 208 NI 4681 NF 4682 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-676	-3	0	0	0	-2	222.4	49.7	2.5	0.0	272.1	3			
7	0	2	0	-0	0	-0	-0	0.5	1.4	0.2	0.0	2.0	3			
8	0	929	5	-0	0	-0	2	305.6	68.4	3.4	0.0	374.0	3			
9	0	-3	-0	0	0	0	0	0.8	2.0	0.2	0.0	2.8	3			
2	27	-676	-3	0	0	0	-3	222.3	74.2	2.5	0.0	296.5	3			
7	27	2	0	-0	0	0	0	0.6	0.3	0.2	0.0	0.9	2			
8	27	929	5	-0	0	-0	4	305.7	102.0	3.4	0.0	407.7	3			
9	27	-2	-0	0	0	-0	0	0.7	0.4	0.2	0.0	1.2	2			
2	55	-676	-3	0	0	-0	-4	222.2	99.3	2.5	0.0	321.5	3			
7	55	2	0	-0	0	0	0	0.7	2.4	0.2	0.0	3.1	3			
8	55	930	5	-0	0	0	5	305.8	136.5	3.4	0.0	442.4	3			
9	55	-2	-0	0	0	-0	-0	0.7	3.2	0.2	0.0	3.9	3			

ASTA NUM. 205 NI 4682 NF 4679 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-969	1	-1	0	-0	-4	318.7	108.0	0.8	0.0	426.7	3			
7	0	44	-0	1	0	0	0	14.5	6.1	0.7	0.0	20.6	3			
8	0	1332	-1	1	0	0	5	438.2	148.6	1.1	0.0	586.7	3			
9	0	-60	1	-1	0	-0	-0	19.8	8.3	0.6	0.0	28.1	3			
2	5	-969	1	-1	0	0	-4	318.6	106.9	0.8	0.0	425.5	3			
7	5	44	-0	1	0	-0	0	14.5	5.5	0.7	0.0	20.1	3			
8	5	1332	-1	1	0	-0	5	438.2	147.5	1.1	0.0	585.7	3			
9	5	-60	1	-1	0	0	-0	19.7	7.1	0.6	0.0	26.8	3			
2	10	-969	1	-1	0	0	-4	318.6	106.4	0.8	0.0	425.0	3			
7	10	44	-0	1	0	-0	0	14.6	6.1	0.7	0.0	20.7	3			
8	10	1332	-1	1	0	-0	5	438.2	147.4	1.1	0.0	585.5	3			
9	10	-60	1	-1	0	0	-0	19.7	7.3	0.6	0.0	27.1	3			

ASTA NUM. 215 NI 4679 NF 4626 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1242	-7	2	0	0	-4	408.6	110.9	5.3	0.0	519.5	3	
7	0	146	4	-2	0	-0	-0	48.2	2.4	3.3	0.0	50.6	3	
8	0	1709	10	-3	0	-0	6	562.2	153.6	7.4	0.0	715.7	3	
9	0	-200	-6	3	0	0	0	65.8	2.4	4.5	0.0	68.2	5	
2	14	-1242	-7	2	0	-0	-5	408.6	141.0	5.3	0.0	549.6	3	
7	14	147	4	-2	0	0	1	48.2	22.9	3.3	0.0	71.1	3	
8	14	1709	10	-3	0	0	7	562.2	195.3	7.4	0.0	757.5	3	
9	14	-200	-6	3	0	-0	-1	65.8	30.0	4.5	0.0	95.8	3	
2	27	-1242	-7	2	0	-0	-6	408.6	174.4	5.3	0.0	582.9	3	
7	27	147	4	-2	0	1	1	48.3	48.2	3.3	0.0	96.4	3	
8	27	1709	10	-3	0	1	8	562.2	243.6	7.4	0.0	805.8	3	
9	27	-200	-6	3	0	-1	-2	65.7	62.3	4.5	0.0	128.1	3	

ASTA NUM. 216 NI 4626 NF 4627 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2209	-41	-6	0	-0	-3	726.6	101.8	30.1	0.0	828.4	3	
7	0	799	35	9	0	1	-2	262.9	57.2	25.7	0.0	320.1	3	
8	0	3042	56	11	0	1	5	1000.7	143.6	41.5	0.0	1144.2	3	
9	0	-1094	-48	-10	0	-1	2	359.9	75.0	35.3	0.0	434.8	3	
2	14	-2209	-41	-6	0	0	-9	726.6	253.5	30.1	0.0	980.2	3	
7	14	799	35	9	0	-1	3	262.9	106.5	25.7	0.0	369.4	3	
8	14	3042	56	11	0	-1	12	1000.7	355.3	41.5	0.0	1355.9	3	
9	14	-1094	-48	-10	0	1	-4	359.9	139.6	35.3	0.0	499.5	3	
2	27	-2209	-41	-6	0	1	-14	726.6	427.4	30.1	0.0	1154.0	3	
7	27	799	35	9	0	-2	8	263.0	270.2	25.7	0.0	533.1	3	
8	27	3042	56	11	0	-2	20	1000.7	604.8	41.5	0.0	1605.4	3	
9	27	-1094	-48	-10	0	2	-11	359.9	354.2	35.3	0.0	714.0	3	

ASTA NUM. 312 NI 4627 NF 4949 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	798	-35	-7	0	-1	8	262.7	256.4	25.7	0.0	519.0	3	
7	0	-2210	41	8	0	2	-14	727.0	441.2	30.1	0.0	1168.2	3	
8	0	-1103	48	12	0	3	-11	362.8	369.8	35.5	0.0	732.6	3	
9	0	3033	-56	-8	0	-2	20	997.7	589.1	41.4	0.0	1586.8	3	
2	14	799	-35	-7	0	-0	3	262.7	101.2	25.7	0.0	363.9	3	
7	14	-2210	41	8	0	1	-9	726.8	258.9	30.1	0.0	985.7	3	
8	14	-1103	48	12	0	1	-4	362.8	145.9	35.5	0.0	508.7	3	
9	14	3033	-56	-8	0	-1	12	997.7	349.0	41.4	0.0	1346.7	3	
2	27	799	-35	-7	0	0	-2	262.8	54.0	25.7	0.0	316.8	3	
7	27	-2209	41	8	0	-1	-3	726.6	104.8	30.1	0.0	831.4	3	
8	27	-1103	48	12	0	-1	2	362.8	78.1	35.5	0.0	440.9	3	
9	27	3033	-56	-8	0	1	5	997.7	140.4	41.4	0.0	1138.1	3	

ASTA NUM. 313 NI 4949 NF 4829 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	147	-4	2	0	0	1	48.3	45.2	3.3	0.0	93.4	3	
7	0	-1242	7	-2	0	-1	-6	408.6	177.4	5.3	0.0	585.9	3	
8	0	-204	6	-3	0	-1	-2	67.0	66.0	4.5	0.0	133.0	3	
9	0	1705	-10	2	0	1	8	560.9	240.0	7.3	0.0	800.8	3	
2	14	147	-4	2	0	0	1	48.3	21.8	3.3	0.0	70.2	3	
7	14	-1242	7	-2	0	-0	-5	408.4	142.1	5.3	0.0	550.4	3	
8	14	-204	6	-3	0	-0	-1	67.0	31.5	4.5	0.0	98.4	3	
9	14	1705	-10	2	0	0	7	560.9	193.9	7.3	0.0	754.7	3	
2	27	147	-4	2	0	-0	-0	48.4	1.5	3.3	0.0	49.9	5	
7	27	-1241	7	-2	0	0	-4	408.2	111.7	5.3	0.0	519.9	3	
8	27	-203	6	-3	0	0	0	66.9	3.0	4.5	0.0	69.9	3	
9	27	1705	-10	2	0	-0	6	560.9	152.5	7.3	0.0	713.3	3	

ASTA NUM. 212 NI 4829 NF 4830 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	45	0	-1	0	-0	0	14.7	5.4	0.4	0.0	20.1	3	
7	0	-968	-1	1	0	0	-4	318.5	107.2	0.8	0.0	425.6	3	
8	0	-62	-1	1	0	0	-0	20.5	8.4	0.9	0.0	29.0	3	
9	0	1330	1	-1	0	-0	5	437.5	146.3	1.1	0.0	583.8	3	
2	5	45	0	-1	0	-0	0	14.8	5.2	0.4	0.0	20.0	3	
7	5	-968	-1	1	0	0	-4	318.4	107.2	0.8	0.0	425.7	3	
8	5	-62	-1	1	0	0	-0	20.5	7.7	0.9	0.0	28.2	3	
9	5	1330	1	-1	0	-0	5	437.5	146.9	1.1	0.0	584.4	3	
2	10	45	0	-1	0	0	0	14.8	6.2	0.4	0.0	20.9	3	
7	10	-968	-1	1	0	-0	-4	318.4	108.0	0.8	0.0	426.4	3	
8	10	-62	-1	1	0	-0	-0	20.5	8.5	0.9	0.0	29.0	3	
9	10	1330	1	-1	0	0	5	437.5	148.4	1.1	0.0	585.9	3	

ASTA NUM. 210 NI 4830 NF 4831 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	-0	0	0	0	0	0.7	2.5	0.2	0.0	3.2	3	
7	0	-675	3	-0	0	-0	-4	222.2	99.2	2.5	0.0	321.3	3	
8	0	-4	0	-0	0	-0	-0	1.3	3.4	0.2	0.0	4.8	3	
9	0	928	-5	0	0	0	5	305.1	136.3	3.4	0.0	441.4	3	
2	27	2	-0	0	0	0	0	0.8	0.5	0.2	0.0	1.4	3	
7	27	-675	3	-0	0	0	-3	222.1	74.1	2.5	0.0	296.1	3	
8	27	-4	0	-0	0	-0	-0	1.2	0.8	0.2	0.0	2.0	3	
9	27	928	-5	0	0	-0	4	305.2	101.8	3.4	0.0	407.1	3	
2	55	3	-0	0	0	-0	-0	0.9	1.4	0.2	0.0	2.3	3	
7	55	-675	3	-0	0	0	-2	222.0	49.7	2.5	0.0	271.6	3	
8	55	-3	0	-0	0	0	0	1.1	1.9	0.2	0.0	3.0	3	
9	55	928	-5	0	0	-0	2	305.3	68.3	3.4	0.0	373.6	3	

ASTA NUM. 211 NI 4831 NF 4828 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-8	0	0	0	-0	-0	2.6	1.3	0.0	0.0	3.9	3	
7	0	-238	3	0	0	0	-2	78.2	49.0	2.2	0.0	127.2	3	
8	0	10	-0	-0	0	0	0	3.3	1.8	0.1	0.0	5.1	3	
9	0	326	-4	-0	0	-0	2	107.3	67.3	3.1	0.0	174.6	3	
2	27	-8	0	0	0	-0	-0	2.5	0.9	0.0	0.0	3.4	3	
7	27	-238	3	0	0	0	-1	78.1	26.4	2.2	0.0	104.5	3	
8	27	10	-0	-0	0	0	0	3.4	1.3	0.1	0.0	4.7	3	
9	27	326	-4	-0	0	-0	1	107.4	36.3	3.1	0.0	143.7	3	
2	55	-7	0	0	0	-0	-0	2.4	0.6	0.0	0.0	3.0	3	
7	55	-237	3	0	0	0	-0	78.1	3.8	2.2	0.0	81.9	3	
8	55	11	-0	-0	0	0	0	3.5	0.8	0.1	0.0	4.3	3	
9	55	327	-4	-0	0	-0	0	107.5	5.2	3.1	0.0	112.7	3	

ASTA NUM. 213 NI 4828 NF 4826 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	-0	0	-0	-0	3.0	1.6	0.3	0.0	4.7	3	
7	0	0	0	0	0	0	0	0.1	0.3	0.1	0.0	0.4	2	
8	0	12	-0	0	0	0	0	4.1	2.3	0.4	0.0	6.3	3	
9	0	-0	-0	-0	0	-0	0	0.1	0.4	0.1	0.0	0.6	2	
2	5	-9	0	-0	0	-0	-0	3.0	1.1	0.3	0.0	4.1	3	
7	5	0	0	0	0	0	0	0.1	0.2	0.1	0.0	0.3	2	
8	5	12	-0	0	0	0	0	4.1	1.5	0.4	0.0	5.6	3	
9	5	-0	-0	-0	0	-0	0	0.1	0.2	0.1	0.0	0.4	2	
2	10	-9	0	-0	0	0	-0	3.0	0.5	0.3	0.0	3.5	3	
7	10	0	0	0	0	0	0	0.1	0.0	0.1	0.0	0.2	5	
8	10	12	-0	0	0	-0	0	4.1	0.7	0.4	0.0	4.8	3	
9	10	-0	-0	-0	0	-0	-0	0.1	0.3	0.1	0.0	0.5	1	

ASTA NUM. 214 NI 4826 NF 4827 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg		kg*m				kg/cmq					
2	0	-7	0	0	0	0	-0	2.2	1.1	0.1	0.0	3.3	3
7	0	12	-0	-0	0	0	0	3.8	2.1	0.1	0.0	5.9	3
8	0	9	-0	-0	0	0	-0	2.9	1.5	0.1	0.0	4.4	3
9	0	-16	0	0	0	0	-0	5.3	2.8	0.2	0.0	8.2	3
2	14	-6	0	0	0	-0	-0	2.1	0.8	0.1	0.0	2.9	3
7	14	12	-0	-0	0	0	0	3.8	1.5	0.1	0.0	5.3	3
8	14	9	-0	-0	0	0	0	2.9	1.1	0.1	0.0	4.0	3
9	14	-16	0	0	0	-0	-0	5.3	2.0	0.2	0.0	7.3	3
2	27	-6	0	0	0	-0	-0	2.1	0.5	0.1	0.0	2.5	3
7	27	12	-0	-0	0	0	0	3.9	0.9	0.1	0.0	4.8	3
8	27	9	-0	-0	0	0	0	3.0	0.6	0.1	0.0	3.6	3
9	27	-16	0	0	0	-0	-0	5.2	1.2	0.2	0.0	6.4	3

ASTA NUM. 431 NI 4827 NF 4999 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	-0	0	-0	-0	3.4	2.2	0.2	0.0	5.6	3	
7	0	16	-1	0	0	0	0	5.2	4.1	0.4	0.0	9.3	3	
8	0	13	-0	0	0	0	0	4.4	3.0	0.3	0.0	7.4	3	
9	0	-23	1	-0	0	-0	-0	7.5	5.6	0.5	0.0	13.2	3	
2	14	-10	0	-0	0	-0	-0	3.3	1.2	0.2	0.0	4.5	3	
7	14	16	-1	0	0	0	0	5.4	2.0	0.4	0.0	7.4	3	
8	14	14	-0	0	0	0	0	4.5	1.6	0.3	0.0	6.1	3	
9	14	-23	1	-0	0	-0	-0	7.4	2.7	0.5	0.0	10.1	3	
2	27	-10	0	-0	0	0	0	3.1	0.0	0.2	0.0	3.2	2	
7	27	17	-1	0	0	0	0	5.5	0.0	0.4	0.0	5.5	2	
8	27	14	-0	0	0	0	0	4.6	0.0	0.3	0.0	4.6	2	
9	27	-22	1	-0	0	0	0	7.3	0.0	0.5	0.0	7.3	2	

ASTA NUM. 413 NI 4959 NF 4677 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	11	1	0	0	0	-0	3.6	0.6	0.4	0.0	4.2	1	
7	0	-16	-0	-0	0	0	-0	5.1	0.7	0.2	0.0	5.8	1	
8	0	-16	-1	-0	0	0	0	5.3	0.9	0.5	0.0	6.2	1	
9	0	21	0	0	0	0	0	6.7	1.0	0.3	0.0	7.8	1	
2	14	11	1	0	0	-0	0	3.8	1.4	0.4	0.0	5.2	3	
7	14	-15	-0	-0	0	0	-0	5.0	1.8	0.2	0.0	6.8	3	
8	14	-16	-1	-0	0	0	-0	5.2	2.0	0.5	0.0	7.1	3	
9	14	21	0	0	0	-0	0	6.9	2.4	0.3	0.0	9.3	3	
2	27	12	1	0	0	-0	0	3.9	3.5	0.4	0.0	7.4	3	
7	27	-15	-0	-0	0	0	-0	4.9	2.8	0.2	0.0	7.7	3	
8	27	-15	-1	-0	0	0	-0	5.0	4.8	0.5	0.0	9.8	3	
9	27	21	0	0	0	-0	0	7.0	3.9	0.3	0.0	10.9	3	

ASTA NUM. 226 NI 4677 NF 4675 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	10	0	-0	0	-0	0	3.2	0.6	0.1	0.0	3.8	3	
7	0	-9	-0	0	0	0	-0	2.8	0.7	0.1	0.0	3.5	3	
8	0	-14	-0	0	0	0	-0	4.4	0.9	0.2	0.0	5.3	3	
9	0	11	0	-0	0	-0	0	3.8	1.0	0.1	0.0	4.7	3	
2	14	10	0	-0	0	-0	0	3.2	1.2	0.1	0.0	4.5	3	
7	14	-8	-0	0	0	0	-0	2.8	1.0	0.1	0.0	3.8	3	
8	14	-13	-0	0	0	0	-0	4.4	1.7	0.2	0.0	6.1	3	
9	14	12	0	-0	0	-0	0	3.8	1.4	0.1	0.0	5.2	3	
2	27	10	0	-0	0	-0	0	3.3	1.9	0.1	0.0	5.1	3	
7	27	-8	-0	0	0	-0	-0	2.7	1.3	0.1	0.0	4.0	3	
8	27	-13	-0	0	0	0	-0	4.3	2.6	0.2	0.0	6.9	3	
9	27	12	0	-0	0	0	0	3.9	1.8	0.1	0.0	5.7	3	

ASTA NUM. 227 NI 4675 NF 4676 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-2	-0	0	0	-0	0	0.6	0.0	0.1	0.0	0.6	2
7	0	-11	-0	-0	0	-0	-0	3.6	0.7	0.3	0.0	4.4	3
8	0	2	0	-0	0	0	0	0.8	0.0	0.1	0.0	0.8	2
9	0	15	0	0	0	0	0	5.0	1.0	0.3	0.0	6.0	3
2	5	-2	-0	0	0	-0	0	0.6	0.2	0.1	0.0	0.7	2
7	5	-11	-0	-0	0	0	-0	3.6	1.3	0.3	0.0	4.9	3
8	5	2	0	-0	0	0	0	0.8	0.2	0.1	0.0	1.0	2
9	5	15	0	0	0	-0	0	5.0	1.8	0.3	0.0	6.8	3
2	10	-2	-0	0	0	-0	-0	0.5	0.6	0.1	0.0	1.1	3
7	10	-11	-0	-0	0	0	-0	3.6	1.9	0.3	0.0	5.5	3
8	10	2	0	-0	0	0	0	0.8	0.8	0.1	0.0	1.6	3
9	10	15	0	0	0	-0	0	5.0	2.6	0.3	0.0	7.6	3

ASTA NUM. 224 NI 4676 NF 4678 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-240	-3	0	0	-0	-0	78.9	4.0	2.2	0.0	82.9	3	
7	0	-10	-0	0	0	0	-0	3.2	0.8	0.0	0.0	4.0	3	
8	0	329	4	-0	0	0	0	108.2	5.5	3.1	0.0	113.7	3	
9	0	13	0	-0	0	-0	0	4.2	1.1	0.1	0.0	5.3	3	
2	27	-240	-3	0	0	-0	-1	78.8	26.6	2.2	0.0	105.4	3	
7	27	-9	-0	0	0	0	-0	3.1	1.2	0.0	0.0	4.3	3	
8	27	329	4	-0	0	0	1	108.3	36.6	3.1	0.0	144.9	3	
9	27	13	0	-0	0	-0	0	4.3	1.6	0.1	0.0	5.9	3	
2	55	-239	-3	0	0	-0	-2	78.7	49.2	2.2	0.0	127.9	3	
7	55	-9	-0	0	0	0	-0	3.0	1.5	0.0	0.0	4.5	3	
8	55	330	4	-0	0	0	2	108.4	67.7	3.1	0.0	176.1	3	
9	55	13	0	-0	0	-0	0	4.4	2.1	0.1	0.0	6.5	3	

ASTA NUM. 225 NI 4678 NF 4673 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-678	-3	-0	0	-0	-2	222.9	49.9	2.5	0.0	272.7	3	
7	0	0	0	0	0	0	-0	0.1	1.6	0.2	0.0	1.7	3	
8	0	931	5	0	0	0	2	306.2	68.6	3.4	0.0	374.8	3	
9	0	-1	-0	-0	0	-0	0	0.2	2.2	0.2	0.0	2.5	3	
2	27	-677	-3	-0	0	-0	-3	222.8	74.3	2.5	0.0	297.1	3	
7	27	1	0	0	0	-0	0	0.2	0.3	0.2	0.0	0.5	2	
8	27	931	5	0	0	0	4	306.3	102.2	3.4	0.0	408.5	3	
9	27	-0	-0	-0	0	0	0	0.1	0.3	0.2	0.0	0.6	2	
2	55	-677	-3	-0	0	0	-4	222.7	99.4	2.5	0.0	322.1	3	
7	55	1	0	0	0	-0	0	0.3	2.2	0.2	0.0	2.5	3	
8	55	932	5	0	0	-0	5	306.4	136.7	3.4	0.0	443.2	3	
9	55	-0	-0	-0	0	0	-0	0.0	3.0	0.2	0.0	3.1	3	

ASTA NUM. 228 NI 4673 NF 4674 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-970	1	1	0	0	-4	319.1	108.2	0.8	0.0	427.3	3	
7	0	43	-0	-1	0	-0	0	14.0	5.9	0.7	0.0	20.0	3	
8	0	1334	-1	-1	0	-0	5	438.8	148.8	1.1	0.0	587.6	3	
9	0	-58	1	1	0	0	-0	19.1	8.1	0.7	0.0	27.2	3	
2	5	-970	1	1	0	-0	-4	319.1	107.0	0.8	0.0	426.1	3	
7	5	43	-0	-1	0	0	0	14.1	5.4	0.7	0.0	19.5	3	
8	5	1334	-1	-1	0	0	5	438.8	147.7	1.1	0.0	586.5	3	
9	5	-58	1	1	0	-0	-0	19.1	6.9	0.7	0.0	26.0	3	
2	10	-970	1	1	0	-0	-4	319.1	106.6	0.8	0.0	425.6	3	
7	10	43	-0	-1	0	0	0	14.1	6.0	0.7	0.0	20.1	3	
8	10	1334	-1	-1	0	0	5	438.8	147.6	1.1	0.0	586.4	3	
9	10	-58	1	1	0	-0	-0	19.1	7.2	0.7	0.0	26.3	3	

ASTA NUM. 217 NI 4674 NF 4598 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1243	-7	-2	0	-0	-4	408.9	111.0	5.4	0.0	519.9	3	
7	0	145	4	2	0	0	-0	47.6	2.6	3.3	0.0	50.3	3	
8	0	1711	10	3	0	0	6	562.8	153.7	7.4	0.0	716.6	3	

9	0	-198	-6	-3	0	-0	0	65.1	2.6	4.5	0.0	67.7	3
2	14	-1243	-7	-2	0	0	-5	408.9	141.2	5.4	0.0	550.0	3
7	14	145	4	2	0	-0	1	47.7	22.7	3.3	0.0	70.4	3
8	14	1711	10	3	0	-0	7	562.8	195.5	7.4	0.0	758.4	3
9	14	-198	-6	-3	0	0	-1	65.0	29.8	4.5	0.0	94.8	3
2	27	-1243	-7	-2	0	0	-6	408.9	174.4	5.4	0.0	583.3	3
7	27	145	4	2	0	-1	1	47.7	48.1	3.3	0.0	95.8	3
8	27	1711	10	3	0	-1	8	562.8	243.7	7.4	0.0	806.6	3
9	27	-198	-6	-3	0	1	-2	65.0	62.2	4.5	0.0	127.2	3

ASTA NUM. 332 NI 4598 NF 4596 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-2211	-41	6	0	0	-3	727.3	101.8	30.2	0.0	829.1	3			
7	0	796	35	-9	0	-1	-2	262.0	57.5	25.7	0.0	319.5	3			
8	0	3044	56	-11	0	-1	5	1001.3	143.6	41.5	0.0	1145.0	3			
9	0	-1090	-48	10	0	1	2	358.6	75.3	35.3	0.0	433.9	3			
2	14	-2211	-41	6	0	-0	-9	727.3	253.6	30.2	0.0	980.9	3			
7	14	797	35	-9	0	1	3	262.0	106.3	25.7	0.0	368.3	3			
8	14	3044	56	-11	0	1	12	1001.3	355.5	41.5	0.0	1356.8	3			
9	14	-1090	-48	10	0	-1	-4	358.6	139.3	35.3	0.0	497.8	3			
2	27	-2211	-41	6	0	-1	-15	727.3	427.3	30.2	0.0	1154.6	3			
7	27	797	35	-9	0	2	8	262.1	270.0	25.7	0.0	532.1	3			
8	27	3044	56	-11	0	2	20	1001.3	604.9	41.5	0.0	1606.2	3			
9	27	-1090	-48	10	0	-2	-11	358.6	353.8	35.3	0.0	712.4	3			

ASTA NUM. 333 NI 4596 NF 4597 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	798	-35	7	0	1	8	262.5	256.3	25.8	0.0	518.7	3			
7	0	-2210	41	-8	0	-2	-14	727.0	441.1	30.1	0.0	1168.1	3			
8	0	-1102	48	-12	0	-3	-11	362.5	369.7	35.5	0.0	732.2	3			
9	0	3033	-56	8	0	2	20	997.7	589.0	41.3	0.0	1586.7	3			
2	14	798	-35	7	0	0	3	262.5	101.0	25.8	0.0	363.5	3			
7	14	-2210	41	-8	0	-1	-9	726.8	258.9	30.1	0.0	985.7	3			
8	14	-1102	48	-12	0	-1	-4	362.5	145.7	35.5	0.0	508.2	3			
9	14	3033	-56	8	0	1	12	997.7	349.1	41.3	0.0	1346.8	3			
2	27	798	-35	7	0	-0	-2	262.6	54.2	25.8	0.0	316.8	3			
7	27	-2209	41	-8	0	1	-3	726.6	104.9	30.1	0.0	831.6	3			
8	27	-1102	48	-12	0	1	2	362.5	78.3	35.5	0.0	440.8	3			
9	27	3033	-56	8	0	-1	5	997.7	140.6	41.3	0.0	1138.2	3			

ASTA NUM. 221 NI 4597 NF 4823 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	146	-4	-2	0	-0	1	48.0	45.1	3.3	0.0	93.1	3			
7	0	-1242	7	2	0	1	-6	408.6	177.4	5.3	0.0	586.0	3			
8	0	-202	6	3	0	1	-2	66.6	65.9	4.6	0.0	132.5	3			
9	0	1706	-10	-2	0	-1	8	561.2	240.1	7.3	0.0	801.2	3			
2	14	146	-4	-2	0	-0	1	48.0	21.8	3.3	0.0	69.8	3			
7	14	-1242	7	2	0	0	-5	408.6	142.1	5.3	0.0	550.7	3			
8	14	-202	6	3	0	0	-1	66.6	31.3	4.6	0.0	97.9	3			
9	14	1706	-10	-2	0	-0	7	561.3	194.0	7.3	0.0	755.3	3			
2	27	146	-4	-2	0	0	-0	48.1	1.6	3.3	0.0	49.7	5			
7	27	-1242	7	2	0	-0	-4	408.6	111.8	5.3	0.0	520.4	3			
8	27	-202	6	3	0	-0	0	66.5	3.2	4.6	0.0	69.7	3			
9	27	1707	-10	-2	0	0	6	561.5	152.7	7.3	0.0	714.2	3			

ASTA NUM. 220 NI 4823 NF 4820 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	44	0	1	0	0	0	14.4	5.3	0.4	0.0	19.7	3			
7	0	-969	-1	-1	0	-0	-4	318.8	107.3	0.8	0.0	426.1	3			
8	0	-61	-1	-1	0	-0	-0	20.1	8.3	0.9	0.0	28.4	3			
9	0	1332	1	1	0	0	5	438.2	146.4	1.1	0.0	584.6	3			
2	5	44	0	1	0	0	0	14.4	5.1	0.4	0.0	19.5	3			

7	5	-969	-1	-1	0	-0	-4	318.8	107.4	0.8	0.0	426.2	3
8	5	-61	-1	-1	0	-0	-0	20.1	7.6	0.9	0.0	27.6	3
9	5	1332	1	1	0	0	5	438.2	147.0	1.1	0.0	585.2	3
2	10	44	0	1	0	-0	0	14.4	6.0	0.4	0.0	20.5	3
7	10	-969	-1	-1	0	0	-4	318.8	108.1	0.8	0.0	426.9	3
8	10	-61	-1	-1	0	0	-0	20.0	8.4	0.9	0.0	28.4	3
9	10	1332	1	1	0	-0	5	438.2	148.6	1.1	0.0	586.7	3

ASTA NUM. 223 NI 4820 NF 4821 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	1	-0	-0	0	-0	0	0.3	2.4	0.2	0.0	2.7	3			
7	0	-677	3	0	0	0	-4	222.6	99.3	2.5	0.0	321.9	3			
8	0	-2	0	0	0	0	-0	0.7	3.3	0.2	0.0	4.0	3			
9	0	930	-5	-0	0	-0	5	305.8	136.5	3.4	0.0	442.2	3			
2	27	1	-0	-0	0	-0	0	0.4	0.3	0.2	0.0	0.7	2			
7	27	-677	3	0	0	-0	-3	222.5	74.2	2.5	0.0	296.8	3			
8	27	-2	0	0	0	0	0	0.6	0.4	0.2	0.0	1.1	2			
9	27	930	-5	-0	0	0	4	305.9	102.0	3.4	0.0	407.9	3			
2	55	1	-0	-0	0	0	-0	0.5	1.6	0.2	0.0	2.1	3			
7	55	-676	3	0	0	-0	-2	222.5	49.8	2.5	0.0	272.3	3			
8	55	-2	0	0	0	-0	0	0.5	2.2	0.2	0.0	2.7	3			
9	55	930	-5	-0	0	0	2	306.0	68.5	3.4	0.0	374.4	3			

ASTA NUM. 222 NI 4821 NF 4822 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-10	0	-0	0	0	-0	3.2	1.5	0.0	0.0	4.6	3			
7	0	-240	3	-0	0	-0	-2	78.8	49.1	2.2	0.0	128.0	3			
8	0	12	-0	0	0	-0	0	4.1	2.0	0.1	0.0	6.1	3			
9	0	329	-4	0	0	0	2	108.1	67.6	3.1	0.0	175.7	3			
2	27	-9	0	-0	0	0	-0	3.1	1.1	0.0	0.0	4.2	3			
7	27	-239	3	-0	0	-0	-1	78.7	26.6	2.2	0.0	105.3	3			
8	27	13	-0	0	0	-0	0	4.2	1.6	0.1	0.0	5.8	3			
9	27	329	-4	0	0	0	1	108.2	36.5	3.1	0.0	144.7	3			
2	55	-9	0	-0	0	0	-0	3.0	0.8	0.0	0.0	3.8	3			
7	55	-239	3	-0	0	-0	-0	78.6	4.0	2.2	0.0	82.6	3			
8	55	13	-0	0	0	-0	0	4.3	1.1	0.1	0.0	5.4	3			
9	55	329	-4	0	0	0	0	108.3	5.5	3.1	0.0	113.8	3			

ASTA NUM. 219 NI 4822 NF 4824 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-11	0	0	0	0	-0	3.7	1.9	0.2	0.0	5.5	3			
7	0	-2	0	-0	0	-0	-0	0.6	0.6	0.1	0.0	1.2	3			
8	0	15	-0	-0	0	-0	0	5.0	2.6	0.3	0.0	7.6	3			
9	0	2	-0	0	0	0	0	0.8	0.8	0.1	0.0	1.6	3			
2	5	-11	0	0	0	0	-0	3.6	1.3	0.2	0.0	5.0	3			
7	5	-2	0	-0	0	-0	0	0.6	0.2	0.1	0.0	0.7	2			
8	5	15	-0	-0	0	-0	0	5.0	1.8	0.3	0.0	6.8	3			
9	5	2	-0	0	0	0	0	0.8	0.2	0.1	0.0	1.0	2			
2	10	-11	0	0	0	-0	-0	3.6	0.8	0.2	0.0	4.4	3			
7	10	-2	0	-0	0	-0	0	0.6	0.0	0.1	0.0	0.6	2			
8	10	15	-0	-0	0	0	0	5.0	1.0	0.3	0.0	6.1	3			
9	10	2	-0	0	0	0	0	0.8	0.0	0.1	0.0	0.8	2			

ASTA NUM. 218 NI 4824 NF 4825 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-9	0	-0	0	-0	-0	2.9	1.3	0.1	0.0	4.2	3			
7	0	9	-0	0	0	-0	0	3.1	1.9	0.2	0.0	5.0	3			
8	0	12	-0	0	0	0	0	3.8	1.8	0.1	0.0	5.7	3			
9	0	-13	0	-0	0	0	-0	4.4	2.5	0.2	0.0	6.9	3			
2	14	-9	0	-0	0	0	-0	2.8	1.0	0.1	0.0	3.9	3			
7	14	10	-0	0	0	-0	0	3.2	1.2	0.2	0.0	4.4	3			
8	14	12	-0	0	0	-0	0	3.9	1.4	0.1	0.0	5.3	3			
9	14	-13	0	-0	0	0	-0	4.3	1.7	0.2	0.0	6.0	3			

2	27	-9	0	-0	0	0	-0	2.8	0.7	0.1	0.0	3.5	3
7	27	10	-0	0	0	-0	0	3.2	0.6	0.2	0.0	3.8	3
8	27	12	-0	0	0	-0	0	3.9	1.0	0.1	0.0	5.0	3
9	27	-13	0	-0	0	0	-0	4.3	0.8	0.2	0.0	5.1	3

ASTA NUM. 428 NI 4825 NF 5002 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-17	0	0	0	0	-0	5.4	2.9	0.2	0.0	8.3	3	
7	0	10	-1	-0	0	-0	0	3.4	3.4	0.4	0.0	6.8	3	
8	0	22	-0	-0	0	-0	0	7.1	4.0	0.3	0.0	11.1	3	
9	0	-15	1	0	0	0	-0	5.0	4.7	0.5	0.0	9.7	3	
2	14	-16	0	0	0	0	-0	5.3	1.9	0.2	0.0	7.2	3	
7	14	11	-1	-0	0	-0	0	3.5	1.4	0.4	0.0	4.9	3	
8	14	22	-0	-0	0	-0	0	7.3	2.6	0.3	0.0	9.8	3	
9	14	-15	1	0	0	0	-0	4.9	1.9	0.5	0.0	6.8	3	
2	27	-16	0	0	0	0	-0	5.2	0.9	0.2	0.0	6.0	1	
7	27	11	-1	-0	0	0	-0	3.7	0.7	0.4	0.0	4.4	1	
8	27	23	-0	-0	0	0	0	7.4	1.1	0.3	0.0	8.6	1	
9	27	-14	1	0	0	0	0	4.8	1.0	0.5	0.0	5.7	1	

ASTA NUM. 400 NI 4960 NF 4671 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-21	-1	0	0	0	0	7.1	0.0	0.4	0.0	7.1	2	
7	0	5	0	-0	0	0	0	1.5	0.0	0.2	0.0	1.5	2	
8	0	29	1	-0	0	0	0	9.4	0.4	0.6	0.0	9.8	1	
9	0	-7	-0	0	0	0	0	2.3	0.4	0.2	0.0	2.8	1	
2	14	-21	-1	0	0	-0	-0	6.9	2.4	0.4	0.0	9.4	3	
7	14	5	0	-0	0	0	0	1.7	0.6	0.2	0.0	2.3	3	
8	14	29	1	-0	0	0	0	9.6	3.4	0.6	0.0	13.0	3	
9	14	-7	-0	0	0	-0	-0	2.2	0.9	0.2	0.0	3.1	3	
2	27	-21	-1	0	0	-0	-0	6.8	4.7	0.4	0.0	11.4	3	
7	27	5	0	-0	0	0	0	1.8	1.5	0.2	0.0	3.3	3	
8	27	30	1	-0	0	0	0	9.7	6.4	0.6	0.0	16.1	3	
9	27	-6	-0	0	0	-0	-0	2.1	2.1	0.2	0.0	4.2	3	

ASTA NUM. 231 NI 4671 NF 4672 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-15	-0	-0	0	-0	-0	5.0	0.9	0.2	0.0	5.9	3	
7	0	4	0	0	0	0	0	1.3	0.2	0.1	0.0	1.5	2	
8	0	21	0	0	0	0	0	6.8	1.2	0.3	0.0	8.0	3	
9	0	-6	-0	-0	0	-0	0	1.9	0.2	0.1	0.0	2.1	2	
2	14	-15	-0	-0	0	-0	-0	4.9	1.8	0.2	0.0	6.7	3	
7	14	4	0	0	0	0	0	1.4	0.5	0.1	0.0	1.9	3	
8	14	21	0	0	0	0	0	6.8	2.4	0.3	0.0	9.2	3	
9	14	-6	-0	-0	0	-0	-0	1.8	0.7	0.1	0.0	2.6	3	
2	27	-15	-0	-0	0	-0	-0	4.9	2.6	0.2	0.0	7.5	3	
7	27	4	0	0	0	0	0	1.4	0.8	0.1	0.0	2.3	3	
8	27	21	0	0	0	0	0	6.9	3.6	0.3	0.0	10.5	3	
9	27	-5	-0	-0	0	-0	-0	1.8	1.1	0.1	0.0	2.9	3	

ASTA NUM. 230 NI 4672 NF 4668 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-38	-2	0	0	-0	-0	12.7	2.1	1.1	0.0	14.7	3	
7	0	6	0	-0	0	0	0	2.0	0.0	0.2	0.0	2.1	2	
8	0	53	2	-0	0	0	0	17.4	2.9	1.6	0.0	20.3	3	
9	0	-8	-0	0	0	-0	-0	2.8	0.3	0.3	0.0	3.1	1	
2	5	-38	-2	0	0	-0	-0	12.6	4.3	1.1	0.0	17.0	3	
7	5	6	0	-0	0	0	0	2.0	0.8	0.2	0.0	2.8	3	
8	5	53	2	-0	0	0	0	17.4	6.0	1.6	0.0	23.4	3	
9	5	-8	-0	0	0	-0	-0	2.7	1.0	0.3	0.0	3.8	3	
2	10	-38	-2	0	0	-0	-0	12.6	6.6	1.1	0.0	19.2	3	
7	10	6	0	-0	0	0	0	2.1	1.3	0.2	0.0	3.4	3	

8 10 53 2 -0 0 0 0 17.5 9.1 1.6 0.0 26.5 3
 9 10 -8 -0 0 0 -0 -0 2.7 1.8 0.3 0.0 4.5 3

ASTA NUM. 233 NI 4668 NF 4669 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-279	-3	0	0	-0	-0	91.6	5.3	2.5	0.0	97.0	3	
7	0	4	0	0	0	0	0	1.2	0.2	0.0	0.0	1.4	2	
8	0	382	5	-0	0	0	0	125.8	7.3	3.5	0.0	133.2	3	
9	0	-6	-0	-0	0	-0	0	1.9	0.3	0.0	0.0	2.1	2	
2	27	-278	-3	0	0	-0	-1	91.5	30.8	2.5	0.0	122.4	3	
7	27	4	0	0	0	0	0	1.3	0.6	0.0	0.0	1.9	3	
8	27	383	5	-0	0	0	2	125.9	42.4	3.5	0.0	168.3	3	
9	27	-5	-0	-0	0	-0	-0	1.8	0.8	0.0	0.0	2.5	3	
2	55	-278	-3	0	0	-0	-2	91.4	56.3	2.5	0.0	147.8	3	
7	55	4	0	0	0	0	0	1.4	0.8	0.0	0.0	2.2	3	
8	55	383	5	-0	0	0	3	126.0	77.5	3.5	0.0	203.5	3	
9	55	-5	-0	-0	0	-0	-0	1.7	1.1	0.0	0.0	2.7	3	

ASTA NUM. 232 NI 4669 NF 4670 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-704	-3	-0	0	-0	-2	231.5	54.7	2.3	0.0	286.2	3	
7	0	-11	-0	0	0	0	0	3.6	1.2	0.2	0.0	4.8	3	
8	0	967	4	0	0	0	3	318.1	75.2	3.1	0.0	393.3	3	
9	0	14	0	-0	0	-0	-0	4.7	1.6	0.3	0.0	6.4	3	
2	27	-703	-3	-0	0	0	-3	231.4	77.2	2.3	0.0	308.5	3	
7	27	-11	-0	0	0	-0	-0	3.5	1.3	0.2	0.0	4.8	3	
8	27	967	4	0	0	-0	4	318.1	106.1	3.1	0.0	424.2	3	
9	27	15	0	-0	0	0	0	4.8	1.9	0.3	0.0	6.7	3	
2	55	-703	-3	-0	0	0	-4	231.3	100.4	2.3	0.0	331.7	3	
7	55	-10	-0	0	0	-0	-0	3.4	3.9	0.2	0.0	7.3	3	
8	55	967	4	0	0	-0	5	318.2	138.0	3.1	0.0	456.2	3	
9	55	15	0	-0	0	0	0	4.9	5.4	0.3	0.0	10.3	3	

ASTA NUM. 229 NI 4670 NF 4667 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-911	-4	1	0	0	-3	299.6	95.3	2.7	0.0	395.0	3	
7	0	-60	0	-1	0	-0	-0	19.9	7.2	0.5	0.0	27.1	3	
8	0	1252	5	-1	0	-0	5	411.8	131.0	3.7	0.0	542.9	3	
9	0	83	-0	1	0	0	0	27.3	9.9	0.8	0.0	37.2	3	
2	5	-911	-4	1	0	-0	-4	299.6	100.8	2.7	0.0	400.4	3	
7	5	-60	0	-1	0	0	-0	19.9	7.1	0.5	0.0	26.9	3	
8	5	1252	5	-1	0	0	5	411.8	138.4	3.7	0.0	550.3	3	
9	5	83	-0	1	0	-0	0	27.3	9.8	0.8	0.0	37.1	3	
2	10	-911	-4	1	0	-0	-4	299.6	107.0	2.7	0.0	406.6	3	
7	10	-60	0	-1	0	0	-0	19.8	8.0	0.5	0.0	27.8	3	
8	10	1252	5	-1	0	0	5	411.8	146.9	3.7	0.0	558.8	3	
9	10	83	-0	1	0	-0	0	27.3	11.2	0.8	0.0	38.5	3	

ASTA NUM. 239 NI 4667 NF 4624 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-961	-1	-2	0	-0	-4	316.2	103.5	1.6	0.0	419.8	3	
7	0	-138	-2	2	0	0	-0	45.4	9.5	1.4	0.0	54.9	3	
8	0	1321	1	3	0	0	5	434.5	142.1	2.2	0.0	576.7	3	
9	0	189	3	-3	0	-0	0	62.1	13.3	1.9	0.0	75.3	3	
2	14	-961	-1	-2	0	0	-4	316.2	111.7	1.6	0.0	427.9	3	
7	14	-138	-2	2	0	-0	-1	45.3	20.3	1.4	0.0	65.7	3	
8	14	1321	1	3	0	-0	5	434.5	153.2	2.2	0.0	587.7	3	
9	14	189	3	-3	0	0	1	62.1	28.1	1.9	0.0	90.2	3	
2	27	-961	-1	-2	0	1	-4	316.2	123.9	1.6	0.0	440.1	3	
7	27	-138	-2	2	0	-0	-1	45.3	34.1	1.4	0.0	79.4	3	
8	27	1321	1	3	0	-1	6	434.5	169.5	2.2	0.0	604.1	3	
9	27	189	3	-3	0	1	1	62.2	47.5	1.9	0.0	109.6	3	

ASTA NUM. 240 NI 4624 NF 4625 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-890	2	8	0	1	-4	292.8	119.4	5.8	0.0	412.3	3	
7	0	-342	-4	-7	0	-0	-1	112.4	36.2	5.2	0.0	148.6	3	
8	0	1220	-3	-10	0	-1	5	401.3	163.6	7.6	0.0	564.9	3	
9	0	466	5	10	0	1	1	153.5	50.5	7.5	0.0	204.0	3	
2	14	-890	2	8	0	-1	-4	292.8	112.3	5.8	0.0	405.1	3	
7	14	-342	-4	-7	0	1	-1	112.4	51.6	5.2	0.0	164.0	3	
8	14	1220	-3	-10	0	1	5	401.5	152.9	7.6	0.0	554.4	3	
9	14	467	5	10	0	-1	2	153.5	71.8	7.5	0.0	225.3	3	
2	27	-890	2	8	0	-2	-3	292.7	134.0	5.8	0.0	426.8	3	
7	27	-342	-4	-7	0	1	-2	112.3	91.0	5.2	0.0	203.4	3	
8	27	1221	-3	-10	0	2	5	401.6	180.6	7.6	0.0	582.2	3	
9	27	467	5	10	0	-2	3	153.6	127.5	7.5	0.0	281.1	3	

ASTA NUM. 314 NI 4625 NF 4950 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-338	3	7	0	2	-2	111.3	92.8	5.5	0.0	204.1	3	
7	0	-887	-2	-7	0	-2	-3	291.7	131.0	5.5	0.0	422.7	3	
8	0	468	-5	-10	0	-2	3	153.9	125.3	7.2	0.0	279.1	3	
9	0	1222	3	11	0	2	5	402.0	183.7	7.9	0.0	585.7	3	
2	14	-338	3	7	0	1	-1	111.2	52.2	5.5	0.0	163.4	3	
7	14	-887	-2	-7	0	-1	-4	291.7	111.0	5.5	0.0	402.7	3	
8	14	468	-5	-10	0	-1	2	153.9	70.9	7.2	0.0	224.8	3	
9	14	1222	3	11	0	1	5	402.0	154.1	7.9	0.0	556.1	3	
2	27	-338	3	7	0	-0	-1	111.2	36.7	5.5	0.0	147.9	3	
7	27	-886	-2	-7	0	1	-4	291.6	118.8	5.5	0.0	410.4	3	
8	27	468	-5	-10	0	1	1	154.0	49.7	7.2	0.0	203.7	3	
9	27	1222	3	11	0	-1	5	402.0	163.9	7.9	0.0	565.9	3	

ASTA NUM. 315 NI 4950 NF 4817 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-136	2	-2	0	-0	-1	44.8	34.4	1.4	0.0	79.2	3	
7	0	-960	1	2	0	1	-4	315.7	123.1	1.6	0.0	438.8	3	
8	0	187	-3	3	0	1	1	61.6	46.8	1.9	0.0	108.4	3	
9	0	1320	-1	-3	0	-1	6	434.2	170.0	2.2	0.0	604.2	3	
2	14	-136	2	-2	0	-0	-1	44.7	20.3	1.4	0.0	65.1	3	
7	14	-959	1	2	0	0	-4	315.6	111.3	1.6	0.0	426.9	3	
8	14	187	-3	3	0	0	1	61.7	27.8	1.9	0.0	89.4	3	
9	14	1320	-1	-3	0	-0	5	434.2	153.2	2.2	0.0	587.5	3	
2	27	-136	2	-2	0	0	-0	44.7	9.5	1.4	0.0	54.2	3	
7	27	-959	1	2	0	-0	-4	315.6	103.2	1.6	0.0	418.8	3	
8	27	188	-3	3	0	-0	0	61.7	12.9	1.9	0.0	74.6	3	
9	27	1320	-1	-3	0	0	5	434.2	142.1	2.2	0.0	576.3	3	

ASTA NUM. 236 NI 4817 NF 4818 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-59	-0	1	0	0	-0	19.4	8.0	0.6	0.0	27.4	3	
7	0	-910	4	-1	0	-0	-4	299.2	106.7	2.7	0.0	405.9	3	
8	0	81	0	-1	0	-0	0	26.7	10.7	0.7	0.0	37.4	3	
9	0	1251	-5	1	0	0	5	411.5	146.8	3.7	0.0	558.4	3	
2	5	-59	-0	1	0	0	-0	19.4	7.0	0.6	0.0	26.4	3	
7	5	-910	4	-1	0	-0	-4	299.2	100.6	2.7	0.0	399.8	3	
8	5	81	0	-1	0	-0	0	26.7	9.5	0.7	0.0	36.2	3	
9	5	1251	-5	1	0	0	5	411.5	138.3	3.7	0.0	549.8	3	
2	10	-59	-0	1	0	-0	-0	19.4	7.1	0.6	0.0	26.5	3	
7	10	-910	4	-1	0	0	-3	299.2	95.2	2.7	0.0	394.4	3	
8	10	81	0	-1	0	0	0	26.7	9.7	0.7	0.0	36.4	3	
9	10	1251	-5	1	0	-0	5	411.5	130.9	3.7	0.0	542.4	3	

ASTA NUM. 234 NI 4818 NF 4819 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	-0	0	-0	-0	3.3	3.8	0.2	0.0	7.0	3	
7	0	-703	3	0	0	0	-4	231.2	100.3	2.3	0.0	331.4	3	
8	0	13	-0	0	0	0	0	4.2	5.1	0.3	0.0	9.4	3	
9	0	965	-4	-0	0	-0	5	317.5	137.8	3.1	0.0	455.3	3	
2	27	-10	0	-0	0	-0	-0	3.2	1.2	0.2	0.0	4.4	3	
7	27	-702	3	0	0	0	-3	231.1	77.1	2.3	0.0	308.2	3	
8	27	13	-0	0	0	0	0	4.3	1.7	0.3	0.0	6.0	3	
9	27	966	-4	-0	0	-0	4	317.6	105.9	3.1	0.0	423.6	3	
2	55	-9	0	-0	0	0	0	3.1	1.3	0.2	0.0	4.4	3	
7	55	-702	3	0	0	-0	-2	231.0	54.6	2.3	0.0	285.6	3	
8	55	13	-0	0	0	-0	-0	4.4	1.8	0.3	0.0	6.2	3	
9	55	966	-4	-0	0	0	3	317.7	75.1	3.1	0.0	392.8	3	

ASTA NUM. 235 NI 4819 NF 4816 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	4	-0	-0	0	0	0	1.3	0.9	0.0	0.0	2.2	3	
7	0	-278	3	-0	0	-0	-2	91.5	56.3	2.5	0.0	147.8	3	
8	0	-6	0	0	0	-0	-0	2.1	1.2	0.0	0.0	3.3	3	
9	0	382	-5	0	0	0	3	125.6	77.4	3.5	0.0	202.9	3	
2	27	4	-0	-0	0	0	0	1.4	0.6	0.0	0.0	2.0	3	
7	27	-278	3	-0	0	-0	-1	91.4	30.8	2.5	0.0	122.3	3	
8	27	-6	0	0	0	-0	-0	2.0	0.9	0.0	0.0	2.9	3	
9	27	382	-5	0	0	0	2	125.7	42.3	3.5	0.0	168.0	3	
2	55	5	-0	-0	0	0	0	1.5	0.2	0.0	0.0	1.7	2	
7	55	-278	3	-0	0	-0	-0	91.3	5.3	2.5	0.0	96.7	3	
8	55	-6	0	0	0	-0	0	1.9	0.3	0.0	0.0	2.2	2	
9	55	382	-5	0	0	0	0	125.8	7.3	3.5	0.0	133.1	3	

ASTA NUM. 237 NI 4816 NF 4814 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	6	-0	0	0	0	0	2.0	1.3	0.2	0.0	3.3	3	
7	0	-38	2	-0	0	-0	-0	12.7	6.6	1.1	0.0	19.2	3	
8	0	-9	0	-0	0	-0	-0	2.9	1.8	0.3	0.0	4.7	3	
9	0	53	-2	0	0	0	0	17.3	9.0	1.6	0.0	26.3	3	
2	5	6	-0	0	0	0	0	2.0	0.8	0.2	0.0	2.8	3	
7	5	-38	2	-0	0	-0	-0	12.6	4.3	1.1	0.0	17.0	3	
8	5	-9	0	-0	0	-0	-0	2.8	1.1	0.3	0.0	3.9	3	
9	5	53	-2	0	0	0	0	17.3	5.9	1.6	0.0	23.3	3	
2	10	6	-0	0	0	0	0	2.0	0.0	0.2	0.0	2.1	2	
7	10	-38	2	-0	0	-0	-0	12.6	2.1	1.1	0.0	14.7	3	
8	10	-9	0	-0	0	-0	-0	2.8	0.3	0.3	0.0	3.1	1	
9	10	53	-2	0	0	0	0	17.3	2.8	1.6	0.0	20.2	3	

ASTA NUM. 238 NI 4814 NF 4815 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	4	-0	-0	0	0	0	1.3	0.8	0.1	0.0	2.1	3	
7	0	-15	0	0	0	-0	-0	5.0	2.6	0.2	0.0	7.6	3	
8	0	-6	0	0	0	-0	-0	1.9	1.2	0.1	0.0	3.0	3	
9	0	20	-0	-0	0	0	0	6.7	3.6	0.3	0.0	10.3	3	
2	14	4	-0	-0	0	0	0	1.3	0.5	0.1	0.0	1.8	3	
7	14	-15	0	0	0	-0	-0	5.0	1.8	0.2	0.0	6.7	3	
8	14	-6	0	0	0	-0	-0	1.8	0.7	0.1	0.0	2.6	3	
9	14	21	-0	-0	0	0	0	6.8	2.4	0.3	0.0	9.2	3	
2	27	4	-0	-0	0	0	0	1.4	0.2	0.1	0.0	1.5	2	
7	27	-15	0	0	0	-0	-0	4.9	0.9	0.2	0.0	5.8	3	
8	27	-5	0	0	0	-0	0	1.8	0.2	0.1	0.0	2.0	2	
9	27	21	-0	-0	0	0	0	6.8	1.2	0.3	0.0	8.1	3	

ASTA NUM. 429 NI 4815 NF 5001 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						

2	0	4	-0	0	0	0	0	1.2	1.5	0.2	0.0	2.7	3	
7	0	-22	1	-0	0	-0	-0	7.3	4.7	0.4	0.0	12.0	3	
8	0	-6	0	-0	0	-0	-0	2.0	2.1	0.2	0.0	4.1	3	
9	0	29	-1	0	0	0	0	9.6	6.4	0.6	0.0	16.1	3	
2	14	4	-0	0	0	0	0	1.3	0.5	0.2	0.0	1.9	3	
7	14	-22	1	-0	0	-0	-0	7.2	2.5	0.4	0.0	9.7	3	
8	14	-6	0	-0	0	-0	-0	1.9	0.8	0.2	0.0	2.7	3	
9	14	30	-1	0	0	0	0	9.8	3.5	0.6	0.0	13.2	3	
2	27	4	-0	0	0	0	-0	1.5	0.4	0.2	0.0	1.9	1	
7	27	-21	1	-0	0	0	-0	7.0	0.4	0.4	0.0	7.4	1	
8	27	-5	0	-0	0	0	0	1.8	0.6	0.2	0.0	2.3	1	
9	27	30	-1	0	0	0	0	9.9	0.5	0.6	0.0	10.4	1	
ASTA NUM. 403 NI 4963 NF 4665 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m														
NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	18	1	0	0	0	0	5.8	0.0	0.4	0.0	5.8	2	
7	0	-8	-0	-0	0	0	0	2.8	0.0	0.2	0.0	2.8	2	
8	0	-25	-1	-0	0	0	0	8.3	0.0	0.5	0.0	8.3	2	
9	0	11	0	0	0	0	0	3.5	0.0	0.3	0.0	3.5	2	
2	14	18	1	0	0	-0	0	6.0	2.2	0.4	0.0	8.1	3	
7	14	-8	-0	-0	0	0	-0	2.6	1.0	0.2	0.0	3.6	3	
8	14	-25	-1	-0	0	0	-0	8.2	3.0	0.5	0.0	11.1	3	
9	14	11	0	0	0	-0	0	3.6	1.3	0.3	0.0	5.0	3	
2	27	19	1	0	0	-0	0	6.1	4.2	0.4	0.0	10.3	3	
7	27	-8	-0	-0	0	0	-0	2.5	2.0	0.2	0.0	4.5	3	
8	27	-24	-1	-0	0	0	-0	8.0	5.8	0.5	0.0	13.8	3	
9	27	11	0	0	0	-0	0	3.8	2.8	0.3	0.0	6.6	3	
ASTA NUM. 250 NI 4665 NF 4663 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m														
NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	12	0	-0	0	-0	0	3.9	0.9	0.1	0.0	4.9	3	
7	0	-6	-0	0	0	0	0	2.0	0.2	0.1	0.0	2.2	2	
8	0	-17	-0	0	0	0	-0	5.5	1.3	0.2	0.0	6.8	3	
9	0	8	0	-0	0	-0	0	2.6	0.5	0.1	0.0	3.2	3	
2	14	12	0	-0	0	-0	0	4.0	1.5	0.1	0.0	5.5	3	
7	14	-6	-0	0	0	0	-0	1.9	0.7	0.1	0.0	2.7	3	
8	14	-17	-0	0	0	0	-0	5.5	2.1	0.2	0.0	7.6	3	
9	14	8	0	-0	0	-0	0	2.7	1.0	0.1	0.0	3.7	3	
2	27	12	0	-0	0	-0	0	4.0	2.1	0.1	0.0	6.1	3	
7	27	-6	-0	0	0	-0	-0	1.9	1.1	0.1	0.0	3.0	3	
8	27	-16	-0	0	0	0	-0	5.4	2.9	0.2	0.0	8.3	3	
9	27	8	0	-0	0	0	0	2.7	1.5	0.1	0.0	4.2	3	
ASTA NUM. 251 NI 4663 NF 4664 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m														
NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1	-0	0	0	-0	0	0.2	0.3	0.1	0.0	0.5	1	
7	0	-9	-0	-0	0	-0	-0	2.9	0.5	0.3	0.0	3.4	3	
8	0	-1	0	-0	0	0	-0	0.3	0.4	0.1	0.0	0.7	1	
9	0	12	0	0	0	0	0	3.9	0.7	0.4	0.0	4.6	3	
2	5	1	-0	0	0	-0	0	0.2	0.2	0.1	0.0	0.4	2	
7	5	-9	-0	-0	0	0	-0	2.9	1.1	0.3	0.0	3.9	3	
8	5	-1	0	-0	0	0	0	0.2	0.2	0.1	0.0	0.5	2	
9	5	12	0	0	0	-0	0	3.9	1.4	0.4	0.0	5.4	3	
2	10	1	-0	0	0	-0	0	0.2	0.3	0.1	0.0	0.5	2	
7	10	-9	-0	-0	0	0	-0	2.8	1.6	0.3	0.0	4.5	3	
8	10	-1	0	-0	0	0	0	0.2	0.4	0.1	0.0	0.7	2	
9	10	12	0	0	0	-0	0	4.0	2.2	0.4	0.0	6.2	3	
ASTA NUM. 248 NI 4664 NF 4666 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m														
NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-238	-3	0	0	-0	-0	78.2	3.8	2.2	0.0	82.0	3	

7	0	-8	-0	0	0	0	-0	2.5	0.5	0.0	0.0	3.1	3
8	0	326	4	-0	0	0	0	107.3	5.2	3.1	0.0	112.5	3
9	0	10	0	-0	0	-0	0	3.3	0.8	0.1	0.0	4.1	3
2	27	-238	-3	0	0	-0	-1	78.1	26.4	2.2	0.0	104.5	3
7	27	-7	-0	0	0	0	-0	2.5	0.9	0.0	0.0	3.4	3
8	27	327	4	-0	0	0	1	107.4	36.3	3.1	0.0	143.7	3
9	27	10	0	-0	0	-0	0	3.4	1.3	0.1	0.0	4.7	3
2	55	-237	-3	0	0	-0	-2	78.0	49.0	2.2	0.0	127.0	3
7	55	-7	-0	0	0	0	-0	2.4	1.3	0.0	0.0	3.7	3
8	55	327	4	-0	0	0	2	107.5	67.4	3.1	0.0	174.9	3
9	55	11	0	-0	0	-0	0	3.5	1.8	0.1	0.0	5.3	3

ASTA NUM. 249 NI 4666 NF 4661 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-676	-3	-0	0	-0	-2	222.3	49.7	2.5	0.0	271.9	3	
7	0	2	0	0	0	0	-0	0.7	1.4	0.2	0.0	2.1	3	
8	0	928	5	0	0	0	2	305.4	68.3	3.4	0.0	373.7	3	
9	0	-3	-0	-0	0	-0	0	1.0	1.9	0.2	0.0	3.0	3	
2	27	-675	-3	-0	0	-0	-3	222.2	74.1	2.5	0.0	296.3	3	
7	27	2	0	0	0	-0	0	0.8	0.3	0.2	0.0	1.0	2	
8	27	929	5	0	0	0	4	305.5	101.9	3.4	0.0	407.4	3	
9	27	-3	-0	-0	0	0	-0	0.9	0.7	0.2	0.0	1.6	3	
2	55	-675	-3	-0	0	0	-4	222.1	99.2	2.5	0.0	321.3	3	
7	55	3	0	0	0	-0	0	0.8	2.4	0.2	0.0	3.3	3	
8	55	929	5	0	0	-0	5	305.6	136.5	3.4	0.0	442.1	3	
9	55	-3	-0	-0	0	0	-0	0.8	3.3	0.2	0.0	4.1	3	

ASTA NUM. 252 NI 4661 NF 4662 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-968	1	1	0	0	-4	318.5	108.0	0.8	0.0	426.5	3	
7	0	45	-0	-1	0	-0	0	14.7	6.1	0.7	0.0	20.8	3	
8	0	1332	-1	-1	0	-0	5	438.2	148.5	1.1	0.0	586.7	3	
9	0	-61	1	1	0	0	-0	19.9	8.4	0.7	0.0	28.3	3	
2	5	-968	1	1	0	-0	-4	318.5	106.8	0.8	0.0	425.3	3	
7	5	45	-0	-1	0	0	0	14.7	5.6	0.7	0.0	20.3	3	
8	5	1332	-1	-1	0	0	5	438.2	147.4	1.1	0.0	585.6	3	
9	5	-61	1	1	0	-0	-0	19.9	7.1	0.7	0.0	27.1	3	
2	10	-968	1	1	0	-0	-4	318.5	106.4	0.8	0.0	424.8	3	
7	10	45	-0	-1	0	0	0	14.7	6.2	0.7	0.0	20.9	3	
8	10	1332	-1	-1	0	0	5	438.2	147.3	1.1	0.0	585.5	3	
9	10	-61	1	1	0	-0	-0	19.9	7.4	0.7	0.0	27.4	3	

ASTA NUM. 241 NI 4662 NF 4604 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1242	-7	-2	0	-0	-4	408.6	110.9	5.3	0.0	519.4	3	
7	0	147	4	2	0	0	-0	48.3	2.4	3.3	0.0	50.7	3	
8	0	1708	10	3	0	0	6	561.8	153.5	7.4	0.0	715.3	3	
9	0	-201	-6	-3	0	-0	0	66.0	2.3	4.5	0.0	68.3	5	
2	14	-1241	-7	-2	0	0	-5	408.4	141.0	5.3	0.0	549.4	3	
7	14	147	4	2	0	-0	1	48.3	22.9	3.3	0.0	71.3	3	
8	14	1708	10	3	0	-0	7	561.8	195.3	7.4	0.0	757.1	3	
9	14	-200	-6	-3	0	0	-1	65.9	30.1	4.5	0.0	96.0	3	
2	27	-1241	-7	-2	0	0	-6	408.2	174.3	5.3	0.0	582.5	3	
7	27	147	4	2	0	-1	1	48.4	48.3	3.3	0.0	96.7	3	
8	27	1708	10	3	0	-1	8	561.8	243.5	7.4	0.0	805.3	3	
9	27	-200	-6	-3	0	1	-2	65.9	62.5	4.5	0.0	128.4	3	

ASTA NUM. 328 NI 4604 NF 4602 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2208	-41	6	0	0	-3	726.3	101.7	30.1	0.0	828.0	3	
7	0	799	35	-9	0	-1	-2	262.9	57.3	25.7	0.0	320.2	3	
8	0	3041	56	-11	0	-1	5	1000.3	143.5	41.5	0.0	1143.8	3	
9	0	-1094	-48	10	0	1	2	359.9	75.0	35.3	0.0	434.8	3	

2	14	-2208	-41	6	0	-0	-9	726.3	253.5	30.1	0.0	979.8	3
7	14	799	35	-9	0	1	3	262.9	106.6	25.7	0.0	369.5	3
8	14	3041	56	-11	0	1	12	1000.3	355.2	41.5	0.0	1355.5	3
9	14	-1094	-48	10	0	-1	-4	359.9	139.8	35.3	0.0	499.6	3
2	27	-2208	-41	6	0	-1	-14	726.3	427.2	30.1	0.0	1153.5	3
7	27	800	35	-9	0	2	8	263.0	270.4	25.7	0.0	533.4	3
8	27	3041	56	-11	0	20	20	1000.3	604.5	41.5	0.0	1604.9	3
9	27	-1094	-48	10	0	-2	-11	359.9	354.5	35.3	0.0	714.4	3

ASTA NUM. 329 NI 4602 NF 4603 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	799	-35	7	0	1	8	262.7	256.3	25.7	0.0	519.0	3	
7	0	-2209	41	-8	0	-2	-14	726.6	441.1	30.1	0.0	1167.7	3	
8	0	-1103	48	-12	0	-3	-11	362.8	369.8	35.5	0.0	732.6	3	
9	0	3031	-56	8	0	2	20	997.0	589.3	41.3	0.0	1586.3	3	
2	14	799	-35	7	0	0	3	262.8	101.1	25.7	0.0	363.9	3	
7	14	-2209	41	-8	0	-1	-9	726.6	258.8	30.1	0.0	985.4	3	
8	14	-1103	48	-12	0	-1	-4	362.8	145.9	35.5	0.0	508.7	3	
9	14	3032	-56	8	0	1	12	997.2	349.1	41.3	0.0	1346.3	3	
2	27	799	-35	7	0	-0	-2	262.8	54.0	25.7	0.0	316.9	3	
7	27	-2209	41	-8	0	1	-3	726.6	104.8	30.1	0.0	831.4	3	
8	27	-1103	48	-12	0	1	2	362.8	78.0	35.5	0.0	440.9	3	
9	27	3032	-56	8	0	-1	5	997.4	140.4	41.3	0.0	1137.7	3	

ASTA NUM. 245 NI 4603 NF 4811 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	147	-4	-2	0	-0	1	48.4	45.2	3.3	0.0	93.6	3	
7	0	-1241	7	2	0	1	-6	408.2	177.3	5.3	0.0	585.6	3	
8	0	-204	6	3	0	1	-2	67.2	66.1	4.5	0.0	133.2	3	
9	0	1704	-10	-2	0	-1	8	560.5	239.9	7.3	0.0	800.4	3	
2	14	147	-4	-2	0	-0	1	48.4	21.9	3.3	0.0	70.3	3	
7	14	-1241	7	2	0	0	-5	408.2	142.0	5.3	0.0	550.2	3	
8	14	-204	6	3	0	0	-1	67.1	31.5	4.5	0.0	98.7	3	
9	14	1704	-10	-2	0	-0	7	560.7	193.8	7.3	0.0	754.5	3	
2	27	147	-4	-2	0	0	-0	48.5	1.4	3.3	0.0	50.0	5	
7	27	-1241	7	2	0	-0	-4	408.2	111.7	5.3	0.0	519.9	3	
8	27	-204	6	3	0	-0	0	67.1	3.0	4.5	0.0	70.1	3	
9	27	1705	-10	-2	0	0	6	560.9	152.4	7.3	0.0	713.3	3	

ASTA NUM. 244 NI 4811 NF 4808 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	45	0	1	0	0	0	14.8	5.4	0.4	0.0	20.3	3	
7	0	-968	-1	-1	0	-0	-4	318.3	107.1	0.8	0.0	425.5	3	
8	0	-63	-1	-1	0	-0	-0	20.7	8.5	0.9	0.0	29.2	3	
9	0	1330	1	1	0	0	5	437.5	146.2	1.1	0.0	583.7	3	
2	5	45	0	1	0	0	0	14.9	5.3	0.4	0.0	20.1	3	
7	5	-968	-1	-1	0	-0	-4	318.3	107.2	0.8	0.0	425.5	3	
8	5	-63	-1	-1	0	-0	-0	20.7	7.8	0.9	0.0	28.5	3	
9	5	1330	1	1	0	0	5	437.5	146.8	1.1	0.0	584.3	3	
2	10	45	0	1	0	-0	0	14.9	6.2	0.4	0.0	21.1	3	
7	10	-968	-1	-1	0	0	-4	318.3	108.0	0.8	0.0	426.2	3	
8	10	-63	-1	-1	0	0	-0	20.7	8.6	0.9	0.0	29.2	3	
9	10	1330	1	1	0	-0	5	437.5	148.3	1.1	0.0	585.8	3	

ASTA NUM. 247 NI 4808 NF 4809 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	3	-0	-0	0	-0	0	0.8	2.5	0.2	0.0	3.3	3	
7	0	-675	3	0	0	0	-4	222.1	99.1	2.5	0.0	321.2	3	
8	0	-4	0	0	0	0	-0	1.5	3.5	0.2	0.0	5.0	3	
9	0	927	-5	-0	0	-0	5	305.0	136.3	3.4	0.0	441.2	3	
2	27	3	-0	-0	0	-0	0	0.9	0.6	0.2	0.0	1.5	3	
7	27	-675	3	0	0	-0	-3	222.0	74.0	2.5	0.0	296.0	3	

8	27	-4	0	0	0	0	-0	1.4	0.8	0.2	0.0	2.2	3
9	27	927	-5	-0	0	0	4	305.1	101.8	3.4	0.0	406.8	3
2	55	3	-0	-0	0	0	-0	1.0	1.4	0.2	0.0	2.4	3
7	55	-674	3	0	0	-0	-2	221.9	49.6	2.5	0.0	271.5	3
8	55	-4	0	0	0	-0	0	1.3	1.9	0.2	0.0	3.1	3
9	55	928	-5	-0	0	0	2	305.2	68.2	3.4	0.0	373.4	3

ASTA NUM. 246 NI 4809 NF 4810 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-7	0	-0	0	0	-0	2.5	1.3	0.0	0.0	3.7	3	
7	0	-238	3	-0	0	-0	-2	78.1	49.0	2.2	0.0	127.1	3	
8	0	10	-0	0	0	-0	0	3.1	1.7	0.1	0.0	4.9	3	
9	0	326	-4	0	0	0	2	107.1	67.3	3.1	0.0	174.4	3	
2	27	-7	0	-0	0	0	-0	2.4	0.9	0.0	0.0	3.3	3	
7	27	-237	3	-0	0	-0	-1	78.0	26.4	2.2	0.0	104.4	3	
8	27	10	-0	0	0	-0	0	3.2	1.2	0.1	0.0	4.5	3	
9	27	326	-4	0	0	0	1	107.2	36.2	3.1	0.0	143.5	3	
2	55	-7	0	-0	0	0	-0	2.3	0.5	0.0	0.0	2.8	3	
7	55	-237	3	-0	0	-0	-0	77.9	3.8	2.2	0.0	81.7	3	
8	55	10	-0	0	0	-0	0	3.3	0.7	0.1	0.0	4.1	3	
9	55	326	-4	0	0	0	0	107.3	5.1	3.1	0.0	112.5	3	

ASTA NUM. 243 NI 4810 NF 4812 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	0	-0	2.9	1.6	0.3	0.0	4.5	3	
7	0	1	0	-0	0	-0	0	0.2	0.3	0.1	0.0	0.5	2	
8	0	12	-0	-0	0	-0	0	3.9	2.2	0.4	0.0	6.1	3	
9	0	-1	-0	0	0	0	0	0.3	0.4	0.1	0.0	0.8	2	
2	5	-9	0	0	0	0	-0	2.8	1.0	0.3	0.0	3.9	3	
7	5	1	0	-0	0	-0	0	0.2	0.2	0.1	0.0	0.4	2	
8	5	12	-0	-0	0	-0	0	3.9	1.4	0.4	0.0	5.3	3	
9	5	-1	-0	0	0	0	0	0.3	0.2	0.1	0.0	0.6	2	
2	10	-9	0	0	0	-0	-0	2.8	0.5	0.3	0.0	3.3	3	
7	10	1	0	-0	0	-0	0	0.2	0.3	0.1	0.0	0.5	1	
8	10	12	-0	-0	0	0	0	3.9	0.7	0.4	0.0	4.6	3	
9	10	-1	-0	0	0	0	-0	0.3	0.4	0.1	0.0	0.7	1	

ASTA NUM. 242 NI 4812 NF 4813 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-6	0	-0	0	-0	-0	2.0	1.1	0.1	0.0	3.1	3	
7	0	12	-0	0	0	-0	0	3.9	2.1	0.1	0.0	6.0	3	
8	0	8	-0	0	0	0	0	2.7	1.5	0.1	0.0	4.1	3	
9	0	-17	0	-0	0	0	-0	5.5	2.9	0.2	0.0	8.4	3	
2	14	-6	0	-0	0	0	-0	2.0	0.7	0.1	0.0	2.7	3	
7	14	12	-0	0	0	-0	0	4.0	1.5	0.1	0.0	5.5	3	
8	14	8	-0	0	0	-0	0	2.7	1.0	0.1	0.0	3.7	3	
9	14	-17	0	-0	0	0	-0	5.5	2.1	0.2	0.0	7.6	3	
2	27	-6	0	-0	0	0	0	1.9	0.2	0.1	0.0	2.1	2	
7	27	12	-0	0	0	-0	0	4.0	0.9	0.1	0.0	4.9	3	
8	27	8	-0	0	0	-0	0	2.8	0.6	0.1	0.0	3.3	3	
9	27	-16	0	-0	0	0	-0	5.4	1.3	0.2	0.0	6.7	3	

ASTA NUM. 432 NI 4813 NF 4998 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	0	0	0	-0	3.0	2.1	0.2	0.0	5.1	3	
7	0	17	-1	-0	0	-0	0	5.6	4.2	0.4	0.0	9.8	3	
8	0	12	-0	-0	0	-0	0	3.8	2.8	0.3	0.0	6.6	3	
9	0	-25	1	0	0	0	-0	8.1	5.8	0.5	0.0	13.9	3	
2	14	-9	0	0	0	0	-0	2.9	1.0	0.2	0.0	3.9	3	
7	14	17	-1	-0	0	-0	0	5.8	2.1	0.4	0.0	7.9	3	
8	14	12	-0	-0	0	-0	0	3.9	1.4	0.3	0.0	5.4	3	
9	14	-24	1	0	0	0	-0	7.9	2.9	0.5	0.0	10.8	3	

2	27	-8	0	0	0	0	0	2.7	0.0	0.2	0.0	2.8	2
7	27	18	-1	-0	0	0	0	5.9	0.0	0.4	0.0	5.9	2
8	27	12	-0	-0	0	0	0	4.1	0.0	0.3	0.0	4.1	2
9	27	-24	1	0	0	0	0	7.8	0.0	0.5	0.0	7.8	2

ASTA NUM. 404 NI 4964 NF 4659 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-16	-1	0	0	0	0	5.3	0.3	0.4	0.0	5.7	1	
7	0	10	0	-0	0	0	0	3.3	0.3	0.2	0.0	3.7	1	
8	0	21	1	-0	0	0	-0	7.1	0.4	0.6	0.0	7.5	1	
9	0	-15	-0	0	0	0	-0	4.8	0.4	0.2	0.0	5.3	1	
2	14	-16	-1	0	0	-0	-0	5.2	1.9	0.4	0.0	7.1	3	
7	14	11	0	-0	0	0	0	3.5	1.2	0.2	0.0	4.7	3	
8	14	22	1	-0	0	0	0	7.2	2.6	0.6	0.0	9.8	3	
9	14	-14	-0	0	0	-0	-0	4.7	1.7	0.2	0.0	6.4	3	
2	27	-15	-1	0	0	-0	-0	5.1	4.1	0.4	0.0	9.1	3	
7	27	11	0	-0	0	0	0	3.6	2.1	0.2	0.0	5.8	3	
8	27	22	1	-0	0	0	0	7.3	5.6	0.6	0.0	13.0	3	
9	27	-14	-0	0	0	-0	-0	4.6	2.9	0.2	0.0	7.5	3	

ASTA NUM. 255 NI 4659 NF 4660 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-13	-0	-0	0	-0	-0	4.3	0.7	0.2	0.0	5.0	3	
7	0	6	0	0	0	0	0	2.0	0.5	0.1	0.0	2.5	3	
8	0	18	0	0	0	0	0	5.9	0.9	0.3	0.0	6.8	3	
9	0	-8	-0	-0	0	-0	-0	2.8	0.6	0.1	0.0	3.4	3	
2	14	-13	-0	-0	0	-0	-0	4.3	1.5	0.2	0.0	5.8	3	
7	14	6	0	0	0	0	0	2.0	0.8	0.1	0.0	2.8	3	
8	14	18	0	0	0	0	0	5.9	2.1	0.3	0.0	8.1	3	
9	14	-8	-0	-0	0	-0	-0	2.7	1.0	0.1	0.0	3.8	3	
2	27	-13	-0	-0	0	-0	-0	4.2	2.4	0.2	0.0	6.7	3	
7	27	6	0	0	0	-0	0	2.1	1.0	0.1	0.0	3.1	3	
8	27	18	0	0	0	0	0	6.0	3.4	0.3	0.0	9.3	3	
9	27	-8	-0	-0	0	0	-0	2.7	1.4	0.1	0.0	4.1	3	

ASTA NUM. 254 NI 4660 NF 4656 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-37	-2	0	0	-0	-0	12.0	1.9	1.1	0.0	13.9	3	
7	0	8	0	-0	0	-0	0	2.6	0.5	0.2	0.0	3.1	1	
8	0	50	2	-0	0	0	0	16.6	2.6	1.6	0.0	19.1	3	
9	0	-11	-0	0	0	0	-0	3.6	0.6	0.3	0.0	4.2	1	
2	5	-37	-2	0	0	-0	-0	12.0	4.1	1.1	0.0	16.2	3	
7	5	8	0	-0	0	0	0	2.7	1.0	0.2	0.0	3.6	3	
8	5	50	2	-0	0	0	0	16.6	5.7	1.6	0.0	22.3	3	
9	5	-11	-0	0	0	-0	-0	3.6	1.3	0.3	0.0	4.9	3	
2	10	-37	-2	0	0	-0	-0	12.0	6.4	1.1	0.0	18.4	3	
7	10	8	0	-0	0	0	0	2.7	1.5	0.2	0.0	4.2	3	
8	10	50	2	-0	0	0	0	16.6	8.8	1.6	0.0	25.4	3	
9	10	-11	-0	0	0	-0	-0	3.6	2.0	0.3	0.0	5.6	3	

ASTA NUM. 257 NI 4656 NF 4657 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-277	-3	0	0	-0	-0	91.1	5.1	2.5	0.0	96.2	3	
7	0	6	0	0	0	0	0	1.8	0.6	0.0	0.0	2.4	3	
8	0	380	5	-0	0	0	0	125.0	7.1	3.5	0.0	132.1	3	
9	0	-8	-0	-0	0	-0	-0	2.6	0.8	0.0	0.0	3.4	3	
2	27	-276	-3	0	0	-0	-1	91.0	30.6	2.5	0.0	121.6	3	
7	27	6	0	0	0	0	0	1.9	0.8	0.0	0.0	2.7	3	
8	27	380	5	-0	0	0	2	125.1	42.2	3.5	0.0	167.2	3	
9	27	-8	-0	-0	0	-0	-0	2.6	1.0	0.0	0.0	3.6	3	
2	55	-276	-3	0	0	-0	-2	90.9	56.1	2.5	0.0	147.0	3	
7	55	6	0	0	0	0	0	2.0	1.0	0.0	0.0	3.0	3	
8	55	381	5	-0	0	0	3	125.2	77.2	3.5	0.0	202.4	3	

9 55 -7 -0 -0 0 -0 -0 2.5 1.3 0.0 0.0 3.8 3
ASTA NUM. 256 NI 4657 NF 4658 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-702	-3	-0	0	-0	-2	230.9	54.5	2.3	0.0	285.4	3	
7	0	-9	-0	0	0	0	0	3.0	1.4	0.2	0.0	4.4	3	
8	0	964	4	0	0	0	3	317.3	75.0	3.1	0.0	392.2	3	
9	0	12	0	-0	0	-0	-0	4.0	1.9	0.3	0.0	5.9	3	
2	27	-702	-3	-0	0	0	-3	230.8	77.0	2.3	0.0	307.8	3	
7	27	-9	-0	0	0	-0	-0	2.9	1.1	0.2	0.0	4.1	3	
8	27	965	4	0	0	-0	4	317.4	105.9	3.1	0.0	423.2	3	
9	27	12	0	-0	0	0	0	4.1	1.6	0.3	0.0	5.7	3	
2	55	-701	-3	-0	0	0	-4	230.7	100.2	2.3	0.0	330.9	3	
7	55	-9	-0	0	0	-0	-0	2.8	3.7	0.2	0.0	6.5	3	
8	55	965	4	0	0	-0	5	317.5	137.8	3.1	0.0	455.2	3	
9	55	13	0	-0	0	0	0	4.2	5.1	0.3	0.0	9.3	3	

ASTA NUM. 253 NI 4658 NF 4655 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-909	-4	1	0	0	-3	299.0	95.1	2.7	0.0	394.2	3	
7	0	-59	0	-1	0	-0	-0	19.3	7.0	0.5	0.0	26.3	3	
8	0	1250	5	-1	0	-0	5	411.2	130.8	3.7	0.0	542.0	3	
9	0	80	-0	1	0	0	0	26.5	9.6	0.8	0.0	36.1	3	
2	5	-909	-4	1	0	-0	-4	299.0	100.6	2.7	0.0	399.6	3	
7	5	-59	0	-1	0	0	-0	19.3	6.9	0.5	0.0	26.1	3	
8	5	1250	5	-1	0	0	5	411.2	138.2	3.7	0.0	549.4	3	
9	5	80	-0	1	0	-0	0	26.5	9.6	0.8	0.0	36.0	3	
2	10	-909	-4	1	0	-0	-4	299.0	106.8	2.7	0.0	405.8	3	
7	10	-58	0	-1	0	0	-0	19.2	7.8	0.5	0.0	27.0	3	
8	10	1250	5	-1	0	0	5	411.2	146.7	3.7	0.0	557.8	3	
9	10	81	-0	1	0	-0	0	26.5	10.9	0.8	0.0	37.4	3	

ASTA NUM. 263 NI 4655 NF 4622 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-960	-1	-2	0	-0	-4	315.7	103.3	1.6	0.0	419.0	3	
7	0	-136	-2	2	0	0	-0	44.8	9.3	1.4	0.0	54.1	3	
8	0	1318	1	3	0	0	5	433.6	141.9	2.2	0.0	575.4	3	
9	0	186	3	-3	0	-0	0	61.2	13.0	1.9	0.0	74.2	3	
2	14	-959	-1	-2	0	0	-4	315.6	111.5	1.6	0.0	427.1	3	
7	14	-136	-2	2	0	-0	-1	44.7	20.1	1.4	0.0	64.8	3	
8	14	1319	1	3	0	-0	5	433.7	153.0	2.2	0.0	586.7	3	
9	14	186	3	-3	0	0	1	61.3	27.8	1.9	0.0	89.1	3	
2	27	-959	-1	-2	0	1	-4	315.6	123.7	1.6	0.0	439.3	3	
7	27	-136	-2	2	0	-0	-1	44.7	33.9	1.4	0.0	78.6	3	
8	27	1319	1	3	0	-1	6	433.9	169.3	2.2	0.0	603.2	3	
9	27	186	3	-3	0	1	1	61.3	47.2	1.9	0.0	108.5	3	

ASTA NUM. 264 NI 4622 NF 4623 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-888	2	8	0	1	-4	292.2	119.3	5.8	0.0	411.5	3	
7	0	-340	-4	-7	0	-0	-1	111.9	36.0	5.2	0.0	147.9	3	
8	0	1218	-3	-10	0	-1	5	400.7	163.4	7.6	0.0	564.0	3	
9	0	464	5	10	0	1	1	152.7	50.2	7.5	0.0	202.8	3	
2	14	-888	2	8	0	-1	-4	292.2	112.2	5.8	0.0	404.4	3	
7	14	-340	-4	-7	0	1	-1	111.8	51.4	5.2	0.0	163.2	3	
8	14	1218	-3	-10	0	1	5	400.7	152.7	7.6	0.0	553.4	3	
9	14	464	5	10	0	-1	2	152.7	71.5	7.5	0.0	224.2	3	
2	27	-888	2	8	0	-2	-3	292.1	134.0	5.8	0.0	426.2	3	
7	27	-340	-4	-7	0	1	-2	111.8	90.7	5.2	0.0	202.5	3	
8	27	1218	-3	-10	0	2	5	400.7	180.6	7.6	0.0	581.2	3	
9	27	464	5	10	0	-2	3	152.8	127.0	7.5	0.0	279.8	3	

ASTA NUM. 310 NI 4623 NF 4948 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-337	3	7	0	2	-2	110.8	92.7	5.5	0.0	203.5	3	
7	0	-885	-2	-7	0	-2	-3	291.2	130.8	5.5	0.0	422.0	3	
8	0	466	-5	-10	0	-2	3	153.3	125.1	7.2	0.0	278.4	3	
9	0	1220	3	11	0	2	5	401.3	183.5	7.9	0.0	584.8	3	
2	14	-337	3	7	0	1	-1	110.8	52.1	5.5	0.0	162.8	3	
7	14	-885	-2	-7	0	-1	-4	291.1	110.8	5.5	0.0	402.0	3	
8	14	466	-5	-10	0	-1	2	153.3	70.7	7.2	0.0	224.0	3	
9	14	1220	3	11	0	1	5	401.3	153.9	7.9	0.0	555.2	3	
2	27	-337	3	7	0	-0	-1	110.7	36.5	5.5	0.0	147.3	3	
7	27	-885	-2	-7	0	1	-4	291.1	118.6	5.5	0.0	409.7	3	
8	27	466	-5	-10	0	1	1	153.4	49.5	7.2	0.0	202.9	3	
9	27	1220	3	11	0	-1	5	401.3	163.7	7.9	0.0	565.0	3	

ASTA NUM. 311 NI 4948 NF 4805 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-135	2	-2	0	-0	-1	44.3	34.3	1.4	0.0	78.6	3	
7	0	-958	1	2	0	1	-4	315.2	122.9	1.6	0.0	438.1	3	
8	0	186	-3	3	0	1	1	61.0	46.6	1.9	0.0	107.6	3	
9	0	1318	-1	-3	0	-1	6	433.6	169.8	2.2	0.0	603.4	3	
2	14	-135	2	-2	0	-0	-1	44.3	20.2	1.4	0.0	64.4	3	
7	14	-958	1	2	0	0	-4	315.1	111.1	1.6	0.0	426.3	3	
8	14	186	-3	3	0	0	1	61.1	27.6	1.9	0.0	88.6	3	
9	14	1318	-1	-3	0	-0	5	433.6	153.1	2.2	0.0	586.6	3	
2	27	-134	2	-2	0	0	-0	44.2	9.4	1.4	0.0	53.6	3	
7	27	-958	1	2	0	-0	-4	315.1	103.1	1.6	0.0	418.2	3	
8	27	186	-3	3	0	-0	0	61.1	12.7	1.9	0.0	73.8	3	
9	27	1318	-1	-3	0	0	5	433.6	141.9	2.2	0.0	575.5	3	

ASTA NUM. 260 NI 4805 NF 4806 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-58	-0	1	0	0	-0	19.0	7.8	0.6	0.0	26.8	3	
7	0	-908	4	-1	0	-0	-4	298.8	106.5	2.7	0.0	405.3	3	
8	0	79	0	-1	0	-0	0	26.1	10.6	0.8	0.0	36.6	3	
9	0	1249	-5	1	0	0	5	410.9	146.6	3.7	0.0	557.5	3	
2	5	-58	-0	1	0	0	-0	19.0	6.9	0.6	0.0	25.8	3	
7	5	-908	4	-1	0	-0	-4	298.8	100.4	2.7	0.0	399.2	3	
8	5	79	0	-1	0	-0	0	26.1	9.3	0.8	0.0	35.4	3	
9	5	1249	-5	1	0	0	5	410.9	138.1	3.7	0.0	549.0	3	
2	10	-58	-0	1	0	-0	-0	18.9	6.9	0.6	0.0	25.9	3	
7	10	-908	4	-1	0	0	-3	298.7	95.0	2.7	0.0	393.8	3	
8	10	79	0	-1	0	0	0	26.1	9.5	0.8	0.0	35.6	3	
9	10	1249	-5	1	0	-0	5	410.9	130.7	3.7	0.0	541.5	3	

ASTA NUM. 258 NI 4806 NF 4807 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-9	0	-0	0	-0	-0	2.8	3.6	0.2	0.0	6.4	3	
7	0	-701	3	0	0	0	-4	230.7	100.1	2.3	0.0	330.8	3	
8	0	11	-0	0	0	0	0	3.6	5.0	0.3	0.0	8.5	3	
9	0	963	-4	-0	0	-0	5	316.9	137.6	3.1	0.0	454.5	3	
2	27	-8	0	-0	0	-0	-0	2.7	1.1	0.2	0.0	3.8	3	
7	27	-701	3	0	0	0	-3	230.6	76.9	2.3	0.0	307.5	3	
8	27	11	-0	0	0	0	0	3.7	1.5	0.3	0.0	5.2	3	
9	27	964	-4	-0	0	-0	4	317.0	105.7	3.1	0.0	422.7	3	
2	55	-8	0	-0	0	0	0	2.6	1.4	0.2	0.0	4.1	3	
7	55	-701	3	0	0	-0	-2	230.5	54.5	2.3	0.0	285.0	3	
8	55	11	-0	0	0	-0	-0	3.8	2.0	0.3	0.0	5.8	3	
9	55	964	-4	-0	0	0	3	317.0	74.9	3.1	0.0	391.9	3	

ASTA NUM. 259 NI 4807 NF 4804 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	6	-0	-0	0	0	0	1.9	1.0	0.0	0.0	2.9	3
7	0	-277	3	-0	0	-0	-2	91.0	56.1	2.5	0.0	147.1	3
8	0	-9	0	0	0	-0	-0	2.9	1.4	0.0	0.0	4.3	3
9	0	379	-5	0	0	0	3	124.8	77.1	3.5	0.0	201.9	3
2	27	6	-0	-0	0	0	0	2.0	0.8	0.0	0.0	2.8	3
7	27	-276	3	-0	0	-0	-1	90.9	30.6	2.5	0.0	121.5	3
8	27	-8	0	0	0	-0	-0	2.8	1.1	0.0	0.0	3.9	3
9	27	380	-5	0	0	0	2	124.9	42.1	3.5	0.0	166.9	3
2	55	6	-0	-0	0	0	0	2.1	0.6	0.0	0.0	2.6	3
7	55	-276	3	-0	0	-0	-0	90.8	5.1	2.5	0.0	95.9	3
8	55	-8	0	0	0	-0	-0	2.7	0.8	0.0	0.0	3.5	3
9	55	380	-5	0	0	0	0	125.0	7.0	3.5	0.0	132.0	3

ASTA NUM. 261 NI 4804 NF 4802 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	8	-0	0	0	0	0	2.6	1.5	0.2	0.0	4.1	3	
7	0	-37	2	-0	0	-0	-0	12.0	6.4	1.1	0.0	18.4	3	
8	0	-11	0	-0	0	-0	-0	3.7	2.1	0.3	0.0	5.8	3	
9	0	50	-2	0	0	0	0	16.5	8.7	1.6	0.0	25.2	3	
2	5	8	-0	0	0	0	0	2.7	1.0	0.2	0.0	3.6	3	
7	5	-37	2	-0	0	-0	-0	12.0	4.1	1.1	0.0	16.1	3	
8	5	-11	0	-0	0	-0	-0	3.7	1.4	0.3	0.0	5.1	3	
9	5	50	-2	0	0	0	0	16.5	5.7	1.6	0.0	22.1	3	
2	10	8	-0	0	0	-0	0	2.7	0.4	0.2	0.0	3.1	1	
7	10	-36	2	-0	0	-0	-0	12.0	1.9	1.1	0.0	13.9	3	
8	10	-11	0	-0	0	0	-0	3.7	0.6	0.3	0.0	4.3	1	
9	10	50	-2	0	0	0	0	16.5	2.6	1.6	0.0	19.0	3	

ASTA NUM. 262 NI 4802 NF 4803 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	6	-0	-0	0	-0	0	1.9	1.0	0.1	0.0	3.0	3	
7	0	-13	0	0	0	-0	-0	4.4	2.4	0.2	0.0	6.8	3	
8	0	-9	0	0	0	0	-0	2.8	1.4	0.1	0.0	4.3	3	
9	0	18	-0	-0	0	0	0	5.8	3.3	0.3	0.0	9.1	3	
2	14	6	-0	-0	0	0	0	2.0	0.7	0.1	0.0	2.7	3	
7	14	-13	0	0	0	-0	-0	4.3	1.6	0.2	0.0	5.9	3	
8	14	-8	0	0	0	-0	-0	2.8	1.0	0.1	0.0	3.8	3	
9	14	18	-0	-0	0	0	0	5.9	2.1	0.3	0.0	8.0	3	
2	27	6	-0	-0	0	0	0	2.0	0.4	0.1	0.0	2.5	3	
7	27	-13	0	0	0	-0	-0	4.3	0.7	0.2	0.0	5.0	3	
8	27	-8	0	0	0	-0	-0	2.7	0.6	0.1	0.0	3.4	3	
9	27	18	-0	-0	0	0	0	5.9	0.9	0.3	0.0	6.9	3	

ASTA NUM. 433 NI 4803 NF 4997 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	9	-0	0	0	0	0	3.1	2.1	0.2	0.0	5.2	3	
7	0	-17	1	-0	0	-0	-0	5.5	4.1	0.4	0.0	9.6	3	
8	0	-14	0	-0	0	-0	-0	4.7	2.9	0.2	0.0	7.6	3	
9	0	22	-1	0	0	0	0	7.2	5.6	0.5	0.0	12.8	3	
2	14	10	-0	0	0	0	0	3.2	1.2	0.2	0.0	4.4	3	
7	14	-16	1	-0	0	-0	-0	5.4	1.9	0.4	0.0	7.3	3	
8	14	-14	0	-0	0	-0	-0	4.5	1.6	0.2	0.0	6.2	3	
9	14	22	-1	0	0	0	0	7.4	2.6	0.5	0.0	10.0	3	
2	27	10	-0	0	0	0	0	3.4	0.0	0.2	0.0	3.4	2	
7	27	-16	1	-0	0	0	0	5.3	0.0	0.4	0.0	5.3	2	
8	27	-13	0	-0	0	0	-0	4.4	0.3	0.2	0.0	4.7	1	
9	27	23	-1	0	0	0	-0	7.5	0.3	0.5	0.0	7.8	1	

ASTA NUM. 411 NI 4954 NF 4653 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-29	-1	-0	0	0	-0	9.5	1.0	0.4	0.0	10.5	1
7	0	-5	0	0	0	0	-0	1.5	1.4	0.2	0.0	2.9	1
8	0	39	1	0	0	0	0	12.8	1.5	0.6	0.0	14.2	1
9	0	6	-0	-0	0	0	0	1.9	1.9	0.2	0.0	3.8	1
2	14	-28	-1	-0	0	0	-0	9.4	3.3	0.4	0.0	12.6	3
7	14	-4	0	0	0	-0	-0	1.4	0.5	0.2	0.0	1.9	3
8	14	39	1	0	0	0	-0	12.9	4.5	0.6	0.0	17.5	3
9	14	6	-0	-0	0	0	0	2.0	0.8	0.2	0.0	2.7	3
2	27	-28	-1	-0	0	0	-0	9.2	5.5	0.4	0.0	14.7	3
7	27	-4	0	0	0	-0	0	1.3	0.5	0.2	0.0	1.8	3
8	27	40	1	0	0	-0	0	13.1	7.6	0.6	0.0	20.7	3
9	27	6	-0	-0	0	0	-0	2.1	0.7	0.2	0.0	2.9	3

ASTA NUM. 274 NI 4653 NF 4651 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-18	-0	0	0	0	-0	5.8	1.2	0.2	0.0	7.0	3	
7	0	1	0	-0	0	-0	-0	0.3	0.4	0.1	0.0	0.7	3	
8	0	24	0	-0	0	-0	0	7.9	1.7	0.3	0.0	9.6	3	
9	0	-2	-0	0	0	0	0	0.5	0.6	0.1	0.0	1.1	3	
2	14	-18	-0	0	0	0	-0	5.8	2.1	0.2	0.0	7.8	3	
7	14	1	0	-0	0	-0	0	0.4	0.1	0.1	0.0	0.4	2	
8	14	24	0	-0	0	-0	0	8.0	2.8	0.3	0.0	10.8	3	
9	14	-1	-0	0	0	0	0	0.5	0.1	0.1	0.0	0.6	2	
2	27	-17	-0	0	0	0	-0	5.7	2.9	0.2	0.0	8.6	3	
7	27	1	0	-0	0	0	0	0.4	0.6	0.1	0.0	1.0	3	
8	27	24	0	-0	0	-0	0	8.0	4.0	0.3	0.0	12.0	3	
9	27	-1	-0	0	0	-0	-0	0.4	0.7	0.1	0.0	1.2	3	

ASTA NUM. 275 NI 4651 NF 4652 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-41	-2	-0	0	0	-0	13.4	2.3	1.1	0.0	15.8	3	
7	0	4	0	0	0	0	0	1.2	0.0	0.3	0.0	1.2	2	
8	0	56	2	0	0	-0	0	18.5	3.2	1.6	0.0	21.7	3	
9	0	-5	-0	-0	0	-0	0	1.6	0.0	0.4	0.0	1.7	2	
2	5	-41	-2	-0	0	0	-0	13.4	4.6	1.1	0.0	18.0	3	
7	5	4	0	0	0	-0	0	1.2	0.5	0.3	0.0	1.6	3	
8	5	56	2	0	0	-0	0	18.5	6.3	1.6	0.0	24.8	3	
9	5	-5	-0	-0	0	0	-0	1.6	0.6	0.4	0.0	2.2	3	
2	10	-41	-2	-0	0	0	-0	13.4	6.8	1.1	0.0	20.2	3	
7	10	4	0	0	0	-0	0	1.2	1.0	0.3	0.0	2.2	3	
8	10	56	2	0	0	-0	0	18.5	9.4	1.6	0.0	27.9	3	
9	10	-5	-0	-0	0	0	-0	1.5	1.4	0.4	0.0	2.9	3	

ASTA NUM. 272 NI 4652 NF 4654 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-280	-3	-0	0	0	-0	92.2	5.6	2.5	0.0	97.8	3	
7	0	2	0	-0	0	-0	0	0.6	0.2	0.0	0.0	0.8	2	
8	0	385	5	0	0	-0	0	126.6	7.7	3.5	0.0	134.3	3	
9	0	-3	-0	0	0	0	0	1.0	0.2	0.0	0.0	1.2	2	
2	27	-280	-3	-0	0	0	-1	92.1	31.0	2.5	0.0	123.1	3	
7	27	2	0	-0	0	-0	0	0.7	0.1	0.0	0.0	0.8	2	
8	27	385	5	0	0	-0	2	126.7	42.7	3.5	0.0	169.4	3	
9	27	-3	-0	0	0	0	-0	0.9	0.5	0.0	0.0	1.4	3	
2	55	-280	-3	-0	0	0	-2	92.0	56.5	2.5	0.0	148.5	3	
7	55	2	0	-0	0	-0	0	0.8	0.7	0.0	0.0	1.5	3	
8	55	385	5	0	0	-0	3	126.8	77.7	3.5	0.0	204.4	3	
9	55	-2	-0	0	0	0	-0	0.8	0.9	0.0	0.0	1.7	3	

ASTA NUM. 273 NI 4654 NF 4649 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-704	-3	0	0	0	-2	231.7	54.8	2.3	0.0	286.5	3	
7	0	-12	-0	-0	0	-0	0	3.8	1.1	0.2	0.0	4.9	3	

8	0	968	4	-0	0	-0	3	318.4	75.4	3.1	0.0	393.8	3
9	0	15	0	0	0	0	-0	5.0	1.4	0.3	0.0	6.5	3
2	27	-704	-3	0	0	-0	-3	231.6	77.2	2.3	0.0	308.9	3
7	27	-11	-0	-0	0	0	-0	3.7	1.4	0.2	0.0	5.1	3
8	27	968	4	-0	0	0	4	318.5	106.2	3.1	0.0	424.7	3
9	27	16	0	0	0	-0	0	5.1	2.0	0.3	0.0	7.1	3
2	55	-704	-3	0	0	-0	-4	231.5	100.4	2.3	0.0	331.9	3
7	55	-11	-0	-0	0	0	-0	3.6	3.9	0.2	0.0	7.5	3
8	55	968	4	-0	0	0	5	318.6	138.1	3.1	0.0	456.6	3
9	55	16	0	0	0	-0	0	5.2	5.4	0.3	0.0	10.6	3

ASTA NUM. 276 NI 4649 NF 4650 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-911	-4	-1	0	-0	-3	299.7	95.3	2.7	0.0	395.1	3	
7	0	-61	0	1	0	0	-0	19.9	7.2	0.5	0.0	27.2	3	
8	0	1252	5	1	0	0	5	411.8	131.1	3.7	0.0	542.9	3	
9	0	83	-0	-1	0	-0	0	27.3	10.0	0.8	0.0	37.3	3	
2	5	-911	-4	-1	0	0	-4	299.7	100.8	2.7	0.0	400.5	3	
7	5	-61	0	1	0	-0	-0	19.9	7.1	0.5	0.0	27.0	3	
8	5	1252	5	1	0	-0	5	412.0	138.5	3.7	0.0	550.5	3	
9	5	83	-0	-1	0	0	0	27.4	9.8	0.8	0.0	37.2	3	
2	10	-911	-4	-1	0	0	-4	299.7	107.1	2.7	0.0	406.8	3	
7	10	-60	0	1	0	-0	-0	19.9	7.9	0.5	0.0	27.8	3	
8	10	1253	5	1	0	-0	5	412.2	147.0	3.7	0.0	559.2	3	
9	10	83	-0	-1	0	0	0	27.4	11.1	0.8	0.0	38.5	3	

ASTA NUM. 265 NI 4650 NF 4595 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-962	-1	2	0	0	-4	316.3	103.6	1.7	0.0	419.9	3	
7	0	-138	-2	-2	0	-0	-0	45.4	9.5	1.4	0.0	54.8	3	
8	0	1321	1	-3	0	-0	5	434.5	142.2	2.2	0.0	576.8	3	
9	0	189	3	3	0	0	0	62.1	13.2	1.9	0.0	75.3	3	
2	14	-961	-1	2	0	-0	-4	316.2	111.7	1.7	0.0	428.0	3	
7	14	-138	-2	-2	0	0	-1	45.3	20.3	1.4	0.0	65.6	3	
8	14	1321	1	-3	0	0	5	434.5	153.3	2.2	0.0	587.9	3	
9	14	189	3	3	0	-0	1	62.1	28.0	1.9	0.0	90.2	3	
2	27	-961	-1	2	0	-1	-4	316.2	124.1	1.7	0.0	440.3	3	
7	27	-138	-2	-2	0	0	-1	45.3	34.0	1.4	0.0	79.2	3	
8	27	1321	1	-3	0	1	6	434.5	169.9	2.2	0.0	604.4	3	
9	27	189	3	3	0	-1	1	62.2	47.2	1.9	0.0	109.4	3	

ASTA NUM. 334 NI 4595 NF 4593 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-890	2	-8	0	-1	-4	292.8	119.6	5.9	0.0	412.5	3	
7	0	-342	-4	7	0	0	-1	112.5	36.0	5.1	0.0	148.5	3	
8	0	1220	-3	10	0	1	5	401.3	163.9	7.7	0.0	565.2	3	
9	0	467	5	-10	0	-1	1	153.5	50.3	7.4	0.0	203.8	3	
2	14	-890	2	-8	0	1	-4	292.8	112.6	5.9	0.0	405.3	3	
7	14	-342	-4	7	0	-1	-1	112.4	51.5	5.1	0.0	163.9	3	
8	14	1220	-3	10	0	-1	5	401.5	153.3	7.7	0.0	554.7	3	
9	14	467	5	-10	0	1	2	153.6	71.6	7.4	0.0	225.2	3	
2	27	-890	2	-8	0	2	-3	292.7	134.8	5.9	0.0	427.5	3	
7	27	-342	-4	7	0	-1	-2	112.4	90.6	5.1	0.0	202.9	3	
8	27	1221	-3	10	0	-2	5	401.6	181.6	7.7	0.0	583.2	3	
9	27	467	5	-10	0	2	3	153.6	126.9	7.4	0.0	280.5	3	

ASTA NUM. 335 NI 4593 NF 4594 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-339	3	-7	0	-2	-2	111.4	93.3	5.5	0.0	204.7	3	
7	0	-887	-2	7	0	2	-3	291.9	130.8	5.4	0.0	422.7	3	
8	0	468	-5	10	0	2	3	154.1	125.9	7.2	0.0	279.9	3	
9	0	1223	3	-11	0	-2	5	402.3	183.5	7.9	0.0	585.8	3	

2	14	-339	3	-7	0	-1	-1	111.4	52.4	5.5	0.0	163.8	3
7	14	-887	-2	7	0	1	-4	291.8	111.0	5.4	0.0	402.8	3
8	14	469	-5	10	0	1	2	154.1	71.2	7.2	0.0	225.3	3
9	14	1223	3	-11	0	-1	5	402.3	154.1	7.9	0.0	556.4	3
2	27	-338	3	-7	0	0	-1	111.3	36.8	5.5	0.0	148.1	3
7	27	-887	-2	7	0	-1	-4	291.8	118.9	5.4	0.0	410.7	3
8	27	469	-5	10	0	-1	1	154.2	49.9	7.2	0.0	204.1	3
9	27	1223	3	-11	0	1	5	402.3	164.1	7.9	0.0	566.4	3

ASTA NUM. 269 NI 4594 NF 4799 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-137	2	2	0	0	-1	45.1	34.5	1.4	0.0	79.6	3	
7	0	-961	1	-2	0	-1	-4	316.0	123.2	1.6	0.0	439.2	3	
8	0	188	-3	-3	0	-1	1	62.0	46.9	1.9	0.0	108.9	3	
9	0	1321	-1	3	0	1	6	434.5	170.2	2.2	0.0	604.7	3	
2	14	-137	2	2	0	0	-1	45.0	20.4	1.4	0.0	65.5	3	
7	14	-961	1	-2	0	-0	-4	316.0	111.4	1.6	0.0	427.4	3	
8	14	189	-3	-3	0	-0	1	62.1	27.9	1.9	0.0	90.0	3	
9	14	1321	-1	3	0	0	5	434.5	153.4	2.2	0.0	588.0	3	
2	27	-137	2	2	0	-0	-0	45.0	9.7	1.4	0.0	54.6	3	
7	27	-960	1	-2	0	0	-4	315.9	103.4	1.6	0.0	419.3	3	
8	27	189	-3	-3	0	0	0	62.1	13.1	1.9	0.0	75.2	3	
9	27	1321	-1	3	0	-0	5	434.5	142.3	2.2	0.0	576.9	3	

ASTA NUM. 268 NI 4799 NF 4796 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-60	-0	-1	0	-0	-0	19.8	8.1	0.6	0.0	27.9	3	
7	0	-911	4	1	0	0	-4	299.7	106.9	2.7	0.0	406.6	3	
8	0	83	0	1	0	0	0	27.2	10.9	0.8	0.0	38.1	3	
9	0	1253	-5	-1	0	-0	5	412.2	147.1	3.7	0.0	559.3	3	
2	5	-60	-0	-1	0	-0	-0	19.8	7.1	0.6	0.0	26.9	3	
7	5	-911	4	1	0	0	-4	299.7	100.7	2.7	0.0	400.4	3	
8	5	83	0	1	0	0	0	27.2	9.7	0.8	0.0	37.0	3	
9	5	1253	-5	-1	0	-0	5	412.2	138.6	3.7	0.0	550.7	3	
2	10	-60	-0	-1	0	0	-0	19.8	7.2	0.6	0.0	27.0	3	
7	10	-911	4	1	0	-0	-3	299.7	95.4	2.7	0.0	395.0	3	
8	10	83	0	1	0	-0	0	27.3	10.0	0.8	0.0	37.2	3	
9	10	1253	-5	-1	0	0	5	412.2	131.1	3.7	0.0	543.2	3	

ASTA NUM. 271 NI 4796 NF 4797 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	0	0	0	0	-0	3.9	3.9	0.2	0.0	7.8	3	
7	0	-705	3	-0	0	-0	-4	231.8	100.4	2.3	0.0	332.3	3	
8	0	15	-0	-0	0	-0	0	5.0	5.4	0.3	0.0	10.4	3	
9	0	968	-4	0	0	0	5	318.4	138.1	3.1	0.0	456.5	3	
2	27	-11	0	0	0	0	-0	3.8	1.4	0.2	0.0	5.2	3	
7	27	-704	3	-0	0	0	-3	231.7	77.3	2.3	0.0	309.0	3	
8	27	16	-0	-0	0	-0	0	5.1	2.0	0.3	0.0	7.1	3	
9	27	968	-4	0	0	-0	4	318.5	106.2	3.1	0.0	424.7	3	
2	55	-11	0	0	0	-0	0	3.7	1.0	0.2	0.0	4.7	3	
7	55	-704	3	-0	0	0	-2	231.6	54.9	2.3	0.0	286.6	3	
8	55	16	-0	-0	0	0	-0	5.2	1.4	0.3	0.0	6.6	3	
9	55	969	-4	0	0	-0	3	318.6	75.4	3.1	0.0	394.1	3	

ASTA NUM. 270 NI 4797 NF 4798 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	1	-0	0	0	-0	0	0.5	0.6	0.0	0.0	1.1	3	
7	0	-281	3	0	0	0	-2	92.3	56.5	2.5	0.0	148.9	3	
8	0	-3	0	-0	0	0	-0	1.0	0.9	0.0	0.0	1.8	3	
9	0	385	-5	-0	0	-0	3	126.6	77.7	3.5	0.0	204.4	3	
2	27	2	-0	0	0	-0	0	0.6	0.1	0.0	0.0	0.7	2	
7	27	-280	3	0	0	0	-1	92.2	31.1	2.5	0.0	123.3	3	
8	27	-3	0	-0	0	0	-0	0.9	0.5	0.0	0.0	1.3	3	

9	27	385	-5	-0	0	-0	2	126.7	42.7	3.5	0.0	169.5	3
2	55	2	-0	0	0	-0	0	0.7	0.2	0.0	0.0	0.8	2
7	55	-280	3	0	0	0	-0	92.1	5.6	2.5	0.0	97.8	3
8	55	-2	0	-0	0	0	0	0.8	0.2	0.0	0.0	1.0	2
9	55	386	-5	-0	0	-0	0	126.8	7.7	3.5	0.0	134.6	3

ASTA NUM. 267 NI 4798 NF 4800 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	3	-0	-0	0	-0	0	1.1	1.0	0.3	0.0	2.0	3		
7	0	-41	2	0	0	0	-0	13.5	6.9	1.1	0.0	20.4	3		
8	0	-5	0	0	0	0	-0	1.5	1.4	0.4	0.0	2.9	3		
9	0	56	-2	-0	0	-0	0	18.5	9.4	1.6	0.0	27.9	3		
2	5	3	-0	-0	0	-0	0	1.1	0.4	0.3	0.0	1.5	3		
7	5	-41	2	0	0	0	-0	13.5	4.6	1.1	0.0	18.1	3		
8	5	-5	0	0	0	0	-0	1.5	0.6	0.4	0.0	2.1	3		
9	5	56	-2	-0	0	-0	0	18.5	6.3	1.6	0.0	24.8	3		
2	10	3	-0	-0	0	0	0	1.1	0.0	0.3	0.0	1.2	2		
7	10	-41	2	0	0	0	-0	13.5	2.4	1.1	0.0	15.8	3		
8	10	-5	0	0	0	-0	0	1.5	0.0	0.4	0.0	1.6	2		
9	10	56	-2	-0	0	-0	0	18.5	3.2	1.6	0.0	21.8	3		

ASTA NUM. 266 NI 4800 NF 4801 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	1	-0	0	0	0	0	0.2	0.5	0.1	0.0	0.7	3		
7	0	-18	0	-0	0	0	-0	5.9	2.9	0.2	0.0	8.8	3		
8	0	-1	0	-0	0	-0	-0	0.5	0.7	0.1	0.0	1.2	3		
9	0	24	-0	0	0	-0	0	7.9	4.0	0.3	0.0	11.9	3		
2	14	1	-0	0	0	-0	0	0.3	0.1	0.1	0.0	0.4	2		
7	14	-18	0	-0	0	0	-0	5.8	2.1	0.2	0.0	7.9	3		
8	14	-1	0	-0	0	0	0	0.4	0.1	0.1	0.0	0.5	2		
9	14	24	-0	0	0	-0	0	8.0	2.8	0.3	0.0	10.8	3		
2	27	1	-0	0	0	-0	-0	0.3	0.5	0.1	0.0	0.8	3		
7	27	-18	0	-0	0	0	-0	5.8	1.2	0.2	0.0	7.0	3		
8	27	-1	0	-0	0	0	0	0.4	0.6	0.1	0.0	1.0	3		
9	27	24	-0	0	0	-0	0	8.0	1.7	0.3	0.0	9.7	3		

ASTA NUM. 439 NI 4801 NF 5007 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-5	-0	-0	0	-0	0	1.7	0.5	0.2	0.0	2.1	3		
7	0	-29	1	0	0	0	-0	9.5	5.6	0.4	0.0	15.1	3		
8	0	6	0	0	0	0	-0	1.9	0.7	0.2	0.0	2.6	3		
9	0	39	-1	-0	0	-0	0	12.7	7.6	0.6	0.0	20.4	3		
2	14	-5	-0	-0	0	-0	-0	1.5	0.6	0.2	0.0	2.1	3		
7	14	-29	1	0	0	0	-0	9.4	3.3	0.4	0.0	12.7	3		
8	14	6	0	0	0	0	0	2.0	0.8	0.2	0.0	2.8	3		
9	14	39	-1	-0	0	-0	0	12.9	4.5	0.6	0.0	17.4	3		
2	27	-4	-0	-0	0	0	-0	1.4	1.4	0.2	0.0	2.8	1		
7	27	-28	1	0	0	0	-0	9.3	1.0	0.4	0.0	10.3	1		
8	27	7	0	0	0	0	0	2.2	1.9	0.2	0.0	4.1	1		
9	27	40	-1	-0	0	-0	0	13.0	1.4	0.6	0.0	14.4	1		

ASTA NUM. 412 NI 4953 NF 4952 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	9	1	-0	0	0	-0	2.8	0.9	0.4	0.0	3.7	1		
7	0	-19	-0	0	0	0	-0	6.1	1.1	0.2	0.0	7.2	1		
8	0	-13	-1	0	0	0	0	4.2	1.2	0.5	0.0	5.4	1		
9	0	25	0	-0	0	0	0	8.1	1.5	0.3	0.0	9.7	1		
2	14	9	1	-0	0	0	0	2.9	1.2	0.4	0.0	4.1	3		
7	14	-18	-0	0	0	-0	-0	6.0	2.1	0.2	0.0	8.1	3		
8	14	-12	-1	0	0	-0	-0	4.0	1.6	0.5	0.0	5.6	3		
9	14	25	0	-0	0	0	0	8.3	2.9	0.3	0.0	11.2	3		
2	27	9	1	-0	0	0	0	3.1	3.2	0.4	0.0	6.3	3		

7	27	-18	-0	0	0	-0	-0	5.9	3.1	0.2	0.0	9.0	3
8	27	-12	-1	0	0	-0	-0	3.9	4.5	0.5	0.0	8.4	3
9	27	26	0	-0	0	0	0	8.4	4.2	0.3	0.0	12.7	3

ASTA NUM. 279 NI 4952 NF 4648 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	9	0	0	0	0	0	2.9	0.3	0.1	0.0	3.2	2	
7	0	-10	-0	-0	0	-0	-0	3.1	0.8	0.1	0.0	3.9	3	
8	0	-12	-0	-0	0	-0	-0	4.0	0.8	0.2	0.0	4.8	3	
9	0	13	0	0	0	0	0	4.2	1.1	0.1	0.0	5.3	3	
2	14	9	0	0	0	0	0	2.9	1.2	0.1	0.0	4.1	3	
7	14	-9	-0	-0	0	-0	-0	3.1	1.1	0.1	0.0	4.2	3	
8	14	-12	-0	-0	0	-0	-0	4.0	1.6	0.2	0.0	5.6	3	
9	14	13	0	0	0	0	0	4.3	1.5	0.1	0.0	5.8	3	
2	27	9	0	0	0	0	0	3.0	1.8	0.1	0.0	4.7	3	
7	27	-9	-0	-0	0	-0	-0	3.0	1.4	0.1	0.0	4.5	3	
8	27	-12	-0	-0	0	-0	-0	4.0	2.4	0.2	0.0	6.4	3	
9	27	13	0	0	0	-0	0	4.3	1.9	0.1	0.0	6.3	3	

ASTA NUM. 278 NI 4648 NF 4645 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-3	-0	-0	0	0	0	0.8	0.0	0.1	0.0	0.8	2	
7	0	-12	-0	0	0	0	-0	3.9	0.9	0.2	0.0	4.8	3	
8	0	3	0	0	0	-0	0	1.1	0.0	0.1	0.0	1.1	2	
9	0	16	0	-0	0	-0	0	5.3	1.2	0.3	0.0	6.5	3	
2	5	-2	-0	-0	0	0	0	0.8	0.2	0.1	0.0	1.0	2	
7	5	-12	-0	0	0	-0	-0	3.9	1.4	0.2	0.0	5.3	3	
8	5	3	0	0	0	-0	0	1.1	0.5	0.1	0.0	1.7	3	
9	5	16	0	-0	0	0	0	5.4	1.9	0.3	0.0	7.3	3	
2	10	-2	-0	-0	0	0	-0	0.8	0.7	0.1	0.0	1.5	3	
7	10	-12	-0	0	0	-0	-0	3.9	1.9	0.2	0.0	5.8	3	
8	10	3	0	0	0	-0	0	1.1	0.9	0.1	0.0	2.1	3	
9	10	16	0	-0	0	0	0	5.4	2.6	0.3	0.0	8.0	3	

ASTA NUM. 281 NI 4645 NF 4646 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-240	-3	-0	0	0	-0	79.1	4.1	2.2	0.0	83.2	3	
7	0	-10	-0	-0	0	-0	-0	3.4	0.9	0.0	0.0	4.3	3	
8	0	330	4	0	0	-0	0	108.5	5.6	3.1	0.0	114.1	3	
9	0	14	0	0	0	0	0	4.5	1.2	0.1	0.0	5.7	3	
2	27	-240	-3	-0	0	0	-1	79.0	26.7	2.2	0.0	105.7	3	
7	27	-10	-0	-0	0	-0	-0	3.3	1.2	0.0	0.0	4.5	3	
8	27	330	4	0	0	-0	1	108.6	36.7	3.1	0.0	145.3	3	
9	27	14	0	0	0	0	0	4.6	1.7	0.1	0.0	6.3	3	
2	55	-240	-3	-0	0	0	-2	78.9	49.3	2.2	0.0	128.1	3	
7	55	-10	-0	-0	0	-0	-0	3.2	1.6	0.0	0.0	4.8	3	
8	55	330	4	0	0	-0	2	108.7	67.7	3.1	0.0	176.4	3	
9	55	14	0	0	0	0	0	4.7	2.1	0.1	0.0	6.8	3	

ASTA NUM. 280 NI 4646 NF 4647 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-678	-3	0	0	0	-2	222.9	49.9	2.5	0.0	272.8	3	
7	0	0	0	-0	0	-0	-0	0.0	1.6	0.2	0.0	1.6	3	
8	0	931	5	-0	0	-0	2	306.3	68.6	3.4	0.0	375.0	3	
9	0	-0	-0	0	0	0	0	0.1	2.3	0.2	0.0	2.4	3	
2	27	-677	-3	0	0	0	-3	222.8	74.3	2.5	0.0	297.2	3	
7	27	0	0	-0	0	0	0	0.1	0.3	0.2	0.0	0.5	2	
8	27	932	5	-0	0	-0	4	306.4	102.2	3.4	0.0	408.7	3	
9	27	-0	-0	0	0	-0	0	0.0	0.4	0.2	0.0	0.6	2	
2	55	-677	-3	0	0	-0	-4	222.7	99.4	2.5	0.0	322.2	3	
7	55	1	0	-0	0	0	0	0.2	2.2	0.2	0.0	2.4	3	
8	55	932	5	-0	0	0	5	306.5	136.8	3.4	0.0	443.3	3	
9	55	0	-0	0	0	-0	-0	0.1	3.0	0.2	0.0	3.1	3	

ASTA NUM. 277 NI 4647 NF 4644 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-970	1	-1	0	-0	-4	319.1	108.2	0.8	0.0	427.4	3	
7	0	43	-0	1	0	0	0	14.0	5.9	0.7	0.0	19.9	3	
8	0	1334	-1	1	0	0	5	438.8	148.8	1.1	0.0	587.7	3	
9	0	-58	1	-1	0	-0	-0	19.1	8.0	0.6	0.0	27.1	3	
2	5	-970	1	-1	0	0	-4	319.1	107.1	0.8	0.0	426.2	3	
7	5	43	-0	1	0	-0	0	14.0	5.4	0.7	0.0	19.4	3	
8	5	1334	-1	1	0	-0	5	439.0	147.8	1.1	0.0	586.7	3	
9	5	-58	1	-1	0	0	-0	19.0	6.8	0.6	0.0	25.9	3	
2	10	-970	1	-1	0	0	-4	319.1	106.6	0.8	0.0	425.7	3	
7	10	43	-0	1	0	-0	0	14.0	6.0	0.7	0.0	20.0	3	
8	10	1335	-1	1	0	-0	5	439.1	147.7	1.1	0.0	586.8	3	
9	10	-58	1	-1	0	0	-0	19.0	7.1	0.6	0.0	26.1	3	

ASTA NUM. 287 NI 4644 NF 4620 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1244	-7	2	0	0	-4	409.2	111.1	5.4	0.0	520.3	3	
7	0	145	4	-2	0	-0	-0	47.6	2.6	3.3	0.0	50.2	3	
8	0	1711	10	-3	0	-0	6	562.8	153.8	7.4	0.0	716.6	3	
9	0	-198	-6	3	0	0	0	65.0	2.6	4.5	0.0	67.6	5	
2	14	-1243	-7	2	0	-0	-5	409.0	141.3	5.4	0.0	550.3	3	
7	14	145	4	-2	0	0	1	47.6	22.7	3.3	0.0	70.3	3	
8	14	1711	10	-3	0	0	7	562.8	195.6	7.4	0.0	758.5	3	
9	14	-198	-6	3	0	-0	-1	65.0	29.7	4.5	0.0	94.7	3	
2	27	-1243	-7	2	0	-0	-6	408.9	174.7	5.4	0.0	583.5	3	
7	27	145	4	-2	0	1	1	47.7	47.9	3.3	0.0	95.6	3	
8	27	1711	10	-3	0	1	8	562.8	244.0	7.4	0.0	806.9	3	
9	27	-197	-6	3	0	-1	-2	64.9	62.0	4.5	0.0	126.9	3	

ASTA NUM. 288 NI 4620 NF 4621 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2212	-41	-6	0	-0	-3	727.6	102.0	30.2	0.0	829.6	3	
7	0	796	35	9	0	1	-2	262.0	57.3	25.7	0.0	319.3	3	
8	0	3045	56	11	0	1	5	1001.6	143.9	41.6	0.0	1145.5	3	
9	0	-1090	-48	-10	0	-1	2	358.6	75.0	35.3	0.0	433.6	3	
2	14	-2212	-41	-6	0	0	-9	727.5	254.0	30.2	0.0	981.4	3	
7	14	797	35	9	0	-1	3	262.0	106.1	25.7	0.0	368.1	3	
8	14	3045	56	11	0	-1	12	1001.6	355.8	41.6	0.0	1357.4	3	
9	14	-1090	-48	-10	0	1	-4	358.6	139.2	35.3	0.0	497.7	3	
2	27	-2211	-41	-6	0	1	-15	727.3	428.2	30.2	0.0	1155.5	3	
7	27	797	35	9	0	-2	8	262.1	269.5	25.7	0.0	531.6	3	
8	27	3045	56	11	0	-2	20	1001.6	605.7	41.6	0.0	1607.4	3	
9	27	-1090	-48	-10	0	2	-11	358.6	353.4	35.3	0.0	711.9	3	

ASTA NUM. 316 NI 4621 NF 4951 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	798	-35	-7	0	-1	8	262.6	256.7	25.8	0.0	519.3	3	
7	0	-2210	41	8	0	2	-14	727.0	440.9	30.1	0.0	1167.8	3	
8	0	-1103	48	12	0	3	-11	362.8	370.1	35.5	0.0	732.9	3	
9	0	3033	-56	-8	0	-2	20	997.7	589.0	41.3	0.0	1586.7	3	
2	14	798	-35	-7	0	-0	3	262.6	101.2	25.8	0.0	363.9	3	
7	14	-2210	41	8	0	1	-9	727.0	258.8	30.1	0.0	985.7	3	
8	14	-1102	48	12	0	1	-4	362.7	145.9	35.5	0.0	508.5	3	
9	14	3033	-56	-8	0	-1	12	997.7	349.1	41.3	0.0	1346.8	3	
2	27	799	-35	-7	0	0	-2	262.7	54.2	25.8	0.0	316.9	3	
7	27	-2210	41	8	0	-1	-3	727.0	104.9	30.1	0.0	831.9	3	
8	27	-1102	48	12	0	-1	2	362.5	78.3	35.5	0.0	440.8	3	
9	27	3033	-56	-8	0	1	5	997.7	140.6	41.3	0.0	1138.3	3	

ASTA NUM. 317 NI 4951 NF 4793 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	146	-4	2	0	0	1	47.9	45.1	3.3	0.0	93.1	3	
7	0	-1243	7	-2	0	-1	-6	408.9	177.5	5.3	0.0	586.4	3	
8	0	-202	6	-3	0	-1	-2	66.5	65.9	4.6	0.0	132.4	3	
9	0	1707	-10	2	0	1	8	561.5	240.1	7.3	0.0	801.6	3	
2	14	146	-4	2	0	0	1	48.0	21.7	3.3	0.0	69.7	3	
7	14	-1243	7	-2	0	-0	-5	408.9	142.2	5.3	0.0	551.1	3	
8	14	-202	6	-3	0	-0	-1	66.5	31.3	4.6	0.0	97.8	3	
9	14	1707	-10	2	0	0	7	561.5	194.0	7.3	0.0	755.5	3	
2	27	146	-4	2	0	-0	-0	48.0	1.6	3.3	0.0	49.7	5	
7	27	-1243	7	-2	0	0	-4	408.9	111.9	5.3	0.0	520.8	3	
8	27	-202	6	-3	0	0	0	66.4	3.3	4.6	0.0	69.7	3	
9	27	1707	-10	2	0	-0	6	561.5	152.7	7.3	0.0	714.2	3	

ASTA NUM. 284 NI 4793 NF 4794 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	43	0	-1	0	-0	0	14.3	5.2	0.4	0.0	19.5	3	
7	0	-970	-1	1	0	0	-4	319.0	107.4	0.8	0.0	426.3	3	
8	0	-60	-1	1	0	0	-0	19.9	8.3	0.9	0.0	28.2	3	
9	0	1332	1	-1	0	-0	5	438.2	146.5	1.1	0.0	584.7	3	
2	5	43	0	-1	0	-0	0	14.3	5.1	0.4	0.0	19.3	3	
7	5	-970	-1	1	0	0	-4	319.0	107.4	0.8	0.0	426.4	3	
8	5	-60	-1	1	0	0	-0	19.9	7.5	0.9	0.0	27.4	3	
9	5	1332	1	-1	0	-0	5	438.2	147.1	1.1	0.0	585.3	3	
2	10	43	0	-1	0	0	0	14.3	6.0	0.4	0.0	20.3	3	
7	10	-970	-1	1	0	-0	-4	318.9	108.2	0.8	0.0	427.1	3	
8	10	-60	-1	1	0	-0	-0	19.9	8.3	0.9	0.0	28.2	3	
9	10	1332	1	-1	0	0	5	438.2	148.6	1.1	0.0	586.8	3	

ASTA NUM. 282 NI 4794 NF 4795 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	0	-0	0	0	0	0	0.1	2.3	0.2	0.0	2.4	3	
7	0	-678	3	-0	0	-0	-4	222.9	99.4	2.5	0.0	322.2	3	
8	0	-1	0	-0	0	-0	-0	0.5	3.2	0.2	0.0	3.7	3	
9	0	930	-5	0	0	0	5	306.1	136.5	3.4	0.0	442.6	3	
2	27	1	-0	0	0	0	0	0.2	0.3	0.2	0.0	0.6	2	
7	27	-677	3	-0	0	0	-3	222.8	74.3	2.5	0.0	297.1	3	
8	27	-1	0	-0	0	-0	0	0.4	0.4	0.2	0.0	0.9	2	
9	27	931	-5	0	0	-0	4	306.2	102.1	3.4	0.0	408.3	3	
2	55	1	-0	0	0	-0	-0	0.3	1.6	0.2	0.0	1.9	3	
7	55	-677	3	-0	0	0	-2	222.7	49.9	2.5	0.0	272.6	3	
8	55	-1	0	-0	0	0	0	0.3	2.2	0.2	0.0	2.5	3	
9	55	931	-5	0	0	-0	2	306.2	68.6	3.4	0.0	374.9	3	

ASTA NUM. 283 NI 4795 NF 4792 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	-0	-0	3.4	1.5	0.0	0.0	5.0	3	
7	0	-240	3	0	0	0	-2	79.1	49.3	2.2	0.0	128.3	3	
8	0	14	-0	-0	0	0	0	4.5	2.1	0.1	0.0	6.6	3	
9	0	330	-4	-0	0	-0	2	108.5	67.7	3.1	0.0	176.2	3	
2	27	-10	0	0	0	-0	-0	3.3	1.2	0.0	0.0	4.6	3	
7	27	-240	3	0	0	0	-1	79.0	26.7	2.2	0.0	105.7	3	
8	27	14	-0	-0	0	0	0	4.6	1.7	0.1	0.0	6.2	3	
9	27	330	-4	-0	0	-0	1	108.6	36.7	3.1	0.0	145.3	3	
2	55	-10	0	0	0	-0	-0	3.2	0.9	0.0	0.0	4.1	3	
7	55	-240	3	0	0	0	-0	78.9	4.1	2.2	0.0	83.0	3	
8	55	14	-0	-0	0	0	0	4.7	1.2	0.1	0.0	5.9	3	
9	55	330	-4	-0	0	-0	0	108.7	5.7	3.1	0.0	114.3	3	

ASTA NUM. 285 NI 4792 NF 4790 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg		kg*m		kg/cmq							
2	0	-12	0	-0	0	-0	-0	4.0	1.9	0.2	0.0	5.9	3
7	0	-3	0	0	0	0	-0	0.9	0.7	0.1	0.0	1.6	3
8	0	16	-0	0	0	0	0	5.4	2.7	0.3	0.0	8.1	3
9	0	4	-0	-0	0	-0	0	1.2	1.0	0.1	0.0	2.1	3
2	5	-12	0	-0	0	-0	-0	4.0	1.4	0.2	0.0	5.4	3
7	5	-3	0	0	0	0	0	0.9	0.2	0.1	0.0	1.0	2
8	5	17	-0	0	0	0	0	5.4	1.9	0.3	0.0	7.4	3
9	5	4	-0	-0	0	-0	0	1.2	0.6	0.1	0.0	1.7	3
2	10	-12	0	-0	0	0	-0	3.9	0.9	0.2	0.0	4.8	3
7	10	-3	0	0	0	0	0	0.8	0.0	0.1	0.0	0.9	2
8	10	17	-0	0	0	-0	0	5.5	1.2	0.3	0.0	6.7	3
9	10	4	-0	-0	0	-0	0	1.2	0.0	0.1	0.0	1.2	2

ASTA NUM. 286 NI 4790 NF 4791 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-10	0	0	0	0	-0	3.2	1.4	0.1	0.0	4.7	3	
7	0	9	-0	-0	0	0	0	2.8	1.8	0.2	0.0	4.6	3	
8	0	13	-0	-0	0	-0	0	4.3	2.0	0.1	0.0	6.3	3	
9	0	-12	0	0	0	-0	-0	4.0	2.4	0.2	0.0	6.4	3	
2	14	-10	0	0	0	-0	-0	3.2	1.1	0.1	0.0	4.3	3	
7	14	9	-0	-0	0	0	0	2.9	1.2	0.2	0.0	4.0	3	
8	14	13	-0	-0	0	0	0	4.4	1.5	0.1	0.0	5.9	3	
9	14	-12	0	0	0	-0	-0	3.9	1.6	0.2	0.0	5.5	3	
2	27	-10	0	0	0	-0	-0	3.1	0.8	0.1	0.0	4.0	3	
7	27	9	-0	-0	0	0	0	2.9	0.3	0.2	0.0	3.2	2	
8	27	13	-0	-0	0	0	0	4.4	1.1	0.1	0.0	5.5	3	
9	27	-12	0	0	0	-0	-0	3.9	0.8	0.2	0.0	4.6	3	

ASTA NUM. 440 NI 4791 NF 5008 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-19	0	-0	0	-0	-0	6.4	3.2	0.2	0.0	9.6	3	
7	0	8	-1	0	0	0	0	2.6	3.2	0.4	0.0	5.8	3	
8	0	26	-0	0	0	0	0	8.4	4.4	0.3	0.0	12.8	3	
9	0	-12	1	-0	0	-0	-0	4.0	4.4	0.5	0.0	8.3	3	
2	14	-19	0	-0	0	-0	-0	6.3	2.2	0.2	0.0	8.4	3	
7	14	8	-1	0	0	0	0	2.8	1.1	0.4	0.0	3.9	3	
8	14	26	-0	0	0	0	0	8.6	3.0	0.3	0.0	11.6	3	
9	14	-12	1	-0	0	-0	-0	3.8	1.5	0.5	0.0	5.4	3	
2	27	-19	0	-0	0	0	-0	6.1	1.2	0.2	0.0	7.3	1	
7	27	9	-1	0	0	0	-0	2.9	1.0	0.4	0.0	3.9	1	
8	27	27	-0	0	0	0	0	8.7	1.6	0.3	0.0	10.3	1	
9	27	-11	1	-0	0	0	0	3.7	1.3	0.5	0.0	5.0	1	

ASTA NUM. 407 NI 4958 NF 4582 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-14	-1	0	0	0	0	4.7	0.4	0.4	0.0	5.0	1	
7	0	-9	0	0	0	0	-0	2.9	1.3	0.1	0.0	4.3	1	
8	0	19	1	-0	0	0	-0	6.1	0.5	0.5	0.0	6.6	1	
9	0	11	-0	-0	0	0	0	3.7	1.9	0.1	0.0	5.6	1	
2	14	-14	-1	0	0	-0	-0	4.5	1.5	0.4	0.0	6.0	3	
7	14	-9	0	0	0	-0	-0	2.8	1.1	0.1	0.0	3.9	3	
8	14	19	1	-0	0	0	0	6.3	2.1	0.5	0.0	8.3	3	
9	14	12	-0	-0	0	0	0	3.9	1.5	0.1	0.0	5.4	3	
2	27	-13	-1	0	0	-0	-0	4.4	3.4	0.4	0.0	7.8	3	
7	27	-8	0	0	0	-0	-0	2.7	0.8	0.1	0.0	3.5	3	
8	27	19	1	-0	0	0	0	6.4	4.6	0.5	0.0	11.0	3	
9	27	12	-0	-0	0	0	0	4.0	1.1	0.1	0.0	5.2	3	

ASTA NUM. 350 NI 4582 NF 4583 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-12	-0	0	0	-0	0	3.8	0.0	0.3	0.0	3.8	2
7	0	-1	0	-0	0	-0	0	0.4	0.3	0.0	0.0	0.7	2
8	0	16	0	-0	0	0	0	5.1	0.0	0.4	0.0	5.2	2
9	0	2	-0	0	0	0	0	0.5	0.7	0.0	0.0	1.2	3
2	14	-11	-0	0	0	-0	-0	3.7	1.3	0.3	0.0	5.0	3
7	14	-1	0	-0	0	-0	0	0.4	0.2	0.0	0.0	0.6	2
8	14	16	0	-0	0	0	0	5.2	1.7	0.4	0.0	6.9	3
9	14	2	-0	0	0	0	0	0.6	0.3	0.0	0.0	0.8	2
2	27	-11	-0	0	0	-0	-0	3.7	2.6	0.3	0.0	6.3	3
7	27	-1	0	-0	0	-0	0	0.3	0.1	0.0	0.0	0.4	2
8	27	16	0	-0	0	0	0	5.2	3.6	0.4	0.0	8.8	3
9	27	2	-0	0	0	0	0	0.6	0.1	0.0	0.0	0.7	2

ASTA NUM. 349 NI 4583 NF 4579 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-37	-2	-0	0	-0	-0	12.1	1.4	1.5	0.0	13.5	3	
7	0	-0	-0	0	0	-0	0	0.2	0.1	0.0	0.0	0.2	2	
8	0	51	3	0	0	0	0	16.6	1.9	2.0	0.0	18.5	3	
9	0	1	0	-0	0	0	0	0.2	0.1	0.1	0.0	0.3	2	
2	5	-37	-2	-0	0	0	-0	12.1	4.0	1.5	0.0	16.1	3	
7	5	-0	-0	0	0	-0	0	0.1	0.2	0.0	0.0	0.3	2	
8	5	51	3	0	0	-0	0	16.7	5.5	2.0	0.0	22.2	3	
9	5	1	0	-0	0	0	0	0.2	0.2	0.1	0.0	0.5	2	
2	10	-37	-2	-0	0	0	-0	12.1	6.8	1.5	0.0	18.9	3	
7	10	-0	-0	0	0	-0	0	0.1	0.2	0.0	0.0	0.4	2	
8	10	51	3	0	0	-0	0	16.7	9.4	2.0	0.0	26.1	3	
9	10	1	0	-0	0	0	0	0.3	0.3	0.1	0.0	0.6	2	

ASTA NUM. 352 NI 4579 NF 4580 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-278	-4	-0	0	0	-0	91.6	4.4	2.6	0.0	96.0	3	
7	0	-4	-0	-0	0	-0	0	1.3	0.2	0.0	0.0	1.6	2	
8	0	382	5	0	0	-0	0	125.7	6.1	3.6	0.0	131.8	3	
9	0	5	0	0	0	0	0	1.6	0.3	0.0	0.0	2.0	2	
2	27	-278	-4	-0	0	0	-1	91.5	30.8	2.6	0.0	122.3	3	
7	27	-4	-0	-0	0	-0	-0	1.2	0.5	0.0	0.0	1.8	3	
8	27	382	5	0	0	-0	2	125.8	42.3	3.6	0.0	168.2	3	
9	27	5	0	0	0	0	0	1.7	0.8	0.0	0.0	2.5	3	
2	55	-278	-4	-0	0	0	-2	91.4	57.1	2.6	0.0	148.5	3	
7	55	-3	-0	-0	0	-0	-0	1.1	0.7	0.0	0.0	1.8	3	
8	55	383	5	0	0	-0	3	125.9	78.6	3.6	0.0	204.5	3	
9	55	5	0	0	0	0	0	1.8	1.0	0.0	0.0	2.8	3	

ASTA NUM. 351 NI 4580 NF 4581 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-706	-3	0	0	0	-2	232.3	54.9	2.3	0.0	287.1	3	
7	0	-21	-0	-0	0	-0	0	7.0	0.5	0.3	0.0	7.4	3	
8	0	970	4	-0	0	-0	3	319.1	75.5	3.1	0.0	394.6	3	
9	0	29	0	0	0	0	-0	9.4	0.6	0.4	0.0	10.0	3	
2	27	-706	-3	0	0	0	-3	232.2	77.6	2.3	0.0	309.8	3	
7	27	-21	-0	-0	0	0	-0	6.9	2.7	0.3	0.0	9.6	3	
8	27	970	4	-0	0	-0	4	319.2	106.7	3.1	0.0	425.9	3	
9	27	29	0	0	0	-0	0	9.5	3.7	0.4	0.0	13.2	3	
2	55	-706	-3	0	0	-0	-4	232.1	100.6	2.3	0.0	332.7	3	
7	55	-21	-0	-0	0	0	-0	6.8	5.8	0.3	0.0	12.6	3	
8	55	971	4	-0	0	0	5	319.3	138.3	3.1	0.0	457.6	3	
9	55	29	0	0	0	-0	0	9.6	8.0	0.4	0.0	17.6	3	

ASTA NUM. 348 NI 4581 NF 4577 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-911	-4	-1	0	-0	-3	299.6	95.2	2.6	0.0	394.8	3	
7	0	-69	-0	1	0	0	-0	22.6	8.0	1.0	0.0	30.6	3	
8	0	1252	5	2	0	0	5	411.8	131.0	3.6	0.0	542.8	3	

9	0	94	0	-2	0	-0	0	31.0	11.0	1.5	0.0	42.0	3
2	5	-911	-4	-1	0	0	-4	299.6	101.4	2.6	0.0	400.9	3
7	5	-69	-0	1	0	-0	-0	22.6	8.6	1.0	0.0	31.2	3
8	5	1252	5	2	0	-0	5	411.8	139.2	3.6	0.0	551.1	3
9	5	94	0	-2	0	0	0	31.0	11.9	1.5	0.0	43.0	3
2	10	-911	-4	-1	0	0	-4	299.5	107.8	2.6	0.0	407.3	3
7	10	-69	-0	1	0	-0	-0	22.6	10.8	1.0	0.0	33.3	3
8	10	1252	5	2	0	-0	5	411.8	147.9	3.6	0.0	559.7	3
9	10	94	0	-2	0	0	0	31.0	15.1	1.5	0.0	46.2	3

ASTA NUM. 353 NI 4577 NF 4578 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-961	-1	3	0	0	-4	316.2	104.7	2.1	0.0	420.9	3			
7	0	-144	-2	-3	0	-0	-0	47.5	12.1	2.2	0.0	59.6	3			
8	0	1321	1	-4	0	-0	5	434.5	143.6	2.7	0.0	578.1	3			
9	0	198	2	4	0	0	0	65.0	17.0	3.2	0.0	82.0	3			
2	14	-961	-1	3	0	-0	-4	316.1	112.9	2.1	0.0	429.1	3			
7	14	-144	-2	-3	0	0	-1	47.5	23.9	2.2	0.0	71.4	3			
8	14	1321	1	-4	0	0	5	434.5	154.8	2.7	0.0	589.3	3			
9	14	198	2	4	0	-0	1	65.1	33.3	3.2	0.0	98.3	3			
2	27	-961	-1	3	0	-1	-4	316.1	127.4	2.1	0.0	443.5	3			
7	27	-144	-2	-3	0	1	-1	47.4	41.7	2.2	0.0	89.1	3			
8	27	1321	1	-4	0	1	6	434.5	173.9	2.7	0.0	608.4	3			
9	27	198	2	4	0	-1	1	65.1	58.3	3.2	0.0	123.4	3			

ASTA NUM. 337 NI 4578 NF 4592 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-884	2	-11	0	-1	-4	290.9	122.2	8.1	0.0	413.1	3			
7	0	-341	-3	12	0	1	-1	112.2	44.5	8.5	0.0	156.7	3			
8	0	1213	-3	14	0	1	5	399.0	166.9	10.6	0.0	565.9	3			
9	0	466	4	-17	0	-1	1	153.2	62.4	12.3	0.0	215.6	3			
2	14	-884	2	-11	0	1	-4	290.8	120.1	8.1	0.0	410.9	3			
7	14	-341	-3	12	0	-1	-1	112.1	61.0	8.5	0.0	173.1	3			
8	14	1213	-3	14	0	-1	5	399.0	162.9	10.6	0.0	561.9	3			
9	14	466	4	-17	0	1	2	153.3	85.5	12.3	0.0	238.8	3			
2	27	-884	2	-11	0	2	-3	290.8	154.1	8.1	0.0	444.8	3			
7	27	-341	-3	12	0	-2	-2	112.1	116.0	8.5	0.0	228.1	3			
8	27	1213	-3	14	0	-3	5	399.0	206.2	10.6	0.0	605.2	3			
9	27	466	4	-17	0	4	2	153.3	163.9	12.3	0.0	317.2	3			

ASTA NUM. 336 NI 4592 NF 4556 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-341	3	-12	0	-3	-2	112.1	119.6	9.0	0.0	231.7	3			
7	0	-882	-2	10	0	2	-3	290.3	149.6	7.7	0.0	439.8	3			
8	0	471	-4	16	0	3	2	154.9	160.0	11.7	0.0	314.9	3			
9	0	1216	3	-15	0	-3	5	400.0	211.2	11.1	0.0	611.2	3			
2	14	-341	3	-12	0	-1	-1	112.0	62.5	9.0	0.0	174.5	3			
7	14	-882	-2	10	0	1	-4	290.2	118.4	7.7	0.0	408.6	3			
8	14	471	-4	16	0	1	2	154.9	84.3	11.7	0.0	239.2	3			
9	14	1216	3	-15	0	-1	5	400.0	164.9	11.1	0.0	564.9	3			
2	27	-340	3	-12	0	1	-1	112.0	45.7	9.0	0.0	157.7	3			
7	27	-882	-2	10	0	-1	-4	290.2	121.5	7.7	0.0	411.7	3			
8	27	471	-4	16	0	-1	1	155.0	61.7	11.7	0.0	216.7	3			
9	27	1216	3	-15	0	1	5	400.0	168.1	11.1	0.0	568.1	3			

ASTA NUM. 373 NI 4556 NF 4554 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-147	2	3	0	1	-1	48.3	42.7	2.3	0.0	91.1	3			
7	0	-961	1	-3	0	-1	-4	316.2	126.7	2.0	0.0	442.8	3			
8	0	202	-2	-4	0	-1	1	66.5	57.8	3.0	0.0	124.2	3			
9	0	1322	-1	4	0	1	6	434.9	175.3	2.9	0.0	610.2	3			
2	14	-147	2	3	0	0	-1	48.3	24.5	2.3	0.0	72.8	3			

7	14	-961	1	-3	0	-0	-4	316.1	112.7	2.0	0.0	428.8	3
8	14	202	-2	-4	0	-0	1	66.5	33.4	3.0	0.0	99.9	3
9	14	1322	-1	4	0	0	5	434.9	155.4	2.9	0.0	590.3	3
2	27	-147	2	3	0	-0	-0	48.2	12.7	2.3	0.0	60.9	3
7	27	-961	1	-3	0	0	-4	316.1	104.3	2.0	0.0	420.4	3
8	27	202	-2	-4	0	0	0	66.6	17.2	3.0	0.0	83.7	3
9	27	1322	-1	4	0	-0	5	434.9	143.8	2.9	0.0	578.6	3

ASTA NUM. 374 NI 4554 NF 4555 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-72	0	-1	0	-0	-0	23.5	11.4	0.9	0.0	34.9	3	
7	0	-906	4	1	0	0	-4	298.1	107.4	2.8	0.0	405.5	3	
8	0	98	-0	2	0	0	0	32.3	15.3	1.2	0.0	47.6	3	
9	0	1246	-5	-1	0	-0	5	409.9	148.0	3.8	0.0	557.8	3	
2	5	-71	0	-1	0	-0	-0	23.5	9.3	0.9	0.0	32.8	3	
7	5	-906	4	1	0	0	-4	298.0	101.0	2.8	0.0	399.1	3	
8	5	98	-0	2	0	0	0	32.3	12.6	1.2	0.0	44.9	3	
9	5	1246	-5	-1	0	-0	5	409.9	139.0	3.8	0.0	548.9	3	
2	10	-71	0	-1	0	0	-0	23.5	7.7	0.9	0.0	31.2	3	
7	10	-906	4	1	0	0	-3	298.0	94.6	2.8	0.0	392.7	3	
8	10	98	-0	2	0	-0	0	32.3	10.6	1.2	0.0	43.0	3	
9	10	1246	-5	-1	0	-0	5	409.9	130.1	3.8	0.0	540.0	3	

ASTA NUM. 371 NI 4555 NF 4557 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-12	0	0	0	0	-0	4.0	3.3	0.1	0.0	7.3	3	
7	0	-350	3	0	0	0	-4	115.1	96.2	2.0	0.0	211.3	3	
8	0	14	-0	-0	0	-0	0	4.7	4.6	0.1	0.0	9.3	3	
9	0	479	-4	-0	0	-0	5	157.5	132.3	2.7	0.0	289.8	3	
2	27	-12	0	0	0	0	-0	3.9	2.7	0.1	0.0	6.5	3	
7	27	-350	3	0	0	0	-3	115.0	76.1	2.0	0.0	191.1	3	
8	27	15	-0	-0	0	-0	0	4.8	3.7	0.1	0.0	8.5	3	
9	27	479	-4	-0	0	-0	4	157.6	104.6	2.7	0.0	262.2	3	
2	55	-11	0	0	0	0	-0	3.8	2.0	0.1	0.0	5.7	3	
7	55	-349	3	0	0	0	-2	114.9	55.9	2.0	0.0	170.8	3	
8	55	15	-0	-0	0	-0	0	4.9	2.7	0.1	0.0	7.6	3	
9	55	480	-4	-0	0	-0	3	157.7	76.9	2.7	0.0	234.6	3	

ASTA NUM. 372 NI 4557 NF 4553 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	0	0	0	-0	3.8	2.0	0.1	0.0	5.7	3	
7	0	-349	3	0	0	0	-2	114.9	55.9	2.0	0.0	170.8	3	
8	0	15	-0	-0	0	-0	0	4.9	2.7	0.1	0.0	7.6	3	
9	0	480	-4	-0	0	-0	3	157.7	76.9	2.7	0.0	234.6	3	
2	27	-11	0	0	0	0	-0	3.7	1.3	0.1	0.0	5.0	3	
7	27	-349	3	0	0	0	-1	114.8	35.8	2.0	0.0	150.6	3	
8	27	15	-0	-0	0	-0	0	5.0	1.8	0.1	0.0	6.8	3	
9	27	480	-4	-0	0	-0	2	157.8	49.2	2.7	0.0	207.0	3	
2	55	-11	0	0	0	0	-0	3.6	0.6	0.1	0.0	4.2	3	
7	55	-349	3	0	0	0	-1	114.7	15.7	2.0	0.0	130.4	3	
8	55	16	-0	-0	0	-0	0	5.1	0.8	0.1	0.0	5.9	3	
9	55	480	-4	-0	0	-0	1	157.9	21.5	2.7	0.0	179.4	3	

ASTA NUM. 375 NI 4553 NF 4551 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-11	0	0	0	0	-0	3.6	0.6	0.1	0.0	4.2	3	
7	0	-349	3	0	0	0	-1	114.7	15.7	2.0	0.0	130.4	3	
8	0	16	-0	-0	0	-0	0	5.1	0.8	0.1	0.0	5.9	3	
9	0	480	-4	-0	0	-0	1	157.9	21.5	2.7	0.0	179.4	3	
2	5	-11	0	0	0	0	-0	3.6	0.5	0.1	0.0	4.0	3	
7	5	-349	3	0	0	0	-0	114.7	12.0	2.0	0.0	126.7	3	
8	5	16	-0	-0	0	-0	0	5.1	0.6	0.1	0.0	5.8	3	
9	5	480	-4	-0	0	-0	1	157.9	16.4	2.7	0.0	174.4	3	

2	10	-11	0	0	0	0	0	3.5	0.1	0.1	0.0	3.6	2
7	10	-349	3	0	0	0	-0	114.7	8.3	2.0	0.0	123.0	3
8	10	16	-0	-0	0	-0	0	5.2	0.5	0.1	0.0	5.6	3
9	10	480	-4	-0	0	-0	0	158.0	11.4	2.7	0.0	169.3	3

ASTA NUM. 376 NI 4551 NF 4552 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-11	0	0	0	0	0	3.5	0.1	0.1	0.0	3.6	2		
7	0	-349	3	0	0	0	-0	114.7	8.3	2.0	0.0	123.0	3		
8	0	16	-0	-0	0	-0	0	5.2	0.5	0.1	0.0	5.6	3		
9	0	480	-4	-0	0	-0	0	158.0	11.4	2.7	0.0	169.3	3		
2	14	-11	0	0	0	0	0	3.5	0.1	0.1	0.0	3.6	2		
7	14	-348	3	0	0	0	0	114.6	1.9	2.0	0.0	116.5	3		
8	14	16	-0	-0	0	-0	0	5.2	0.1	0.1	0.0	5.3	2		
9	14	480	-4	-0	0	-0	-0	158.0	2.7	2.7	0.0	160.7	3		
2	27	-10	0	0	0	0	0	3.5	0.4	0.1	0.0	3.9	3		
7	27	-348	3	0	0	0	0	114.6	11.9	2.0	0.0	126.5	3		
8	27	16	-0	-0	0	-0	-0	5.3	0.6	0.1	0.0	5.9	3		
9	27	480	-4	-0	0	-0	-1	158.1	16.4	2.7	0.0	174.5	3		

ASTA NUM. 435 NI 4552 NF 5003 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-10	0	0	0	0	0	3.5	0.4	0.1	0.0	3.9	3		
7	0	-348	3	0	0	0	0	114.6	11.9	2.0	0.0	126.5	3		
8	0	16	-0	-0	0	-0	-0	5.3	0.6	0.1	0.0	5.9	3		
9	0	480	-4	-0	0	-0	-1	158.1	16.4	2.7	0.0	174.5	3		
2	14	-10	0	0	0	0	0	3.3	0.7	0.1	0.0	4.0	3		
7	14	-348	3	0	0	0	1	114.4	22.0	2.0	0.0	136.4	3		
8	14	16	-0	-0	0	-0	-0	5.4	1.0	0.1	0.0	6.4	3		
9	14	481	-4	-0	0	-0	-1	158.2	30.2	2.7	0.0	188.4	3		
2	27	-10	0	0	0	0	0	3.2	1.0	0.1	0.0	4.2	1		
7	27	-348	3	0	0	0	1	114.3	32.0	2.0	0.0	146.3	1		
8	27	17	-0	-0	0	0	-0	5.5	1.4	0.1	0.0	7.0	1		
9	27	481	-4	-0	0	0	-2	158.3	44.0	2.7	0.0	202.3	1		

ASTA NUM. 409 NI 4956 NF 4568 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	2	0	0	0	0	-0	0.7	1.4	0.3	0.0	2.2	1		
7	0	-31	-0	-0	0	0	-0	10.2	2.3	0.2	0.0	12.5	1		
8	0	-4	-1	-0	0	0	0	1.3	2.0	0.5	0.0	3.3	1		
9	0	42	0	0	0	0	0	13.7	3.2	0.3	0.0	16.9	1		
2	14	3	0	0	0	-0	0	0.9	0.5	0.3	0.0	1.3	5		
7	14	-31	-0	-0	0	0	-0	10.1	3.5	0.2	0.0	13.5	3		
8	14	-4	-1	-0	0	0	-0	1.2	0.6	0.5	0.0	1.8	5		
9	14	42	0	0	0	-0	0	13.8	4.8	0.3	0.0	18.6	3		
2	27	3	0	0	0	-0	0	1.0	2.4	0.3	0.0	3.4	3		
7	27	-30	-0	-0	0	0	-0	9.9	4.6	0.2	0.0	14.5	3		
8	27	-3	-1	-0	0	0	-0	1.0	3.3	0.5	0.0	4.3	3		
9	27	42	0	0	0	-0	0	14.0	6.3	0.3	0.0	20.3	3		

ASTA NUM. 362 NI 4568 NF 4569 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	6	0	-0	0	-0	0	2.1	0.3	0.1	0.0	2.4	2		
7	0	-14	-0	0	0	0	-0	4.6	1.4	0.1	0.0	6.0	3		
8	0	-9	-0	0	0	0	0	2.9	0.4	0.2	0.0	3.4	2		
9	0	19	0	-0	0	-0	0	6.3	1.9	0.1	0.0	8.1	3		
2	14	6	0	-0	0	-0	0	2.1	0.9	0.1	0.0	3.0	3		
7	14	-14	-0	0	0	0	-0	4.6	1.6	0.1	0.0	6.2	3		
8	14	-9	-0	0	0	0	-0	2.9	1.2	0.2	0.0	4.1	3		
9	14	19	0	-0	0	-0	0	6.3	2.2	0.1	0.0	8.5	3		
2	27	7	0	-0	0	-0	0	2.2	1.5	0.1	0.0	3.6	3		
7	27	-14	-0	0	0	-0	-0	4.5	1.9	0.1	0.0	6.4	3		

8 27 -9 -0 0 0 0 -0 2.8 2.0 0.2 0.0 4.9 3
 9 27 19 0 -0 0 0 0 6.4 2.6 0.1 0.0 9.0 3

ASTA NUM. 361 NI 4569 NF 4565 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-5	-0	0	0	-0	0	1.6	0.0	0.1	0.0	1.6	2	
7	0	-16	-0	-0	0	-0	-0	5.3	1.3	0.3	0.0	6.5	3	
8	0	6	0	-0	0	0	0	2.1	0.4	0.1	0.0	2.5	3	
9	0	22	0	0	0	0	0	7.2	1.8	0.3	0.0	9.0	3	
2	5	-5	-0	0	0	-0	-0	1.5	0.6	0.1	0.0	2.2	3	
7	5	-16	-0	-0	0	0	-0	5.2	1.9	0.3	0.0	7.1	3	
8	5	6	0	-0	0	0	0	2.1	0.9	0.1	0.0	3.0	3	
9	5	22	0	0	0	-0	0	7.2	2.5	0.3	0.0	9.8	3	
2	10	-5	-0	0	0	-0	-0	1.5	1.0	0.1	0.0	2.5	3	
7	10	-16	-0	-0	0	0	-0	5.2	2.4	0.3	0.0	7.6	3	
8	10	6	0	-0	0	0	0	2.1	1.3	0.1	0.0	3.5	3	
9	10	22	0	0	0	-0	0	7.2	3.3	0.3	0.0	10.6	3	

ASTA NUM. 364 NI 4565 NF 4566 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-242	-3	0	0	-0	-0	79.5	4.3	2.2	0.0	83.7	3	
7	0	-13	-0	0	0	0	-0	4.4	1.3	0.0	0.0	5.7	3	
8	0	332	4	-0	0	0	0	109.0	5.9	3.1	0.0	114.9	3	
9	0	18	0	-0	0	-0	0	5.8	1.8	0.0	0.0	7.6	3	
2	27	-241	-3	0	0	-0	-1	79.4	26.8	2.2	0.0	106.2	3	
7	27	-13	-0	0	0	0	-0	4.3	1.6	0.0	0.0	5.8	3	
8	27	332	4	-0	0	0	1	109.1	36.9	3.1	0.0	146.0	3	
9	27	18	0	-0	0	-0	0	5.9	2.1	0.0	0.0	8.0	3	
2	55	-241	-3	0	0	-0	-2	79.3	49.3	2.2	0.0	128.6	3	
7	55	-13	-0	0	0	0	-0	4.2	1.8	0.0	0.0	5.9	3	
8	55	332	4	-0	0	0	2	109.2	67.9	3.1	0.0	177.1	3	
9	55	18	0	-0	0	-0	0	6.0	2.4	0.0	0.0	8.4	3	

ASTA NUM. 363 NI 4566 NF 4567 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-677	-3	-0	0	-0	-2	222.8	49.9	2.5	0.0	272.7	3	
7	0	-0	0	0	0	0	-0	0.1	1.9	0.2	0.0	1.9	3	
8	0	931	5	0	0	0	2	306.2	68.7	3.4	0.0	374.8	3	
9	0	-0	-0	-0	0	-0	0	0.0	2.6	0.2	0.0	2.6	3	
2	27	-677	-3	-0	0	-0	-3	222.7	74.3	2.5	0.0	297.0	3	
7	27	0	0	0	0	-0	0	0.0	0.3	0.2	0.0	0.4	2	
8	27	931	5	0	0	0	4	306.3	102.2	3.4	0.0	408.4	3	
9	27	0	-0	-0	0	0	0	0.0	0.3	0.2	0.0	0.6	2	
2	55	-677	-3	-0	0	0	-4	222.6	99.3	2.5	0.0	322.0	3	
7	55	0	0	0	0	-0	0	0.1	2.4	0.2	0.0	2.5	3	
8	55	931	5	0	0	-0	5	306.4	136.6	3.4	0.0	443.0	3	
9	55	0	-0	-0	0	0	-0	0.1	3.3	0.2	0.0	3.4	3	

ASTA NUM. 360 NI 4567 NF 4563 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-969	1	1	0	0	-4	318.7	107.9	0.7	0.0	426.6	3	
7	0	45	-0	-1	0	-0	0	14.7	6.1	0.7	0.0	20.8	3	
8	0	1333	-1	-1	0	-0	5	438.5	148.4	1.0	0.0	586.9	3	
9	0	-61	1	1	0	0	-0	20.0	8.3	0.6	0.0	28.3	3	
2	5	-969	1	1	0	-0	-4	318.7	106.9	0.7	0.0	425.6	3	
7	5	45	-0	-1	0	0	0	14.7	5.6	0.7	0.0	20.3	3	
8	5	1333	-1	-1	0	0	5	438.5	147.5	1.0	0.0	586.0	3	
9	5	-61	1	1	0	-0	-0	20.0	7.1	0.6	0.0	27.1	3	
2	10	-969	1	1	0	-0	-4	318.7	106.5	0.7	0.0	425.2	3	
7	10	45	-0	-1	0	0	0	14.7	6.2	0.7	0.0	20.9	3	
8	10	1333	-1	-1	0	0	5	438.5	147.5	1.0	0.0	586.0	3	
9	10	-61	1	1	0	-0	-0	20.0	7.4	0.6	0.0	27.4	3	

ASTA NUM. 365 NI 4563 NF 4564 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1241	-7	-2	0	-0	-4	408.2	110.7	5.3	0.0	519.0	3	
7	0	149	5	2	0	0	-0	48.9	2.3	3.3	0.0	51.3	3	
8	0	1707	10	3	0	0	6	561.5	153.3	7.4	0.0	714.8	3	
9	0	-203	-6	-3	0	-0	0	66.9	2.2	4.6	0.0	69.1	5	
2	14	-1240	-7	-2	0	0	-5	408.1	140.8	5.3	0.0	548.9	3	
7	14	149	5	2	0	0	1	49.0	23.1	3.3	0.0	72.1	3	
8	14	1707	10	3	0	-0	7	561.5	195.0	7.4	0.0	756.5	3	
9	14	-203	-6	-3	0	0	-1	66.9	30.3	4.6	0.0	97.2	3	
2	27	-1240	-7	-2	0	0	-6	407.9	174.0	5.3	0.0	581.9	3	
7	27	149	5	2	0	-1	1	49.0	48.6	3.3	0.0	97.6	3	
8	27	1707	10	3	0	-1	8	561.5	243.1	7.4	0.0	804.6	3	
9	27	-203	-6	-3	0	1	-2	66.8	62.9	4.6	0.0	129.7	3	

ASTA NUM. 339 NI 4564 NF 4591 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2201	-41	6	0	0	-3	724.0	101.6	30.0	0.0	825.6	3	
7	0	807	35	-9	0	-1	-2	265.6	57.2	25.9	0.0	322.8	3	
8	0	3030	56	-10	0	-1	5	996.7	143.3	41.3	0.0	1140.0	3	
9	0	-1105	-48	10	0	1	2	363.5	74.9	35.6	0.0	438.4	3	
2	14	-2201	-41	6	0	-0	-9	724.0	252.2	30.0	0.0	976.2	3	
7	14	808	35	-9	0	1	3	265.6	107.2	25.9	0.0	372.8	3	
8	14	3030	56	-10	0	1	12	996.9	353.6	41.3	0.0	1350.4	3	
9	14	-1105	-48	10	0	-1	-4	363.5	140.5	35.6	0.0	504.0	3	
2	27	-2201	-41	6	0	-1	-14	724.0	424.5	30.0	0.0	1148.5	3	
7	27	808	35	-9	0	2	8	265.7	271.5	25.9	0.0	537.2	3	
8	27	3031	56	-10	0	2	20	997.0	601.0	41.3	0.0	1598.1	3	
9	27	-1105	-48	10	0	-2	-11	363.5	355.9	35.6	0.0	719.3	3	

ASTA NUM. 338 NI 4591 NF 4544 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	792	-35	7	0	1	8	260.5	254.2	25.6	0.0	514.7	3	
7	0	-2217	41	-8	0	-2	-15	729.3	442.0	30.3	0.0	1171.3	3	
8	0	-1094	48	-12	0	-2	-11	359.9	367.0	35.3	0.0	726.9	3	
9	0	3042	-56	8	0	2	20	1000.7	590.1	41.5	0.0	1590.8	3	
2	14	792	-35	7	0	0	3	260.5	100.1	25.6	0.0	360.6	3	
7	14	-2216	41	-8	0	-1	-9	729.1	259.4	30.3	0.0	988.5	3	
8	14	-1094	48	-12	0	-1	-4	359.9	144.5	35.3	0.0	504.3	3	
9	14	3042	-56	8	0	1	12	1000.8	349.8	41.5	0.0	1350.6	3	
2	27	792	-35	7	0	-0	-2	260.6	54.1	25.6	0.0	314.6	3	
7	27	-2216	41	-8	0	1	-3	728.9	104.9	30.3	0.0	833.8	3	
8	27	-1094	48	-12	0	1	2	359.9	78.1	35.3	0.0	437.9	3	
9	27	3043	-56	8	0	-1	5	1001.0	140.5	41.5	0.0	1141.5	3	

ASTA NUM. 384 NI 4544 NF 4542 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	143	-4	-2	0	-0	1	47.0	44.5	3.3	0.0	91.5	3	
7	0	-1247	7	2	0	1	-6	410.2	178.1	5.4	0.0	588.3	3	
8	0	-198	6	3	0	1	-2	65.2	65.1	4.5	0.0	130.3	3	
9	0	1712	-10	-2	0	-1	8	563.2	240.9	7.4	0.0	804.1	3	
2	14	143	-4	-2	0	-0	1	47.1	21.4	3.3	0.0	68.4	3	
7	14	-1247	7	2	0	0	-5	410.2	142.6	5.4	0.0	552.8	3	
8	14	-198	6	3	0	0	-1	65.2	30.8	4.5	0.0	96.0	3	
9	14	1712	-10	-2	0	-0	7	563.3	194.6	7.4	0.0	757.9	3	
2	27	143	-4	-2	0	0	-0	47.1	1.8	3.3	0.0	48.9	5	
7	27	-1247	7	2	0	-0	-4	410.2	112.0	5.4	0.0	522.2	3	
8	27	-198	6	3	0	-0	0	65.2	3.4	4.5	0.0	68.6	3	
9	27	1713	-10	-2	0	0	6	563.5	152.9	7.4	0.0	716.4	3	

ASTA NUM. 385 NI 4542 NF 4543 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota	
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	cm	kg			kg*m			kg/cmq							
2	0	41	0	1	0	0	0	13.5	4.9	0.4	0.0	18.4	3		
7	0	-973	-1	-1	0	-0	-4	320.1	107.8	0.8	0.0	428.0	3		
8	0	-57	-1	-1	0	-0	-0	18.8	7.9	0.9	0.0	26.7	3		
9	0	1337	1	1	0	0	5	439.8	147.1	1.0	0.0	586.9	3		
2	5	41	0	1	0	0	0	13.5	4.8	0.4	0.0	18.3	3		
7	5	-973	-1	-1	0	-0	-4	320.1	107.8	0.8	0.0	427.9	3		
8	5	-57	-1	-1	0	-0	-0	18.8	7.1	0.9	0.0	25.9	3		
9	5	1337	1	1	0	0	5	439.8	147.6	1.0	0.0	587.4	3		
2	10	41	0	1	0	-0	0	13.5	5.7	0.4	0.0	19.3	3		
7	10	-973	-1	-1	0	0	-4	320.1	108.4	0.8	0.0	428.5	3		
8	10	-57	-1	-1	0	0	-0	18.8	7.9	0.9	0.0	26.7	3		
9	10	1337	1	1	0	-0	5	439.8	149.0	1.0	0.0	588.8	3		

ASTA NUM. 382 NI 4543 NF 4545 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota	
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	cm	kg			kg*m			kg/cmq							
2	0	-2	-0	-0	0	-0	0	0.7	2.1	0.2	0.0	2.8	3		
7	0	-680	3	0	0	0	-4	223.8	99.8	2.5	0.0	323.6	3		
8	0	2	0	0	0	0	-0	0.7	2.9	0.2	0.0	3.6	3		
9	0	934	-5	-0	0	-0	5	307.3	137.2	3.4	0.0	444.5	3		
2	27	-2	-0	-0	0	-0	0	0.6	0.2	0.2	0.0	0.9	2		
7	27	-680	3	0	0	-0	-3	223.7	74.6	2.5	0.0	298.3	3		
8	27	2	0	0	0	0	0	0.8	0.3	0.2	0.0	1.2	2		
9	27	934	-5	-0	0	0	4	307.4	102.5	3.4	0.0	409.9	3		
2	55	-2	-0	-0	0	0	-0	0.5	2.0	0.2	0.0	2.5	3		
7	55	-680	3	0	0	-0	-2	223.6	50.1	2.5	0.0	273.7	3		
8	55	3	0	0	0	-0	0	0.9	2.7	0.2	0.0	3.6	3		
9	55	935	-5	-0	0	0	3	307.5	68.9	3.4	0.0	376.4	3		

ASTA NUM. 383 NI 4545 NF 4541 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota	
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	cm	kg			kg*m			kg/cmq							
2	0	-14	0	-0	0	0	-0	4.6	1.9	0.0	0.0	6.5	3		
7	0	-242	3	-0	0	-0	-2	79.6	49.5	2.2	0.0	129.1	3		
8	0	18	-0	0	0	-0	0	6.1	2.6	0.0	0.0	8.7	3		
9	0	332	-4	0	0	0	2	109.2	68.1	3.1	0.0	177.3	3		
2	27	-14	0	-0	0	0	-0	4.5	1.6	0.0	0.0	6.1	3		
7	27	-242	3	-0	0	-0	-1	79.5	26.9	2.2	0.0	106.4	3		
8	27	19	-0	0	0	-0	0	6.1	2.2	0.0	0.0	8.4	3		
9	27	332	-4	0	0	0	1	109.3	36.9	3.1	0.0	146.2	3		
2	55	-13	0	-0	0	0	-0	4.4	1.4	0.0	0.0	5.8	3		
7	55	-242	3	-0	0	-0	-0	79.4	4.2	2.2	0.0	83.7	3		
8	55	19	-0	0	0	-0	0	6.2	1.9	0.0	0.0	8.1	3		
9	55	333	-4	0	0	0	0	109.4	5.8	3.1	0.0	115.2	3		

ASTA NUM. 386 NI 4541 NF 4539 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota	
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	cm	kg			kg*m			kg/cmq							
2	0	-16	0	0	0	0	-0	5.3	2.4	0.3	0.0	7.7	3		
7	0	-4	0	-0	0	-0	-0	1.4	1.0	0.1	0.0	2.4	3		
8	0	22	-0	-0	0	-0	0	7.2	3.4	0.4	0.0	10.6	3		
9	0	6	-0	0	0	0	0	1.9	1.3	0.2	0.0	3.3	3		
2	5	-16	0	0	0	0	-0	5.3	1.9	0.3	0.0	7.2	3		
7	5	-4	0	-0	0	-0	-0	1.4	0.6	0.1	0.0	2.0	3		
8	5	22	-0	-0	0	-0	0	7.3	2.6	0.4	0.0	9.8	3		
9	5	6	-0	0	0	0	0	1.9	0.8	0.2	0.0	2.8	3		
2	10	-16	0	0	0	-0	-0	5.3	1.3	0.3	0.0	6.6	3		
7	10	-4	0	-0	0	-0	0	1.4	0.0	0.1	0.0	1.4	2		
8	10	22	-0	-0	0	0	0	7.3	1.8	0.4	0.0	9.1	3		
9	10	6	-0	0	0	0	0	2.0	0.3	0.2	0.0	2.3	3		

ASTA NUM. 387 NI 4539 NF 4540 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota	
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	cm	kg			kg*m			kg/cmq							

2	0	-14	0	-0	0	-0	-0	4.6	1.9	0.1	0.0	6.5	3	
7	0	7	-0	0	0	-0	0	2.3	1.6	0.1	0.0	3.8	3	
8	0	19	-0	0	0	0	0	6.2	2.6	0.1	0.0	8.8	3	
9	0	-10	0	-0	0	0	-0	3.2	2.1	0.2	0.0	5.4	3	
2	14	-14	0	-0	0	0	-0	4.6	1.6	0.1	0.0	6.2	3	
7	14	7	-0	0	0	-0	0	2.3	1.0	0.1	0.0	3.3	3	
8	14	19	-0	0	0	-0	0	6.3	2.2	0.1	0.0	8.5	3	
9	14	-10	0	-0	0	0	-0	3.2	1.3	0.2	0.0	4.5	3	
2	27	-14	0	-0	0	0	-0	4.5	1.3	0.1	0.0	5.9	3	
7	27	7	-0	0	0	-0	0	2.3	0.3	0.1	0.0	2.7	2	
8	27	19	-0	0	0	-0	0	6.3	1.8	0.1	0.0	8.1	3	
9	27	-10	0	-0	0	0	0	3.1	0.4	0.2	0.0	3.6	2	
ASTA NUM. 437 NI 4540 NF 5005 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m														
NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm		kg			kg*m				kg/cmq				
2	0	-30	0	0	0	0	-0	9.9	4.6	0.2	0.0	14.5	3	
7	0	4	-0	-0	0	-0	0	1.2	2.6	0.4	0.0	3.8	3	
8	0	40	-0	-0	0	-0	0	13.3	6.3	0.3	0.0	19.6	3	
9	0	-6	1	0	0	0	-0	2.0	3.6	0.5	0.0	5.6	3	
2	14	-30	0	0	0	0	-0	9.8	3.4	0.2	0.0	13.1	3	
7	14	4	-0	-0	0	-0	0	1.3	0.6	0.4	0.0	2.0	3	
8	14	41	-0	-0	0	-0	0	13.4	4.6	0.3	0.0	18.1	3	
9	14	-6	1	0	0	0	-0	1.9	0.9	0.5	0.0	2.7	3	
2	27	-29	0	0	0	0	-0	9.6	2.2	0.2	0.0	11.8	1	
7	27	4	-0	-0	0	0	-0	1.5	1.4	0.4	0.0	2.9	1	
8	27	41	-0	-0	0	0	0	13.6	3.0	0.3	0.0	16.6	1	
9	27	-5	1	0	0	0	0	1.7	1.9	0.5	0.0	3.6	1	
ASTA NUM. 408 NI 4957 NF 4588 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m														
NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm		kg			kg*m				kg/cmq				
2	0	5	0	-0	0	0	-0	1.6	1.0	0.3	0.0	2.6	1	
7	0	-33	-0	0	0	0	-0	11.0	2.3	0.3	0.0	13.3	1	
8	0	-8	-1	0	0	0	0	2.5	1.4	0.4	0.0	3.9	1	
9	0	45	0	-0	0	0	0	14.7	3.2	0.4	0.0	18.0	1	
2	14	5	0	-0	0	0	0	1.7	0.7	0.3	0.0	2.4	3	
7	14	-33	-0	0	0	-0	-0	10.8	3.7	0.3	0.0	14.5	3	
8	14	-7	-1	0	0	-0	-0	2.4	1.0	0.4	0.0	3.4	3	
9	14	45	0	-0	0	0	0	14.9	5.1	0.4	0.0	20.0	3	
2	27	6	0	-0	0	0	0	1.9	2.5	0.3	0.0	4.3	3	
7	27	-32	-0	0	0	-0	-0	10.7	5.1	0.3	0.0	15.8	3	
8	27	-7	-1	0	0	-0	-0	2.2	3.4	0.4	0.0	5.6	3	
9	27	46	0	-0	0	0	0	15.0	7.0	0.4	0.0	22.0	3	
ASTA NUM. 345 NI 4588 NF 4586 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m														
NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm		kg			kg*m				kg/cmq				
2	0	7	0	0	0	0	0	2.3	0.3	0.1	0.0	2.6	2	
7	0	-15	-0	-0	0	-0	-0	5.1	1.4	0.1	0.0	6.5	3	
8	0	-10	-0	-0	0	-0	0	3.3	0.4	0.2	0.0	3.7	2	
9	0	21	0	0	0	0	0	6.9	1.9	0.1	0.0	8.8	3	
2	14	7	0	0	0	0	0	2.4	0.9	0.1	0.0	3.3	3	
7	14	-15	-0	-0	0	-0	-0	5.0	1.8	0.1	0.0	6.8	3	
8	14	-10	-0	-0	0	-0	-0	3.2	1.3	0.2	0.0	4.5	3	
9	14	21	0	0	0	0	0	6.9	2.4	0.1	0.0	9.4	3	
2	27	7	0	0	0	-0	0	2.4	1.5	0.1	0.0	3.9	3	
7	27	-15	-0	-0	0	-0	-0	5.0	2.1	0.1	0.0	7.1	3	
8	27	-10	-0	-0	0	0	-0	3.2	2.0	0.2	0.0	5.2	3	
9	27	21	0	0	0	0	0	7.0	2.9	0.1	0.0	9.9	3	
ASTA NUM. 346 NI 4586 NF 4587 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m														
NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm		kg			kg*m				kg/cmq				
2	0	-4	-0	-0	0	-0	0	1.3	0.0	0.2	0.0	1.4	2	

7	0	-18	-0	0	0	-0	-0	5.8	1.3	0.3	0.0	7.1	3
8	0	5	0	0	0	0	0	1.8	0.0	0.2	0.0	1.8	2
9	0	24	1	-0	0	0	0	7.9	1.9	0.4	0.0	9.7	3
2	5	-4	-0	-0	0	0	-0	1.3	0.5	0.2	0.0	1.8	3
7	5	-17	-0	0	0	-0	-0	5.8	2.0	0.3	0.0	7.8	3
8	5	5	0	0	0	-0	0	1.8	0.7	0.2	0.0	2.5	3
9	5	24	1	-0	0	0	0	7.9	2.8	0.4	0.0	10.7	3
2	10	-4	-0	-0	0	0	-0	1.3	1.0	0.2	0.0	2.3	3
7	10	-17	-0	0	0	-0	-0	5.7	2.7	0.3	0.0	8.4	3
8	10	6	0	0	0	-0	0	1.8	1.4	0.2	0.0	3.2	3
9	10	24	1	-0	0	0	0	7.9	3.7	0.4	0.0	11.6	3

ASTA NUM. 343 NI 4587 NF 4589 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-240	-3	-0	0	0	-0	79.1	4.1	2.2	0.0	83.2	3	
7	0	-15	-0	-0	0	-0	-0	4.8	1.4	0.0	0.0	6.2	3	
8	0	330	4	0	0	-0	0	108.5	5.7	3.1	0.0	114.2	3	
9	0	19	0	0	0	0	0	6.4	2.0	0.0	0.0	8.4	3	
2	27	-240	-3	-0	0	0	-1	79.0	26.7	2.2	0.0	105.6	3	
7	27	-14	-0	-0	0	-0	-0	4.7	1.7	0.0	0.0	6.4	3	
8	27	330	4	0	0	-0	1	108.6	36.7	3.1	0.0	145.3	3	
9	27	20	0	0	0	0	0	6.5	2.3	0.0	0.0	8.8	3	
2	55	-240	-3	-0	0	0	-2	78.9	49.2	2.2	0.0	128.1	3	
7	55	-14	-0	-0	0	-0	-0	4.6	1.9	0.0	0.0	6.5	3	
8	55	330	4	0	0	-0	2	108.7	67.7	3.1	0.0	176.3	3	
9	55	20	0	0	0	0	0	6.6	2.6	0.0	0.0	9.2	3	

ASTA NUM. 344 NI 4589 NF 4584 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-676	-3	0	0	0	-2	222.4	49.8	2.5	0.0	272.2	3	
7	0	-1	0	-0	0	-0	-0	0.4	2.0	0.2	0.0	2.5	3	
8	0	929	5	-0	0	-0	2	305.6	68.4	3.4	0.0	374.1	3	
9	0	1	-0	0	0	0	0	0.4	2.8	0.3	0.0	3.2	3	
2	27	-676	-3	0	0	0	-3	222.3	74.2	2.5	0.0	296.5	3	
7	27	-1	0	-0	0	0	0	0.3	0.3	0.2	0.0	0.7	2	
8	27	929	5	-0	0	-0	4	305.7	102.0	3.4	0.0	407.7	3	
9	27	2	-0	0	0	-0	0	0.5	0.4	0.3	0.0	1.0	2	
2	55	-676	-3	0	0	-0	-4	222.2	99.2	2.5	0.0	321.4	3	
7	55	-1	0	-0	0	0	0	0.2	2.4	0.2	0.0	2.6	3	
8	55	930	5	-0	0	0	5	305.8	136.4	3.4	0.0	442.2	3	
9	55	2	-0	0	0	-0	-0	0.6	3.3	0.3	0.0	3.9	3	

ASTA NUM. 347 NI 4584 NF 4585 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-967	1	-1	0	-0	-4	318.2	107.8	0.7	0.0	426.0	3	
7	0	46	-0	1	0	0	0	15.0	6.1	0.7	0.0	21.1	3	
8	0	1331	-1	1	0	0	5	437.8	148.3	1.0	0.0	586.1	3	
9	0	-62	1	-1	0	-0	-0	20.4	8.4	0.6	0.0	28.8	3	
2	5	-967	1	-1	0	0	-4	318.2	106.6	0.7	0.0	424.8	3	
7	5	46	-0	1	0	-0	0	15.0	5.6	0.7	0.0	20.7	3	
8	5	1331	-1	1	0	-0	5	437.8	147.2	1.0	0.0	585.0	3	
9	5	-62	1	-1	0	0	-0	20.4	7.2	0.6	0.0	27.6	3	
2	10	-967	1	-1	0	0	-4	318.2	106.1	0.7	0.0	424.3	3	
7	10	46	-0	1	0	-0	0	15.0	6.3	0.7	0.0	21.4	3	
8	10	1331	-1	1	0	-0	5	437.8	147.0	1.0	0.0	584.8	3	
9	10	-62	1	-1	0	0	-0	20.4	7.6	0.6	0.0	28.0	3	

ASTA NUM. 342 NI 4585 NF 4590 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1241	-7	2	0	0	-4	408.2	110.3	5.4	0.0	518.5	3	
7	0	150	5	-2	0	-0	-0	49.3	2.2	3.3	0.0	51.5	3	
8	0	1707	10	-3	0	-0	5	561.5	152.8	7.4	0.0	714.3	3	
9	0	-205	-6	2	0	0	0	67.4	2.0	4.6	0.0	69.4	5	

2	14	-1241	-7	2	0	-0	-5	408.2	140.7	5.4	0.0	548.9	3
7	14	150	5	-2	0	0	1	49.3	23.0	3.3	0.0	72.4	3
8	14	1708	10	-3	0	0	7	561.7	194.9	7.4	0.0	756.6	3
9	14	-205	-6	2	0	-0	-1	67.3	30.2	4.6	0.0	97.5	3
2	27	-1241	-7	2	0	-0	-6	408.2	173.8	5.4	0.0	582.1	3
7	27	150	5	-2	0	1	1	49.4	48.3	3.3	0.0	97.7	3
8	27	1708	10	-3	0	1	8	561.8	242.9	7.4	0.0	804.8	3
9	27	-204	-6	2	0	-1	-2	67.3	62.4	4.6	0.0	129.7	3

ASTA NUM. 340 NI 4590 NF 4535 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2211	-41	-5	0	-0	-3	727.3	101.1	30.2	0.0	828.4	3	
7	0	807	35	9	0	1	-2	265.4	57.1	26.0	0.0	322.5	3	
8	0	3043	56	10	0	1	5	1001.0	142.8	41.5	0.0	1143.8	3	
9	0	-1105	-48	-9	0	-1	2	363.5	74.7	35.6	0.0	438.2	3	
2	14	-2210	-41	-5	0	0	-9	727.1	252.8	30.2	0.0	980.0	3	
7	14	807	35	9	0	-1	3	265.4	106.2	26.0	0.0	371.6	3	
8	14	3044	56	10	0	-1	12	1001.2	354.4	41.5	0.0	1355.5	3	
9	14	-1104	-48	-9	0	1	-4	363.3	139.2	35.6	0.0	502.5	3	
2	27	-2210	-41	-5	0	1	-15	727.0	425.3	30.2	0.0	1152.3	3	
7	27	807	35	9	0	-2	8	265.5	269.5	26.0	0.0	535.0	3	
8	27	3044	56	10	0	-2	20	1001.3	602.2	41.5	0.0	1603.5	3	
9	27	-1104	-48	-9	0	2	-11	363.2	353.1	35.6	0.0	716.2	3	

ASTA NUM. 390 NI 4535 NF 4533 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	794	-35	-6	0	-1	8	261.1	253.5	25.7	0.0	514.6	3	
7	0	-2223	41	8	0	2	-15	731.2	441.1	30.4	0.0	1172.4	3	
8	0	-1096	48	12	0	2	-11	360.5	366.2	35.5	0.0	726.7	3	
9	0	3051	-56	-8	0	-2	20	1003.6	589.1	41.7	0.0	1592.7	3	
2	14	794	-35	-6	0	-0	3	261.2	99.7	25.7	0.0	360.8	3	
7	14	-2223	41	8	0	1	-9	731.2	259.2	30.4	0.0	990.5	3	
8	14	-1096	48	12	0	1	-4	360.5	143.9	35.5	0.0	504.5	3	
9	14	3052	-56	-8	0	-1	12	1003.8	349.6	41.7	0.0	1353.4	3	
2	27	794	-35	-6	0	0	-2	261.2	54.2	25.7	0.0	315.4	3	
7	27	-2223	41	8	0	-0	-3	731.2	104.4	30.4	0.0	835.6	3	
8	27	-1096	48	12	0	-1	2	360.5	78.3	35.5	0.0	438.8	3	
9	27	3052	-56	-8	0	1	5	1003.9	139.8	41.7	0.0	1143.7	3	

ASTA NUM. 391 NI 4533 NF 4534 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	144	-4	2	0	0	1	47.4	44.4	3.3	0.0	91.8	3	
7	0	-1247	7	-2	0	-0	-6	410.2	177.7	5.4	0.0	587.9	3	
8	0	-200	6	-3	0	-1	-2	65.7	65.0	4.5	0.0	130.7	3	
9	0	1713	-10	2	0	1	8	563.5	240.3	7.4	0.0	803.8	3	
2	14	144	-4	2	0	0	1	47.4	21.3	3.3	0.0	68.8	3	
7	14	-1247	7	-2	0	-0	-5	410.2	142.5	5.4	0.0	552.7	3	
8	14	-200	6	-3	0	-0	-1	65.7	30.8	4.5	0.0	96.5	3	
9	14	1713	-10	2	0	0	7	563.5	194.4	7.4	0.0	757.9	3	
2	27	144	-4	2	0	-0	-0	47.5	1.7	3.3	0.0	49.2	5	
7	27	-1247	7	-2	0	0	-4	410.2	111.6	5.4	0.0	521.8	3	
8	27	-200	6	-3	0	0	0	65.6	3.4	4.5	0.0	69.0	3	
9	27	1713	-10	2	0	-0	6	563.5	152.4	7.4	0.0	715.9	3	

ASTA NUM. 368 NI 4534 NF 4558 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	42	0	-1	0	-0	0	13.7	5.1	0.4	0.0	18.7	3	
7	0	-973	-1	1	0	0	-4	320.0	107.4	0.8	0.0	427.3	3	
8	0	-58	-1	1	0	0	-0	19.1	8.1	0.9	0.0	27.1	3	
9	0	1336	1	-1	0	-0	5	439.5	146.5	1.1	0.0	586.0	3	
2	5	42	0	-1	0	-0	0	13.7	4.8	0.4	0.0	18.5	3	
7	5	-973	-1	1	0	0	-4	320.0	107.6	0.8	0.0	427.6	3	

8	5	-58	-1	1	0	0	-0	19.0	7.2	0.9	0.0	26.2	3
9	5	1336	1	-1	0	-0	5	439.5	147.4	1.1	0.0	586.8	3
2	10	42	0	-1	0	0	0	13.7	5.7	0.4	0.0	19.4	3
7	10	-973	-1	1	0	-0	-4	319.9	108.4	0.8	0.0	428.3	3
8	10	-58	-1	1	0	-0	-0	19.0	7.9	0.9	0.0	27.0	3
9	10	1336	1	-1	0	0	5	439.5	149.0	1.1	0.0	588.4	3

ASTA NUM. 370 NI 4558 NF 4559 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-4	-0	0	0	0	0	1.3	2.0	0.2	0.0	3.3	3	
7	0	-681	3	-0	0	-0	-4	224.1	99.8	2.5	0.0	324.0	3	
8	0	4	0	-0	0	-0	-0	1.4	2.8	0.2	0.0	4.3	3	
9	0	936	-5	0	0	0	5	307.8	137.2	3.4	0.0	445.0	3	
2	27	-4	-0	0	0	0	-0	1.2	0.7	0.2	0.0	1.9	3	
7	27	-681	3	-0	0	0	-3	224.0	74.8	2.5	0.0	298.8	3	
8	27	5	0	-0	0	-0	0	1.5	0.9	0.2	0.0	2.5	3	
9	27	936	-5	0	0	-0	4	307.9	102.8	3.4	0.0	410.7	3	
2	55	-3	-0	0	0	-0	-0	1.1	2.2	0.2	0.0	3.3	3	
7	55	-681	3	-0	0	0	-2	223.9	50.2	2.5	0.0	274.2	3	
8	55	5	0	-0	0	0	0	1.6	3.0	0.2	0.0	4.7	3	
9	55	936	-5	0	0	-0	3	308.0	69.1	3.4	0.0	377.1	3	

ASTA NUM. 369 NI 4559 NF 4560 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-16	0	0	0	-0	-0	5.2	2.1	0.0	0.0	7.3	3	
7	0	-241	3	0	0	0	-2	79.1	49.5	2.3	0.0	128.7	3	
8	0	21	-0	-0	0	0	0	6.9	2.9	0.1	0.0	9.7	3	
9	0	330	-4	-0	0	-0	2	108.6	68.1	3.1	0.0	176.6	3	
2	27	-15	0	0	0	-0	-0	5.1	1.8	0.0	0.0	6.8	3	
7	27	-240	3	0	0	0	-1	79.0	26.7	2.3	0.0	105.7	3	
8	27	21	-0	-0	0	0	0	6.9	2.4	0.1	0.0	9.4	3	
9	27	330	-4	-0	0	-0	1	108.6	36.7	3.1	0.0	145.3	3	
2	55	-15	0	0	0	-0	-0	5.0	1.5	0.0	0.0	6.4	3	
7	55	-240	3	0	0	0	-0	78.9	3.8	2.3	0.0	82.8	3	
8	55	21	-0	-0	0	0	0	7.0	2.0	0.1	0.0	9.0	3	
9	55	330	-4	-0	0	-0	0	108.7	5.3	3.1	0.0	114.0	3	

ASTA NUM. 367 NI 4560 NF 4561 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-18	0	-0	0	-0	-0	5.9	2.7	0.3	0.0	8.6	3	
7	0	-2	0	0	0	0	-0	0.7	0.8	0.2	0.0	1.5	3	
8	0	24	-1	0	0	0	0	8.1	3.7	0.4	0.0	11.8	3	
9	0	3	-0	-0	0	-0	0	0.9	1.1	0.3	0.0	2.0	3	
2	5	-18	0	-0	0	-0	-0	5.9	2.0	0.3	0.0	7.9	3	
7	5	-2	0	0	0	0	0	0.7	0.1	0.2	0.0	0.9	2	
8	5	25	-1	0	0	0	0	8.1	2.8	0.4	0.0	10.9	3	
9	5	3	-0	-0	0	-0	0	0.9	0.2	0.3	0.0	1.2	2	
2	10	-18	0	-0	0	-0	-0	5.9	1.4	0.3	0.0	7.2	3	
7	10	-2	0	0	0	-0	0	0.6	0.0	0.2	0.0	0.8	2	
8	10	25	-1	0	0	0	0	8.1	1.9	0.4	0.0	10.0	3	
9	10	3	-0	-0	0	0	-0	0.9	0.4	0.3	0.0	1.3	5	

ASTA NUM. 366 NI 4561 NF 4562 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-16	0	0	0	-0	-0	5.1	2.2	0.1	0.0	7.3	3	
7	0	10	-0	-0	0	-0	0	3.2	1.8	0.1	0.0	5.0	3	
8	0	21	-0	-0	0	0	0	6.9	3.0	0.1	0.0	9.9	3	
9	0	-14	0	0	0	0	-0	4.5	2.5	0.2	0.0	6.9	3	
2	14	-15	0	0	0	-0	-0	5.1	1.8	0.1	0.0	6.8	3	
7	14	10	-0	-0	0	0	0	3.2	1.2	0.1	0.0	4.4	3	
8	14	21	-0	-0	0	0	0	7.0	2.4	0.1	0.0	9.4	3	
9	14	-13	0	0	0	-0	-0	4.4	1.6	0.2	0.0	6.0	3	

2	27	-15	0	0	0	-0	-0	5.0	1.4	0.1	0.0	6.4	3
7	27	10	-0	-0	0	0	0	3.3	0.6	0.1	0.0	3.9	3
8	27	21	-0	-0	0	0	0	7.0	1.9	0.1	0.0	8.9	3
9	27	-13	0	0	0	-0	-0	4.4	0.9	0.2	0.0	5.3	3

ASTA NUM. 436 NI 4562 NF 5004 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-33	0	-0	0	-0	-0	10.7	5.1	0.3	0.0	15.8	3	
7	0	9	-1	0	0	0	0	2.8	3.4	0.4	0.0	6.2	3	
8	0	44	-1	0	0	0	0	14.4	7.0	0.4	0.0	21.4	3	
9	0	-13	1	-0	0	-0	-0	4.2	4.7	0.6	0.0	8.9	3	
2	14	-32	0	-0	0	-0	-0	10.6	3.6	0.3	0.0	14.2	3	
7	14	9	-1	0	0	0	0	3.0	1.1	0.4	0.0	4.1	3	
8	14	44	-1	0	0	0	0	14.5	5.0	0.4	0.0	19.5	3	
9	14	-12	1	-0	0	-0	-0	4.1	1.5	0.6	0.0	5.6	3	
2	27	-32	0	-0	0	0	-0	10.4	2.2	0.3	0.0	12.6	1	
7	27	9	-1	0	0	0	-0	3.1	1.2	0.4	0.0	4.3	1	
8	27	45	-1	0	0	0	0	14.7	3.0	0.4	0.0	17.7	1	
9	27	-12	1	-0	0	0	0	4.0	1.6	0.6	0.0	5.5	1	

ASTA NUM. 410 NI 4955 NF 4574 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-31	-1	0	0	0	-0	10.3	1.3	0.4	0.0	11.6	1	
7	0	-9	0	-0	0	0	-0	3.0	1.8	0.2	0.0	4.8	1	
8	0	42	1	-0	0	0	0	13.9	1.8	0.6	0.0	15.7	1	
9	0	12	-0	0	0	0	0	3.8	2.5	0.2	0.0	6.3	1	
2	14	-31	-1	0	0	-0	-0	10.2	3.5	0.4	0.0	13.7	3	
7	14	-9	0	-0	0	0	-0	2.8	1.0	0.2	0.0	3.9	3	
8	14	43	1	-0	0	0	0	14.0	4.9	0.6	0.0	18.9	3	
9	14	12	-0	0	0	-0	0	3.9	1.5	0.2	0.0	5.4	3	
2	27	-30	-1	0	0	-0	-0	10.0	5.8	0.4	0.0	15.8	3	
7	27	-8	0	-0	0	0	0	2.7	0.2	0.2	0.0	2.9	2	
8	27	43	1	-0	0	0	0	14.2	8.0	0.6	0.0	22.2	3	
9	27	12	-0	0	0	-0	0	4.1	0.3	0.2	0.0	4.3	2	

ASTA NUM. 357 NI 4574 NF 4572 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-19	-0	-0	0	-0	-0	6.1	1.3	0.2	0.0	7.4	3	
7	0	-1	0	0	0	0	-0	0.2	0.7	0.1	0.0	0.8	3	
8	0	25	0	0	0	0	0	8.4	1.8	0.3	0.0	10.2	3	
9	0	1	-0	-0	0	-0	0	0.2	0.9	0.1	0.0	1.1	3	
2	14	-18	-0	-0	0	-0	-0	6.1	2.1	0.2	0.0	8.2	3	
7	14	-0	0	0	0	0	0	0.1	0.1	0.1	0.0	0.3	2	
8	14	26	0	0	0	0	0	8.4	3.0	0.3	0.0	11.4	3	
9	14	1	-0	-0	0	-0	0	0.2	0.1	0.1	0.0	0.4	2	
2	27	-18	-0	-0	0	-0	-0	6.0	3.0	0.2	0.0	9.0	3	
7	27	-0	0	0	0	0	0	0.1	0.4	0.1	0.0	0.5	3	
8	27	26	0	0	0	0	0	8.5	4.1	0.3	0.0	12.6	3	
9	27	1	-0	-0	0	-0	-0	0.3	0.5	0.1	0.0	0.8	3	

ASTA NUM. 358 NI 4572 NF 4573 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-42	-2	0	0	-0	-0	13.7	2.4	1.1	0.0	16.1	3	
7	0	2	0	-0	0	0	0	0.7	0.0	0.3	0.0	0.8	2	
8	0	57	2	-0	0	0	0	18.8	3.3	1.6	0.0	22.2	3	
9	0	-3	-0	0	0	-0	0	1.0	0.3	0.4	0.0	1.4	5	
2	5	-42	-2	0	0	-0	-0	13.7	4.7	1.1	0.0	18.4	3	
7	5	2	0	-0	0	0	0	0.7	0.1	0.3	0.0	0.9	2	
8	5	57	2	-0	0	0	0	18.9	6.4	1.6	0.0	25.3	3	
9	5	-3	-0	0	0	-0	-0	1.0	0.5	0.4	0.0	1.4	5	
2	10	-42	-2	0	0	-0	-0	13.7	6.9	1.1	0.0	20.6	3	
7	10	2	0	-0	0	0	0	0.8	0.9	0.3	0.0	1.7	3	
8	10	57	2	-0	0	0	0	18.9	9.6	1.6	0.0	28.4	3	

9 10 -3 -0 0 0 -0 -0 0.9 1.2 0.4 0.0 2.2 3
ASTA NUM. 355 NI 4573 NF 4575 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-281	-3	0	0	-0	-0	92.4	5.7	2.5	0.0	98.0	3	
7	0	1	0	0	0	0	0	0.3	0.2	0.0	0.0	0.5	2	
8	0	386	5	-0	0	0	0	126.8	7.8	3.5	0.0	134.6	3	
9	0	-2	-0	-0	0	-0	0	0.6	0.6	0.1	0.0	1.2	3	
2	27	-280	-3	0	0	-0	-1	92.3	31.1	2.5	0.0	123.3	3	
7	27	1	0	0	0	0	0	0.4	0.2	0.0	0.0	0.6	2	
8	27	386	5	-0	0	0	2	126.9	42.8	3.5	0.0	169.7	3	
9	27	-2	-0	-0	0	-0	0	0.5	0.2	0.1	0.0	0.7	2	
2	55	-280	-3	0	0	-0	-2	92.2	56.5	2.5	0.0	148.7	3	
7	55	2	0	0	0	0	0	0.5	0.6	0.0	0.0	1.1	3	
8	55	386	5	-0	0	0	3	127.0	77.7	3.5	0.0	204.7	3	
9	55	-1	-0	-0	0	-0	-0	0.4	0.8	0.1	0.0	1.2	3	

ASTA NUM. 356 NI 4575 NF 4570 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-704	-3	-0	0	-0	-2	231.6	54.8	2.3	0.0	286.5	3	
7	0	-11	-0	0	0	0	0	3.7	1.0	0.2	0.0	4.7	3	
8	0	968	4	0	0	0	3	318.3	75.4	3.1	0.0	393.7	3	
9	0	15	0	-0	0	-0	-0	5.0	1.4	0.3	0.0	6.3	3	
2	27	-704	-3	-0	0	0	-3	231.5	77.2	2.3	0.0	308.8	3	
7	27	-11	-0	0	0	-0	-0	3.6	1.4	0.2	0.0	5.0	3	
8	27	968	4	0	0	-0	4	318.4	106.2	3.1	0.0	424.5	3	
9	27	15	0	-0	0	0	0	5.1	1.9	0.3	0.0	7.0	3	
2	55	-704	-3	-0	0	0	-4	231.4	100.3	2.3	0.0	331.8	3	
7	55	-11	-0	0	0	-0	-0	3.5	3.8	0.2	0.0	7.3	3	
8	55	968	4	0	0	-0	5	318.5	137.9	3.1	0.0	456.4	3	
9	55	16	0	-0	0	0	0	5.2	5.2	0.3	0.0	10.4	3	

ASTA NUM. 359 NI 4570 NF 4571 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-910	-4	1	0	0	-3	299.4	95.2	2.7	0.0	394.6	3	
7	0	-59	0	-1	0	-0	-0	19.5	7.2	0.5	0.0	26.7	3	
8	0	1251	5	-1	0	-0	5	411.5	130.9	3.7	0.0	542.4	3	
9	0	82	-0	1	0	0	0	26.8	9.9	0.8	0.0	36.7	3	
2	5	-910	-4	1	0	-0	-4	299.4	100.7	2.7	0.0	400.1	3	
7	5	-59	0	-1	0	0	-0	19.5	7.0	0.5	0.0	26.5	3	
8	5	1251	5	-1	0	0	5	411.5	138.3	3.7	0.0	549.8	3	
9	5	82	-0	1	0	-0	0	26.8	9.7	0.8	0.0	36.5	3	
2	10	-910	-4	1	0	-0	-4	299.4	106.9	2.7	0.0	406.3	3	
7	10	-59	0	-1	0	0	-0	19.5	7.8	0.5	0.0	27.3	3	
8	10	1251	5	-1	0	0	5	411.5	146.8	3.7	0.0	558.3	3	
9	10	82	-0	1	0	-0	0	26.9	10.9	0.8	0.0	37.8	3	

ASTA NUM. 354 NI 4571 NF 4576 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-960	-1	-2	0	-0	-4	315.8	103.4	1.6	0.0	419.2	3	
7	0	-136	-2	2	0	0	-0	44.9	9.4	1.4	0.0	54.3	3	
8	0	1319	1	3	0	0	5	433.9	141.9	2.1	0.0	575.8	3	
9	0	187	3	-3	0	-0	0	61.4	13.2	1.9	0.0	74.5	3	
2	14	-960	-1	-2	0	0	-4	315.8	111.4	1.6	0.0	427.2	3	
7	14	-136	-2	2	0	-0	-1	44.8	20.2	1.4	0.0	65.1	3	
8	14	1319	1	3	0	-0	5	433.9	152.9	2.1	0.0	586.8	3	
9	14	187	3	-3	0	0	1	61.4	28.0	1.9	0.0	89.4	3	
2	27	-960	-1	-2	0	1	-4	315.7	123.5	1.6	0.0	439.2	3	
7	27	-136	-2	2	0	-0	-1	44.8	34.1	1.4	0.0	78.8	3	
8	27	1319	1	3	0	-1	6	433.9	169.0	2.1	0.0	602.9	3	
9	27	187	3	-3	0	1	1	61.5	47.4	1.9	0.0	108.8	3	

ASTA NUM. 341 NI 4576 NF 4538 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-889	2	8	0	1	-4	292.3	119.0	5.7	0.0	411.4	3	
7	0	-340	-4	-7	0	-0	-1	111.9	36.2	5.2	0.0	148.2	3	
8	0	1218	-3	-10	0	-1	5	400.7	163.0	7.4	0.0	563.7	3	
9	0	464	5	10	0	1	1	152.8	50.5	7.6	0.0	203.3	3	
2	14	-889	2	8	0	-1	-4	292.3	111.9	5.7	0.0	404.2	3	
7	14	-340	-4	-7	0	1	-1	111.9	51.6	5.2	0.0	163.4	3	
8	14	1218	-3	-10	0	1	5	400.8	152.4	7.4	0.0	553.2	3	
9	14	465	5	10	0	-1	2	152.8	71.8	7.6	0.0	224.6	3	
2	27	-888	2	8	0	-2	-3	292.2	133.3	5.7	0.0	425.5	3	
7	27	-340	-4	-7	0	1	-2	111.8	91.2	5.2	0.0	203.1	3	
8	27	1219	-3	-10	0	2	5	401.0	179.5	7.4	0.0	580.5	3	
9	27	465	5	10	0	-2	3	152.9	127.8	7.6	0.0	280.6	3	

ASTA NUM. 388 NI 4538 NF 4536 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-339	3	7	0	2	-2	111.5	92.3	5.4	0.0	203.9	3	
7	0	-888	-2	-7	0	-2	-3	292.0	131.3	5.5	0.0	423.4	3	
8	0	469	-5	-10	0	-2	3	154.2	124.6	7.1	0.0	278.8	3	
9	0	1223	3	11	0	2	5	402.3	184.3	7.9	0.0	586.6	3	
2	14	-339	3	7	0	1	-1	111.5	52.1	5.4	0.0	163.6	3	
7	14	-888	-2	-7	0	-1	-4	292.0	111.2	5.5	0.0	403.2	3	
8	14	469	-5	-10	0	-1	2	154.3	70.7	7.1	0.0	225.0	3	
9	14	1224	3	11	0	1	5	402.5	154.4	7.9	0.0	556.9	3	
2	27	-339	3	7	0	-0	-1	111.4	36.7	5.4	0.0	148.2	3	
7	27	-888	-2	-7	0	1	-4	291.9	119.0	5.5	0.0	410.9	3	
8	27	469	-5	-10	0	1	1	154.3	49.8	7.1	0.0	204.1	3	
9	27	1224	3	11	0	-1	5	402.6	164.2	7.9	0.0	566.8	3	

ASTA NUM. 389 NI 4536 NF 4537 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-138	2	-2	0	-0	-1	45.3	34.5	1.4	0.0	79.8	3	
7	0	-962	1	2	0	1	-4	316.3	123.4	1.6	0.0	439.7	3	
8	0	190	-3	2	0	1	1	62.3	46.9	1.9	0.0	109.2	3	
9	0	1322	-1	-3	0	-1	6	434.9	170.4	2.2	0.0	605.3	3	
2	14	-138	2	-2	0	-0	-1	45.2	20.5	1.4	0.0	65.7	3	
7	14	-962	1	2	0	0	-4	316.3	111.5	1.6	0.0	427.8	3	
8	14	190	-3	2	0	0	1	62.4	28.0	1.9	0.0	90.4	3	
9	14	1322	-1	-3	0	-0	5	435.0	153.6	2.2	0.0	588.6	3	
2	27	-137	2	-2	0	0	-0	45.2	9.7	1.4	0.0	54.9	3	
7	27	-961	1	2	0	-0	-4	316.2	103.5	1.6	0.0	419.7	3	
8	27	190	-3	2	0	-0	0	62.4	13.2	1.9	0.0	75.6	3	
9	27	1323	-1	-3	0	0	5	435.2	142.4	2.2	0.0	577.6	3	

ASTA NUM. 379 NI 4537 NF 4546 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-61	-0	1	0	0	-0	20.1	8.1	0.6	0.0	28.2	3	
7	0	-912	4	-1	0	-0	-4	300.1	107.0	2.7	0.0	407.1	3	
8	0	84	0	-1	0	-0	0	27.6	11.0	0.7	0.0	38.6	3	
9	0	1254	-5	1	0	0	5	412.5	147.3	3.7	0.0	559.8	3	
2	5	-61	-0	1	0	0	-0	20.1	7.2	0.6	0.0	27.3	3	
7	5	-912	4	-1	0	-0	-4	300.1	100.8	2.7	0.0	400.9	3	
8	5	84	0	-1	0	-0	0	27.6	9.8	0.7	0.0	37.4	3	
9	5	1254	-5	1	0	0	5	412.5	138.7	3.7	0.0	551.2	3	
2	10	-61	-0	1	0	-0	-0	20.1	7.3	0.6	0.0	27.4	3	
7	10	-912	4	-1	0	0	-3	300.1	95.4	2.7	0.0	395.5	3	
8	10	84	0	-1	0	0	0	27.6	10.1	0.7	0.0	37.7	3	
9	10	1254	-5	1	0	-0	5	412.5	131.2	3.7	0.0	543.7	3	

ASTA NUM. 381 NI 4546 NF 4547 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
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cm		kg			kg*m			kg/cmq					
2	0	-13	0	-0	0	-0	-0	4.2	4.0	0.2	0.0	8.1	3
7	0	-706	3	0	0	0	-4	232.2	100.6	2.3	0.0	332.8	3
8	0	16	-0	0	0	0	0	5.4	5.5	0.3	0.0	10.9	3
9	0	969	-4	-0	0	-0	5	318.9	138.3	3.1	0.0	457.2	3
2	27	-12	0	-0	0	-0	-0	4.1	1.5	0.2	0.0	5.6	3
7	27	-706	3	0	0	0	-3	232.1	77.4	2.3	0.0	309.5	3
8	27	17	-0	0	0	0	0	5.5	2.1	0.3	0.0	7.6	3
9	27	970	-4	-0	0	-0	4	319.0	106.4	3.1	0.0	425.4	3
2	55	-12	0	-0	0	0	0	4.0	0.9	0.2	0.0	4.9	3
7	55	-705	3	0	0	-0	-2	232.0	55.0	2.3	0.0	286.9	3
8	55	17	-0	0	0	-0	-0	5.6	1.3	0.3	0.0	6.9	3
9	55	970	-4	-0	0	0	3	319.1	75.5	3.1	0.0	394.6	3

ASTA NUM. 380 NI 4547 NF 4548 Lungh. 54.8 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	0	-0	-0	0	0	0	0.1	0.5	0.0	0.0	0.6	3	
7	0	-281	3	-0	0	-0	-2	92.6	56.6	2.5	0.0	149.2	3	
8	0	-1	0	0	0	-0	-0	0.4	0.8	0.0	0.0	1.2	3	
9	0	386	-5	0	0	0	3	127.0	77.8	3.5	0.0	204.8	3	
2	27	1	-0	-0	0	0	0	0.2	0.2	0.0	0.0	0.4	2	
7	27	-281	3	-0	0	-0	-1	92.5	31.2	2.5	0.0	123.6	3	
8	27	-1	0	0	0	-0	0	0.3	0.2	0.0	0.0	0.6	2	
9	27	386	-5	0	0	0	2	127.1	42.8	3.5	0.0	169.9	3	
2	55	1	-0	-0	0	0	-0	0.3	0.5	0.0	0.0	0.8	3	
7	55	-281	3	-0	0	-0	-0	92.4	5.7	2.5	0.0	98.1	3	
8	55	-1	0	0	0	-0	0	0.2	0.6	0.0	0.0	0.9	3	
9	55	387	-5	0	0	0	0	127.2	7.8	3.5	0.0	134.9	3	

ASTA NUM. 378 NI 4548 NF 4549 Lungh. 10.0 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	2	-0	0	0	0	0	0.6	0.9	0.3	0.0	1.5	3	
7	0	-42	2	-0	0	-0	-0	13.8	7.0	1.1	0.0	20.7	3	
8	0	-3	0	-0	0	-0	-0	0.9	1.2	0.3	0.0	2.2	3	
9	0	57	-2	0	0	0	0	18.8	9.6	1.6	0.0	28.4	3	
2	5	2	-0	0	0	0	0	0.6	0.1	0.3	0.0	0.9	2	
7	5	-42	2	-0	0	-0	-0	13.8	4.7	1.1	0.0	18.5	3	
8	5	-3	0	-0	0	-0	-0	0.9	0.4	0.3	0.0	1.4	5	
9	5	57	-2	0	0	0	0	18.9	6.4	1.6	0.0	25.3	3	
2	10	2	-0	0	0	0	0	0.6	0.0	0.3	0.0	0.8	2	
7	10	-42	2	-0	0	-0	-0	13.7	2.4	1.1	0.0	16.2	3	
8	10	-3	0	-0	0	-0	0	0.9	0.3	0.3	0.0	1.3	5	
9	10	57	-2	0	0	0	0	18.9	3.3	1.6	0.0	22.2	3	

ASTA NUM. 377 NI 4549 NF 4550 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1	-0	-0	0	0	0	0.2	0.4	0.1	0.0	0.6	3	
7	0	-19	0	0	0	-0	-0	6.1	3.0	0.2	0.0	9.1	3	
8	0	0	0	0	0	-0	-0	0.2	0.5	0.1	0.0	0.7	3	
9	0	25	-0	-0	0	0	0	8.3	4.1	0.3	0.0	12.4	3	
2	14	-1	-0	-0	0	0	0	0.2	0.1	0.1	0.0	0.3	2	
7	14	-19	0	0	0	-0	-0	6.1	2.1	0.2	0.0	8.2	3	
8	14	1	0	0	0	-0	0	0.2	0.1	0.1	0.0	0.4	2	
9	14	25	-0	-0	0	0	0	8.3	2.9	0.3	0.0	11.3	3	
2	27	-0	-0	-0	0	0	-0	0.1	0.7	0.1	0.0	0.8	3	
7	27	-18	0	0	0	-0	-0	6.0	1.3	0.2	0.0	7.3	3	
8	27	1	0	0	0	-0	0	0.2	0.9	0.1	0.0	1.1	3	
9	27	25	-0	-0	0	0	0	8.4	1.7	0.3	0.0	10.1	3	

ASTA NUM. 438 NI 4550 NF 5006 Lungh. 27.4 cm SEZ. 2 Rc B= 0.040 H= 0.040 s= 0.002 t= 0.002 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-9	-0	0	0	0	0	2.9	0.2	0.2	0.0	3.1	2
7	0	-31	1	-0	0	-0	-0	10.1	5.8	0.4	0.0	15.9	3
8	0	11	0	-0	0	-0	0	3.5	0.2	0.2	0.0	3.8	2
9	0	41	-1	0	0	0	0	13.5	7.9	0.6	0.0	21.5	3
2	14	-8	-0	0	0	0	-0	2.7	1.0	0.2	0.0	3.7	3
7	14	-30	1	-0	0	-0	-0	10.0	3.5	0.4	0.0	13.5	3
8	14	11	0	-0	0	-0	0	3.7	1.4	0.2	0.0	5.0	3
9	14	42	-1	0	0	0	0	13.7	4.8	0.6	0.0	18.5	3
2	27	-8	-0	0	0	0	-0	2.6	1.8	0.2	0.0	4.3	1
7	27	-30	1	-0	0	0	-0	9.9	1.2	0.4	0.0	11.1	1
8	27	12	0	-0	0	0	0	3.8	2.4	0.2	0.0	6.2	1
9	27	42	-1	0	0	-0	0	13.8	1.6	0.6	0.0	15.5	1

Lavoro: **SOSTEGNO TRACKER** Intestazione lavoro: **SOSTEGNI TRACKER GROTTAGLIE**
Elemento: **TRAVE** Metodo di verifica: **Stati limite**
Gruppo: **2** Descrizione: **PILASTRO SCHEMA 55 GRADI**
Tabella: **Tabella pilastri** Struttura: **Nuova**
Tipo acciaio: **S 355** Beta piano 'yx': **1.000** Beta piano 'zx': **1.000**

ASTA NUM. 1 NI 4453 NF 4460 Lungh. 252.5 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2700	2602	-35	0	-3	-827	30.3	94.6	58.4	0.0	124.9	1	
7	0	-2707	2599	-35	0	-3	-12250	30.4	1401.9	58.4	0.0	1432.3	1	
8	0	1510	-3717	52	0	4	1260	17.0	144.2	83.5	0.0	161.2	1	
9	0	1521	-3712	52	0	4	17580	17.1	2011.8	83.4	0.0	2028.9	1	
2	126	-2585	2602	-35	0	42	2458	29.0	281.3	58.4	0.0	310.4	3	
7	126	-2592	2599	-35	0	41	-8971	29.1	1026.6	58.4	0.0	1055.7	3	
8	126	1624	-3717	52	0	-62	-3432	18.2	392.9	83.5	0.0	411.1	3	
9	126	1636	-3712	52	0	-61	12896	18.4	1475.8	83.4	0.0	1494.1	3	
2	253	-2470	2602	-35	0	86	5743	27.7	657.3	58.4	0.0	685.0	3	
7	253	-2478	2599	-35	0	85	-5692	27.8	651.5	58.4	0.0	679.3	3	
8	253	1739	-3717	52	0	-127	-8125	19.5	929.9	83.5	0.0	949.4	3	
9	253	1750	-3712	52	0	-126	8211	19.6	939.8	83.4	0.0	959.4	3	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGAl	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2700	50	3115	18	18	18	1.01	1.00	393.0	
7	-2707	50	9627	18	18	18	1.01	1.00	1138.6	
8	1739	75	4371	18	18	18	1.00	1.00	528.3	
9	1750	74	13832	18	18	18	1.00	1.00	1611.1	

ASTA NUM. 2 NI 4446 NF 4452 Lungh. 252.5 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2700	2602	35	0	3	-827	30.3	94.7	58.4	0.0	125.0	1	
7	0	-2708	2599	35	0	3	-12250	30.4	1401.9	58.4	0.0	1432.3	1	
8	0	1509	-3717	-52	0	-4	1259	16.9	144.1	83.5	0.0	161.0	1	
9	0	1520	-3712	-52	0	-4	17580	17.1	2011.8	83.4	0.0	2028.9	1	
2	126	-2586	2602	35	0	-42	2458	29.0	281.3	58.4	0.0	310.3	3	
7	126	-2594	2599	35	0	-41	-8971	29.1	1026.6	58.4	0.0	1055.8	3	
8	126	1624	-3717	-52	0	62	-3434	18.2	393.0	83.5	0.0	411.2	3	
9	126	1634	-3712	-52	0	61	12895	18.4	1475.7	83.4	0.0	1494.0	3	
2	253	-2471	2602	35	0	-86	5743	27.7	657.3	58.4	0.0	685.0	3	
7	253	-2479	2599	35	0	-85	-5692	27.8	651.5	58.4	0.0	679.3	3	
8	253	1739	-3717	-52	0	127	-8126	19.5	930.0	83.5	0.0	949.6	3	
9	253	1749	-3712	-52	0	126	8210	19.6	939.6	83.4	0.0	959.3	3	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGAl	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2700	50	3115	18	18	18	1.01	1.00	393.0	
7	-2708	50	9627	18	18	18	1.01	1.00	1138.6	
8	1739	75	4372	18	18	18	1.00	1.00	528.4	
9	1749	74	13832	18	18	18	1.00	1.00	1611.0	

ASTA NUM. 3 NI 3623 NF 4464 Lungh. 252.5 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2789	2610	-0	0	0	-848	31.3	97.0	58.6	0.0	128.3	1	
7	0	-2791	2611	-0	0	-0	-12280	31.3	1405.3	58.6	0.0	1436.6	1	
8	0	1639	-3729	0	0	0	1290	18.4	147.6	83.7	0.0	166.0	1	
9	0	1642	-3730	0	0	0	17620	18.4	2016.4	83.8	0.0	2034.8	1	
2	126	-2674	2610	-0	0	0	2448	30.0	280.2	58.6	0.0	310.2	1	
7	126	-2676	2611	-0	0	0	-8982	30.0	1027.8	58.6	0.0	1057.9	1	
8	126	1754	-3729	0	0	-0	-3418	19.7	391.1	83.7	0.0	410.8	1	
9	126	1757	-3730	0	0	-0	12908	19.7	1477.2	83.8	0.0	1497.0	1	
2	253	-2559	2610	-0	0	0	5744	28.7	657.3	58.6	0.0	686.1	1	
7	253	-2561	2611	-0	0	0	-5683	28.8	650.4	58.6	0.0	679.1	1	
8	253	1869	-3729	0	0	-0	-8126	21.0	929.9	83.7	0.0	950.9	1	
9	253	1872	-3730	0	0	-0	8197	21.0	938.1	83.8	0.0	959.1	1	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2789	0	3107	18	18	18	1.01	1.00	387.4	
7	-2791	0	9641	18	18	18	1.01	1.00	1135.5	
8	1869	0	4360	18	18	18	1.00	1.00	519.9	
9	1872	0	13851	18	18	18	1.00	1.00	1606.1	

ASTA NUM. 4 NI 4478 NF 3791 Lungh. 252.5 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2867	2619	-3	0	-0	-866	32.2	99.1	58.8	0.0	131.3	1	
7	0	-2868	2621	-3	0	-0	-12300	32.2	1407.6	58.9	0.0	1439.8	1	
8	0	1754	-3742	4	0	0	1317	19.7	150.7	84.0	0.0	170.4	1	
9	0	1756	-3744	4	0	0	17640	19.7	2018.7	84.1	0.0	2038.4	1	
2	126	-2752	2619	-3	0	3	2441	30.9	279.3	58.8	0.0	310.2	3	
7	126	-2753	2621	-3	0	3	-8989	30.9	1028.7	58.9	0.0	1059.6	1	
8	126	1869	-3742	4	0	-4	-3408	21.0	390.0	84.0	0.0	411.0	3	
9	126	1870	-3744	4	0	-4	12914	21.0	1477.9	84.1	0.0	1498.9	1	
2	253	-2637	2619	-3	0	6	5748	29.6	657.8	58.8	0.0	687.4	3	
7	253	-2638	2621	-3	0	6	-5678	29.6	649.8	58.9	0.0	679.4	3	
8	253	1984	-3742	4	0	-9	-8133	22.3	930.7	84.0	0.0	953.0	3	
9	253	1985	-3744	4	0	-9	8189	22.3	937.1	84.1	0.0	959.4	3	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2867	4	3102	18	18	18	1.01	1.00	388.1	
7	-2868	4	9651	18	18	18	1.01	1.00	1137.9	
8	1984	5	4353	18	18	18	1.00	1.00	521.0	
9	1985	5	13860	18	18	18	1.00	1.00	1608.9	

ASTA NUM. 5 NI 4443 NF 4476 Lungh. 252.5 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2810	2613	-3	0	-0	-853	31.6	97.6	58.7	0.0	129.1	1	
7	0	-2812	2614	-3	0	-0	-12280	31.6	1405.3	58.7	0.0	1436.9	1	
8	0	1671	-3732	4	0	0	1297	18.8	148.4	83.8	0.0	167.2	1	
9	0	1673	-3734	4	0	0	17620	18.8	2016.4	83.8	0.0	2035.2	1	
2	126	-2696	2613	-3	0	3	2446	30.3	279.9	58.7	0.0	310.2	3	
7	126	-2697	2614	-3	0	3	-8980	30.3	1027.7	58.7	0.0	1058.0	1	
8	126	1786	-3732	4	0	-5	-3416	20.1	390.9	83.8	0.0	410.9	3	
9	126	1788	-3734	4	0	-5	12907	20.1	1477.1	83.8	0.0	1497.1	3	
2	253	-2581	2613	-3	0	7	5745	29.0	657.4	58.7	0.0	686.4	3	
7	253	-2582	2614	-3	0	7	-5681	29.0	650.1	58.7	0.0	679.1	3	

8	253	1901	-3732	4	0	-10	-8128	21.3	930.2	83.8	0.0	951.5	3
9	253	1903	-3734	4	0	-10	8194	21.4	937.7	83.8	0.0	959.1	3

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2810	4	3106	18	18	18	1.01	1.00	387.9	
7	-2812	4	9640	18	18	18	1.01	1.00	1136.1	
8	1901	6	4358	18	18	18	1.00	1.00	520.8	
9	1903	6	13850	18	18	18	1.00	1.00	1607.0	

ASTA NUM. 6 NI 4436 NF 3790 Lungh. 252.5 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2810	2613	3	0	0	-853	31.6	97.6	58.7	0.0	129.1	1	
7	0	-2812	2614	3	0	0	-12280	31.6	1405.3	58.7	0.0	1436.9	1	
8	0	1671	-3732	-4	0	-0	1297	18.8	148.4	83.8	0.0	167.2	1	
9	0	1673	-3734	-4	0	-0	17620	18.8	2016.4	83.8	0.0	2035.2	1	
2	126	-2696	2613	3	0	-3	2446	30.3	279.9	58.7	0.0	310.2	3	
7	126	-2697	2614	3	0	-3	-8980	30.3	1027.7	58.7	0.0	1058.0	1	
8	126	1786	-3732	-4	0	5	-3416	20.1	390.9	83.8	0.0	410.9	3	
9	126	1788	-3734	-4	0	5	12907	20.1	1477.1	83.8	0.0	1497.1	3	
2	253	-2581	2613	3	0	-7	5745	29.0	657.4	58.7	0.0	686.4	3	
7	253	-2582	2614	3	0	-7	-5681	29.0	650.1	58.7	0.0	679.1	3	
8	253	1901	-3732	-4	0	11	-8128	21.3	930.2	83.8	0.0	951.5	3	
9	253	1903	-3734	-4	0	10	8194	21.4	937.7	83.8	0.0	959.1	3	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2810	4	3106	18	18	18	1.01	1.00	388.0	
7	-2812	4	9640	18	18	18	1.01	1.00	1136.1	
8	1901	6	4358	18	18	18	1.00	1.00	520.8	
9	1903	6	13850	18	18	18	1.00	1.00	1607.0	

ASTA NUM. 7 NI 4435 NF 2474 Lungh. 252.5 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2866	2619	3	0	0	-866	32.2	99.1	58.8	0.0	131.3	1	
7	0	-2868	2621	2	0	0	-12290	32.2	1406.4	58.9	0.0	1438.6	1	
8	0	1755	-3742	-4	0	-0	1317	19.7	150.7	84.0	0.0	170.4	1	
9	0	1756	-3744	-4	0	-0	17640	19.7	2018.7	84.1	0.0	2038.4	1	
2	126	-2752	2619	3	0	-3	2441	30.9	279.3	58.8	0.0	310.2	3	
7	126	-2753	2621	2	0	-3	-8984	30.9	1028.1	58.9	0.0	1059.0	3	
8	126	1870	-3742	-4	0	4	-3408	21.0	390.0	84.0	0.0	411.0	3	
9	126	1871	-3744	-4	0	4	12914	21.0	1477.9	84.1	0.0	1498.9	1	
2	253	-2637	2619	3	0	-6	5748	29.6	657.8	58.8	0.0	687.4	3	
7	253	-2638	2621	2	0	-6	-5677	29.6	649.7	58.9	0.0	679.3	3	
8	253	1984	-3742	-4	0	9	-8133	22.3	930.7	84.0	0.0	953.0	3	
9	253	1986	-3744	-4	0	9	8189	22.3	937.1	84.1	0.0	959.4	3	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2866	4	3102	18	18	18	1.01	1.00	388.1	
7	-2868	3	9645	18	18	18	1.01	1.00	1137.2	
8	1984	5	4353	18	18	18	1.00	1.00	521.0	
9	1986	5	13860	18	18	18	1.00	1.00	1609.0	

Lavoro: **SOSTEGNO TRACKER** Intestazione lavoro: **SOSTEGNI TRACKER GROTTAGLIE**
 Elemento: **TRAVE** Metodo di verifica: **Stati limite**
 Gruppo: **4** Descrizione: **PILASTRO INFISSO SCHEMA 55 GRADI**
 Tabella: **Tabella pilastri** Struttura: **Nuova**

Tipo acciaio: S 355

Beta piano 'yx': 1.000

Beta piano 'zx': 1.000

ASTA NUM. 1 NI 4459 NF 4458 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-235	-846	8	0	0	0	2.6	0.0	19.0	0.0	33.0	2	
7	0	-236	-5004	8	0	0	0	2.6	0.0	112.4	0.0	194.6	2	
8	0	114	1237	-12	0	0	0	1.3	0.0	27.8	0.0	48.1	2	
9	0	115	7176	-12	0	0	0	1.3	0.0	161.1	0.0	279.1	2	
2	12	-224	-846	8	0	-1	-106	2.5	12.1	19.0	0.0	33.0	2	
7	12	-225	-5004	8	0	-1	-626	2.5	71.6	112.4	0.0	194.6	2	
8	12	125	1237	-12	0	2	155	1.4	17.7	27.8	0.0	48.1	2	
9	12	126	7176	-12	0	2	897	1.4	102.7	161.1	0.0	279.1	2	
2	25	-213	-846	8	0	-2	-212	2.4	24.2	19.0	0.0	33.0	2	
7	25	-213	-5004	8	0	-2	-1251	2.4	143.2	112.4	0.0	194.6	2	
8	25	137	1237	-12	0	3	309	1.5	35.4	27.8	0.0	48.1	2	
9	25	138	7176	-12	0	3	1794	1.5	205.3	161.1	0.0	279.1	2	

ASTA NUM. 2 NI 4458 NF 4457 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-683	-1615	15	0	-2	-212	7.7	24.2	36.3	0.0	63.3	2	
7	0	-685	-10610	15	0	-2	-1251	7.7	143.2	238.3	0.0	412.7	2	
8	0	364	2369	-23	0	3	309	4.1	35.4	53.2	0.0	92.2	2	
9	0	367	15220	-23	0	3	1794	4.1	205.3	341.8	0.0	592.0	2	
2	12	-672	-1615	15	0	-4	-413	7.5	47.3	36.3	0.0	63.3	2	
7	12	-674	-10610	15	0	-4	-2578	7.6	295.0	238.3	0.0	412.7	2	
8	12	376	2369	-23	0	6	605	4.2	69.3	53.2	0.0	92.3	2	
9	12	379	15220	-23	0	6	3696	4.3	423.0	341.8	0.0	592.0	2	
2	25	-661	-1615	15	0	-6	-615	7.4	70.4	36.3	0.0	77.8	3	
7	25	-663	-10610	15	0	-6	-3904	7.4	446.8	238.3	0.0	454.2	3	
8	25	387	2369	-23	0	9	902	4.3	103.2	53.2	0.0	107.5	3	
9	25	390	15220	-23	0	9	5599	4.4	640.7	341.8	0.0	645.1	3	

ASTA NUM. 3 NI 4457 NF 4456 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1132	-1635	14	0	-6	-615	12.7	70.4	36.7	0.0	83.1	3	
7	0	-1135	-12640	14	0	-6	-3904	12.7	446.8	283.8	0.0	491.8	2	
8	0	615	2411	-21	0	9	902	6.9	103.2	54.1	0.0	110.1	3	
9	0	620	18130	-21	0	9	5599	7.0	640.7	407.1	0.0	705.2	2	
2	12	-1120	-1635	14	0	-8	-820	12.6	93.8	36.7	0.0	106.4	3	
7	12	-1124	-12640	14	0	-8	-5484	12.6	627.5	283.8	0.0	640.1	3	
8	12	627	2411	-21	0	11	1203	7.0	137.7	54.1	0.0	144.7	3	
9	12	631	18130	-21	0	11	7864	7.1	900.0	407.1	0.0	907.1	3	
2	25	-1109	-1635	14	0	-9	-1024	12.5	117.2	36.7	0.0	129.6	3	
7	25	-1112	-12640	14	0	-9	-7063	12.5	808.3	283.8	0.0	820.8	3	
8	25	638	2411	-21	0	14	1504	7.2	172.1	54.1	0.0	179.3	3	
9	25	642	18130	-21	0	14	10130	7.2	1159.3	407.1	0.0	1166.5	3	

ASTA NUM. 4 NI 4456 NF 4455 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1581	-1024	6	0	-9	-1024	17.8	117.2	23.0	0.0	134.9	3	
7	0	-1586	-11580	6	0	-9	-7063	17.8	808.3	260.0	0.0	826.1	3	
8	0	867	1535	-9	0	14	1504	9.7	172.1	34.5	0.0	181.9	3	
9	0	873	16610	-9	0	14	10130	9.8	1159.3	373.0	0.0	1169.1	3	
2	12	-1570	-1024	6	0	-10	-1152	17.6	131.8	23.0	0.0	149.5	3	
7	12	-1574	-11580	6	0	-10	-8510	17.7	973.9	260.0	0.0	991.5	3	
8	12	878	1535	-9	0	15	1696	9.9	194.1	34.5	0.0	204.0	3	
9	12	884	16610	-9	0	15	12205	9.9	1396.7	373.0	0.0	1406.6	3	
2	25	-1559	-1024	6	0	-11	-1280	17.5	146.5	23.0	0.0	164.0	3	
7	25	-1563	-11580	6	0	-11	-9957	17.5	1139.5	260.0	0.0	1157.0	3	
8	25	889	1535	-9	0	16	1888	10.0	216.1	34.5	0.0	226.1	3	
9	25	896	16610	-9	0	16	14280	10.1	1634.2	373.0	0.0	1644.2	3	

ASTA NUM. 5 NI 4455 NF 4454 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2032	123	-7	0	-11	-1280	22.8	146.5	2.8	0.0	169.3	3	
7	0	-2038	-7732	-7	0	-11	-9957	22.9	1139.5	173.6	0.0	1162.3	3	
8	0	1119	-121	11	0	16	1888	12.6	216.1	2.7	0.0	228.6	3	
9	0	1127	11100	11	0	16	14280	12.7	1634.2	249.3	0.0	1646.8	3	
2	12	-2020	123	-7	0	-10	-1264	22.7	144.7	2.8	0.0	167.4	3	
7	12	-2026	-7732	-7	0	-10	-10924	22.8	1250.1	173.6	0.0	1272.8	3	
8	12	1130	-121	11	0	15	1873	12.7	214.3	2.7	0.0	227.0	3	
9	12	1138	11100	11	0	15	15670	12.8	1793.2	249.3	0.0	1806.0	3	
2	25	-2009	123	-7	0	-9	-1249	22.6	142.9	2.8	0.0	165.5	3	
7	25	-2015	-7732	-7	0	-9	-11890	22.6	1360.7	173.6	0.0	1383.3	3	
8	25	1141	-121	11	0	14	1858	12.8	212.6	2.7	0.0	225.4	3	
9	25	1149	11100	11	0	14	17060	12.9	1952.3	249.3	0.0	1965.2	3	

ASTA NUM. 6 NI 4454 NF 4453 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2484	1690	-25	0	-9	-1249	27.9	142.9	37.9	0.0	170.8	3	
7	0	-2491	-1456	-25	0	-9	-11890	28.0	1360.7	32.7	0.0	1388.6	1	
8	0	1372	-2392	37	0	14	1858	15.4	212.6	53.7	0.0	228.0	3	
9	0	1381	2102	37	0	14	17060	15.5	1952.3	47.2	0.0	1967.8	3	
2	13	-2472	1690	-25	0	-6	-1038	27.8	118.8	37.9	0.0	146.5	1	
7	13	-2480	-1456	-25	0	-6	-12070	27.8	1381.3	32.7	0.0	1409.1	1	
8	13	1383	-2392	37	0	9	1559	15.5	178.4	53.7	0.0	193.9	1	
9	13	1392	2102	37	0	9	17320	15.6	1982.1	47.2	0.0	1997.7	1	
2	25	-2461	1690	-25	0	-3	-827	27.6	94.6	37.9	0.0	122.3	1	
7	25	-2468	-1456	-25	0	-3	-12250	27.7	1401.9	32.7	0.0	1429.6	1	
8	25	1394	-2392	37	0	4	1260	15.7	144.2	53.7	0.0	159.9	1	
9	25	1404	2102	37	0	4	17580	15.8	2011.8	47.2	0.0	2027.6	1	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2484	2	496	11	11	11	1.00	1.00	84.9	
7	-2491	2	7350	11	11	11	1.00	1.00	869.4	
8	1394	3	756	11	11	11	1.00	1.00	102.5	
9	1404	3	10548	11	11	11	1.00	1.00	1223.2	

ASTA NUM. 7 NI 4451 NF 4450 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-235	-846	-8	0	0	0	2.6	0.0	19.0	0.0	33.0	2	
7	0	-236	-5004	-8	0	0	0	2.6	0.0	112.4	0.0	194.6	2	
8	0	114	1237	12	0	0	0	1.3	0.0	27.8	0.0	48.1	2	
9	0	115	7176	12	0	0	0	1.3	0.0	161.1	0.0	279.1	2	
2	12	-224	-846	-8	0	1	-106	2.5	12.1	19.0	0.0	33.0	2	
7	12	-225	-5004	-8	0	1	-626	2.5	71.6	112.4	0.0	194.6	2	
8	12	125	1237	12	0	-2	155	1.4	17.7	27.8	0.0	48.1	2	
9	12	126	7176	12	0	-2	897	1.4	102.7	161.1	0.0	279.1	2	
2	25	-213	-846	-8	0	2	-212	2.4	24.2	19.0	0.0	33.0	2	
7	25	-213	-5004	-8	0	2	-1251	2.4	143.2	112.4	0.0	194.6	2	
8	25	137	1237	12	0	-3	309	1.5	35.4	27.8	0.0	48.1	2	
9	25	138	7176	12	0	-3	1794	1.5	205.3	161.1	0.0	279.1	2	

ASTA NUM. 8 NI 4450 NF 4449 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-684	-1616	-15	0	2	-212	7.7	24.2	36.3	0.0	63.3	2	
7	0	-686	-10610	-15	0	2	-1251	7.7	143.2	238.3	0.0	412.7	2	
8	0	364	2369	23	0	-3	309	4.1	35.4	53.2	0.0	92.2	2	
9	0	367	15220	23	0	-3	1794	4.1	205.3	341.8	0.0	592.0	2	

2	12	-672	-1616	-15	0	4	-413	7.5	47.3	36.3	0.0	63.4	2
7	12	-674	-10610	-15	0	4	-2578	7.6	295.0	238.3	0.0	412.7	2
8	12	376	2369	23	0	-6	605	4.2	69.3	53.2	0.0	92.3	2
9	12	378	15220	23	0	-6	3696	4.2	423.0	341.8	0.0	592.0	2
2	25	-661	-1616	-15	0	6	-615	7.4	70.4	36.3	0.0	77.8	3
7	25	-663	-10610	-15	0	6	-3904	7.4	446.8	238.3	0.0	454.2	3
8	25	387	2369	23	0	-9	901	4.3	103.2	53.2	0.0	107.5	3
9	25	390	15220	23	0	-9	5599	4.4	640.7	341.8	0.0	645.1	3

ASTA NUM. 10 NI 4449 NF 4445 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1132	-1636	-14	0	6	-615	12.7	70.4	36.7	0.0	83.1	3	
7	0	-1135	-12640	-14	0	6	-3904	12.7	446.8	283.8	0.0	491.8	2	
8	0	615	2411	21	0	-9	901	6.9	103.2	54.1	0.0	110.1	3	
9	0	620	18130	21	0	-9	5599	7.0	640.7	407.1	0.0	705.2	2	
2	12	-1121	-1636	-14	0	8	-820	12.6	93.8	36.7	0.0	106.4	3	
7	12	-1124	-12640	-14	0	8	-5484	12.6	627.6	283.8	0.0	640.2	3	
8	12	626	2411	21	0	-11	1203	7.0	137.6	54.1	0.0	144.7	3	
9	12	631	18130	21	0	-11	7864	7.1	900.0	407.1	0.0	907.1	3	
2	25	-1110	-1636	-14	0	9	-1024	12.5	117.2	36.7	0.0	129.7	3	
7	25	-1113	-12640	-14	0	9	-7064	12.5	808.4	283.8	0.0	820.9	3	
8	25	638	2411	21	0	-14	1504	7.2	172.1	54.1	0.0	179.3	3	
9	25	642	18130	21	0	-14	10130	7.2	1159.3	407.1	0.0	1166.5	3	

ASTA NUM. 11 NI 4445 NF 4448 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1582	-1024	-6	0	9	-1024	17.8	117.2	23.0	0.0	135.0	3	
7	0	-1586	-11580	-6	0	9	-7064	17.8	808.4	260.0	0.0	826.2	3	
8	0	866	1534	9	0	-14	1504	9.7	172.1	34.4	0.0	181.8	3	
9	0	873	16610	9	0	-14	10130	9.8	1159.3	373.0	0.0	1169.1	3	
2	12	-1570	-1024	-6	0	10	-1152	17.6	131.8	23.0	0.0	149.5	3	
7	12	-1575	-11580	-6	0	10	-8511	17.7	974.0	260.0	0.0	991.7	3	
8	12	878	1534	9	0	-15	1696	9.9	194.1	34.4	0.0	203.9	3	
9	12	884	16610	9	0	-15	12205	9.9	1396.7	373.0	0.0	1406.6	3	
2	25	-1559	-1024	-6	0	11	-1280	17.5	146.5	23.0	0.0	164.0	3	
7	25	-1564	-11580	-6	0	11	-9958	17.6	1139.6	260.0	0.0	1157.1	3	
8	25	889	1534	9	0	-16	1888	10.0	216.1	34.4	0.0	226.0	3	
9	25	895	16610	9	0	-16	14280	10.1	1634.2	373.0	0.0	1644.2	3	

ASTA NUM. 9 NI 4448 NF 4447 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2033	122	7	0	11	-1280	22.8	146.5	2.7	0.0	169.3	3	
7	0	-2038	-7733	7	0	11	-9958	22.9	1139.6	173.6	0.0	1162.5	3	
8	0	1118	-121	-11	0	-16	1888	12.6	216.1	2.7	0.0	228.6	3	
9	0	1126	11100	-11	0	-16	14280	12.6	1634.2	249.3	0.0	1646.8	3	
2	12	-2022	122	7	0	10	-1265	22.7	144.8	2.7	0.0	167.5	3	
7	12	-2027	-7733	7	0	10	-10924	22.8	1250.1	173.6	0.0	1272.9	3	
8	12	1130	-121	-11	0	-15	1872	12.7	214.3	2.7	0.0	227.0	3	
9	12	1138	11100	-11	0	-15	15670	12.8	1793.2	249.3	0.0	1806.0	3	
2	25	-2010	122	7	0	9	-1250	22.6	143.1	2.7	0.0	165.6	3	
7	25	-2016	-7733	7	0	9	-11890	22.6	1360.7	173.6	0.0	1383.3	3	
8	25	1141	-121	-11	0	-14	1857	12.8	212.5	2.7	0.0	225.3	3	
9	25	1149	11100	-11	0	-14	17060	12.9	1952.3	249.3	0.0	1965.2	3	

ASTA NUM. 12 NI 4447 NF 4446 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2485	1690	25	0	9	-1250	27.9	143.1	37.9	0.0	171.0	3	
7	0	-2492	-1456	25	0	9	-11890	28.0	1360.7	32.7	0.0	1388.7	1	
8	0	1371	-2392	-37	0	-14	1857	15.4	212.5	53.7	0.0	227.9	3	
9	0	1381	2102	-37	0	-14	17060	15.5	1952.3	47.2	0.0	1967.8	3	
2	12	-2474	1690	25	0	6	-1039	27.8	118.9	37.9	0.0	146.6	1	
7	12	-2480	-1456	25	0	6	-12070	27.9	1381.3	32.7	0.0	1409.1	1	
8	12	1382	-2392	-37	0	-9	1558	15.5	178.3	53.7	0.0	193.8	1	

9	12	1392	2102	-37	0	-9	17320	15.6	1982.1	47.2	0.0	1997.7	1
2	25	-2462	1690	25	0	3	-827	27.6	94.7	37.9	0.0	122.3	1
7	25	-2469	-1456	25	0	3	-12250	27.7	1401.9	32.7	0.0	1429.6	1
8	25	1394	-2392	-37	0	-4	1259	15.7	144.1	53.7	0.0	159.7	1
9	25	1404	2102	-37	0	-4	17580	15.8	2011.8	47.2	0.0	2027.6	1

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGAl	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2485	2	496	11	11	11	1.00	1.00	84.9	
7	-2492	2	7350	11	11	11	1.00	1.00	869.4	
8	1394	3	755	11	11	11	1.00	1.00	102.4	
9	1404	3	10548	11	11	11	1.00	1.00	1223.2	

ASTA NUM. 13 NI 3796 NF 4463 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-243	-855	-0	0	0	0	2.7	0.0	19.2	0.0	33.4	2	
7	0	-243	-5014	0	0	0	0	2.7	0.0	112.6	0.0	195.0	2	
8	0	125	1250	-0	0	0	0	1.4	0.0	28.1	0.0	48.6	2	
9	0	125	7192	-0	0	0	0	1.4	0.0	161.5	0.0	279.7	2	
2	12	-231	-855	-0	0	0	-107	2.6	12.2	19.2	0.0	33.4	2	
7	12	-232	-5014	0	0	-0	-627	2.6	71.8	112.6	0.0	195.0	2	
8	12	136	1250	-0	0	0	156	1.5	17.9	28.1	0.0	48.6	2	
9	12	136	7192	-0	0	0	899	1.5	102.9	161.5	0.0	279.7	2	
2	25	-220	-855	-0	0	0	-214	2.5	24.5	19.2	0.0	33.4	2	
7	25	-220	-5014	0	0	-0	-1254	2.5	143.5	112.6	0.0	195.0	2	
8	25	147	1250	-0	0	0	313	1.7	35.8	28.1	0.0	48.6	2	
9	25	148	7192	-0	0	0	1798	1.7	205.8	161.5	0.0	279.7	2	

ASTA NUM. 14 NI 4463 NF 3626 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-706	-1635	-0	0	0	-214	7.9	24.5	36.7	0.0	64.1	2	
7	0	-706	-10630	0	0	-0	-1254	7.9	143.5	238.7	0.0	413.5	2	
8	0	397	2397	-0	0	0	313	4.5	35.8	53.8	0.0	93.3	2	
9	0	397	15250	-0	0	0	1798	4.5	205.8	342.4	0.0	593.2	2	
2	12	-694	-1635	-0	0	0	-418	7.8	47.9	36.7	0.0	64.1	2	
7	12	-695	-10630	0	0	-0	-2583	7.8	295.6	238.7	0.0	413.5	2	
8	12	408	2397	-0	0	0	612	4.6	70.1	53.8	0.0	93.3	2	
9	12	409	15250	-0	0	0	3704	4.6	423.9	342.4	0.0	593.2	2	
2	25	-683	-1635	-0	0	0	-622	7.7	71.2	36.7	0.0	78.9	1	
7	25	-683	-10630	0	0	-0	-3912	7.7	447.7	238.7	0.0	455.4	1	
8	25	420	2397	-0	0	0	912	4.7	104.4	53.8	0.0	109.1	1	
9	25	420	15250	-0	0	0	5611	4.7	642.1	342.4	0.0	646.8	1	

ASTA NUM. 15 NI 3626 NF 3788 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1169	-1658	-0	0	0	-622	13.1	71.2	37.2	0.0	84.4	1	
7	0	-1170	-12660	0	0	-0	-3912	13.1	447.7	284.3	0.0	492.6	2	
8	0	669	2444	-0	0	0	912	7.5	104.4	54.9	0.0	111.9	1	
9	0	670	18170	-0	0	0	5611	7.5	642.1	408.0	0.0	706.7	2	
2	12	-1158	-1658	-0	0	0	-830	13.0	95.0	37.2	0.0	108.0	1	
7	12	-1158	-12660	0	0	-0	-5495	13.0	628.8	284.3	0.0	641.8	1	
8	12	681	2444	-0	0	0	1217	7.6	139.3	54.9	0.0	147.0	1	
9	12	682	18170	-0	0	0	7880	7.7	901.8	408.0	0.0	909.5	1	
2	25	-1146	-1658	-0	0	0	-1037	12.9	118.7	37.2	0.0	131.5	1	
7	25	-1147	-12660	0	0	-0	-7078	12.9	810.0	284.3	0.0	822.9	1	
8	25	692	2444	-0	0	0	1523	7.8	174.3	54.9	0.0	182.1	1	
9	25	693	18170	-0	0	0	10150	7.8	1161.5	408.0	0.0	1169.3	1	

ASTA NUM. 16 NI 3788 NF 3795 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

cm	kg	kg*m	kg/cmq										
2	0	-1633	-1044	-0	0	0	-1037	18.3	118.7	23.4	0.0	137.0	1
7	0	-1634	-11600	0	0	-0	-7078	18.3	810.0	260.5	0.0	828.3	1
8	0	942	1563	-0	0	0	1523	10.6	174.3	35.1	0.0	184.9	1
9	0	944	16640	-0	0	0	10150	10.6	1161.5	373.7	0.0	1172.1	1
2	12	-1622	-1044	-0	0	0	-1168	18.2	133.6	23.4	0.0	151.8	1
7	12	-1623	-11600	0	0	-0	-8528	18.2	975.9	260.5	0.0	994.1	1
8	12	953	1563	-0	0	0	1718	10.7	196.7	35.1	0.0	207.4	1
9	12	955	16640	-0	0	0	12230	10.7	1399.6	373.7	0.0	1410.3	1
2	25	-1611	-1044	-0	0	0	-1298	18.1	148.5	23.4	0.0	166.6	1
7	25	-1612	-11600	0	0	-0	-9977	18.1	1141.8	260.5	0.0	1159.8	1
8	25	965	1563	-0	0	0	1914	10.8	219.0	35.1	0.0	229.9	1
9	25	966	16640	-0	0	0	14310	10.9	1637.6	373.7	0.0	1648.5	1

ASTA NUM. 17 NI 3795 NF 3616 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2099	110	-0	0	0	-1298	23.6	148.5	2.5	0.0	172.1	1	
7	0	-2100	-7744	0	0	-0	-9977	23.6	1141.8	173.9	0.0	1165.3	1	
8	0	1216	-104	-0	0	0	1914	13.7	219.0	2.3	0.0	232.7	1	
9	0	1218	11120	-0	0	0	14310	13.7	1637.6	249.7	0.0	1651.3	1	
2	12	-2088	110	-0	0	0	-1284	23.4	146.9	2.5	0.0	170.4	1	
7	12	-2088	-7744	0	0	-0	-10944	23.4	1252.4	173.9	0.0	1275.8	1	
8	12	1227	-104	-0	0	0	1901	13.8	217.5	2.3	0.0	231.3	1	
9	12	1229	11120	-0	0	0	15700	13.8	1796.7	249.7	0.0	1810.5	1	
2	25	-2076	110	-0	0	0	-1270	23.3	145.3	2.5	0.0	168.6	1	
7	25	-2077	-7744	0	0	-0	-11910	23.3	1363.0	173.9	0.0	1386.3	1	
8	25	1238	-104	-0	0	0	1888	13.9	216.1	2.3	0.0	230.0	1	
9	25	1240	11120	-0	0	0	17090	13.9	1955.7	249.7	0.0	1969.7	1	

ASTA NUM. 18 NI 3616 NF 3623 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2566	1690	-0	0	0	-1270	28.8	145.3	37.9	0.0	174.1	1	
7	0	-2567	-1453	-0	0	-0	-11910	28.8	1363.0	32.6	0.0	1391.8	1	
8	0	1490	-2393	0	0	0	1888	16.7	216.1	53.7	0.0	232.8	1	
9	0	1493	2097	0	0	0	17090	16.8	1955.7	47.1	0.0	1972.5	1	
2	12	-2554	1690	-0	0	0	-1059	28.7	121.2	37.9	0.0	149.9	1	
7	12	-2556	-1453	-0	0	-0	-12095	28.7	1384.1	32.6	0.0	1412.8	1	
8	12	1502	-2393	0	0	0	1589	16.9	181.8	53.7	0.0	198.7	1	
9	12	1504	2097	0	0	0	17355	16.9	1986.1	47.1	0.0	2003.0	1	
2	25	-2543	1690	-0	0	0	-848	28.6	97.0	37.9	0.0	125.6	1	
7	25	-2545	-1453	-0	0	-0	-12280	28.6	1405.3	32.6	0.0	1433.9	1	
8	25	1513	-2393	0	0	0	1290	17.0	147.6	53.7	0.0	164.6	1	
9	25	1515	2097	0	0	0	17620	17.0	2016.4	47.1	0.0	2033.4	1	

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n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2566	0	509	11	11	11	1.00	1.00	87.0	
7	-2567	0	7368	11	11	11	1.00	1.00	872.1	
8	1513	0	774	11	11	11	1.00	1.00	105.6	
9	1515	0	10572	11	11	11	1.00	1.00	1226.8	

ASTA NUM. 19 NI 4484 NF 4483 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-249	-864	1	0	0	0	2.8	0.0	19.4	0.0	33.7	2	
7	0	-249	-5023	1	0	0	0	2.8	0.0	112.8	0.0	195.4	2	
8	0	134	1263	-1	0	0	0	1.5	0.0	28.4	0.0	49.1	2	
9	0	134	7205	-1	0	0	0	1.5	0.0	161.8	0.0	280.2	2	
2	12	-238	-864	1	0	-0	-108	2.7	12.4	19.4	0.0	33.7	2	
7	12	-238	-5023	1	0	-0	-628	2.7	71.9	112.8	0.0	195.4	2	
8	12	146	1263	-1	0	0	158	1.6	18.1	28.4	0.0	49.2	2	
9	12	146	7205	-1	0	0	900	1.6	103.1	161.8	0.0	280.2	2	

2	25	-226	-864	1	0	-0	-216	2.5	24.7	19.4	0.0	33.7	2
7	25	-226	-5023	1	0	-0	-1256	2.5	143.7	112.8	0.0	195.4	2
8	25	157	1263	-1	0	0	316	1.8	36.1	28.4	0.0	49.2	2
9	25	157	7205	-1	0	0	1801	1.8	206.1	161.8	0.0	280.2	2

ASTA NUM. 20 NI 4483 NF 4482 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-725	-1653	1	0	-0	-216	8.1	24.7	37.1	0.0	64.8	2	
7	0	-725	-10650	1	0	-0	-1256	8.1	143.7	239.2	0.0	414.3	2	
8	0	425	2424	-2	0	0	316	4.8	36.1	54.4	0.0	94.4	2	
9	0	426	15280	-2	0	0	1801	4.8	206.1	343.1	0.0	594.3	2	
2	12	-714	-1653	1	0	-0	-423	8.0	48.4	37.1	0.0	64.8	2	
7	12	-714	-10650	1	0	-0	-2588	8.0	296.1	239.2	0.0	414.3	2	
8	12	437	2424	-2	0	0	619	4.9	70.8	54.4	0.0	94.4	2	
9	12	437	15280	-2	0	0	3711	4.9	424.7	343.1	0.0	594.3	2	
2	25	-702	-1653	1	0	-0	-629	7.9	72.0	37.1	0.0	79.9	3	
7	25	-702	-10650	1	0	-0	-3919	7.9	448.5	239.2	0.0	456.4	1	
8	25	448	2424	-2	0	1	922	5.0	105.5	54.4	0.0	110.5	3	
9	25	448	15280	-2	0	1	5621	5.0	643.3	343.1	0.0	648.3	1	

ASTA NUM. 21 NI 4482 NF 4481 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1201	-1679	1	0	-0	-629	13.5	72.0	37.7	0.0	85.5	3	
7	0	-1202	-12690	1	0	-0	-3919	13.5	448.5	285.0	0.0	493.8	2	
8	0	717	2475	-2	0	1	922	8.0	105.5	55.6	0.0	113.5	3	
9	0	718	18200	-2	0	1	5621	8.1	643.3	408.7	0.0	707.9	2	
2	12	-1190	-1679	1	0	-1	-839	13.4	96.0	37.7	0.0	109.4	3	
7	12	-1190	-12690	1	0	-1	-5504	13.4	629.9	285.0	0.0	643.3	1	
8	12	728	2475	-2	0	1	1231	8.2	140.9	55.6	0.0	149.0	3	
9	12	729	18200	-2	0	1	7896	8.2	903.5	408.7	0.0	911.7	1	
2	25	-1179	-1679	1	0	-1	-1049	13.2	120.0	37.7	0.0	133.3	3	
7	25	-1179	-12690	1	0	-1	-7090	13.2	811.4	285.0	0.0	824.6	1	
8	25	740	2475	-2	0	1	1540	8.3	176.2	55.6	0.0	184.5	3	
9	25	740	18200	-2	0	1	10170	8.3	1163.8	408.7	0.0	1172.1	1	

ASTA NUM. 22 NI 4481 NF 4480 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1679	-1062	0	0	-1	-1049	18.9	120.0	23.8	0.0	138.9	3	
7	0	-1679	-11610	0	0	-1	-7090	18.9	811.4	260.7	0.0	830.2	1	
8	0	1009	1590	-1	0	1	1540	11.3	176.2	35.7	0.0	187.6	3	
9	0	1010	16670	-1	0	1	10170	11.3	1163.8	374.3	0.0	1175.2	1	
2	12	-1668	-1062	0	0	-1	-1182	18.7	135.2	23.8	0.0	153.9	3	
7	12	-1668	-11610	0	0	-1	-8542	18.7	977.5	260.7	0.0	996.3	1	
8	12	1020	1590	-1	0	1	1739	11.5	199.0	35.7	0.0	210.5	3	
9	12	1021	16670	-1	0	1	12255	11.5	1402.4	374.3	0.0	1413.9	1	
2	25	-1656	-1062	0	0	-1	-1314	18.6	150.4	23.8	0.0	169.0	3	
7	25	-1656	-11610	0	0	-1	-9994	18.6	1143.7	260.7	0.0	1162.3	1	
8	25	1032	1590	-1	0	1	1938	11.6	221.8	35.7	0.0	233.4	3	
9	25	1032	16670	-1	0	1	14340	11.6	1641.0	374.3	0.0	1652.6	1	

ASTA NUM. 23 NI 4480 NF 4479 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2157	100	-0	0	-1	-1314	24.2	150.4	2.2	0.0	174.6	3	
7	0	-2158	-7755	-0	0	-1	-9994	24.2	1143.7	174.1	0.0	1167.9	1	
8	0	1302	-89	1	0	1	1938	14.6	221.8	2.0	0.0	236.4	3	
9	0	1303	11130	1	0	1	14340	14.6	1641.0	249.9	0.0	1655.7	1	
2	12	-2146	100	-0	0	-1	-1302	24.1	148.9	2.2	0.0	173.0	3	
7	12	-2146	-7755	-0	0	-1	-10962	24.1	1254.5	174.1	0.0	1278.6	1	
8	12	1313	-89	1	0	1	1927	14.7	220.5	2.0	0.0	235.3	3	
9	12	1314	11130	1	0	1	15730	14.8	1800.1	249.9	0.0	1814.9	1	
2	25	-2134	100	-0	0	-1	-1289	24.0	147.5	2.2	0.0	171.5	1	
7	25	-2135	-7755	-0	0	-1	-11930	24.0	1365.2	174.1	0.0	1389.2	1	

8	25	1324	-89	1	0	1	1916	14.9	219.3	2.0	0.0	234.1	3
9	25	1326	11130	1	0	1	17120	14.9	1959.2	249.9	0.0	1974.1	1

ASTA NUM. 24 NI 4479 NF 4478 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-2637	1692	-2	0	-1	-1289	29.6	147.5	38.0	0.0	177.1	1		
7	0	-2638	-1451	-2	0	-1	-11930	29.6	1365.2	32.6	0.0	1394.9	1		
8	0	1596	-2395	3	0	1	1916	17.9	219.3	53.8	0.0	237.2	3		
9	0	1597	2095	3	0	1	17120	17.9	1959.2	47.0	0.0	1977.1	1		
2	12	-2626	1692	-2	0	-0	-1078	29.5	123.3	38.0	0.0	152.8	1		
7	12	-2626	-1451	-2	0	-0	-12115	29.5	1386.4	32.6	0.0	1415.9	1		
8	12	1607	-2395	3	0	1	1616	18.0	185.0	53.8	0.0	203.0	1		
9	12	1608	2095	3	0	1	17380	18.1	1988.9	47.0	0.0	2007.0	1		
2	25	-2614	1692	-2	0	-0	-866	29.3	99.1	38.0	0.0	128.5	1		
7	25	-2615	-1451	-2	0	-0	-12300	29.4	1407.6	32.6	0.0	1437.0	1		
8	25	1618	-2395	3	0	0	1317	18.2	150.7	53.8	0.0	168.9	1		
9	25	1620	2095	3	0	0	17640	18.2	2018.7	47.0	0.0	2036.9	1		

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2637	0	520	11	11	11	1.00	1.00	89.1	
7	-2638	0	7380	11	11	11	1.00	1.00	874.3	
8	1618	0	790	11	11	11	1.00	1.00	108.6	
9	1620	0	10584	11	11	11	1.00	1.00	1229.4	

ASTA NUM. 25 NI 4475 NF 4474 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-244	-858	1	0	0	0	2.7	0.0	19.3	0.0	33.5	2		
7	0	-245	-5017	1	0	0	0	2.7	0.0	112.7	0.0	195.2	2		
8	0	127	1254	-1	0	0	0	1.4	0.0	28.2	0.0	48.8	2		
9	0	128	7195	-1	0	0	0	1.4	0.0	161.6	0.0	279.8	2		
2	12	-233	-858	1	0	-0	-107	2.6	12.3	19.3	0.0	33.5	2		
7	12	-233	-5017	1	0	-0	-627	2.6	71.8	112.7	0.0	195.1	2		
8	12	139	1254	-1	0	0	157	1.6	17.9	28.2	0.0	48.8	2		
9	12	139	7195	-1	0	0	900	1.6	102.9	161.6	0.0	279.8	2		
2	25	-222	-858	1	0	-0	-214	2.5	24.5	19.3	0.0	33.4	2		
7	25	-222	-5017	1	0	-0	-1254	2.5	143.5	112.7	0.0	195.1	2		
8	25	150	1254	-1	0	0	313	1.7	35.9	28.2	0.0	48.8	2		
9	25	150	7195	-1	0	0	1799	1.7	205.9	161.6	0.0	279.8	2		

ASTA NUM. 26 NI 4474 NF 4473 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-711	-1640	1	0	-0	-214	8.0	24.5	36.8	0.0	64.3	2		
7	0	-711	-10640	1	0	-0	-1254	8.0	143.5	238.9	0.0	413.9	2		
8	0	405	2405	-2	0	0	313	4.5	35.9	54.0	0.0	93.7	2		
9	0	405	15260	-2	0	0	1799	4.5	205.9	342.7	0.0	593.5	2		
2	12	-700	-1640	1	0	-0	-419	7.9	48.0	36.8	0.0	64.3	2		
7	12	-700	-10640	1	0	-0	-2584	7.9	295.7	238.9	0.0	413.9	2		
8	12	416	2405	-2	0	1	614	4.7	70.3	54.0	0.0	93.7	2		
9	12	417	15260	-2	0	1	3706	4.7	424.2	342.7	0.0	593.5	2		
2	25	-688	-1640	1	0	-1	-624	7.7	71.4	36.8	0.0	79.2	3		
7	25	-689	-10640	1	0	-1	-3914	7.7	447.9	238.9	0.0	455.6	1		
8	25	427	2405	-2	0	1	915	4.8	104.7	54.0	0.0	109.5	3		
9	25	428	15260	-2	0	1	5614	4.8	642.5	342.7	0.0	647.3	1		

ASTA NUM. 27 NI 4473 NF 4472 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1178	-1664	1	0	-1	-624	13.2	71.4	37.4	0.0	84.7	3		

7	0	-1179	-12670	1	0	-1	-3914	13.2	447.9	284.5	0.0	493.0	2
8	0	682	2452	-2	0	1	915	7.7	104.7	55.1	0.0	112.3	3
9	0	683	18180	-2	0	1	5614	7.7	642.5	408.2	0.0	707.1	2
2	12	-1166	-1664	1	0	-1	-832	13.1	95.2	37.4	0.0	108.3	3
7	12	-1168	-12670	1	0	-1	-5498	13.1	629.1	284.5	0.0	642.2	1
8	12	694	2452	-2	0	1	1221	7.8	139.8	55.1	0.0	147.6	3
9	12	695	18180	-2	0	1	7887	7.8	902.6	408.2	0.0	910.4	1
2	25	-1155	-1664	1	0	-1	-1040	13.0	119.0	37.4	0.0	132.0	3
7	25	-1156	-12670	1	0	-1	-7081	13.0	810.3	284.5	0.0	823.3	1
8	25	705	2452	-2	0	1	1528	7.9	174.9	55.1	0.0	182.8	3
9	25	706	18180	-2	0	1	10160	7.9	1162.7	408.2	0.0	1170.6	1

ASTA NUM. 28 NI 4472 NF 4462 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1646	-1049	1	0	-1	-1040	18.5	119.0	23.6	0.0	137.5	3	
7	0	-1647	-11600	1	0	-1	-7081	18.5	810.3	260.5	0.0	828.8	1	
8	0	960	1571	-1	0	1	1528	10.8	174.9	35.3	0.0	185.6	3	
9	0	962	16650	-1	0	1	10160	10.8	1162.7	373.9	0.0	1173.5	1	
2	12	-1634	-1049	1	0	-1	-1171	18.4	134.0	23.6	0.0	152.4	3	
7	12	-1636	-11600	1	0	-1	-8532	18.4	976.3	260.5	0.0	994.7	1	
8	12	972	1571	-1	0	1	1724	10.9	197.3	35.3	0.0	208.2	3	
9	12	973	16650	-1	0	1	12240	10.9	1400.7	373.9	0.0	1411.7	1	
2	25	-1623	-1049	1	0	-1	-1302	18.2	149.0	23.6	0.0	167.2	3	
7	25	-1624	-11600	1	0	-1	-9982	18.2	1142.3	260.5	0.0	1160.6	1	
8	25	983	1571	-1	0	1	1920	11.0	219.7	35.3	0.0	230.8	3	
9	25	984	16650	-1	0	1	14320	11.1	1638.8	373.9	0.0	1649.8	1	

ASTA NUM. 29 NI 4462 NF 4444 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2115	108	-1	0	-1	-1302	23.7	149.0	2.4	0.0	172.7	3	
7	0	-2116	-7747	-1	0	-1	-9982	23.8	1142.3	174.0	0.0	1166.1	1	
8	0	1239	-100	1	0	1	1920	13.9	219.7	2.2	0.0	233.6	3	
9	0	1241	11120	1	0	1	14320	13.9	1638.8	249.7	0.0	1652.7	1	
2	12	-2104	108	-1	0	-1	-1288	23.6	147.5	2.4	0.0	171.1	3	
7	12	-2104	-7747	-1	0	-1	-10951	23.6	1253.2	174.0	0.0	1276.8	1	
8	12	1250	-100	1	0	1	1908	14.0	218.3	2.2	0.0	232.3	3	
9	12	1252	11120	1	0	1	15710	14.1	1797.8	249.7	0.0	1811.9	1	
2	25	-2092	108	-1	0	-1	-1275	23.5	145.9	2.4	0.0	169.4	3	
7	25	-2093	-7747	-1	0	-1	-11920	23.5	1364.1	174.0	0.0	1387.6	1	
8	25	1262	-100	1	0	1	1895	14.2	216.9	2.2	0.0	231.0	3	
9	25	1264	11120	1	0	1	17100	14.2	1956.9	249.7	0.0	1971.1	1	

ASTA NUM. 30 NI 4444 NF 4443 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2585	1691	-2	0	-1	-1275	29.0	145.9	38.0	0.0	174.9	3	
7	0	-2587	-1452	-2	0	-1	-11920	29.0	1364.1	32.6	0.0	1393.1	1	
8	0	1519	-2394	3	0	1	1895	17.1	216.9	53.8	0.0	233.9	3	
9	0	1521	2096	3	0	1	17100	17.1	1956.9	47.1	0.0	1974.0	1	
2	12	-2574	1691	-2	0	-1	-1064	28.9	121.8	38.0	0.0	150.7	1	
7	12	-2576	-1452	-2	0	-1	-12100	28.9	1384.7	32.6	0.0	1413.6	1	
8	12	1530	-2394	3	0	1	1596	17.2	182.6	53.8	0.0	199.8	1	
9	12	1532	2096	3	0	1	17360	17.2	1986.6	47.1	0.0	2003.9	1	
2	25	-2563	1691	-2	0	-0	-853	28.8	97.6	38.0	0.0	126.4	1	
7	25	-2564	-1452	-2	0	-0	-12280	28.8	1405.3	32.6	0.0	1434.1	1	
8	25	1542	-2394	3	0	0	1297	17.3	148.4	53.8	0.0	165.7	1	
9	25	1544	2096	3	0	0	17620	17.3	2016.4	47.1	0.0	2033.7	1	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2585	0	512	11	11	11	1.00	1.00	87.6	
7	-2587	0	7368	11	11	11	1.00	1.00	872.4	
8	1542	0	778	11	11	11	1.00	1.00	106.4	

9 1544 0 10572 11 11 11 1.00 1.00 1227.2

ASTA NUM. 31 NI 4442 NF 4441 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-244	-858	-1	0	0	0	2.7	0.0	19.3	0.0	33.5	2	
7	0	-245	-5017	-1	0	0	0	2.7	0.0	112.7	0.0	195.2	2	
8	0	127	1254	1	0	0	0	1.4	0.0	28.2	0.0	48.8	2	
9	0	127	7195	1	0	0	0	1.4	0.0	161.6	0.0	279.8	2	
2	12	-233	-858	-1	0	0	-107	2.6	12.3	19.3	0.0	33.5	2	
7	12	-233	-5017	-1	0	0	-627	2.6	71.8	112.7	0.0	195.1	2	
8	12	139	1254	1	0	-0	157	1.6	17.9	28.2	0.0	48.8	2	
9	12	139	7195	1	0	-0	900	1.6	102.9	161.6	0.0	279.8	2	
2	25	-222	-858	-1	0	0	-214	2.5	24.5	19.3	0.0	33.4	2	
7	25	-222	-5017	-1	0	0	-1254	2.5	143.5	112.7	0.0	195.1	2	
8	25	150	1254	1	0	-0	313	1.7	35.9	28.2	0.0	48.8	2	
9	25	150	7195	1	0	-0	1799	1.7	205.9	161.6	0.0	279.8	2	

ASTA NUM. 32 NI 4441 NF 4440 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-711	-1640	-1	0	0	-214	8.0	24.5	36.8	0.0	64.3	2	
7	0	-711	-10640	-1	0	0	-1254	8.0	143.5	238.9	0.0	413.9	2	
8	0	405	2405	2	0	-0	313	4.5	35.9	54.0	0.0	93.7	2	
9	0	405	15260	2	0	-0	1799	4.5	205.9	342.7	0.0	593.5	2	
2	12	-700	-1640	-1	0	0	-419	7.9	48.0	36.8	0.0	64.3	2	
7	12	-700	-10640	-1	0	0	-2584	7.9	295.7	238.9	0.0	413.9	2	
8	12	416	2405	2	0	-1	614	4.7	70.3	54.0	0.0	93.7	2	
9	12	417	15260	2	0	-0	3706	4.7	424.2	342.7	0.0	593.5	2	
2	25	-688	-1640	-1	0	1	-624	7.7	71.4	36.8	0.0	79.2	3	
7	25	-688	-10640	-1	0	1	-3914	7.7	447.9	238.9	0.0	455.6	1	
8	25	427	2405	2	0	-1	915	4.8	104.7	54.0	0.0	109.5	3	
9	25	428	15260	2	0	-1	5614	4.8	642.5	342.7	0.0	647.3	1	

ASTA NUM. 33 NI 4440 NF 4439 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1178	-1663	-1	0	1	-624	13.2	71.4	37.3	0.0	84.7	3	
7	0	-1178	-12670	-1	0	1	-3914	13.2	447.9	284.5	0.0	493.0	2	
8	0	682	2452	2	0	-1	915	7.7	104.7	55.1	0.0	112.3	3	
9	0	683	18180	2	0	-1	5614	7.7	642.5	408.2	0.0	707.1	2	
2	12	-1166	-1663	-1	0	1	-832	13.1	95.2	37.3	0.0	108.3	3	
7	12	-1167	-12670	-1	0	1	-5498	13.1	629.1	284.5	0.0	642.2	1	
8	12	694	2452	2	0	-1	1221	7.8	139.8	55.1	0.0	147.6	3	
9	12	695	18180	2	0	-1	7887	7.8	902.6	408.2	0.0	910.4	1	
2	25	-1155	-1663	-1	0	1	-1040	13.0	119.0	37.3	0.0	132.0	3	
7	25	-1156	-12670	-1	0	1	-7081	13.0	810.3	284.5	0.0	823.3	1	
8	25	705	2452	2	0	-1	1528	7.9	174.9	55.1	0.0	182.8	3	
9	25	706	18180	2	0	-1	10160	7.9	1162.7	408.2	0.0	1170.6	1	

ASTA NUM. 34 NI 4439 NF 4438 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1646	-1048	-1	0	1	-1040	18.5	119.0	23.5	0.0	137.5	3	
7	0	-1646	-11600	-1	0	1	-7081	18.5	810.3	260.5	0.0	828.8	1	
8	0	960	1571	1	0	-1	1528	10.8	174.9	35.3	0.0	185.6	3	
9	0	962	16650	1	0	-1	10160	10.8	1162.7	373.9	0.0	1173.5	1	
2	12	-1634	-1048	-1	0	1	-1171	18.4	134.0	23.5	0.0	152.4	3	
7	12	-1635	-11600	-1	0	1	-8532	18.4	976.3	260.5	0.0	994.7	1	
8	12	972	1571	1	0	-1	1724	10.9	197.3	35.3	0.0	208.2	3	
9	12	973	16650	1	0	-1	12240	10.9	1400.7	373.9	0.0	1411.6	1	
2	25	-1623	-1048	-1	0	1	-1302	18.2	149.0	23.5	0.0	167.2	3	
7	25	-1624	-11600	-1	0	1	-9982	18.2	1142.3	260.5	0.0	1160.6	1	
8	25	983	1571	1	0	-1	1920	11.0	219.7	35.3	0.0	230.8	3	
9	25	984	16650	1	0	-1	14320	11.1	1638.8	373.9	0.0	1649.8	1	

ASTA NUM. 35 NI 4438 NF 4437 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2115	108	1	0	1	-1302	23.7	149.0	2.4	0.0	172.7	3	
7	0	-2116	-7747	1	0	1	-9982	23.8	1142.3	174.0	0.0	1166.1	1	
8	0	1239	-100	-1	0	-1	1920	13.9	219.7	2.2	0.0	233.6	3	
9	0	1241	11120	-1	0	-1	14320	13.9	1638.8	249.7	0.0	1652.7	1	
2	12	-2104	108	1	0	1	-1288	23.6	147.5	2.4	0.0	171.1	3	
7	12	-2104	-7747	1	0	1	-10951	23.6	1253.2	174.0	0.0	1276.8	1	
8	12	1250	-100	-1	0	-1	1908	14.0	218.3	2.2	0.0	232.4	3	
9	12	1252	11120	-1	0	-1	15710	14.1	1797.8	249.7	0.0	1811.9	1	
2	25	-2092	108	1	0	1	-1275	23.5	145.9	2.4	0.0	169.4	3	
7	25	-2093	-7747	1	0	1	-11920	23.5	1364.1	174.0	0.0	1387.6	1	
8	25	1262	-100	-1	0	-1	1896	14.2	217.0	2.2	0.0	231.1	3	
9	25	1264	11120	-1	0	-1	17100	14.2	1956.9	249.7	0.0	1971.1	1	

ASTA NUM. 36 NI 4437 NF 4436 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-2585	1691	2	0	1	-1275	29.0	145.9	38.0	0.0	174.9	3	
7	0	-2587	-1452	2	0	1	-11920	29.0	1364.1	32.6	0.0	1393.1	1	
8	0	1519	-2394	-3	0	-1	1896	17.1	217.0	53.8	0.0	234.0	1	
9	0	1521	2096	-3	0	-1	17100	17.1	1956.9	47.1	0.0	1974.0	1	
2	13	-2574	1691	2	0	1	-1064	28.9	121.7	38.0	0.0	150.6	1	
7	13	-2576	-1452	2	0	1	-12100	28.9	1384.7	32.6	0.0	1413.6	1	
8	13	1530	-2394	-3	0	-1	1596	17.2	182.7	53.8	0.0	199.9	1	
9	13	1532	2096	-3	0	-1	17360	17.2	1986.6	47.1	0.0	2003.9	1	
2	25	-2562	1691	2	0	0	-853	28.8	97.6	38.0	0.0	126.3	1	
7	25	-2564	-1452	2	0	0	-12280	28.8	1405.3	32.6	0.0	1434.1	1	
8	25	1542	-2394	-3	0	-0	1297	17.3	148.4	53.8	0.0	165.7	1	
9	25	1544	2096	-3	0	-0	17620	17.3	2016.4	47.1	0.0	2033.7	1	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2585	0	512	11	11	11	1.00	1.00	87.6	
7	-2587	0	7368	11	11	11	1.00	1.00	872.4	
8	1542	0	778	11	11	11	1.00	1.00	106.4	
9	1544	0	10572	11	11	11	1.00	1.00	1227.2	

ASTA NUM. 37 NI 2475 NF 2478 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-249	-864	-1	0	0	0	2.8	0.0	19.4	0.0	33.7	2	
7	0	-249	-5023	-1	0	0	0	2.8	0.0	112.8	0.0	195.4	2	
8	0	134	1263	1	0	0	0	1.5	0.0	28.4	0.0	49.1	2	
9	0	134	7205	1	0	0	0	1.5	0.0	161.8	0.0	280.2	2	
2	12	-238	-864	-1	0	0	-108	2.7	12.4	19.4	0.0	33.7	2	
7	12	-238	-5023	-1	0	0	-628	2.7	71.9	112.8	0.0	195.4	2	
8	12	146	1263	1	0	-0	158	1.6	18.1	28.4	0.0	49.2	2	
9	12	146	7205	1	0	-0	900	1.6	103.1	161.8	0.0	280.2	2	
2	25	-226	-864	-1	0	0	-216	2.5	24.7	19.4	0.0	33.7	2	
7	25	-226	-5023	-1	0	0	-1256	2.5	143.7	112.8	0.0	195.4	2	
8	25	157	1263	1	0	-0	316	1.8	36.1	28.4	0.0	49.2	2	
9	25	157	7205	1	0	-0	1801	1.8	206.1	161.8	0.0	280.2	2	

ASTA NUM. 38 NI 2478 NF 3611 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-725	-1653	-1	0	0	-216	8.1	24.7	37.1	0.0	64.8	2	
7	0	-725	-10650	-1	0	0	-1256	8.1	143.7	239.2	0.0	414.3	2	
8	0	426	2424	2	0	-0	316	4.8	36.1	54.4	0.0	94.4	2	
9	0	426	15280	2	0	-0	1801	4.8	206.1	343.1	0.0	594.3	2	

2	12	-714	-1653	-1	0	0	-422	8.0	48.4	37.1	0.0	64.8	2
7	12	-714	-10650	-1	0	0	-2588	8.0	296.1	239.2	0.0	414.3	2
8	12	437	2424	2	0	-0	619	4.9	70.8	54.4	0.0	94.4	2
9	12	437	15280	2	0	-0	3711	4.9	424.7	343.1	0.0	594.3	2
2	25	-702	-1653	-1	0	0	-629	7.9	72.0	37.1	0.0	79.9	3
7	25	-702	-10650	-1	0	0	-3919	7.9	448.5	239.2	0.0	456.4	1
8	25	448	2424	2	0	-1	922	5.0	105.5	54.4	0.0	110.5	3
9	25	449	15280	2	0	-1	5621	5.0	643.3	343.1	0.0	648.3	1

ASTA NUM. 39 NI 3611 NF 3782 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-1201	-1678	-1	0	0	-629	13.5	72.0	37.7	0.0	85.5	3			
7	0	-1202	-12690	-1	0	0	-3919	13.5	448.5	285.0	0.0	493.8	2			
8	0	717	2475	2	0	-1	922	8.1	105.5	55.6	0.0	113.5	3			
9	0	718	18200	2	0	-1	5621	8.1	643.3	408.7	0.0	707.9	2			
2	12	-1190	-1678	-1	0	1	-839	13.4	96.0	37.7	0.0	109.4	3			
7	12	-1190	-12690	-1	0	1	-5504	13.4	629.9	285.0	0.0	643.3	1			
8	12	728	2475	2	0	-1	1231	8.2	140.9	55.6	0.0	149.1	3			
9	12	729	18200	2	0	-1	7896	8.2	903.5	408.7	0.0	911.7	1			
2	25	-1178	-1678	-1	0	1	-1049	13.2	120.0	37.7	0.0	133.3	3			
7	25	-1179	-12690	-1	0	1	-7090	13.2	811.4	285.0	0.0	824.6	1			
8	25	740	2475	2	0	-1	1541	8.3	176.3	55.6	0.0	184.7	3			
9	25	740	18200	2	0	-1	10170	8.3	1163.8	408.7	0.0	1172.2	1			

ASTA NUM. 40 NI 3782 NF 4486 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-1678	-1061	-0	0	1	-1049	18.8	120.0	23.8	0.0	138.9	3			
7	0	-1679	-11610	-0	0	1	-7090	18.9	811.4	260.7	0.0	830.2	1			
8	0	1009	1590	1	0	-1	1541	11.3	176.3	35.7	0.0	187.7	3			
9	0	1010	16670	1	0	-1	10170	11.3	1163.8	374.3	0.0	1175.2	1			
2	12	-1667	-1061	-0	0	1	-1182	18.7	135.2	23.8	0.0	153.9	3			
7	12	-1668	-11610	-0	0	1	-8542	18.7	977.5	260.7	0.0	996.3	1			
8	12	1020	1590	1	0	-1	1740	11.5	199.1	35.7	0.0	210.5	3			
9	12	1022	16670	1	0	-1	12255	11.5	1402.4	374.3	0.0	1413.9	1			
2	25	-1656	-1061	-0	0	1	-1314	18.6	150.4	23.8	0.0	169.0	3			
7	25	-1656	-11610	-0	0	1	-9994	18.6	1143.7	260.7	0.0	1162.3	1			
8	25	1032	1590	1	0	-1	1938	11.6	221.8	35.7	0.0	233.4	3			
9	25	1033	16670	1	0	-1	14340	11.6	1641.0	374.3	0.0	1652.6	1			

ASTA NUM. 41 NI 4486 NF 4487 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-2157	100	0	0	1	-1314	24.2	150.4	2.3	0.0	174.6	3			
7	0	-2158	-7754	0	0	1	-9994	24.2	1143.7	174.1	0.0	1167.9	1			
8	0	1302	-88	-1	0	-1	1938	14.6	221.8	2.0	0.0	236.4	3			
9	0	1303	11130	-1	0	-1	14340	14.6	1641.0	249.9	0.0	1655.7	1			
2	12	-2146	100	0	0	1	-1302	24.1	148.9	2.3	0.0	173.0	3			
7	12	-2146	-7754	0	0	1	-10962	24.1	1254.5	174.1	0.0	1278.6	1			
8	12	1314	-88	-1	0	-1	1927	14.7	220.5	2.0	0.0	235.3	3			
9	12	1314	11130	-1	0	-1	15730	14.8	1800.1	249.9	0.0	1814.9	1			
2	25	-2134	100	0	0	1	-1289	24.0	147.5	2.3	0.0	171.5	1			
7	25	-2135	-7754	0	0	1	-11930	24.0	1365.2	174.1	0.0	1389.2	1			
8	25	1325	-88	-1	0	-1	1916	14.9	219.3	2.0	0.0	234.1	3			
9	25	1326	11130	-1	0	-1	17120	14.9	1959.2	249.9	0.0	1974.1	1			

ASTA NUM. 42 NI 4487 NF 4435 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-2637	1692	2	0	1	-1289	29.6	147.5	38.0	0.0	177.1	1			
7	0	-2638	-1451	2	0	1	-11930	29.6	1365.2	32.6	0.0	1394.9	1			
8	0	1596	-2395	-3	0	-1	1916	17.9	219.3	53.8	0.0	237.2	3			
9	0	1597	2095	-3	0	-1	17120	17.9	1959.2	47.0	0.0	1977.1	1			
2	13	-2626	1692	2	0	0	-1077	29.5	123.3	38.0	0.0	152.8	1			
7	13	-2626	-1451	2	0	0	-12110	29.5	1385.8	32.6	0.0	1415.3	1			
8	13	1608	-2395	-3	0	-1	1616	18.0	185.0	53.8	0.0	203.0	1			

9	13	1608	2095	-3	0	-1	17380	18.1	1988.9	47.0	0.0	2007.0	1
2	25	-2614	1692	2	0	0	-866	29.3	99.1	38.0	0.0	128.4	1
7	25	-2615	-1451	2	0	0	-12290	29.4	1406.4	32.6	0.0	1435.8	1
8	25	1619	-2395	-3	0	-0	1317	18.2	150.7	53.8	0.0	168.9	1
9	25	1620	2095	-3	0	-0	17640	18.2	2018.7	47.0	0.0	2036.9	1

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGAl	Sf	Nota
	kg	kg*m							kg/cmq	
2	-2637	0	520	11	11	11	1.00	1.00	89.1	
7	-2638	0	7374	11	11	11	1.00	1.00	873.6	
8	1619	0	790	11	11	11	1.00	1.00	108.6	
9	1620	0	10584	11	11	11	1.00	1.00	1229.4	

Lavoro: **SOSTEGNO TRACKER** Intestazione lavoro: **SOSTEGNI TRACKER GROTTAGLIE**
 Elemento: **TRAVE** Metodo di verifica: **Stati limite**
 Gruppo: **5** Descrizione: **PILASTRO INFISSO SCHEMA 0 GRADI**
 Tabella: **Tabella pilastri** Struttura: **Nuova**
 Tipo acciaio: **S 355** Beta piano 'yx': **1.000** Beta piano 'zx': **1.000**

ASTA NUM. 1 NI 4400 NF 4399 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-117	261	-0	0	0	0	1.3	0.0	5.9	0.0	10.2	2	
7	0	-117	-219	-0	0	0	0	1.3	0.0	4.9	0.0	8.6	2	
8	0	-27	-599	-2	0	0	0	0.3	0.0	13.4	0.0	23.3	2	
9	0	-27	602	-2	0	0	0	0.3	0.0	13.5	0.0	23.4	2	
2	12	-106	261	-0	0	0	33	1.2	3.7	5.9	0.0	10.2	2	
7	12	-106	-219	-0	0	0	-27	1.2	3.1	4.9	0.0	8.6	2	
8	12	-16	-599	-2	0	0	-75	0.2	8.6	13.4	0.0	23.3	2	
9	12	-16	602	-2	0	0	75	0.2	8.6	13.5	0.0	23.4	2	
2	25	-94	261	-0	0	0	65	1.1	7.5	5.9	0.0	10.2	2	
7	25	-94	-219	-0	0	0	-55	1.1	6.3	4.9	0.0	8.6	2	
8	25	-4	-599	-2	0	1	-150	0.1	17.1	13.4	0.0	23.3	2	
9	25	-4	602	-2	0	1	150	0.0	17.2	13.5	0.0	23.4	2	

ASTA NUM. 2 NI 4399 NF 4398 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-328	563	-1	0	0	65	3.7	7.5	12.6	0.0	22.2	2	
7	0	-328	-471	-1	0	0	-55	3.7	6.3	10.6	0.0	18.7	2	
8	0	-59	-1290	-4	0	1	-150	0.7	17.1	29.0	0.0	50.2	2	
9	0	-59	1296	-3	0	1	150	0.7	17.2	29.1	0.0	50.4	2	
2	12	-317	563	-1	0	0	136	3.6	15.5	12.6	0.0	22.2	2	
7	12	-317	-471	-1	0	0	-113	3.6	13.0	10.6	0.0	18.7	2	
8	12	-48	-1290	-4	0	1	-311	0.5	35.6	29.0	0.0	50.2	2	
9	12	-48	1296	-3	0	1	312	0.5	35.8	29.1	0.0	50.4	2	
2	25	-306	563	-1	0	0	206	3.4	23.6	12.6	0.0	27.0	3	
7	25	-306	-471	-1	0	0	-172	3.4	19.7	10.6	0.0	23.2	3	
8	25	-36	-1290	-4	0	1	-472	0.4	54.0	29.0	0.0	54.4	3	
9	25	-36	1296	-3	0	1	474	0.4	54.3	29.1	0.0	54.7	3	

ASTA NUM. 3 NI 4398 NF 4397 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-540	684	-1	0	0	206	6.1	23.6	15.4	0.0	29.6	1	
7	0	-540	-572	-1	0	0	-172	6.1	19.7	12.8	0.0	25.8	1	
8	0	-91	-1568	-3	0	1	-472	1.0	54.0	35.2	0.0	61.0	2	
9	0	-91	1576	-3	0	1	474	1.0	54.3	35.4	0.0	61.3	2	
2	12	-529	684	-1	0	0	292	5.9	33.4	15.4	0.0	39.3	3	
7	12	-529	-572	-1	0	0	-244	5.9	27.9	12.8	0.0	33.8	3	
8	12	-79	-1568	-3	0	2	-668	0.9	76.5	35.2	0.0	77.3	3	
9	12	-79	1576	-3	0	2	671	0.9	76.8	35.4	0.0	77.7	3	
2	25	-517	684	-1	0	1	377	5.8	43.2	15.4	0.0	49.0	3	
7	25	-517	-572	-1	0	1	-315	5.8	36.1	12.8	0.0	41.9	3	
8	25	-68	-1568	-3	0	2	-864	0.8	98.9	35.2	0.0	99.6	3	
9	25	-68	1576	-3	0	2	868	0.8	99.4	35.4	0.0	100.1	3	

ASTA NUM. 4 NI 4397 NF 4396 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-752	650	-2	0	1	377	8.4	43.2	14.6	0.0	51.6	3	
7	0	-752	-542	-2	0	1	-315	8.4	36.1	12.2	0.0	44.5	3	
8	0	-122	-1487	-0	0	2	-864	1.4	98.9	33.4	0.0	100.2	3	
9	0	-122	1495	0	0	2	868	1.4	99.4	33.6	0.0	100.7	3	
2	12	-741	650	-2	0	1	458	8.3	52.5	14.6	0.0	60.8	3	
7	12	-741	-542	-2	0	1	-383	8.3	43.8	12.2	0.0	52.2	3	
8	12	-111	-1487	-0	0	2	-1050	1.2	120.2	33.4	0.0	121.4	3	
9	12	-111	1495	0	0	2	1055	1.2	120.8	33.6	0.0	122.0	3	
2	25	-729	650	-2	0	1	540	8.2	61.8	14.6	0.0	69.9	3	
7	25	-729	-542	-2	0	1	-451	8.2	51.6	12.2	0.0	59.8	3	
8	25	-100	-1487	-0	0	2	-1236	1.1	141.4	33.4	0.0	142.6	3	
9	25	-99	1495	0	0	2	1242	1.1	142.1	33.6	0.0	143.2	3	

ASTA NUM. 5 NI 4396 NF 4395 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-965	474	-2	0	1	540	10.8	61.8	10.6	0.0	72.6	3	
7	0	-965	-393	-2	0	1	-451	10.8	51.6	8.8	0.0	62.4	3	
8	0	-154	-1082	4	0	2	-1236	1.7	141.4	24.3	0.0	143.2	3	
9	0	-154	1087	4	0	2	1242	1.7	142.1	24.4	0.0	143.9	3	
2	12	-953	474	-2	0	1	599	10.7	68.5	10.6	0.0	79.2	3	
7	12	-953	-393	-2	0	1	-500	10.7	57.2	8.8	0.0	67.9	3	
8	12	-143	-1082	4	0	2	-1371	1.6	156.9	24.3	0.0	158.5	3	
9	12	-142	1087	4	0	1	1378	1.6	157.7	24.4	0.0	159.3	1	
2	25	-942	474	-2	0	1	658	10.6	75.3	10.6	0.0	85.9	3	
7	25	-942	-393	-2	0	2	-549	10.6	62.8	8.8	0.0	73.4	3	
8	25	-132	-1082	4	0	1	-1506	1.5	172.3	24.3	0.0	173.8	3	
9	25	-131	1087	4	0	1	1514	1.5	173.3	24.4	0.0	174.7	1	

ASTA NUM. 6 NI 4395 NF 4394 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1178	170	-2	0	1	658	13.2	75.3	3.8	0.0	88.5	3	
7	0	-1178	-139	-2	0	2	-549	13.2	62.8	3.1	0.0	76.1	3	
8	0	-186	-386	9	0	1	-1506	2.1	172.3	8.7	0.0	174.4	1	
9	0	-186	388	10	0	1	1514	2.1	173.3	8.7	0.0	175.3	1	
2	13	-1166	170	-2	0	2	679	13.1	77.7	3.8	0.0	90.8	3	
7	13	-1166	-139	-2	0	2	-567	13.1	64.8	3.1	0.0	77.9	3	
8	13	-175	-386	9	0	0	-1554	2.0	177.9	8.7	0.0	179.9	1	
9	13	-174	388	10	0	-0	1562	2.0	178.8	8.7	0.0	180.8	1	
2	25	-1155	170	-2	0	2	701	13.0	80.2	3.8	0.0	93.1	3	
7	25	-1155	-139	-2	0	2	-584	13.0	66.8	3.1	0.0	79.8	3	
8	25	-164	-386	9	0	-1	-1603	1.8	183.4	8.7	0.0	185.3	1	
9	25	-163	388	10	0	-1	1611	1.8	184.4	8.7	0.0	186.2	1	

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n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m			kg/cmq					
2	-1178	1	420	11	11	11	1.00	1.00	61.5	
7	-1178	1	350	11	11	11	1.00	1.00	53.5	
8	-186	1	962	11	11	11	1.00	1.00	112.2	
9	-186	1	967	11	11	11	1.00	1.00	112.8	

ASTA NUM. 7 NI 3794 NF 3784 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-117	192	-1	0	0	0	1.3	0.0	4.3	0.0	7.6	2	
7	0	-117	-151	-1	0	0	0	1.3	0.0	3.4	0.0	6.0	2	
8	0	-28	-428	2	0	0	0	0.3	0.0	9.6	0.0	16.6	2	

9	0	-28	431	3	0	0	0	0.3	0.0	9.7	0.0	16.8	2
2	12	-106	192	-1	0	0	24	1.2	2.8	4.3	0.0	7.6	2
7	12	-106	-151	-1	0	0	-19	1.2	2.2	3.4	0.0	6.0	2
8	12	-16	-428	2	0	-0	-54	0.2	6.1	9.6	0.0	16.6	2
9	12	-16	431	3	0	-0	54	0.2	6.2	9.7	0.0	16.7	2
2	25	-94	192	-1	0	0	48	1.1	5.5	4.3	0.0	7.6	2
7	25	-94	-151	-1	0	0	-38	1.1	4.3	3.4	0.0	6.0	2
8	25	-5	-428	2	0	-1	-107	0.1	12.2	9.6	0.0	16.6	2
9	25	-5	431	3	0	-1	108	0.1	12.3	9.7	0.0	16.7	2

ASTA NUM. 8 NI 3784 NF 3780 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-328	417	-2	0	0	48	3.7	5.5	9.4	0.0	16.6	2			
7	0	-328	-326	-3	0	0	-38	3.7	4.3	7.3	0.0	13.2	2			
8	0	-60	-926	4	0	-1	-107	0.7	12.2	20.8	0.0	36.0	2			
9	0	-60	932	5	0	-1	108	0.7	12.3	20.9	0.0	36.3	2			
2	12	-317	417	-2	0	1	100	3.6	11.5	9.4	0.0	16.6	2			
7	12	-317	-326	-3	0	1	-78	3.6	9.0	7.3	0.0	13.2	2			
8	12	-49	-926	4	0	-1	-223	0.5	25.5	20.8	0.0	36.0	2			
9	12	-48	932	5	0	-1	224	0.5	25.7	20.9	0.0	36.3	2			
2	25	-306	417	-2	0	1	152	3.4	17.4	9.4	0.0	20.9	3			
7	25	-306	-326	-3	0	1	-119	3.4	13.6	7.3	0.0	17.1	3			
8	25	-37	-926	4	0	-2	-339	0.4	38.7	20.8	0.0	39.2	3			
9	25	-37	932	5	0	-2	341	0.4	39.0	20.9	0.0	39.4	3			

ASTA NUM. 10 NI 3780 NF 3771 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-540	510	-3	0	1	152	6.1	17.4	11.5	0.0	23.5	3			
7	0	-540	-399	-3	0	1	-119	6.1	13.6	9.0	0.0	19.7	3			
8	0	-92	-1134	4	0	-2	-339	1.0	38.7	25.5	0.0	44.1	2			
9	0	-92	1142	5	0	-2	341	1.0	39.0	25.6	0.0	44.4	2			
2	12	-529	510	-3	0	1	216	5.9	24.7	11.5	0.0	30.7	3			
7	12	-529	-399	-3	0	1	-169	5.9	19.4	9.0	0.0	25.3	3			
8	12	-81	-1134	4	0	-2	-480	0.9	55.0	25.5	0.0	55.9	3			
9	12	-81	1142	5	0	-2	483	0.9	55.3	25.6	0.0	56.2	3			
2	25	-517	510	-3	0	2	280	5.8	32.0	11.5	0.0	37.8	3			
7	25	-518	-399	-3	0	2	-219	5.8	25.1	9.0	0.0	30.9	3			
8	25	-70	-1134	4	0	-3	-622	0.8	71.2	25.5	0.0	72.0	3			
9	25	-70	1142	5	0	-3	626	0.8	71.7	25.6	0.0	72.4	3			

ASTA NUM. 11 NI 3771 NF 3774 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-752	490	-2	0	2	280	8.4	32.0	11.0	0.0	40.5	3			
7	0	-752	-384	-2	0	2	-219	8.4	25.1	8.6	0.0	33.5	3			
8	0	-125	-1089	2	0	-3	-622	1.4	71.2	24.5	0.0	72.6	3			
9	0	-125	1096	3	0	-3	626	1.4	71.7	24.6	0.0	73.0	3			
2	12	-741	490	-2	0	2	341	8.3	39.0	11.0	0.0	47.4	3			
7	12	-741	-384	-2	0	2	-267	8.3	30.6	8.6	0.0	38.9	3			
8	12	-113	-1089	2	0	-3	-758	1.3	86.8	24.5	0.0	88.1	3			
9	12	-113	1096	3	0	-3	763	1.3	87.3	24.6	0.0	88.6	3			
2	25	-730	490	-2	0	2	402	8.2	46.1	11.0	0.0	54.2	3			
7	25	-730	-384	-2	0	2	-315	8.2	36.0	8.6	0.0	44.2	3			
8	25	-102	-1089	2	0	-3	-895	1.1	102.4	24.5	0.0	103.5	3			
9	25	-102	1096	3	0	-4	900	1.1	103.0	24.6	0.0	104.2	3			

ASTA NUM. 9 NI 3774 NF 3773 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-965	366	-0	0	2	402	10.8	46.1	8.2	0.0	56.9	3			
7	0	-965	-287	-1	0	2	-315	10.8	36.0	6.4	0.0	46.9	3			
8	0	-157	-814	-1	0	-3	-895	1.8	102.4	18.3	0.0	104.1	3			
9	0	-157	819	-1	0	-4	900	1.8	103.0	18.4	0.0	104.8	3			
2	12	-954	366	-0	0	2	448	10.7	51.3	8.2	0.0	62.0	3			

7	12	-954	-287	-1	0	2	-351	10.7	40.2	6.4	0.0	50.9	3
8	12	-146	-814	-1	0	-3	-996	1.6	114.0	18.3	0.0	115.7	3
9	12	-146	819	-1	0	-4	1003	1.6	114.7	18.4	0.0	116.4	3
2	25	-942	366	-0	0	2	494	10.6	56.5	8.2	0.0	67.1	3
7	25	-942	-287	-1	0	2	-387	10.6	44.3	6.4	0.0	54.8	3
8	25	-135	-814	-1	0	-3	-1098	1.5	125.7	18.3	0.0	127.2	3
9	25	-134	819	-1	0	-3	1105	1.5	126.5	18.4	0.0	128.0	3

ASTA NUM. 12 NI 3773 NF 3772 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1178	149	2	0	2	494	13.2	56.5	3.3	0.0	69.7	3		
7	0	-1178	-117	2	0	2	-387	13.2	44.3	2.6	0.0	57.5	3		
8	0	-190	-331	-6	0	-3	-1098	2.1	125.7	7.4	0.0	127.8	3		
9	0	-190	333	-6	0	-3	1105	2.1	126.5	7.5	0.0	128.6	3		
2	12	-1166	149	2	0	2	512	13.1	58.6	3.3	0.0	71.7	3		
7	12	-1167	-117	2	0	2	-401	13.1	45.9	2.6	0.0	59.0	3		
8	12	-179	-331	-6	0	-2	-1140	2.0	130.4	7.4	0.0	132.4	1		
9	12	-178	333	-6	0	-3	1146	2.0	131.2	7.5	0.0	133.2	3		
2	25	-1155	149	2	0	2	531	13.0	60.8	3.3	0.0	73.7	3		
7	25	-1156	-117	2	0	2	-416	13.0	47.6	2.6	0.0	60.6	3		
8	25	-167	-331	-6	0	-1	-1181	1.9	135.2	7.4	0.0	137.0	1		
9	25	-167	333	-6	0	-2	1188	1.9	136.0	7.5	0.0	137.8	1		

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n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGAl	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1178	1	319	11	11	11	1.00	1.00	49.8	
7	-1178	1	250	11	11	11	1.00	1.00	41.9	
8	-190	1	709	11	11	11	1.00	1.00	83.3	
9	-190	1	713	11	11	11	1.00	1.00	83.8	

ASTA NUM. 13 NI 1524 NF 4403 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-119	210	0	0	0	0	1.3	0.0	4.7	0.0	8.3	2		
7	0	-119	-168	-0	0	0	0	1.3	0.0	3.8	0.0	6.7	2		
8	0	-26	-472	0	0	0	0	0.3	0.0	10.6	0.0	18.3	2		
9	0	-26	474	1	0	0	0	0.3	0.0	10.6	0.0	18.4	2		
2	12	-107	210	0	0	-0	26	1.2	3.0	4.7	0.0	8.3	2		
7	12	-108	-168	-0	0	0	-21	1.2	2.4	3.8	0.0	6.6	2		
8	12	-15	-472	0	0	-0	-59	0.2	6.7	10.6	0.0	18.3	2		
9	12	-15	474	1	0	-0	59	0.2	6.8	10.6	0.0	18.4	2		
2	25	-96	210	0	0	-0	52	1.1	6.0	4.7	0.0	8.2	2		
7	25	-96	-168	-0	0	0	-42	1.1	4.8	3.8	0.0	6.6	2		
8	25	-4	-472	0	0	-0	-118	0.0	13.5	10.6	0.0	18.3	2		
9	25	-3	474	1	0	-0	118	0.0	13.6	10.6	0.0	18.4	2		

ASTA NUM. 14 NI 4403 NF 1605 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-334	463	-0	0	-0	52	3.7	6.0	10.4	0.0	18.4	2		
7	0	-334	-372	-0	0	0	-42	3.7	4.8	8.4	0.0	15.0	2		
8	0	-56	-1042	0	0	-0	-118	0.6	13.5	23.4	0.0	40.5	2		
9	0	-56	1048	1	0	-0	118	0.6	13.6	23.5	0.0	40.8	2		
2	12	-322	463	-0	0	-0	110	3.6	12.6	10.4	0.0	18.4	2		
7	12	-323	-372	-0	0	0	-88	3.6	10.1	8.4	0.0	14.9	2		
8	12	-45	-1042	0	0	-0	-248	0.5	28.4	23.4	0.0	40.5	2		
9	12	-44	1048	1	0	-0	250	0.5	28.6	23.5	0.0	40.8	2		
2	25	-311	463	-0	0	-0	168	3.5	19.3	10.4	0.0	22.8	1		
7	25	-311	-372	-0	0	0	-135	3.5	15.4	8.4	0.0	18.9	1		
8	25	-33	-1042	0	0	-0	-378	0.4	43.3	23.4	0.0	43.7	1		
9	25	-33	1048	1	0	-1	380	0.4	43.5	23.5	0.0	43.9	3		

ASTA NUM. 15 NI 1605 NF 1532 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-549	580	-0	0	-0	168	6.2	19.3	13.0	0.0	25.4	1	
7	0	-549	-469	-1	0	0	-135	6.2	15.4	10.5	0.0	21.6	1	
8	0	-86	-1309	0	0	-0	-378	1.0	43.3	29.4	0.0	50.9	2	
9	0	-85	1317	2	0	-1	380	1.0	43.5	29.6	0.0	51.2	2	
2	12	-538	580	-0	0	0	241	6.0	27.6	13.0	0.0	33.6	1	
7	12	-538	-469	-1	0	0	-194	6.0	22.2	10.5	0.0	28.2	1	
8	12	-74	-1309	0	0	-0	-542	0.8	62.0	29.4	0.0	62.9	1	
9	12	-74	1317	2	0	-1	545	0.8	62.4	29.6	0.0	63.2	3	
2	25	-526	580	-0	0	0	313	5.9	35.9	13.0	0.0	41.8	1	
7	25	-526	-469	-1	0	0	-252	5.9	28.9	10.5	0.0	34.8	3	
8	25	-63	-1309	0	0	-0	-706	0.7	80.8	29.4	0.0	81.5	3	
9	25	-62	1317	2	0	-1	710	0.7	81.2	29.6	0.0	81.9	3	

ASTA NUM. 16 NI 1532 NF 1525 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-764	579	-1	0	0	313	8.6	35.9	13.0	0.0	44.4	1	
7	0	-765	-472	-2	0	0	-252	8.6	28.9	10.6	0.0	37.5	1	
8	0	-116	-1311	0	0	-0	-706	1.3	80.8	29.4	0.0	82.1	3	
9	0	-114	1318	2	0	-1	710	1.3	81.2	29.6	0.0	82.5	3	
2	12	-753	579	-1	0	0	386	8.5	44.1	13.0	0.0	52.6	1	
7	12	-754	-472	-2	0	1	-311	8.5	35.6	10.6	0.0	44.1	3	
8	12	-104	-1311	0	0	-0	-869	1.2	99.5	29.4	0.0	100.7	3	
9	12	-103	1318	2	0	-1	874	1.2	100.1	29.6	0.0	101.2	3	
2	25	-742	579	-1	0	0	458	8.3	52.4	13.0	0.0	60.8	3	
7	25	-742	-472	-2	0	1	-370	8.3	42.4	10.6	0.0	50.7	3	
8	25	-93	-1311	0	0	-0	-1033	1.0	118.2	29.4	0.0	119.3	3	
9	25	-92	1318	2	0	-1	1039	1.0	118.9	29.6	0.0	119.9	3	

ASTA NUM. 17 NI 1525 NF 1607 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-981	467	-2	0	0	458	11.0	52.4	10.5	0.0	63.4	1	
7	0	-981	-387	-2	0	1	-370	11.0	42.4	8.7	0.0	53.4	3	
8	0	-146	-1066	-0	0	-0	-1033	1.6	118.2	23.9	0.0	119.9	3	
9	0	-144	1072	1	0	-1	1039	1.6	118.9	24.1	0.0	120.5	3	
2	12	-969	467	-2	0	1	516	10.9	59.1	10.5	0.0	70.0	3	
7	12	-970	-387	-2	0	1	-419	10.9	47.9	8.7	0.0	58.8	3	
8	12	-134	-1066	-0	0	-0	-1166	1.5	133.5	23.9	0.0	135.0	1	
9	12	-133	1072	1	0	-2	1173	1.5	134.2	24.1	0.0	135.7	3	
2	25	-958	467	-2	0	1	575	10.8	65.8	10.5	0.0	76.5	3	
7	25	-958	-387	-2	0	1	-467	10.8	53.5	8.7	0.0	64.2	3	
8	25	-123	-1066	-0	0	-0	-1300	1.4	148.8	23.9	0.0	150.2	1	
9	25	-121	1072	1	0	-2	1307	1.4	149.6	24.1	0.0	150.9	3	

ASTA NUM. 18 NI 1607 NF 1606 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
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	cm	kg			kg*m			kg/cmq						
2	0	-1197	254	-3	0	1	575	13.4	65.8	5.7	0.0	79.2	1	
7	0	-1198	-222	-3	0	1	-467	13.5	53.5	5.0	0.0	66.9	3	
8	0	-176	-594	-0	0	-0	-1300	2.0	148.8	13.3	0.0	150.7	1	
9	0	-174	597	0	0	-2	1307	2.0	149.6	13.4	0.0	151.5	3	
2	12	-1186	254	-3	0	1	607	13.3	69.4	5.7	0.0	82.7	3	
7	12	-1186	-222	-3	0	2	-495	13.3	56.6	5.0	0.0	70.0	3	
8	12	-164	-594	-0	0	-0	-1374	1.8	157.2	13.3	0.0	159.1	1	
9	12	-162	597	0	0	-2	1382	1.8	158.1	13.4	0.0	159.9	3	
2	25	-1175	254	-3	0	2	638	13.2	73.1	5.7	0.0	86.3	3	
7	25	-1175	-222	-3	0	2	-523	13.2	59.8	5.0	0.0	73.0	3	
8	25	-153	-594	-0	0	-0	-1448	1.7	165.7	13.3	0.0	167.4	1	
9	25	-151	597	0	0	-2	1456	1.7	166.6	13.4	0.0	168.3	3	

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n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
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	kg		kg*m						kg/cmq
2	-1197	1	383	11	11	11	1.00	1.00	57.4
7	-1198	1	314	11	11	11	1.00	1.00	49.5
8	-176	0	869	11	11	11	1.00	1.00	101.4
9	-174	1	874	11	11	11	1.00	1.00	102.0

ASTA NUM. 19 NI 4412 NF 4413 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-118	206	-1	0	0	0	1.3	0.0	4.6	0.0	8.1	2	
7	0	-118	-164	-1	0	0	0	1.3	0.0	3.7	0.0	6.5	2	
8	0	-25	-463	0	0	0	0	0.3	0.0	10.4	0.0	18.0	2	
9	0	-25	465	0	0	0	0	0.3	0.0	10.5	0.0	18.1	2	
2	12	-107	206	-1	0	0	26	1.2	3.0	4.6	0.0	8.1	2	
7	12	-107	-164	-1	0	0	-21	1.2	2.4	3.7	0.0	6.5	2	
8	12	-13	-463	0	0	-0	-58	0.1	6.6	10.4	0.0	18.0	2	
9	12	-13	465	0	0	-0	58	0.1	6.7	10.5	0.0	18.1	2	
2	25	-95	206	-1	0	0	52	1.1	5.9	4.6	0.0	8.1	2	
7	25	-95	-164	-1	0	0	-41	1.1	4.7	3.7	0.0	6.5	2	
8	25	-2	-463	0	0	-0	-116	0.0	13.2	10.4	0.0	18.0	2	
9	25	-2	465	0	0	-0	116	0.0	13.3	10.5	0.0	18.1	2	

ASTA NUM. 20 NI 4413 NF 4414 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-331	445	-2	0	0	52	3.7	5.9	10.0	0.0	17.7	2	
7	0	-331	-354	-2	0	0	-41	3.7	4.7	7.9	0.0	14.3	2	
8	0	-51	-997	0	0	-0	-116	0.6	13.2	22.4	0.0	38.8	2	
9	0	-51	1003	1	0	-0	116	0.6	13.3	22.5	0.0	39.0	2	
2	12	-320	445	-2	0	0	107	3.6	12.3	10.0	0.0	17.7	2	
7	12	-320	-354	-2	0	0	-85	3.6	9.8	7.9	0.0	14.2	2	
8	12	-40	-997	0	0	-0	-240	0.4	27.5	22.4	0.0	38.8	2	
9	12	-40	1003	1	0	-0	242	0.4	27.7	22.5	0.0	39.0	2	
2	25	-308	445	-2	0	1	163	3.5	18.6	10.0	0.0	22.1	3	
7	25	-308	-354	-2	0	1	-130	3.5	14.8	7.9	0.0	18.3	3	
8	25	-29	-997	0	0	-0	-365	0.3	41.7	22.4	0.0	42.1	1	
9	25	-29	1003	1	0	-0	367	0.3	42.0	22.5	0.0	42.3	1	

ASTA NUM. 21 NI 4414 NF 4415 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-544	542	-2	0	1	163	6.1	18.6	12.2	0.0	24.8	3	
7	0	-544	-430	-2	0	1	-130	6.1	14.8	9.7	0.0	20.9	3	
8	0	-78	-1212	0	0	-0	-365	0.9	41.7	27.2	0.0	47.1	2	
9	0	-78	1219	1	0	-0	367	0.9	42.0	27.4	0.0	47.4	2	
2	12	-533	542	-2	0	1	231	6.0	26.4	12.2	0.0	32.4	3	
7	12	-533	-430	-2	0	1	-183	6.0	21.0	9.7	0.0	27.0	3	
8	12	-67	-1212	0	0	-0	-516	0.7	59.1	27.2	0.0	59.8	1	
9	12	-67	1219	1	0	-1	519	0.7	59.4	27.4	0.0	60.2	3	
2	25	-522	542	-2	0	1	298	5.9	34.1	12.2	0.0	40.0	3	
7	25	-522	-430	-2	0	1	-237	5.9	27.1	9.7	0.0	33.0	3	
8	25	-55	-1212	0	0	-0	-668	0.6	76.4	27.2	0.0	77.0	1	
9	25	-55	1219	1	0	-1	672	0.6	76.9	27.4	0.0	77.5	3	

ASTA NUM. 22 NI 4415 NF 4416 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-758	515	-2	0	1	298	8.5	34.1	11.6	0.0	42.6	3	
7	0	-758	-408	-2	0	1	-237	8.5	27.1	9.2	0.0	35.7	3	
8	0	-105	-1151	0	0	-0	-668	1.2	76.4	25.8	0.0	77.6	1	
9	0	-105	1158	1	0	-1	672	1.2	76.9	26.0	0.0	78.1	3	
2	12	-747	515	-2	0	1	363	8.4	41.5	11.6	0.0	49.9	3	
7	12	-747	-408	-2	0	2	-288	8.4	33.0	9.2	0.0	41.4	3	
8	12	-94	-1151	0	0	-0	-812	1.1	92.9	25.8	0.0	93.9	1	
9	12	-94	1158	1	0	-1	816	1.1	93.4	26.0	0.0	94.5	3	

2	25	-735	515	-2	0	1	427	8.3	48.9	11.6	0.0	57.1	3
7	25	-735	-408	-2	0	2	-339	8.3	38.8	9.2	0.0	47.1	3
8	25	-82	-1151	0	0	-0	-956	0.9	109.3	25.8	0.0	110.3	1
9	25	-82	1158	1	0	-1	961	0.9	110.0	26.0	0.0	110.9	3

ASTA NUM. 23 NI 4416 NF 4417 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-972	376	-1	0	1	427	10.9	48.9	8.4	0.0	59.8	3	
7	0	-972	-296	-1	0	2	-339	10.9	38.8	6.7	0.0	49.7	3	
8	0	-132	-838	0	0	-0	-956	1.5	109.3	18.8	0.0	110.8	1	
9	0	-132	843	1	0	-1	961	1.5	110.0	18.9	0.0	111.5	3	
2	12	-961	376	-1	0	2	474	10.8	54.2	8.4	0.0	65.0	3	
7	12	-961	-296	-1	0	2	-376	10.8	43.1	6.7	0.0	53.8	3	
8	12	-120	-838	0	0	-0	-1060	1.4	121.3	18.8	0.0	122.7	3	
9	12	-120	843	1	0	-1	1067	1.4	122.1	18.9	0.0	123.4	3	
2	25	-950	376	-1	0	2	521	10.7	59.6	8.4	0.0	70.3	3	
7	25	-950	-296	-1	0	2	-413	10.7	47.3	6.7	0.0	58.0	3	
8	25	-109	-838	0	0	-0	-1165	1.2	133.3	18.8	0.0	134.5	1	
9	25	-109	843	1	0	-1	1172	1.2	134.1	18.9	0.0	135.3	3	

ASTA NUM. 24 NI 4417 NF 4418 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1187	137	0	0	2	521	13.3	59.6	3.1	0.0	72.9	3	
7	0	-1187	-105	0	0	2	-413	13.3	47.3	2.4	0.0	60.6	3	
8	0	-159	-302	1	0	-0	-1165	1.8	133.3	6.8	0.0	135.1	1	
9	0	-159	303	1	0	-1	1172	1.8	134.1	6.8	0.0	135.9	3	
2	12	-1176	137	0	0	2	538	13.2	61.6	3.1	0.0	74.8	3	
7	12	-1176	-105	0	0	2	-426	13.2	48.8	2.4	0.0	62.0	3	
8	12	-147	-302	1	0	-0	-1203	1.7	137.7	6.8	0.0	139.3	1	
9	12	-147	303	1	0	-1	1210	1.7	138.5	6.8	0.0	140.1	3	
2	25	-1165	137	0	0	2	555	13.1	63.5	3.1	0.0	76.6	3	
7	25	-1165	-105	0	0	2	-440	13.1	50.3	2.4	0.0	63.4	3	
8	25	-136	-302	1	0	-0	-1241	1.5	142.0	6.8	0.0	143.5	3	
9	25	-136	303	1	0	-1	1248	1.5	142.8	6.8	0.0	144.3	3	

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n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota	
	kg	kg*m								kg/cmq	
2	-1187	1	333	11	11	11	1.00	1.00	51.6		
7	-1187	1	264	11	11	11	1.00	1.00	43.6		
8	-159	0	745	11	11	11	1.00	1.00	87.0		
9	-159	1	749	11	11	11	1.00	1.00	87.6		

ASTA NUM. 25 NI 4420 NF 4421 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-116	225	-0	0	0	0	1.3	0.0	5.1	0.0	8.9	2	
7	0	-116	-183	-0	0	0	0	1.3	0.0	4.1	0.0	7.2	2	
8	0	-26	-510	0	0	0	0	0.3	0.0	11.4	0.0	19.8	2	
9	0	-26	512	1	0	0	0	0.3	0.0	11.5	0.0	19.9	2	
2	12	-105	225	-0	0	0	28	1.2	3.2	5.1	0.0	8.8	2	
7	12	-104	-183	-0	0	0	-23	1.2	2.6	4.1	0.0	7.2	2	
8	12	-15	-510	0	0	-0	-64	0.2	7.3	11.4	0.0	19.8	2	
9	12	-15	512	1	0	-0	64	0.2	7.3	11.5	0.0	19.9	2	
2	25	-93	225	-0	0	0	56	1.0	6.4	5.1	0.0	8.8	2	
7	25	-93	-183	-0	0	0	-46	1.0	5.2	4.1	0.0	7.2	2	
8	25	-3	-510	0	0	-0	-127	0.0	14.6	11.4	0.0	19.8	2	
9	25	-3	512	1	0	-0	128	0.0	14.7	11.5	0.0	19.9	2	

ASTA NUM. 26 NI 4421 NF 4422 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-325	482	-0	0	0	56	3.6	6.4	10.8	0.0	19.1	2
7	0	-325	-391	-1	0	0	-46	3.6	5.2	8.8	0.0	15.6	2
8	0	-55	-1089	0	0	-0	-127	0.6	14.6	24.5	0.0	42.4	2
9	0	-56	1095	1	0	-0	128	0.6	14.7	24.6	0.0	42.6	2
2	12	-314	482	-0	0	0	117	3.5	13.3	10.8	0.0	19.1	2
7	12	-313	-391	-1	0	0	-95	3.5	10.8	8.8	0.0	15.6	2
8	12	-44	-1089	0	0	-0	-264	0.5	30.2	24.5	0.0	42.4	2
9	12	-45	1095	1	0	-0	265	0.5	30.3	24.6	0.0	42.6	2
2	25	-302	482	-0	0	0	177	3.4	20.2	10.8	0.0	23.6	1
7	25	-302	-391	-1	0	0	-144	3.4	16.4	8.8	0.0	19.8	3
8	25	-33	-1089	0	0	-0	-400	0.4	45.7	24.5	0.0	46.1	1
9	25	-33	1095	1	0	-1	402	0.4	46.0	24.6	0.0	46.4	3

ASTA NUM. 27 NI 4422 NF 4423 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-534	581	-1	0	0	177	6.0	20.2	13.1	0.0	26.2	1	
7	0	-534	-470	-1	0	0	-144	6.0	16.4	10.5	0.0	22.4	1	
8	0	-85	-1311	0	0	-0	-400	1.0	45.7	29.4	0.0	51.0	2	
9	0	-86	1318	2	0	-1	402	1.0	46.0	29.6	0.0	51.3	2	
2	12	-523	581	-1	0	0	250	5.9	28.6	13.1	0.0	34.4	1	
7	12	-523	-470	-1	0	1	-202	5.9	23.1	10.5	0.0	29.0	3	
8	12	-73	-1311	0	0	-0	-564	0.8	64.5	29.4	0.0	65.3	1	
9	12	-74	1318	2	0	-1	567	0.8	64.9	29.6	0.0	65.7	3	
2	25	-512	581	-1	0	0	322	5.7	36.9	13.1	0.0	42.6	3	
7	25	-511	-470	-1	0	1	-261	5.7	29.9	10.5	0.0	35.6	3	
8	25	-62	-1311	0	0	-0	-728	0.7	83.3	29.4	0.0	84.0	1	
9	25	-63	1318	2	0	-1	732	0.7	83.7	29.6	0.0	84.4	3	

ASTA NUM. 28 NI 4423 NF 4424 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-744	544	-1	0	0	322	8.4	36.9	12.2	0.0	45.2	1	
7	0	-744	-437	-2	0	1	-261	8.3	29.9	9.8	0.0	38.2	3	
8	0	-114	-1223	0	0	-0	-728	1.3	83.3	27.5	0.0	84.5	1	
9	0	-115	1230	2	0	-1	732	1.3	83.7	27.6	0.0	85.0	3	
2	12	-733	544	-1	0	0	390	8.2	44.7	12.2	0.0	52.9	3	
7	12	-732	-437	-2	0	1	-316	8.2	36.1	9.8	0.0	44.3	3	
8	12	-103	-1223	0	0	-0	-880	1.2	100.7	27.5	0.0	101.9	1	
9	12	-104	1230	2	0	-1	885	1.2	101.3	27.6	0.0	102.5	3	
2	25	-721	544	-1	0	1	458	8.1	52.4	12.2	0.0	60.5	3	
7	25	-721	-437	-2	0	1	-370	8.1	42.4	9.8	0.0	50.5	3	
8	25	-91	-1223	0	0	-0	-1033	1.0	118.2	27.5	0.0	119.2	1	
9	25	-93	1230	2	0	-1	1039	1.0	118.9	27.6	0.0	119.9	3	

ASTA NUM. 29 NI 4424 NF 4425 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-954	383	-1	0	1	458	10.7	52.4	8.6	0.0	63.1	3	
7	0	-954	-303	-2	0	1	-370	10.7	42.4	6.8	0.0	53.1	3	
8	0	-144	-856	0	0	-0	-1033	1.6	118.2	19.2	0.0	119.8	1	
9	0	-145	861	1	0	-1	1039	1.6	118.9	19.3	0.0	120.5	3	
2	12	-943	383	-1	0	1	506	10.6	57.9	8.6	0.0	68.5	3	
7	12	-942	-303	-2	0	1	-408	10.6	46.7	6.8	0.0	57.3	3	
8	12	-132	-856	0	0	-0	-1140	1.5	130.5	19.2	0.0	131.9	1	
9	12	-134	861	1	0	-2	1146	1.5	131.2	19.3	0.0	132.7	3	
2	25	-932	383	-1	0	1	554	10.5	63.4	8.6	0.0	73.8	3	
7	25	-931	-303	-2	0	2	-446	10.5	51.0	6.8	0.0	61.5	3	
8	25	-121	-856	0	0	-0	-1247	1.4	142.7	19.2	0.0	144.1	1	
9	25	-122	861	1	0	-2	1254	1.4	143.5	19.3	0.0	144.9	3	

ASTA NUM. 30 NI 4425 NF 4426 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1165	112	-2	0	1	554	13.1	63.4	2.5	0.0	76.5	3	
7	0	-1164	-81	-2	0	2	-446	13.1	51.0	1.8	0.0	64.1	3	

8	0	-173	-241	0	0	-0	-1247	1.9	142.7	5.4	0.0	144.7	1
9	0	-175	243	0	0	-2	1254	2.0	143.5	5.4	0.0	145.5	3
2	12	-1154	112	-2	0	1	568	13.0	65.0	2.5	0.0	77.9	3
7	12	-1153	-81	-2	0	2	-456	12.9	52.2	1.8	0.0	65.1	3
8	12	-162	-241	0	0	-0	-1277	1.8	146.1	5.4	0.0	148.0	1
9	12	-164	243	0	0	-2	1284	1.8	147.0	5.4	0.0	148.8	3
2	25	-1142	112	-2	0	1	582	12.8	66.6	2.5	0.0	79.4	3
7	25	-1142	-81	-2	0	2	-466	12.8	53.4	1.8	0.0	66.2	3
8	25	-151	-241	0	0	-0	-1307	1.7	149.6	5.4	0.0	151.3	1
9	25	-152	243	0	0	-2	1315	1.7	150.5	5.4	0.0	152.2	3

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n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGAl	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1165	1	349	11	11	11	1.00	1.00	53.1	
7	-1164	1	280	11	11	11	1.00	1.00	45.2	
8	-173	0	784	11	11	11	1.00	1.00	91.7	
9	-175	1	789	11	11	11	1.00	1.00	92.4	

ASTA NUM. 31 NI 4427 NF 4428 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-117	235	-1	0	0	0	1.3	0.0	5.3	0.0	9.2	2	
7	0	-117	-193	-1	0	0	0	1.3	0.0	4.3	0.0	7.6	2	
8	0	-26	-535	0	0	0	0	0.3	0.0	12.0	0.0	20.8	2	
9	0	-26	538	1	0	0	0	0.3	0.0	12.1	0.0	20.9	2	
2	12	-106	235	-1	0	0	29	1.2	3.4	5.3	0.0	9.2	2	
7	12	-106	-193	-1	0	0	-24	1.2	2.8	4.3	0.0	7.6	2	
8	12	-15	-535	0	0	-0	-67	0.2	7.7	12.0	0.0	20.8	2	
9	12	-15	538	1	0	-0	67	0.2	7.7	12.1	0.0	20.9	2	
2	25	-94	235	-1	0	0	59	1.1	6.7	5.3	0.0	9.2	2	
7	25	-94	-193	-1	0	0	-48	1.1	5.5	4.3	0.0	7.6	2	
8	25	-3	-535	0	0	-0	-134	0.0	15.3	12.0	0.0	20.8	2	
9	25	-3	538	1	0	-0	134	0.0	15.4	12.1	0.0	20.9	2	

ASTA NUM. 32 NI 4428 NF 4429 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-329	511	-2	0	0	59	3.7	6.7	11.5	0.0	20.2	2	
7	0	-329	-420	-2	0	0	-48	3.7	5.5	9.4	0.0	16.7	2	
8	0	-55	-1161	1	0	-0	-134	0.6	15.3	26.1	0.0	45.2	2	
9	0	-56	1167	2	0	-0	134	0.6	15.4	26.2	0.0	45.4	2	
2	12	-318	511	-2	0	0	123	3.6	14.0	11.5	0.0	20.2	2	
7	12	-318	-420	-2	0	1	-101	3.6	11.5	9.4	0.0	16.7	2	
8	12	-44	-1161	1	0	-0	-279	0.5	31.9	26.1	0.0	45.2	2	
9	12	-44	1167	2	0	-0	280	0.5	32.1	26.2	0.0	45.4	2	
2	25	-306	511	-2	0	1	187	3.4	21.4	11.5	0.0	24.8	3	
7	25	-306	-420	-2	0	1	-153	3.4	17.5	9.4	0.0	21.0	3	
8	25	-33	-1161	1	0	-0	-424	0.4	48.5	26.1	0.0	48.9	3	
9	25	-33	1167	2	0	-1	426	0.4	48.8	26.2	0.0	49.1	3	

ASTA NUM. 33 NI 4429 NF 4430 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-541	628	-2	0	1	187	6.1	21.4	14.1	0.0	27.4	3	
7	0	-541	-516	-2	0	1	-153	6.1	17.5	11.6	0.0	23.6	3	
8	0	-85	-1427	1	0	-0	-424	1.0	48.5	32.0	0.0	55.5	2	
9	0	-85	1434	2	0	-1	426	1.0	48.8	32.2	0.0	55.8	2	
2	12	-530	628	-2	0	1	265	5.9	30.3	14.1	0.0	36.3	3	
7	12	-529	-516	-2	0	1	-218	5.9	24.9	11.6	0.0	30.9	3	
8	12	-74	-1427	1	0	-0	-602	0.8	68.9	32.0	0.0	69.8	3	
9	12	-74	1434	2	0	-1	606	0.8	69.3	32.2	0.0	70.1	3	
2	25	-518	628	-2	0	1	343	5.8	39.3	14.1	0.0	45.1	3	
7	25	-518	-516	-2	0	1	-282	5.8	32.3	11.6	0.0	38.1	3	
8	25	-62	-1427	1	0	-1	-781	0.7	89.3	32.0	0.0	90.0	3	
9	25	-62	1434	2	0	-1	785	0.7	89.8	32.2	0.0	90.5	3	

ASTA NUM. 34 NI 4430 NF 4431 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-753	606	-2	0	1	343	8.5	39.3	13.6	0.0	47.8	3	
7	0	-753	-499	-2	0	1	-282	8.5	32.3	11.2	0.0	40.8	3	
8	0	-114	-1378	1	0	-1	-781	1.3	89.3	30.9	0.0	90.6	3	
9	0	-115	1385	1	0	-1	785	1.3	89.8	31.1	0.0	91.1	3	
2	12	-742	606	-2	0	1	419	8.3	48.0	13.6	0.0	56.3	3	
7	12	-742	-499	-2	0	2	-345	8.3	39.4	11.2	0.0	47.8	3	
8	12	-103	-1378	1	0	-1	-953	1.2	109.0	30.9	0.0	110.2	3	
9	12	-103	1385	1	0	-1	958	1.2	109.6	31.1	0.0	110.8	3	
2	25	-731	606	-2	0	2	495	8.2	56.6	13.6	0.0	64.8	3	
7	25	-730	-499	-2	0	2	-407	8.2	46.6	11.2	0.0	54.8	3	
8	25	-92	-1378	1	0	-1	-1125	1.0	128.7	30.9	0.0	129.8	3	
9	25	-92	1385	1	0	-1	1131	1.0	129.4	31.1	0.0	130.5	3	

ASTA NUM. 35 NI 4431 NF 4432 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-966	458	-1	0	2	495	10.8	56.6	10.3	0.0	67.5	3	
7	0	-966	-378	-1	0	2	-407	10.8	46.6	8.5	0.0	57.4	3	
8	0	-144	-1042	0	0	-1	-1125	1.6	128.7	23.4	0.0	130.4	3	
9	0	-144	1048	1	0	-1	1131	1.6	129.4	23.5	0.0	131.1	3	
2	12	-955	458	-1	0	2	552	10.7	63.2	10.3	0.0	73.9	3	
7	12	-955	-378	-1	0	2	-454	10.7	52.0	8.5	0.0	62.7	3	
8	12	-133	-1042	0	0	-1	-1256	1.5	143.7	23.4	0.0	145.2	3	
9	12	-133	1048	1	0	-1	1262	1.5	144.4	23.5	0.0	145.9	3	
2	25	-944	458	-1	0	2	609	10.6	69.7	10.3	0.0	80.3	3	
7	25	-943	-378	-1	0	2	-501	10.6	57.4	8.5	0.0	68.0	3	
8	25	-121	-1042	0	0	-1	-1386	1.4	158.6	23.4	0.0	160.0	3	
9	25	-122	1048	1	0	-1	1393	1.4	159.4	23.5	0.0	160.8	3	

ASTA NUM. 36 NI 4432 NF 4433 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1180	196	1	0	2	609	13.2	69.7	4.4	0.0	83.0	3	
7	0	-1180	-163	1	0	2	-501	13.2	57.4	3.7	0.0	70.6	3	
8	0	-174	-448	-1	0	-1	-1386	1.9	158.6	10.1	0.0	160.6	3	
9	0	-174	450	-1	0	-1	1393	2.0	159.4	10.1	0.0	161.4	3	
2	13	-1168	196	1	0	2	634	13.1	72.5	4.4	0.0	85.7	3	
7	13	-1168	-163	1	0	2	-522	13.1	59.7	3.7	0.0	72.8	3	
8	13	-162	-448	-1	0	-1	-1442	1.8	165.0	10.1	0.0	166.8	3	
9	13	-163	450	-1	0	-1	1450	1.8	165.9	10.1	0.0	167.7	3	
2	25	-1157	196	1	0	2	658	13.0	75.3	4.4	0.0	88.3	3	
7	25	-1157	-163	1	0	2	-542	13.0	62.1	3.7	0.0	75.1	3	
8	25	-151	-448	-1	0	-1	-1498	1.7	171.4	10.1	0.0	173.1	3	
9	25	-152	450	-1	0	-1	1506	1.7	172.3	10.1	0.0	174.0	3	

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n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m			kg/cmq					
2	-1180	1	395	11	11	11	1.00	1.00	58.6	
7	-1180	1	325	11	11	11	1.00	1.00	50.6	
8	-174	0	899	11	11	11	1.00	1.00	104.8	
9	-174	1	904	11	11	11	1.00	1.00	105.5	

ASTA NUM. 37 NI 4471 NF 4470 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-118	250	-1	0	0	0	1.3	0.0	5.6	0.0	9.8	2	
7	0	-118	-208	-1	0	0	0	1.3	0.0	4.7	0.0	8.2	2	
8	0	-25	-571	1	0	0	0	0.3	0.0	12.8	0.0	22.2	2	

9	0	-25	574	1	0	0	0	0.3	0.0	12.9	0.0	22.3	2
2	12	-106	250	-1	0	0	31	1.2	3.6	5.6	0.0	9.8	2
7	12	-106	-208	-1	0	0	-26	1.2	3.0	4.7	0.0	8.2	2
8	12	-14	-571	1	0	-0	-71	0.2	8.2	12.8	0.0	22.2	2
9	12	-14	574	1	0	-0	72	0.2	8.2	12.9	0.0	22.3	2
2	25	-95	250	-1	0	0	62	1.1	7.2	5.6	0.0	9.8	2
7	25	-95	-208	-1	0	0	-52	1.1	5.9	4.7	0.0	8.2	2
8	25	-2	-571	1	0	-0	-143	0.0	16.3	12.8	0.0	22.2	2
9	25	-2	574	1	0	-0	144	0.0	16.4	12.9	0.0	22.3	2

ASTA NUM. 38 NI 4470 NF 4468 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-330	540	-2	0	0	62	3.7	7.2	12.1	0.0	21.3	2			
7	0	-330	-448	-2	0	0	-52	3.7	5.9	10.1	0.0	17.8	2			
8	0	-53	-1233	1	0	-0	-143	0.6	16.3	27.7	0.0	48.0	2			
9	0	-53	1239	2	0	-0	144	0.6	16.4	27.8	0.0	48.2	2			
2	12	-318	540	-2	0	1	130	3.6	14.9	12.1	0.0	21.3	2			
7	12	-318	-448	-2	0	1	-108	3.6	12.4	10.1	0.0	17.8	2			
8	12	-41	-1233	1	0	-0	-297	0.5	34.0	27.7	0.0	48.0	2			
9	12	-41	1239	2	0	-0	298	0.5	34.1	27.8	0.0	48.2	2			
2	25	-307	540	-2	0	1	197	3.4	22.6	12.1	0.0	26.0	3			
7	25	-307	-448	-2	0	1	-164	3.4	18.8	10.1	0.0	22.2	3			
8	25	-30	-1233	1	0	-1	-451	0.3	51.6	27.7	0.0	51.9	3			
9	25	-30	1239	2	0	-1	453	0.3	51.9	27.8	0.0	52.2	3			

ASTA NUM. 39 NI 4468 NF 4467 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-542	658	-2	0	1	197	6.1	22.6	14.8	0.0	28.7	3			
7	0	-542	-546	-2	0	1	-164	6.1	18.8	12.3	0.0	24.9	3			
8	0	-80	-1503	1	0	-1	-451	0.9	51.6	33.8	0.0	58.5	2			
9	0	-81	1511	2	0	-1	453	0.9	51.9	33.9	0.0	58.8	2			
2	12	-531	658	-2	0	1	280	6.0	32.0	14.8	0.0	38.0	3			
7	12	-531	-546	-2	0	1	-232	6.0	26.6	12.3	0.0	32.5	3			
8	12	-69	-1503	1	0	-1	-639	0.8	73.1	33.8	0.0	73.9	3			
9	12	-69	1511	2	0	-1	642	0.8	73.5	33.9	0.0	74.3	3			
2	25	-520	658	-2	0	1	362	5.8	41.4	14.8	0.0	47.3	3			
7	25	-520	-546	-2	0	1	-301	5.8	34.4	12.3	0.0	40.2	3			
8	25	-58	-1503	1	0	-1	-827	0.6	94.6	33.8	0.0	95.3	3			
9	25	-58	1511	2	0	-1	831	0.6	95.1	33.9	0.0	95.7	3			

ASTA NUM. 40 NI 4467 NF 4466 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-755	629	-2	0	1	362	8.5	41.4	14.1	0.0	49.9	3			
7	0	-755	-521	-2	0	1	-301	8.5	34.4	11.7	0.0	42.9	3			
8	0	-108	-1435	1	0	-1	-827	1.2	94.6	32.2	0.0	95.8	3			
9	0	-108	1442	1	0	-1	831	1.2	95.1	32.4	0.0	96.3	3			
2	12	-744	629	-2	0	2	441	8.4	50.4	14.1	0.0	58.8	3			
7	12	-744	-521	-2	0	2	-366	8.4	41.9	11.7	0.0	50.2	3			
8	12	-97	-1435	1	0	-1	-1006	1.1	115.1	32.2	0.0	116.2	3			
9	12	-97	1442	1	0	-1	1011	1.1	115.7	32.4	0.0	116.8	3			
2	25	-733	629	-2	0	2	519	8.2	59.4	14.1	0.0	67.6	3			
7	25	-732	-521	-2	0	2	-431	8.2	49.3	11.7	0.0	57.5	3			
8	25	-85	-1435	1	0	-1	-1185	1.0	135.6	32.2	0.0	136.6	3			
9	25	-86	1442	1	0	-1	1191	1.0	136.3	32.4	0.0	137.3	3			

ASTA NUM. 41 NI 4466 NF 4465 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota		
	cm	kg			kg*m			kg/cmq								
2	0	-969	463	-1	0	2	519	10.9	59.4	10.4	0.0	70.3	3			
7	0	-969	-383	-1	0	2	-431	10.9	49.3	8.6	0.0	60.2	3			
8	0	-136	-1056	-0	0	-1	-1185	1.5	135.6	23.7	0.0	137.1	3			
9	0	-136	1062	0	0	-1	1191	1.5	136.3	23.8	0.0	137.8	3			
2	12	-957	463	-1	0	2	577	10.8	66.0	10.4	0.0	76.8	3			

7	12	-957	-383	-1	0	2	-479	10.7	54.8	8.6	0.0	65.5	3
8	12	-125	-1056	-0	0	-1	-1317	1.4	150.7	23.7	0.0	152.1	3
9	12	-125	1062	0	0	-1	1324	1.4	151.5	23.8	0.0	152.9	3
2	25	-946	463	-1	0	2	635	10.6	72.7	10.4	0.0	83.3	3
7	25	-946	-383	-1	0	2	-527	10.6	60.3	8.6	0.0	70.9	3
8	25	-113	-1056	-0	0	-1	-1449	1.3	165.8	23.7	0.0	167.1	3
9	25	-113	1062	0	0	-2	1457	1.3	166.7	23.8	0.0	168.0	3

ASTA NUM. 42 NI 4465 NF 3786 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1183	177	1	0	2	635	13.3	72.7	4.0	0.0	86.0	3		
7	0	-1183	-145	1	0	2	-527	13.3	60.3	3.3	0.0	73.6	3		
8	0	-164	-402	-1	0	-1	-1449	1.8	165.8	9.0	0.0	167.7	3		
9	0	-164	404	-1	0	-2	1457	1.8	166.7	9.1	0.0	168.6	3		
2	13	-1172	177	1	0	2	657	13.2	75.2	4.0	0.0	88.4	3		
7	13	-1172	-145	1	0	2	-545	13.2	62.3	3.3	0.0	75.5	3		
8	13	-152	-402	-1	0	-1	-1500	1.7	171.6	9.0	0.0	173.3	3		
9	13	-153	404	-1	0	-1	1508	1.7	172.5	9.1	0.0	174.2	3		
2	25	-1160	177	1	0	2	679	13.0	77.7	4.0	0.0	90.8	3		
7	25	-1160	-145	1	0	2	-563	13.0	64.4	3.3	0.0	77.4	3		
8	25	-141	-402	-1	0	-1	-1550	1.6	177.4	9.0	0.0	179.0	1		
9	25	-141	404	-1	0	-1	1558	1.6	178.3	9.1	0.0	179.9	3		

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGAl	Sf	Nota	
	kg	kg*m			kg/cmq						
2	-1183	1	408	11	11	11	1.00	1.00	60.0		
7	-1183	1	338	11	11	11	1.00	1.00	52.1		
8	-164	0	930	11	11	11	1.00	1.00	108.3		
9	-164	1	935	11	11	11	1.00	1.00	108.9		

Lavoro: SOSTEGNO TRACKER Intestazione lavoro: SOSTEGNI TRACKER GROTTAGLIE
 Elemento: TRAVE Metodo di verifica: Stati limite
 Gruppo: 7 Descrizione: PILASTRO SCHEMA 0 GRADI
 Tabella: Tabella pilastri Struttura: Nuova
 Tipo acciaio: S 355 Beta piano 'yx': 1.000 Beta piano 'zx': 1.000

ASTA NUM. 1 NI 4394 NF 4401 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
 qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1273	-55	-2	0	2	701	14.3	80.2	1.2	0.0	94.5	3		
7	0	-1274	5	-2	0	2	-584	14.3	66.8	0.1	0.0	81.1	3		
8	0	-192	71	12	0	-1	-1603	2.2	183.4	1.6	0.0	185.6	1		
9	0	-189	-79	12	0	-1	1611	2.1	184.4	1.8	0.0	186.5	1		
2	125	-1160	-53	-2	0	4	633	13.0	72.4	1.2	0.0	85.4	3		
7	125	-1160	7	-2	0	4	-577	13.0	66.0	0.2	0.0	79.0	3		
8	125	-79	73	12	0	-16	-1512	0.9	173.1	1.6	0.0	174.0	3		
9	125	-75	-76	12	0	-17	1514	0.8	173.3	1.7	0.0	174.1	3		
2	250	-1046	-51	-2	0	6	568	11.7	65.0	1.1	0.0	76.7	3		
7	250	-1047	9	-2	0	7	-567	11.8	64.9	0.2	0.0	76.6	3		
8	250	35	76	12	0	-31	-1419	0.4	162.4	1.7	0.0	162.8	3		
9	250	38	-74	12	0	-32	1420	0.4	162.5	1.7	0.0	163.0	3		

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGAl	Sf	Nota	
	kg	kg*m			kg/cmq						
2	-1273	5	647	18	18	18	1.01	1.00	89.1		
7	-1274	5	577	18	18	18	1.01	1.00	81.1		
8	-192	19	1529	18	18	18	1.01	1.00	179.4		
9	-189	20	1535	18	18	18	1.01	1.00	180.1		

ASTA NUM. 2 NI 3772 NF 4393 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.

qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1274	-22	3	0	2	531	14.3	60.8	0.5	0.0	75.1	3		
7	0	-1274	-29	3	0	2	-416	14.3	47.6	0.6	0.0	61.9	3		
8	0	-195	-12	-9	0	-1	-1181	2.2	135.2	0.3	0.0	137.3	1		
9	0	-195	5	-9	0	-2	1188	2.2	136.0	0.2	0.0	138.1	1		
2	125	-1160	-19	3	0	-2	505	13.0	57.8	0.4	0.0	70.9	3		
7	125	-1160	-26	3	0	-2	-450	13.0	51.5	0.6	0.0	64.5	3		
8	125	-81	-10	-9	0	10	-1195	0.9	136.7	0.2	0.0	137.7	3		
9	125	-81	7	-9	0	9	1196	0.9	136.8	0.2	0.0	137.7	3		
2	250	-1047	-17	3	0	-5	482	11.8	55.2	0.4	0.0	67.0	3		
7	250	-1046	-24	3	0	-5	-482	11.7	55.1	0.5	0.0	66.9	3		
8	250	32	-8	-9	0	20	-1206	0.4	138.0	0.2	0.0	138.4	3		
9	250	32	9	-9	0	20	1206	0.4	138.0	0.2	0.0	138.4	3		

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGAl	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1274	2	512	18	18	18	1.01	1.00	73.3	
7	-1274	2	455	18	18	18	1.01	1.00	66.8	
8	-195	12	1196	18	18	18	1.01	1.00	140.4	
9	-195	11	1199	18	18	18	1.01	1.00	140.7	

ASTA NUM. 3 NI 1606 NF 4404 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1297	81	-3	0	2	638	14.6	73.1	1.8	0.0	87.6	3		
7	0	-1293	-132	-4	0	2	-523	14.5	59.8	3.0	0.0	74.3	3		
8	0	-174	-269	-1	0	-0	-1448	2.0	165.7	6.0	0.0	167.7	1		
9	0	-183	263	-0	0	-2	1456	2.1	166.6	5.9	0.0	168.7	3		
2	125	-1184	83	-3	0	6	741	13.3	84.8	1.9	0.0	98.1	3		
7	125	-1180	-129	-4	0	7	-686	13.2	78.5	2.9	0.0	91.7	3		
8	125	-61	-267	-1	0	1	-1783	0.7	204.0	6.0	0.0	204.7	3		
9	125	-69	265	-0	0	-1	1786	0.8	204.4	6.0	0.0	205.2	3		
2	250	-1070	86	-3	0	10	847	12.0	96.9	1.9	0.0	108.9	3		
7	250	-1066	-127	-4	0	11	-846	12.0	96.8	2.9	0.0	108.8	3		
8	250	53	-264	-1	0	2	-2115	0.6	242.0	5.9	0.0	242.6	3		
9	250	45	267	-0	0	-1	2119	0.5	242.5	6.0	0.0	243.0	3		

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGAl	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1297	7	763	18	18	18	1.01	1.00	102.9	
7	-1293	8	716	18	18	18	1.01	1.00	97.5	
8	-174	1	1848	18	18	18	1.01	1.00	213.6	
9	-183	1	1854	18	18	18	1.01	1.00	214.4	

ASTA NUM. 4 NI 4418 NF 1528 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1283	-47	1	0	2	555	14.4	63.5	1.0	0.0	77.9	3		
7	0	-1284	-4	1	0	2	-440	14.4	50.3	0.1	0.0	64.7	3		
8	0	-162	50	1	0	-0	-1241	1.8	142.0	1.1	0.0	143.8	3		
9	0	-160	-57	0	0	-1	1248	1.8	142.8	1.3	0.0	144.6	3		
2	125	-1170	-44	1	0	1	498	13.1	57.0	1.0	0.0	70.1	3		
7	125	-1170	-2	1	0	1	-443	13.1	50.7	0.0	0.0	63.8	3		

8	125	-48	52	1	0	-1	-1177	0.5	134.7	1.2	0.0	135.2	3
9	125	-46	-55	0	0	-2	1178	0.5	134.8	1.2	0.0	135.3	3
2	250	-1056	-42	1	0	-0	444	11.9	50.8	0.9	0.0	62.7	3
7	250	-1057	1	1	0	-0	-443	11.9	50.7	0.0	0.0	62.6	1
8	250	65	55	1	0	-2	-1110	0.7	127.0	1.2	0.0	127.8	3
9	250	67	-53	0	0	-2	1110	0.8	127.0	1.2	0.0	127.8	3

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1283	1	511	18	18	18	1.01	1.00	73.1	
7	-1284	1	442	18	18	18	1.01	1.00	65.3	
8	-162	1	1189	18	18	18	1.01	1.00	138.0	
9	-160	2	1193	18	18	18	1.01	1.00	138.5	

ASTA NUM. 5 NI 4426 NF 4419 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1258	-90	-2	0	1	582	14.1	66.6	2.0	0.0	80.7	3	
7	0	-1260	39	-2	0	2	-466	14.1	53.4	0.9	0.0	67.5	3	
8	0	-180	158	0	0	-0	-1307	2.0	149.6	3.5	0.0	151.6	1	
9	0	-176	-165	-0	0	-2	1315	2.0	150.5	3.7	0.0	152.5	3	
2	125	-1144	-87	-2	0	4	471	12.9	53.9	2.0	0.0	66.8	3	
7	125	-1146	42	-2	0	4	-416	12.9	47.6	0.9	0.0	60.4	3	
8	125	-66	160	0	0	-0	-1108	0.7	126.8	3.6	0.0	127.6	3	
9	125	-62	-163	-0	0	-1	1110	0.7	127.0	3.7	0.0	127.7	3	
2	250	-1031	-85	-2	0	6	363	11.6	41.6	1.9	0.0	53.1	3	
7	250	-1033	44	-2	0	6	-362	11.6	41.5	1.0	0.0	53.1	3	
8	250	47	162	0	0	-1	-907	0.5	103.8	3.6	0.0	104.3	3	
9	250	52	-161	-0	0	-1	908	0.6	103.9	3.6	0.0	104.5	3	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1258	4	494	18	18	18	1.01	1.00	71.3	
7	-1260	4	425	18	18	18	1.01	1.00	63.4	
8	-180	0	1147	18	18	18	1.01	1.00	133.4	
9	-176	1	1152	18	18	18	1.01	1.00	134.0	

ASTA NUM. 6 NI 4433 NF 1529 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1276	-5	2	0	2	658	14.3	75.3	0.1	0.0	89.7	3	
7	0	-1275	-44	2	0	2	-542	14.3	62.1	1.0	0.0	76.4	3	
8	0	-176	-53	-1	0	-1	-1498	2.0	171.4	1.2	0.0	173.4	3	
9	0	-179	46	-1	0	-1	1506	2.0	172.3	1.0	0.0	174.4	3	
2	125	-1162	-3	2	0	-0	653	13.1	74.8	0.1	0.0	87.8	1	
7	125	-1162	-42	2	0	0	-596	13.0	68.2	0.9	0.0	81.3	1	
8	125	-63	-50	-1	0	1	-1562	0.7	178.8	1.1	0.0	179.5	3	
9	125	-65	48	-1	0	0	1564	0.7	179.0	1.1	0.0	179.7	1	
2	250	-1049	-1	2	0	-2	651	11.8	74.5	0.0	0.0	86.3	3	
7	250	-1048	-40	2	0	-2	-648	11.8	74.1	0.9	0.0	85.9	3	
8	250	51	-48	-1	0	2	-1624	0.6	185.8	1.1	0.0	186.4	3	
9	250	48	50	-1	0	2	1625	0.5	186.0	1.1	0.0	186.5	3	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	

2	-1276	1	655	18	18	18	1.01	1.00	89.6
7	-1275	1	605	18	18	18	1.01	1.00	83.9
8	-176	1	1574	18	18	18	1.01	1.00	182.2
9	-179	1	1577	18	18	18	1.01	1.00	182.6

ASTA NUM. 7 NI 3786 NF 4434 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1279	-38	2	0	2	679	14.4	77.7	0.9	0.0	92.1	3		
7	0	-1279	-12	2	0	2	-563	14.4	64.4	0.3	0.0	78.8	3		
8	0	-167	30	-2	0	-1	-1550	1.9	177.4	0.7	0.0	179.3	1		
9	0	-166	-37	-2	0	-1	1558	1.9	178.3	0.8	0.0	180.2	3		
2	125	-1165	-36	2	0	-1	633	13.1	72.4	0.8	0.0	85.5	1		
7	125	-1166	-9	2	0	-0	-576	13.1	65.9	0.2	0.0	79.0	1		
8	125	-53	32	-2	0	2	-1511	0.6	172.9	0.7	0.0	173.5	3		
9	125	-52	-35	-2	0	1	1513	0.6	173.2	0.8	0.0	173.7	3		
2	250	-1051	-34	2	0	-3	589	11.8	67.4	0.8	0.0	79.2	3		
7	250	-1052	-7	2	0	-2	-586	11.8	67.1	0.2	0.0	78.9	3		
8	250	60	35	-2	0	5	-1469	0.7	168.1	0.8	0.0	168.8	3		
9	250	61	-33	-2	0	4	1471	0.7	168.3	0.7	0.0	169.0	3		

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1279	1	643	18	18	18	1.01	1.00	88.2	
7	-1279	1	577	18	18	18	1.01	1.00	80.7	
8	-167	3	1518	18	18	18	1.01	1.00	175.9	
9	-166	2	1523	18	18	18	1.01	1.00	176.4	

Lavoro: SOSTEGNO TRACKER Intestazione lavoro: SOSTEGNI TRACKER GROTTAGLIE
 Elemento: TRAVE Metodo di verifica: Stati limite
 Gruppo: 9 Descrizione: PILASTRO SCHEMA 90 GRADI
 Tabella: Tabella pilastri Struttura: Nuova
 Tipo acciaio: S 355 Beta piano 'yx': 1.000 Beta piano 'zx': 1.000

ASTA NUM. 1 NI 1652 NF 2321 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1026	4918	22	0	24	-3280	11.5	375.4	110.4	0.0	386.9	3		
7	0	-1041	4917	20	0	24	-21310	11.7	2438.7	110.4	0.0	2450.4	3		
8	0	-875	-6806	-30	0	-33	4702	9.8	538.1	152.8	0.0	547.9	3		
9	0	-856	-6805	-28	0	-33	29490	9.6	3374.8	152.8	0.0	3384.4	3		
2	125	-913	4920	22	0	-3	2869	10.2	328.3	110.5	0.0	338.6	1		
7	125	-927	4919	20	0	-1	-15161	10.4	1735.0	110.5	0.0	1745.4	1		
8	125	-762	-6804	-30	0	4	-3805	8.6	435.5	152.8	0.0	444.0	1		
9	125	-742	-6802	-28	0	2	20984	8.3	2401.3	152.8	0.0	2409.7	1		
2	250	-799	4923	22	0	-30	9021	9.0	1032.4	110.5	0.0	1041.3	3		
7	250	-813	4921	20	0	-26	-9009	9.1	1031.0	110.5	0.0	1040.1	3		
8	250	-648	-6802	-30	0	42	-12310	7.3	1408.7	152.7	0.0	1416.0	3		
9	250	-629	-6800	-28	0	36	12480	7.1	1428.2	152.7	0.0	1435.3	3		

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1026	12	4101	18	18	18	1.01	1.00	482.4	
7	-1041	10	16390	18	18	18	1.01	1.00	1888.9	
8	-875	17	5505	18	18	18	1.01	1.00	641.9	
9	-856	14	22686	18	18	18	1.01	1.00	2607.9	

ASTA NUM. 2 NI 1435 NF 1572 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
 qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1075	5047	3	0	3	-3557	12.1	407.1	113.3	0.0	419.1	3		
7	0	-1070	5049	3	0	3	-21580	12.0	2469.6	113.4	0.0	2481.6	1		
8	0	-808	-6984	-4	0	-4	5083	9.1	581.7	156.8	0.0	590.8	3		
9	0	-816	-6986	-4	0	-4	29860	9.2	3417.1	156.9	0.0	3426.3	1		
2	125	-962	5050	3	0	-1	2753	10.8	315.1	113.4	0.0	325.9	1		
7	125	-956	5051	3	0	-1	-15266	10.7	1747.1	113.4	0.0	1757.8	1		
8	125	-695	-6982	-4	0	1	-3645	7.8	417.1	156.8	0.0	424.9	1		
9	125	-702	-6984	-4	0	1	21129	7.9	2417.9	156.8	0.0	2425.8	1		
2	250	-848	5052	3	0	-5	9066	9.5	1037.5	113.4	0.0	1047.0	3		
7	250	-843	5053	3	0	-4	-8950	9.5	1024.2	113.5	0.0	1033.7	3		
8	250	-581	-6979	-4	0	6	-12370	6.5	1415.6	156.7	0.0	1422.1	3		
9	250	-589	-6981	-4	0	6	12400	6.6	1419.0	156.8	0.0	1425.6	3		

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1075	2	4017	18	18	18	1.01	1.00	472.2	
7	-1070	2	16528	18	18	18	1.01	1.00	1904.1	
8	-808	3	5389	18	18	18	1.01	1.00	626.2	
9	-816	2	22876	18	18	18	1.01	1.00	2627.8	

ASTA NUM. 3 NI 1434 NF 4505 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
 qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1077	5042	-1	0	-2	-3552	12.1	406.5	113.2	0.0	418.6	1		
7	0	-1071	5042	-1	0	-2	-21570	12.0	2468.4	113.2	0.0	2480.5	1		
8	0	-806	-6977	2	0	2	5075	9.0	580.8	156.7	0.0	589.8	3		
9	0	-814	-6977	2	0	2	29850	9.1	3416.0	156.7	0.0	3425.1	1		
2	125	-964	5044	-1	0	-0	2753	10.8	315.0	113.3	0.0	325.8	1		
7	125	-958	5044	-1	0	-0	-15265	10.8	1746.9	113.3	0.0	1757.6	1		
8	125	-692	-6975	2	0	0	-3644	7.8	417.0	156.6	0.0	424.8	1		
9	125	-700	-6974	2	0	0	21129	7.9	2417.9	156.6	0.0	2425.8	1		
2	250	-850	5047	-1	0	2	9060	9.5	1036.8	113.3	0.0	1046.4	1		
7	250	-844	5047	-1	0	2	-8957	9.5	1025.0	113.3	0.0	1034.5	1		
8	250	-578	-6973	2	0	-2	-12360	6.5	1414.5	156.6	0.0	1421.0	1		
9	250	-587	-6972	2	0	-2	12410	6.6	1420.2	156.6	0.0	1426.8	1		

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1077	1	4015	18	18	18	1.01	1.00	471.9	
7	-1071	1	16525	18	18	18	1.01	1.00	1903.6	
8	-806	1	5386	18	18	18	1.01	1.00	625.7	
9	-814	1	22874	18	18	18	1.01	1.00	2627.4	

ASTA NUM. 4 NI 1426 NF 1433 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
 qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-1075	5029	-0	0	-0	-3525	12.1	403.4	112.9	0.0	415.5	1		
7	0	-1069	5028	0	0	0	-21540	12.0	2465.0	112.9	0.0	2477.0	1		
8	0	-810	-6959	0	0	0	5039	9.1	576.7	156.3	0.0	585.7	1		
9	0	-817	-6958	-0	0	-0	29810	9.2	3411.4	156.2	0.0	3420.6	1		
2	125	-961	5031	-0	0	-0	2763	10.8	316.1	113.0	0.0	326.9	1		

7	125	-955	5030	0	0	-0	-15254	10.7	1745.6	113.0	0.0	1756.4	1
8	125	-696	-6956	0	0	0	-3657	7.8	418.5	156.2	0.0	426.3	1
9	125	-704	-6956	-0	0	0	21114	7.9	2416.2	156.2	0.0	2424.1	1
2	250	-847	5033	-0	0	0	9053	9.5	1036.0	113.0	0.0	1045.5	1
7	250	-842	5033	0	0	-0	-8965	9.5	1025.9	113.0	0.0	1035.4	1
8	250	-582	-6954	0	0	-0	-12350	6.5	1413.3	156.2	0.0	1419.9	1
9	250	-590	-6954	-0	0	0	12420	6.6	1421.3	156.2	0.0	1427.9	1

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1075	0	4022	18	18	18	1.01	1.00	472.5	
7	-1069	0	16510	18	18	18	1.01	1.00	1901.8	
8	-810	0	5394	18	18	18	1.01	1.00	626.6	
9	-817	0	22854	18	18	18	1.01	1.00	2625.0	

ASTA NUM. 5 NI 1418 NF 1425 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1077	5042	1	0	2	-3552	12.1	406.5	113.2	0.0	418.6	1	
7	0	-1072	5042	1	0	2	-21570	12.0	2468.4	113.2	0.0	2480.5	1	
8	0	-806	-6977	-2	0	-2	5075	9.0	580.8	156.7	0.0	589.8	3	
9	0	-814	-6977	-2	0	-3	29850	9.1	3416.0	156.7	0.0	3425.1	1	
2	125	-964	5044	1	0	-0	2753	10.8	315.0	113.3	0.0	325.8	1	
7	125	-958	5044	1	0	0	-15265	10.8	1746.9	113.3	0.0	1757.7	1	
8	125	-692	-6975	-2	0	0	-3644	7.8	417.0	156.6	0.0	424.8	1	
9	125	-700	-6975	-2	0	-0	21129	7.9	2417.9	156.6	0.0	2425.8	1	
2	250	-850	5047	1	0	-2	9060	9.5	1036.8	113.3	0.0	1046.4	1	
7	250	-844	5047	1	0	-2	-8958	9.5	1025.1	113.3	0.0	1034.6	1	
8	250	-578	-6973	-2	0	2	-12360	6.5	1414.5	156.6	0.0	1421.0	1	
9	250	-586	-6973	-2	0	2	12410	6.6	1420.2	156.6	0.0	1426.8	1	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1077	1	4015	18	18	18	1.01	1.00	471.9	
7	-1072	1	16525	18	18	18	1.01	1.00	1903.7	
8	-806	1	5386	18	18	18	1.01	1.00	625.7	
9	-814	1	22874	18	18	18	1.01	1.00	2627.4	

ASTA NUM. 6 NI 1410 NF 1417 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1075	5047	-3	0	-3	-3557	12.1	407.1	113.3	0.0	419.1	3	
7	0	-1070	5049	-3	0	-3	-21580	12.0	2469.6	113.4	0.0	2481.6	1	
8	0	-808	-6984	4	0	4	5083	9.1	581.7	156.8	0.0	590.8	3	
9	0	-816	-6986	4	0	4	29860	9.2	3417.1	156.9	0.0	3426.3	1	
2	125	-962	5050	-3	0	1	2753	10.8	315.1	113.4	0.0	325.9	1	
7	125	-956	5051	-3	0	1	-15266	10.7	1747.1	113.4	0.0	1757.8	1	
8	125	-695	-6982	4	0	-1	-3645	7.8	417.1	156.8	0.0	424.9	1	
9	125	-702	-6984	4	0	-1	21129	7.9	2417.9	156.8	0.0	2425.8	1	
2	250	-848	5052	-3	0	5	9066	9.5	1037.5	113.4	0.0	1047.0	3	
7	250	-843	5053	-3	0	4	-8950	9.5	1024.2	113.5	0.0	1033.7	3	
8	250	-581	-6979	4	0	-6	-12370	6.5	1415.6	156.7	0.0	1422.1	3	
9	250	-589	-6981	4	0	-6	12400	6.6	1419.0	156.8	0.0	1425.6	3	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	

	kg		kg*m						kg/cmq
2	-1075	2	4017	18	18	18	1.01	1.00	472.2
7	-1070	2	16528	18	18	18	1.01	1.00	1904.1
8	-808	3	5389	18	18	18	1.01	1.00	626.2
9	-816	2	22876	18	18	18	1.01	1.00	2627.8

ASTA NUM. 7 NI 1402 NF 1409 Lungh. 250.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

categoria: p.p. y qy tot.
qy medio: -1.37 -1.37 kg/m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-1026	4918	-22	0	-24	-3280	11.5	375.4	110.4	0.0	386.9	3	
7	0	-1040	4917	-20	0	-24	-21310	11.7	2438.7	110.4	0.0	2450.4	3	
8	0	-875	-6806	30	0	33	4702	9.8	538.1	152.8	0.0	547.9	3	
9	0	-856	-6805	28	0	33	29480	9.6	3373.6	152.8	0.0	3383.3	3	
2	125	-913	4920	-22	0	3	2869	10.2	328.3	110.5	0.0	338.6	1	
7	125	-927	4919	-20	0	1	-15161	10.4	1735.0	110.5	0.0	1745.4	1	
8	125	-762	-6804	30	0	-4	-3805	8.6	435.5	152.8	0.0	444.0	1	
9	125	-742	-6802	28	0	-2	20979	8.3	2400.8	152.8	0.0	2409.1	1	
2	250	-799	4923	-22	0	30	9021	9.0	1032.4	110.5	0.0	1041.3	3	
7	250	-813	4921	-20	0	26	-9009	9.1	1031.0	110.5	0.0	1040.1	3	
8	250	-648	-6802	30	0	-42	-12310	7.3	1408.7	152.7	0.0	1416.0	3	
9	250	-629	-6800	28	0	-36	12480	7.1	1428.2	152.7	0.0	1435.3	3	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-1026	12	4101	18	18	18	1.01	1.00	482.4	
7	-1040	11	16390	18	18	18	1.01	1.00	1888.9	
8	-875	17	5505	18	18	18	1.01	1.00	641.9	
9	-856	15	22680	18	18	18	1.01	1.00	2607.2	

Lavoro: **SOSTEGNO TRACKER** Intestazione lavoro: **SOSTEGNI TRACKER GROTTAGLIE**
Elemento: **TRAVE** Metodo di verifica: **Stati limite**
Gruppo: **11** Descrizione: **PILASTRO INFISSO SCHEMA 90 GRADI**
Tabella: **Tabella pilastri** Struttura: **Nuova**
Tipo acciaio: **S 355** Beta piano 'yx': **1.000** Beta piano 'zx': **1.000**

ASTA NUM. 1 NI 2173 NF 2131 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-88	-2228	-13	0	0	0	1.0	0.0	50.0	0.0	86.7	2	
7	0	-90	-8787	-13	0	0	0	1.0	0.0	197.3	0.0	341.8	2	
8	0	-95	3133	18	0	0	0	1.1	0.0	70.4	0.0	121.9	2	
9	0	-93	12150	18	0	0	0	1.0	0.0	272.8	0.0	472.6	2	
2	12	-77	-2228	-13	0	2	-278	0.9	31.9	50.0	0.0	86.7	2	
7	12	-78	-8787	-13	0	2	-1098	0.9	125.7	197.3	0.0	341.8	2	
8	12	-84	3133	18	0	-2	392	0.9	44.8	70.4	0.0	121.9	2	
9	12	-82	12150	18	0	-2	1519	0.9	173.8	272.8	0.0	472.6	2	
2	25	-66	-2228	-13	0	3	-557	0.7	63.7	50.0	0.0	86.7	2	
7	25	-67	-8787	-13	0	3	-2197	0.8	251.4	197.3	0.0	341.8	2	
8	25	-72	3133	18	0	-5	783	0.8	89.6	70.4	0.0	121.9	2	
9	25	-71	12150	18	0	-4	3038	0.8	347.7	272.8	0.0	472.6	2	

ASTA NUM. 2 NI 2131 NF 1941 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf(Fx)	Sf(M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-243	-4412	-27	0	3	-557	2.7	63.7	99.1	0.0	171.6	2	
7	0	-246	-18610	-26	0	3	-2197	2.8	251.4	417.9	0.0	723.8	2	
8	0	-263	6218	37	0	-5	783	2.9	89.6	139.6	0.0	241.9	2	
9	0	-258	25730	36	0	-4	3038	2.9	347.7	577.8	0.0	1000.8	2	
2	12	-231	-4412	-27	0	7	-1108	2.6	126.9	99.1	0.0	171.6	2	
7	12	-235	-18610	-26	0	6	-4522	2.6	517.5	417.9	0.0	723.8	2	
8	12	-251	6218	37	0	-9	1561	2.8	178.6	139.6	0.0	241.9	2	
9	12	-246	25730	36	0	-9	6254	2.8	715.7	577.8	0.0	1000.8	2	

2	25	-220	-4412	-27	0	10	-1660	2.5	190.0	99.1	0.0	192.4	3
7	25	-224	-18610	-26	0	10	-6848	2.5	783.7	417.9	0.0	786.2	3
8	25	-240	6218	37	0	-14	2338	2.7	267.6	139.6	0.0	270.3	3
9	25	-235	25730	36	0	-13	9470	2.6	1083.7	577.8	0.0	1086.4	3

ASTA NUM. 4 NI 1941 NF 1788 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-397	-4751	-30	0	10	-1660	4.5	190.0	106.7	0.0	194.4	1	
7	0	-403	-22110	-29	0	10	-6848	4.5	783.7	496.5	0.0	860.0	2	
8	0	-430	6716	42	0	-14	2338	4.8	267.6	150.8	0.0	272.4	1	
9	0	-422	30580	41	0	-13	9470	4.7	1083.7	686.7	0.0	1189.4	2	
2	12	-386	-4751	-30	0	14	-2254	4.3	257.9	106.7	0.0	262.3	3	
7	12	-392	-22110	-29	0	13	-9614	4.4	1100.2	496.5	0.0	1104.6	3	
8	12	-419	6716	42	0	-19	3178	4.7	363.6	150.8	0.0	368.3	3	
9	12	-411	30580	41	0	-19	13295	4.6	1521.5	686.7	0.0	1526.1	3	
2	25	-374	-4751	-30	0	18	-2848	4.2	325.9	106.7	0.0	330.1	3	
7	25	-380	-22110	-29	0	17	-12380	4.3	1416.7	496.5	0.0	1421.0	3	
8	25	-408	6716	42	0	-24	4017	4.6	459.7	150.8	0.0	464.3	3	
9	25	-399	30580	41	0	-24	17120	4.5	1959.2	686.7	0.0	1963.7	3	

ASTA NUM. 5 NI 1788 NF 1837 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-552	-3522	-24	0	18	-2848	6.2	325.9	79.1	0.0	332.1	3	
7	0	-560	-20170	-24	0	17	-12380	6.3	1416.7	452.9	0.0	1423.0	3	
8	0	-598	5020	34	0	-24	4017	6.7	459.7	112.7	0.0	466.4	3	
9	0	-587	27900	33	0	-24	17120	6.6	1959.2	626.5	0.0	1965.8	3	
2	12	-540	-3522	-24	0	21	-3288	6.1	376.3	79.1	0.0	382.3	3	
7	12	-549	-20170	-24	0	20	-14900	6.2	1705.1	452.9	0.0	1711.3	3	
8	12	-587	5020	34	0	-28	4644	6.6	531.5	112.7	0.0	538.1	3	
9	12	-575	27900	33	0	-28	20605	6.5	2358.0	626.5	0.0	2364.5	3	
2	25	-529	-3522	-24	0	24	-3728	5.9	426.6	79.1	0.0	432.6	3	
7	25	-537	-20170	-24	0	23	-17420	6.0	1993.5	452.9	0.0	1999.5	3	
8	25	-576	5020	34	0	-33	5272	6.5	603.3	112.7	0.0	609.8	3	
9	25	-564	27900	33	0	-32	24090	6.3	2756.8	626.5	0.0	2763.2	3	

ASTA NUM. 3 NI 1837 NF 1790 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-707	-943	-11	0	24	-3728	7.9	426.6	21.2	0.0	434.6	3	
7	0	-718	-13330	-11	0	23	-17420	8.1	1993.5	299.3	0.0	2001.6	3	
8	0	-767	1429	15	0	-33	5272	8.6	603.3	32.1	0.0	611.9	3	
9	0	-752	18460	15	0	-32	24090	8.4	2756.8	414.5	0.0	2765.3	3	
2	12	-696	-943	-11	0	25	-3846	7.8	440.1	21.2	0.0	447.9	3	
7	12	-706	-13330	-11	0	25	-19085	7.9	2184.1	299.3	0.0	2192.0	3	
8	12	-755	1429	15	0	-35	5450	8.5	623.8	32.1	0.0	632.2	3	
9	12	-741	18460	15	0	-34	26400	8.3	3021.2	414.5	0.0	3029.5	3	
2	25	-684	-943	-11	0	26	-3964	7.7	453.6	21.2	0.0	461.3	3	
7	25	-695	-13330	-11	0	26	-20750	7.8	2374.6	299.3	0.0	2382.4	3	
8	25	-744	1429	15	0	-36	5629	8.4	644.2	32.1	0.0	652.5	3	
9	25	-729	18460	15	0	-36	28710	8.2	3285.5	414.5	0.0	3293.7	3	

ASTA NUM. 6 NI 1790 NF 1652 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-863	2736	9	0	26	-3964	9.7	453.6	61.4	0.0	463.3	3	
7	0	-876	-2224	8	0	26	-20750	9.8	2374.6	49.9	0.0	2384.4	3	
8	0	-936	-3709	-13	0	-36	5629	10.5	644.2	83.3	0.0	654.7	3	
9	0	-918	3110	-11	0	-36	28710	10.3	3285.5	69.8	0.0	3295.8	3	
2	12	-851	2736	9	0	25	-3622	9.6	414.5	61.4	0.0	424.1	3	
7	12	-864	-2224	8	0	25	-21030	9.7	2406.6	49.9	0.0	2416.3	3	
8	12	-924	-3709	-13	0	-35	5166	10.4	591.1	83.3	0.0	601.5	3	
9	12	-906	3110	-11	0	-34	29100	10.2	3330.2	69.8	0.0	3340.3	3	
2	25	-840	2736	9	0	24	-3280	9.4	375.4	61.4	0.0	384.8	3	
7	25	-853	-2224	8	0	24	-21310	9.6	2438.7	49.9	0.0	2448.3	3	
8	25	-913	-3709	-13	0	-33	4702	10.2	538.1	83.3	0.0	548.4	3	

9 25 -895 3110 -11 0 -33 29490 10.0 3374.8 69.8 0.0 3384.8 3

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n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-863	14	1968	11	11	11	1.00	1.00	236.6	
7	-876	14	12786	11	11	11	1.00	1.00	1474.8	
8	-936	20	2821	11	11	11	1.00	1.00	335.7	
9	-918	20	17694	11	11	11	1.00	1.00	2037.5	

ASTA NUM. 7 NI 1507 NF 1505 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-92	-2356	-2	0	0	0	1.0	0.0	52.9	0.0	91.6	2	
7	0	-92	-8914	-2	0	0	0	1.0	0.0	200.2	0.0	346.7	2	
8	0	-90	3309	2	0	0	0	1.0	0.0	74.3	0.0	128.7	2	
9	0	-90	12320	2	0	0	0	1.0	0.0	276.7	0.0	479.2	2	
2	12	-81	-2356	-2	0	0	-294	0.9	33.7	52.9	0.0	91.6	2	
7	12	-80	-8914	-2	0	0	-1114	0.9	127.5	200.2	0.0	346.7	2	
8	12	-78	3309	2	0	-0	414	0.9	47.3	74.3	0.0	128.7	2	
9	12	-79	12320	2	0	-0	1540	0.9	176.3	276.7	0.0	479.2	2	
2	25	-70	-2356	-2	0	0	-589	0.8	67.4	52.9	0.0	91.6	2	
7	25	-69	-8914	-2	0	0	-2228	0.8	255.0	200.2	0.0	346.7	2	
8	25	-67	3309	2	0	-1	827	0.8	94.7	74.3	0.0	128.7	2	
9	25	-68	12320	2	0	-1	3081	0.8	352.6	276.7	0.0	479.2	2	

ASTA NUM. 8 NI 1505 NF 1492 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-254	-4679	-4	0	0	-589	2.9	67.4	105.1	0.0	182.0	2	
7	0	-253	-18870	-3	0	0	-2228	2.8	255.0	423.7	0.0	733.9	2	
8	0	-247	6584	5	0	-1	827	2.8	94.7	147.8	0.0	256.1	2	
9	0	-249	26090	5	0	-1	3081	2.8	352.6	585.9	0.0	1014.8	2	
2	12	-243	-4679	-4	0	1	-1174	2.7	134.4	105.1	0.0	182.0	2	
7	12	-242	-18870	-3	0	1	-4586	2.7	524.9	423.7	0.0	733.9	2	
8	12	-235	6584	5	0	-1	1650	2.6	188.8	147.8	0.0	256.1	2	
9	12	-237	26090	5	0	-1	6342	2.7	725.8	585.9	0.0	1014.8	2	
2	25	-232	-4679	-4	0	1	-1759	2.6	201.3	105.1	0.0	203.9	3	
7	25	-230	-18870	-3	0	1	-6945	2.6	794.8	423.7	0.0	797.4	1	
8	25	-224	6584	5	0	-2	2473	2.5	283.0	147.8	0.0	285.5	3	
9	25	-226	26090	5	0	-2	9604	2.5	1099.1	585.9	0.0	1101.6	1	

ASTA NUM. 9 NI 1492 NF 1490 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-416	-5060	-4	0	1	-1759	4.7	201.3	113.6	0.0	206.0	3	
7	0	-414	-22410	-4	0	1	-6945	4.6	794.8	503.2	0.0	871.6	2	
8	0	-404	7141	6	0	-2	2473	4.5	283.0	160.4	0.0	287.5	1	
9	0	-407	31000	5	0	-2	9604	4.6	1099.1	696.1	0.0	1205.7	2	
2	12	-405	-5060	-4	0	2	-2392	4.5	273.7	113.6	0.0	278.2	3	
7	12	-403	-22410	-4	0	2	-9748	4.5	1115.5	503.2	0.0	1120.0	1	
8	12	-392	7141	6	0	-3	3366	4.4	385.2	160.4	0.0	389.6	3	
9	12	-396	31000	5	0	-2	13477	4.4	1542.3	696.1	0.0	1546.7	1	
2	25	-394	-5060	-4	0	2	-3024	4.4	346.1	113.6	0.0	350.5	3	
7	25	-391	-22410	-4	0	2	-12550	4.4	1436.2	503.2	0.0	1440.6	1	
8	25	-381	7141	6	0	-3	4259	4.3	487.4	160.4	0.0	491.7	3	
9	25	-384	31000	5	0	-3	17350	4.3	1985.5	696.1	0.0	1989.8	1	

ASTA NUM. 10 NI 1490 NF 1477 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-579	-3791	-3	0	2	-3024	6.5	346.1	85.1	0.0	352.6	3	
7	0	-576	-20430	-3	0	2	-12550	6.5	1436.2	458.8	0.0	1442.7	1	

8	0	-561	5390	4	0	-3	4259	6.3	487.4	121.0	0.0	493.7	3
9	0	-566	28270	4	0	-3	17350	6.4	1985.5	634.8	0.0	1991.9	1
2	12	-568	-3791	-3	0	3	-3498	6.4	400.2	85.1	0.0	406.6	3
7	12	-564	-20430	-3	0	3	-15105	6.3	1728.6	458.8	0.0	1734.9	1
8	12	-550	5390	4	0	-4	4932	6.2	564.5	121.0	0.0	570.6	3
9	12	-554	28270	4	0	-4	20885	6.2	2390.0	634.8	0.0	2396.3	3
2	25	-556	-3791	-3	0	3	-3971	6.2	454.4	85.1	0.0	460.7	3
7	25	-553	-20430	-3	0	3	-17660	6.2	2021.0	458.8	0.0	2027.2	1
8	25	-539	5390	4	0	-4	5606	6.0	641.5	121.0	0.0	647.6	3
9	25	-543	28270	4	0	-4	24420	6.1	2794.6	634.8	0.0	2800.7	1

ASTA NUM. 11 NI 1477 NF 1475 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-742	-1100	-1	0	3	-3971	8.3	454.4	24.7	0.0	462.8	3	
7	0	-738	-13480	-1	0	3	-17660	8.3	2021.0	302.7	0.0	2029.3	1	
8	0	-719	1644	2	0	-4	5606	8.1	641.5	36.9	0.0	649.6	3	
9	0	-725	18670	2	0	-4	24420	8.1	2794.6	419.2	0.0	2802.7	1	
2	12	-730	-1100	-1	0	3	-4108	8.2	470.2	24.7	0.0	478.4	3	
7	12	-726	-13480	-1	0	3	-19345	8.2	2213.8	302.7	0.0	2222.0	1	
8	12	-708	1644	2	0	-5	5812	7.9	665.1	36.9	0.0	673.0	3	
9	12	-714	18670	2	0	-4	26755	8.0	3061.8	419.2	0.0	3069.8	1	
2	25	-719	-1100	-1	0	4	-4246	8.1	485.9	24.7	0.0	494.0	3	
7	25	-715	-13480	-1	0	3	-21030	8.0	2406.6	302.7	0.0	2414.7	1	
8	25	-696	1644	2	0	-5	6017	7.8	688.6	36.9	0.0	696.4	3	
9	25	-702	18670	2	0	-5	29090	7.9	3329.0	419.2	0.0	3336.9	1	

ASTA NUM. 12 NI 1475 NF 1435 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-905	2756	1	0	4	-4246	10.2	485.9	61.9	0.0	496.1	3	
7	0	-900	-2201	1	0	3	-21030	10.1	2406.6	49.4	0.0	2416.7	1	
8	0	-878	-3735	-2	0	-5	6017	9.9	688.6	83.9	0.0	698.4	3	
9	0	-885	3079	-2	0	-5	29090	9.9	3329.0	69.1	0.0	3338.9	1	
2	12	-894	2756	1	0	3	-3902	10.0	446.5	61.9	0.0	456.5	3	
7	12	-889	-2201	1	0	3	-21305	10.0	2438.1	49.4	0.0	2448.1	1	
8	12	-866	-3735	-2	0	-5	5550	9.7	635.1	83.9	0.0	644.9	3	
9	12	-873	3079	-2	0	-4	29475	9.8	3373.1	69.1	0.0	3382.9	1	
2	25	-882	2756	1	0	3	-3557	9.9	407.1	61.9	0.0	417.0	3	
7	25	-877	-2201	1	0	3	-21580	9.9	2469.6	49.4	0.0	2479.4	1	
8	25	-855	-3735	-2	0	-4	5083	9.6	581.7	83.9	0.0	591.3	3	
9	25	-862	3079	-2	0	-4	29860	9.7	3417.1	69.1	0.0	3426.8	1	

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n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota	
	kg	kg*m								kg/cmq	
2	-905	2	2134	11	11	11	1.00	1.00	254.6		
7	-900	2	12948	11	11	11	1.00	1.00	1492.1		
8	-878	3	3050	11	11	11	1.00	1.00	359.2		
9	-885	2	17916	11	11	11	1.00	1.00	2060.6		

ASTA NUM. 13 NI 4506 NF 4507 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-92	-2353	1	0	0	0	1.0	0.0	52.8	0.0	91.5	2	
7	0	-92	-8909	1	0	0	0	1.0	0.0	200.1	0.0	346.5	2	
8	0	-90	3305	-1	0	0	0	1.0	0.0	74.2	0.0	128.5	2	
9	0	-90	12320	-1	0	0	0	1.0	0.0	276.7	0.0	479.2	2	
2	12	-81	-2353	1	0	-0	-294	0.9	33.7	52.8	0.0	91.5	2	
7	12	-81	-8909	1	0	-0	-1114	0.9	127.4	200.1	0.0	346.5	2	
8	12	-78	3305	-1	0	0	413	0.9	47.3	74.2	0.0	128.5	2	
9	12	-79	12320	-1	0	0	1540	0.9	176.2	276.7	0.0	479.2	2	
2	25	-70	-2353	1	0	-0	-588	0.8	67.3	52.8	0.0	91.5	2	
7	25	-69	-8909	1	0	-0	-2227	0.8	254.9	200.1	0.0	346.5	2	
8	25	-67	3305	-1	0	0	826	0.8	94.5	74.2	0.0	128.5	2	
9	25	-68	12320	-1	0	0	3080	0.8	352.5	276.7	0.0	479.2	2	

ASTA NUM. 14 NI 4507 NF 4508 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-255	-4673	2	0	-0	-588	2.9	67.3	104.9	0.0	181.8	2	
7	0	-253	-18860	2	0	-0	-2227	2.8	254.9	423.5	0.0	733.5	2	
8	0	-246	6576	-3	0	0	826	2.8	94.5	147.7	0.0	255.8	2	
9	0	-248	26080	-3	0	0	3080	2.8	352.5	585.6	0.0	1014.4	2	
2	12	-243	-4673	2	0	-0	-1172	2.7	134.1	104.9	0.0	181.8	2	
7	12	-242	-18860	2	0	-0	-4584	2.7	524.6	423.5	0.0	733.5	2	
8	12	-235	6576	-3	0	1	1648	2.6	188.6	147.7	0.0	255.8	2	
9	12	-237	26080	-3	0	1	6340	2.7	725.5	585.6	0.0	1014.4	2	
2	25	-232	-4673	2	0	-1	-1756	2.6	201.0	104.9	0.0	203.6	1	
7	25	-231	-18860	2	0	-1	-6942	2.6	794.4	423.5	0.0	797.0	1	
8	25	-223	6576	-3	0	1	2470	2.5	282.7	147.7	0.0	285.2	3	
9	25	-225	26080	-3	0	1	9599	2.5	1098.5	585.6	0.0	1101.0	1	

ASTA NUM. 15 NI 4508 NF 4509 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-417	-5052	2	0	-1	-1756	4.7	201.0	113.4	0.0	205.6	1	
7	0	-415	-22400	2	0	-1	-6942	4.7	794.4	503.0	0.0	871.2	2	
8	0	-403	7132	-3	0	1	2470	4.5	282.7	160.2	0.0	287.2	1	
9	0	-406	30990	-3	0	1	9599	4.6	1098.5	695.9	0.0	1205.3	2	
2	12	-406	-5052	2	0	-1	-2388	4.6	273.2	113.4	0.0	277.8	3	
7	12	-403	-22400	2	0	-1	-9741	4.5	1114.7	503.0	0.0	1119.3	1	
8	12	-391	7132	-3	0	1	3362	4.4	384.7	160.2	0.0	389.1	1	
9	12	-395	30990	-3	0	1	13474	4.4	1542.0	695.9	0.0	1546.4	1	
2	25	-394	-5052	2	0	-1	-3019	4.4	345.5	113.4	0.0	349.9	3	
7	25	-392	-22400	2	0	-1	-12540	4.4	1435.1	503.0	0.0	1439.5	1	
8	25	-380	7132	-3	0	2	4253	4.3	486.7	160.2	0.0	491.0	3	
9	25	-383	30990	-3	0	2	17350	4.3	1985.5	695.9	0.0	1989.8	1	

ASTA NUM. 16 NI 4509 NF 4511 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-580	-3786	2	0	-1	-3019	6.5	345.5	85.0	0.0	352.0	3	
7	0	-577	-20420	2	0	-1	-12540	6.5	1435.1	458.5	0.0	1441.5	1	
8	0	-560	5382	-2	0	2	4253	6.3	486.7	120.9	0.0	493.0	3	
9	0	-564	28250	-2	0	2	17350	6.3	1985.5	634.4	0.0	1991.8	1	
2	12	-569	-3786	2	0	-1	-3492	6.4	399.7	85.0	0.0	406.1	3	
7	12	-565	-20420	2	0	-1	-15095	6.3	1727.4	458.5	0.0	1733.8	1	
8	12	-548	5382	-2	0	2	4926	6.2	563.7	120.9	0.0	569.8	3	
9	12	-553	28250	-2	0	2	20880	6.2	2389.5	634.4	0.0	2395.7	1	
2	25	-557	-3786	2	0	-2	-3966	6.3	453.9	85.0	0.0	460.1	3	
7	25	-554	-20420	2	0	-2	-17650	6.2	2019.8	458.5	0.0	2026.1	1	
8	25	-537	5382	-2	0	2	5598	6.0	640.6	120.9	0.0	646.7	3	
9	25	-542	28250	-2	0	2	24410	6.1	2793.4	634.4	0.0	2799.5	1	

ASTA NUM. 17 NI 4511 NF 4510 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-743	-1097	1	0	-2	-3966	8.3	453.9	24.6	0.0	462.2	3	
7	0	-739	-13480	1	0	-2	-17650	8.3	2019.8	302.7	0.0	2028.1	1	
8	0	-717	1640	-1	0	2	5598	8.1	640.6	36.8	0.0	648.7	3	
9	0	-723	18660	-1	0	2	24410	8.1	2793.4	419.0	0.0	2801.6	1	
2	12	-732	-1097	1	0	-2	-4103	8.2	469.5	24.6	0.0	477.8	3	
7	12	-728	-13480	1	0	-2	-19335	8.2	2212.7	302.7	0.0	2220.8	1	
8	12	-706	1640	-1	0	2	5804	7.9	664.1	36.8	0.0	672.1	3	
9	12	-712	18660	-1	0	2	26745	8.0	3060.6	419.0	0.0	3068.6	1	
2	25	-720	-1097	1	0	-2	-4240	8.1	485.2	24.6	0.0	493.3	3	
7	25	-716	-13480	1	0	-2	-21020	8.0	2405.5	302.7	0.0	2413.5	1	
8	25	-694	1640	-1	0	3	6009	7.8	687.7	36.8	0.0	695.5	3	
9	25	-700	18660	-1	0	3	29080	7.9	3327.9	419.0	0.0	3335.7	1	

ASTA NUM. 18 NI 4510 NF 1434 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-907	2754	-1	0	-2	-4240	10.2	485.2	61.8	0.0	495.4	3	
7	0	-902	-2203	-1	0	-2	-21020	10.1	2405.5	49.5	0.0	2415.6	1	
8	0	-875	-3733	1	0	3	6009	9.8	687.7	83.8	0.0	697.5	3	
9	0	-882	3082	1	0	3	29080	9.9	3327.9	69.2	0.0	3337.8	1	
2	12	-896	2754	-1	0	-2	-3896	10.1	445.9	61.8	0.0	455.9	3	
7	12	-890	-2203	-1	0	-2	-21295	10.0	2437.0	49.5	0.0	2447.0	1	
8	12	-864	-3733	1	0	3	5542	9.7	634.2	83.8	0.0	643.9	3	
9	12	-871	3082	1	0	3	29465	9.8	3371.9	69.2	0.0	3381.7	1	
2	25	-884	2754	-1	0	-2	-3552	9.9	406.5	61.8	0.0	416.4	3	
7	25	-879	-2203	-1	0	-2	-21570	9.9	2468.4	49.5	0.0	2478.3	1	
8	25	-852	-3733	1	0	2	5075	9.6	580.8	83.8	0.0	590.3	3	
9	25	-860	3082	1	0	2	29850	9.7	3416.0	69.2	0.0	3425.6	1	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-907	1	2131	11	11	11	1.00	1.00	254.2	
7	-902	1	12942	11	11	11	1.00	1.00	1491.4	
8	-875	1	3045	11	11	11	1.00	1.00	358.5	
9	-882	1	17910	11	11	11	1.00	1.00	2059.8	

ASTA NUM. 19 NI 1432 NF 1431 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-92	-2340	0	0	0	0	1.0	0.0	52.5	0.0	91.0	2	
7	0	-92	-8896	-0	0	0	0	1.0	0.0	199.8	0.0	346.0	2	
8	0	-90	3288	-0	0	0	0	1.0	0.0	73.8	0.0	127.9	2	
9	0	-91	12300	0	0	0	0	1.0	0.0	276.2	0.0	478.4	2	
2	12	-81	-2340	0	0	-0	-293	0.9	33.5	52.5	0.0	91.0	2	
7	12	-80	-8896	-0	0	0	-1112	0.9	127.3	199.8	0.0	346.0	2	
8	12	-79	3288	-0	0	0	411	0.9	47.0	73.8	0.0	127.9	2	
9	12	-79	12300	0	0	-0	1538	0.9	175.9	276.2	0.0	478.4	2	
2	25	-70	-2340	0	0	-0	-585	0.8	67.0	52.5	0.0	91.0	2	
7	25	-69	-8896	-0	0	0	-2224	0.8	254.5	199.8	0.0	346.0	2	
8	25	-67	3288	-0	0	0	822	0.8	94.1	73.8	0.0	127.9	2	
9	25	-68	12300	0	0	-0	3075	0.8	351.9	276.2	0.0	478.4	2	

ASTA NUM. 20 NI 1431 NF 1430 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-254	-4647	0	0	-0	-585	2.9	67.0	104.4	0.0	180.8	2	
7	0	-253	-18830	-0	0	0	-2224	2.8	254.5	422.8	0.0	732.4	2	
8	0	-247	6540	-0	0	0	822	2.8	94.1	146.9	0.0	254.4	2	
9	0	-249	26040	0	0	-0	3075	2.8	351.9	584.7	0.0	1012.8	2	
2	12	-243	-4647	0	0	-0	-1166	2.7	133.4	104.4	0.0	180.8	2	
7	12	-241	-18830	-0	0	0	-4578	2.7	523.9	422.8	0.0	732.4	2	
8	12	-236	6540	-0	0	0	1639	2.6	187.6	146.9	0.0	254.4	2	
9	12	-238	26040	0	0	-0	6330	2.7	724.5	584.7	0.0	1012.8	2	
2	25	-231	-4647	0	0	-0	-1747	2.6	199.9	104.4	0.0	202.5	1	
7	25	-230	-18830	-0	0	0	-6932	2.6	793.3	422.8	0.0	795.9	1	
8	25	-224	6540	-0	0	0	2457	2.5	281.2	146.9	0.0	283.7	1	
9	25	-226	26040	0	0	-0	9586	2.5	1097.0	584.7	0.0	1099.5	1	

ASTA NUM. 21 NI 1430 NF 1429 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-416	-5023	0	0	-0	-1747	4.7	199.9	112.8	0.0	204.6	1	
7	0	-414	-22370	-0	0	0	-6932	4.6	793.3	502.3	0.0	870.1	2	
8	0	-404	7091	-0	0	0	2457	4.5	281.2	159.2	0.0	285.7	1	
9	0	-407	30940	0	0	-0	9586	4.6	1097.0	694.8	0.0	1203.4	2	
2	12	-405	-5023	0	0	-0	-2375	4.5	271.8	112.8	0.0	276.3	1	

7	12	-402	-22370	-0	0	0	-9731	4.5	1113.6	502.3	0.0	1118.1	1
8	12	-393	7091	-0	0	0	3344	4.4	382.6	159.2	0.0	387.0	1
9	12	-396	30940	0	0	-0	13453	4.4	1539.5	694.8	0.0	1544.0	1
2	25	-394	-5023	0	0	-0	-3003	4.4	343.7	112.8	0.0	348.1	1
7	25	-391	-22370	-0	0	0	-12530	4.4	1433.9	502.3	0.0	1438.3	1
8	25	-382	7091	-0	0	0	4230	4.3	484.1	159.2	0.0	488.4	1
9	25	-385	30940	0	0	-0	17320	4.3	1982.1	694.8	0.0	1986.4	1

ASTA NUM. 22 NI 1429 NF 1428 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-579	-3760	0	0	-0	-3003	6.5	343.7	84.4	0.0	350.2	1	
7	0	-575	-20400	-0	0	0	-12530	6.5	1433.9	458.1	0.0	1440.4	1	
8	0	-562	5347	-0	0	0	4230	6.3	484.1	120.1	0.0	490.4	1	
9	0	-566	28220	0	0	-0	17320	6.4	1982.1	633.7	0.0	1988.4	1	
2	12	-567	-3760	0	0	-0	-3473	6.4	397.4	84.4	0.0	403.8	1	
7	12	-564	-20400	-0	0	0	-15075	6.3	1725.2	458.1	0.0	1731.5	1	
8	12	-550	5347	-0	0	0	4898	6.2	560.5	120.1	0.0	566.7	1	
9	12	-555	28220	0	0	-0	20850	6.2	2386.0	633.7	0.0	2392.3	1	
2	25	-556	-3760	0	0	-0	-3943	6.2	451.2	84.4	0.0	457.5	1	
7	25	-553	-20400	-0	0	0	-17620	6.2	2016.4	458.1	0.0	2022.6	1	
8	25	-539	5347	-0	0	0	5566	6.1	637.0	120.1	0.0	643.0	1	
9	25	-544	28220	0	0	-0	24380	6.1	2790.0	633.7	0.0	2796.1	1	

ASTA NUM. 23 NI 1428 NF 1427 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-741	-1082	0	0	-0	-3943	8.3	451.2	24.3	0.0	459.6	1	
7	0	-737	-13470	-0	0	0	-17620	8.3	2016.4	302.5	0.0	2024.7	1	
8	0	-720	1620	-0	0	0	5566	8.1	637.0	36.4	0.0	645.0	1	
9	0	-726	18640	0	0	-0	24380	8.1	2790.0	418.6	0.0	2798.1	1	
2	12	-730	-1082	0	0	-0	-4078	8.2	466.7	24.3	0.0	474.9	1	
7	12	-726	-13470	-0	0	0	-19305	8.1	2209.2	302.5	0.0	2217.4	1	
8	12	-708	1620	-0	0	0	5769	8.0	660.2	36.4	0.0	668.1	1	
9	12	-714	18640	0	0	-0	26710	8.0	3056.6	418.6	0.0	3064.7	1	
2	25	-719	-1082	0	0	-0	-4213	8.1	482.1	24.3	0.0	490.2	1	
7	25	-714	-13470	-0	0	0	-20990	8.0	2402.1	302.5	0.0	2410.1	1	
8	25	-697	1620	-0	0	0	5972	7.8	683.4	36.4	0.0	691.2	1	
9	25	-703	18640	0	0	-0	29040	7.9	3323.3	418.6	0.0	3331.2	1	

ASTA NUM. 24 NI 1427 NF 1426 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-905	2751	-0	0	-0	-4213	10.2	482.1	61.8	0.0	492.3	1	
7	0	-900	-2206	0	0	0	-20990	10.1	2402.1	49.5	0.0	2412.2	1	
8	0	-878	-3729	0	0	0	5972	9.9	683.4	83.7	0.0	693.3	1	
9	0	-885	3085	-0	0	-0	29040	9.9	3323.3	69.3	0.0	3333.2	1	
2	12	-893	2751	-0	0	-0	-3869	10.0	442.8	61.8	0.0	452.8	1	
7	12	-888	-2206	0	0	0	-21265	10.0	2433.5	49.5	0.0	2443.5	1	
8	12	-867	-3729	0	0	0	5506	9.7	630.0	83.7	0.0	639.8	1	
9	12	-874	3085	-0	0	-0	29425	9.8	3367.3	69.3	0.0	3377.2	1	
2	25	-882	2751	-0	0	-0	-3525	9.9	403.4	61.8	0.0	413.3	1	
7	25	-877	-2206	0	0	0	-21540	9.8	2465.0	49.5	0.0	2474.8	1	
8	25	-855	-3729	0	0	0	5039	9.6	576.7	83.7	0.0	586.3	1	
9	25	-862	3085	-0	0	-0	29810	9.7	3411.4	69.3	0.0	3421.1	1	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-905	0	2115	11	11	11	1.00	1.00	252.2	
7	-900	0	12924	11	11	11	1.00	1.00	1489.2	
8	-878	0	3023	11	11	11	1.00	1.00	355.9	
9	-885	0	17886	11	11	11	1.00	1.00	2056.9	

ASTA NUM. 25 NI 1424 NF 1423 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-92	-2353	-1	0	0	0	1.0	0.0	52.8	0.0	91.5	2	
7	0	-92	-8909	-1	0	0	0	1.0	0.0	200.1	0.0	346.5	2	
8	0	-90	3305	1	0	0	0	1.0	0.0	74.2	0.0	128.5	2	
9	0	-90	12320	1	0	0	0	1.0	0.0	276.7	0.0	479.2	2	
2	12	-81	-2353	-1	0	0	-294	0.9	33.7	52.8	0.0	91.5	2	
7	12	-81	-8909	-1	0	0	-1114	0.9	127.4	200.1	0.0	346.5	2	
8	12	-78	3305	1	0	-0	413	0.9	47.3	74.2	0.0	128.5	2	
9	12	-79	12320	1	0	-0	1540	0.9	176.2	276.7	0.0	479.2	2	
2	25	-70	-2353	-1	0	0	-588	0.8	67.3	52.8	0.0	91.5	2	
7	25	-69	-8909	-1	0	0	-2227	0.8	254.9	200.1	0.0	346.5	2	
8	25	-67	3305	1	0	-0	826	0.8	94.5	74.2	0.0	128.5	2	
9	25	-68	12320	1	0	-0	3080	0.8	352.5	276.7	0.0	479.2	2	

ASTA NUM. 26 NI 1423 NF 1422 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-255	-4673	-2	0	0	-588	2.9	67.3	104.9	0.0	181.8	2	
7	0	-253	-18860	-2	0	0	-2227	2.8	254.9	423.5	0.0	733.5	2	
8	0	-246	6576	3	0	-0	826	2.8	94.5	147.7	0.0	255.8	2	
9	0	-248	26080	3	0	-0	3080	2.8	352.5	585.6	0.0	1014.4	2	
2	12	-243	-4673	-2	0	0	-1172	2.7	134.1	104.9	0.0	181.8	2	
7	12	-242	-18860	-2	0	0	-4584	2.7	524.6	423.5	0.0	733.5	2	
8	12	-235	6576	3	0	-1	1648	2.6	188.6	147.7	0.0	255.8	2	
9	12	-237	26080	3	0	-1	6340	2.7	725.5	585.6	0.0	1014.4	2	
2	25	-232	-4673	-2	0	1	-1756	2.6	201.0	104.9	0.0	203.6	1	
7	25	-231	-18860	-2	0	1	-6942	2.6	794.4	423.5	0.0	797.0	1	
8	25	-223	6576	3	0	-1	2470	2.5	282.7	147.7	0.0	285.2	3	
9	25	-225	26080	3	0	-1	9599	2.5	1098.5	585.6	0.0	1101.0	1	

ASTA NUM. 27 NI 1422 NF 1421 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-417	-5052	-2	0	1	-1756	4.7	201.0	113.4	0.0	205.6	1	
7	0	-415	-22400	-2	0	1	-6942	4.7	794.4	503.0	0.0	871.2	2	
8	0	-403	7132	3	0	-1	2470	4.5	282.7	160.2	0.0	287.2	1	
9	0	-406	30990	3	0	-1	9599	4.6	1098.5	695.9	0.0	1205.3	2	
2	12	-406	-5052	-2	0	1	-2388	4.6	273.2	113.4	0.0	277.8	3	
7	12	-404	-22400	-2	0	1	-9741	4.5	1114.7	503.0	0.0	1119.3	1	
8	12	-391	7132	3	0	-1	3362	4.4	384.7	160.2	0.0	389.1	1	
9	12	-395	30990	3	0	-1	13474	4.4	1542.0	695.9	0.0	1546.4	1	
2	25	-394	-5052	-2	0	1	-3019	4.4	345.5	113.4	0.0	349.9	3	
7	25	-392	-22400	-2	0	1	-12540	4.4	1435.1	503.0	0.0	1439.5	1	
8	25	-380	7132	3	0	-2	4253	4.3	486.7	160.2	0.0	491.0	3	
9	25	-383	30990	3	0	-2	17350	4.3	1985.5	695.9	0.0	1989.8	1	

ASTA NUM. 28 NI 1421 NF 1420 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-580	-3786	-2	0	1	-3019	6.5	345.5	85.0	0.0	352.0	3	
7	0	-577	-20420	-2	0	1	-12540	6.5	1435.1	458.5	0.0	1441.5	1	
8	0	-560	5382	2	0	-2	4253	6.3	486.7	120.9	0.0	493.0	3	
9	0	-564	28250	3	0	-2	17350	6.3	1985.5	634.4	0.0	1991.8	1	
2	12	-569	-3786	-2	0	1	-3492	6.4	399.7	85.0	0.0	406.1	3	
7	12	-565	-20420	-2	0	2	-15095	6.3	1727.4	458.5	0.0	1733.8	1	
8	12	-548	5382	2	0	-2	4926	6.2	563.7	120.9	0.0	569.8	3	
9	12	-553	28250	3	0	-2	20880	6.2	2389.5	634.4	0.0	2395.7	1	
2	25	-557	-3786	-2	0	2	-3966	6.3	453.9	85.0	0.0	460.1	3	
7	25	-554	-20420	-2	0	2	-17650	6.2	2019.8	458.5	0.0	2026.1	1	
8	25	-537	5382	2	0	-2	5598	6.0	640.6	120.9	0.0	646.7	3	
9	25	-542	28250	3	0	-2	24410	6.1	2793.4	634.4	0.0	2799.5	1	

ASTA NUM. 29 NI 1420 NF 1419 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						

2	0	-743	-1097	-1	0	2	-3966	8.3	453.9	24.6	0.0	462.2	3
7	0	-739	-13480	-1	0	2	-17650	8.3	2019.8	302.7	0.0	2028.1	1
8	0	-717	1640	1	0	-2	5598	8.1	640.6	36.8	0.0	648.7	3
9	0	-723	18660	1	0	-2	24410	8.1	2793.4	419.0	0.0	2801.6	1
2	12	-732	-1097	-1	0	2	-4103	8.2	469.5	24.6	0.0	477.8	3
7	12	-728	-13480	-1	0	2	-19335	8.2	2212.7	302.7	0.0	2220.8	1
8	12	-706	1640	1	0	-2	5804	7.9	664.1	36.8	0.0	672.1	3
9	12	-712	18660	1	0	-3	26745	8.0	3060.6	419.0	0.0	3068.6	1
2	25	-720	-1097	-1	0	2	-4240	8.1	485.2	24.6	0.0	493.3	3
7	25	-716	-13480	-1	0	2	-21020	8.0	2405.5	302.7	0.0	2413.5	1
8	25	-694	1640	1	0	-3	6009	7.8	687.7	36.8	0.0	695.5	3
9	25	-700	18660	1	0	-3	29080	7.9	3327.9	419.0	0.0	3335.7	1

ASTA NUM. 30 NI 1419 NF 1418 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-907	2754	1	0	2	-4240	10.2	485.2	61.8	0.0	495.4	3		
7	0	-902	-2203	1	0	2	-21020	10.1	2405.5	49.5	0.0	2415.6	1		
8	0	-875	-3733	-1	0	-3	6009	9.8	687.7	83.8	0.0	697.5	3		
9	0	-882	3082	-1	0	-3	29080	9.9	3327.9	69.2	0.0	3337.8	1		
2	13	-896	2754	1	0	2	-3896	10.1	445.9	61.8	0.0	455.9	3		
7	13	-890	-2203	1	0	2	-21295	10.0	2437.0	49.5	0.0	2447.0	1		
8	13	-864	-3733	-1	0	-2	5542	9.7	634.2	83.8	0.0	643.9	3		
9	13	-871	3082	-1	0	-3	29465	9.8	3371.9	69.2	0.0	3381.7	1		
2	25	-884	2754	1	0	2	-3552	9.9	406.5	61.8	0.0	416.4	3		
7	25	-879	-2203	1	0	2	-21570	9.9	2468.4	49.5	0.0	2478.3	1		
8	25	-852	-3733	-1	0	-2	5075	9.6	580.8	83.8	0.0	590.3	3		
9	25	-859	3082	-1	0	-3	29850	9.6	3416.0	69.2	0.0	3425.6	1		

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n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-907	1	2131	11	11	11	1.00	1.00	254.2	
7	-902	1	12942	11	11	11	1.00	1.00	1491.4	
8	-875	1	3045	11	11	11	1.00	1.00	358.5	
9	-882	2	17910	11	11	11	1.00	1.00	2059.8	

ASTA NUM. 31 NI 1416 NF 1415 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-92	-2356	2	0	0	0	1.0	0.0	52.9	0.0	91.6	2		
7	0	-92	-8914	2	0	0	0	1.0	0.0	200.2	0.0	346.7	2		
8	0	-90	3309	-3	0	0	0	1.0	0.0	74.3	0.0	128.7	2		
9	0	-90	12320	-2	0	0	0	1.0	0.0	276.7	0.0	479.2	2		
2	12	-81	-2356	2	0	-0	-294	0.9	33.7	52.9	0.0	91.6	2		
7	12	-80	-8914	2	0	-0	-1114	0.9	127.5	200.2	0.0	346.7	2		
8	12	-78	3309	-3	0	0	414	0.9	47.3	74.3	0.0	128.7	2		
9	12	-79	12320	-2	0	0	1540	0.9	176.3	276.7	0.0	479.2	2		
2	25	-70	-2356	2	0	-0	-589	0.8	67.4	52.9	0.0	91.6	2		
7	25	-69	-8914	2	0	-0	-2228	0.8	255.0	200.2	0.0	346.7	2		
8	25	-67	3309	-3	0	1	827	0.8	94.7	74.3	0.0	128.7	2		
9	25	-68	12320	-2	0	1	3081	0.8	352.6	276.7	0.0	479.2	2		

ASTA NUM. 32 NI 1415 NF 1414 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota	
	cm	kg			kg*m			kg/cmq							
2	0	-254	-4679	4	0	-0	-589	2.9	67.4	105.1	0.0	182.0	2		
7	0	-253	-18870	3	0	-0	-2228	2.8	255.0	423.7	0.0	733.9	2		
8	0	-247	6584	-5	0	1	827	2.8	94.7	147.8	0.0	256.1	2		
9	0	-249	26090	-5	0	1	3081	2.8	352.6	585.9	0.0	1014.8	2		
2	12	-243	-4679	4	0	-1	-1174	2.7	134.4	105.1	0.0	182.0	2		
7	12	-242	-18870	3	0	-1	-4586	2.7	524.9	423.7	0.0	733.9	2		
8	12	-235	6584	-5	0	1	1650	2.6	188.8	147.8	0.0	256.1	2		
9	12	-237	26090	-5	0	1	6342	2.7	725.8	585.9	0.0	1014.8	2		

2	25	-232	-4679	4	0	-1	-1759	2.6	201.3	105.1	0.0	203.9	3
7	25	-230	-18870	3	0	-1	-6945	2.6	794.8	423.7	0.0	797.4	1
8	25	-224	6584	-5	0	2	2473	2.5	283.0	147.8	0.0	285.5	3
9	25	-226	26090	-5	0	2	9604	2.5	1099.1	585.9	0.0	1101.6	1

ASTA NUM. 33 NI 1414 NF 1413 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-416	-5060	4	0	-1	-1759	4.7	201.3	113.6	0.0	206.0	3	
7	0	-414	-22410	4	0	-1	-6945	4.7	794.8	503.2	0.0	871.6	2	
8	0	-404	7141	-6	0	2	2473	4.5	283.0	160.4	0.0	287.5	1	
9	0	-407	31000	-5	0	2	9604	4.6	1099.1	696.1	0.0	1205.7	2	
2	12	-405	-5060	4	0	-2	-2392	4.5	273.7	113.6	0.0	278.2	3	
7	12	-403	-22410	4	0	-2	-9748	4.5	1115.5	503.2	0.0	1120.0	1	
8	12	-393	7141	-6	0	3	3366	4.4	385.2	160.4	0.0	389.6	3	
9	12	-396	31000	-5	0	2	13477	4.4	1542.3	696.1	0.0	1546.7	1	
2	25	-394	-5060	4	0	-2	-3024	4.4	346.1	113.6	0.0	350.5	3	
7	25	-392	-22410	4	0	-2	-12550	4.4	1436.2	503.2	0.0	1440.6	1	
8	25	-381	7141	-6	0	3	4259	4.3	487.4	160.4	0.0	491.7	3	
9	25	-384	31000	-5	0	3	17350	4.3	1985.5	696.1	0.0	1989.8	1	

ASTA NUM. 34 NI 1413 NF 1412 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-579	-3791	3	0	-2	-3024	6.5	346.1	85.1	0.0	352.6	3	
7	0	-576	-20430	3	0	-2	-12550	6.5	1436.2	458.8	0.0	1442.7	1	
8	0	-561	5390	-4	0	3	4259	6.3	487.4	121.0	0.0	493.7	3	
9	0	-566	28270	-4	0	3	17350	6.4	1985.5	634.8	0.0	1991.9	1	
2	12	-568	-3791	3	0	-3	-3498	6.4	400.2	85.1	0.0	406.6	3	
7	12	-564	-20430	3	0	-3	-15105	6.3	1728.6	458.8	0.0	1734.9	1	
8	12	-550	5390	-4	0	4	4932	6.2	564.5	121.0	0.0	570.6	3	
9	12	-554	28270	-4	0	4	20885	6.2	2390.0	634.8	0.0	2396.3	1	
2	25	-556	-3791	3	0	-3	-3971	6.2	454.4	85.1	0.0	460.7	3	
7	25	-553	-20430	3	0	-3	-17660	6.2	2021.0	458.8	0.0	2027.2	1	
8	25	-539	5390	-4	0	4	5606	6.0	641.5	121.0	0.0	647.6	3	
9	25	-543	28270	-4	0	4	24420	6.1	2794.6	634.8	0.0	2800.7	1	

ASTA NUM. 35 NI 1412 NF 1411 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-742	-1100	1	0	-3	-3971	8.3	454.4	24.7	0.0	462.8	3	
7	0	-738	-13480	1	0	-3	-17660	8.3	2021.0	302.7	0.0	2029.3	1	
8	0	-719	1644	-2	0	4	5606	8.1	641.5	36.9	0.0	649.6	3	
9	0	-725	18670	-2	0	4	24420	8.1	2794.6	419.2	0.0	2802.7	1	
2	12	-730	-1100	1	0	-3	-4108	8.2	470.2	24.7	0.0	478.4	3	
7	12	-726	-13480	1	0	-3	-19345	8.2	2213.8	302.7	0.0	2222.0	1	
8	12	-708	1644	-2	0	5	5812	7.9	665.1	36.9	0.0	673.0	3	
9	12	-713	18670	-2	0	4	26755	8.0	3061.8	419.2	0.0	3069.8	1	
2	25	-719	-1100	1	0	-4	-4246	8.1	485.9	24.7	0.0	494.0	3	
7	25	-715	-13480	1	0	-3	-21030	8.0	2406.6	302.7	0.0	2414.7	1	
8	25	-696	1644	-2	0	5	6017	7.8	688.6	36.9	0.0	696.4	3	
9	25	-702	18670	-2	0	4	29090	7.9	3329.0	419.2	0.0	3336.9	1	

ASTA NUM. 36 NI 1411 NF 1410 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-905	2756	-1	0	-4	-4246	10.2	485.9	61.9	0.0	496.1	3	
7	0	-900	-2201	-1	0	-3	-21030	10.1	2406.6	49.4	0.0	2416.7	1	
8	0	-878	-3735	2	0	5	6017	9.9	688.6	83.9	0.0	698.4	3	
9	0	-884	3079	2	0	4	29090	9.9	3329.0	69.1	0.0	3338.9	1	
2	13	-894	2756	-1	0	-3	-3902	10.0	446.5	61.9	0.0	456.5	3	
7	13	-889	-2201	-1	0	-3	-21305	10.0	2438.1	49.4	0.0	2448.1	1	
8	13	-866	-3735	2	0	5	5550	9.7	635.1	83.9	0.0	644.9	3	
9	13	-873	3079	2	0	4	29475	9.8	3373.1	69.1	0.0	3382.9	1	
2	25	-882	2756	-1	0	-3	-3557	9.9	407.1	61.9	0.0	417.0	3	
7	25	-878	-2201	-1	0	-3	-21580	9.9	2469.6	49.4	0.0	2479.4	1	
8	25	-855	-3735	2	0	4	5083	9.6	581.7	83.9	0.0	591.3	3	

9 25 -862 3079 2 0 4 29860 9.7 3417.1 69.1 0.0 3426.8 1

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n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-905	2	2134	11	11	11	1.00	1.00	254.6	
7	-900	2	12948	11	11	11	1.00	1.00	1492.1	
8	-878	3	3050	11	11	11	1.00	1.00	359.2	
9	-884	2	17916	11	11	11	1.00	1.00	2060.6	

ASTA NUM. 37 NI 1408 NF 1407 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-88	-2228	13	0	0	0	1.0	0.0	50.0	0.0	86.7	2	
7	0	-90	-8787	13	0	0	0	1.0	0.0	197.3	0.0	341.8	2	
8	0	-95	3133	-18	0	0	0	1.1	0.0	70.4	0.0	121.9	2	
9	0	-93	12150	-18	0	0	0	1.0	0.0	272.8	0.0	472.6	2	
2	12	-77	-2228	13	0	-2	-278	0.9	31.9	50.0	0.0	86.7	2	
7	12	-78	-8787	13	0	-2	-1098	0.9	125.7	197.3	0.0	341.8	2	
8	12	-84	3133	-18	0	2	392	0.9	44.8	70.4	0.0	121.9	2	
9	12	-82	12150	-18	0	2	1519	0.9	173.8	272.8	0.0	472.6	2	
2	25	-66	-2228	13	0	-3	-557	0.7	63.7	50.0	0.0	86.7	2	
7	25	-67	-8787	13	0	-3	-2197	0.8	251.4	197.3	0.0	341.8	2	
8	25	-72	3133	-18	0	5	783	0.8	89.6	70.4	0.0	121.9	2	
9	25	-71	12150	-18	0	4	3038	0.8	347.7	272.8	0.0	472.6	2	

ASTA NUM. 38 NI 1407 NF 1406 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-243	-4413	27	0	-3	-557	2.7	63.7	99.1	0.0	171.7	2	
7	0	-246	-18610	26	0	-3	-2197	2.8	251.4	417.9	0.0	723.8	2	
8	0	-263	6218	-37	0	5	783	2.9	89.6	139.6	0.0	241.9	2	
9	0	-258	25730	-36	0	4	3038	2.9	347.7	577.8	0.0	1000.8	2	
2	12	-231	-4413	27	0	-7	-1108	2.6	126.9	99.1	0.0	171.7	2	
7	12	-235	-18610	26	0	-7	-4522	2.6	517.5	417.9	0.0	723.8	2	
8	12	-251	6218	-37	0	9	1561	2.8	178.6	139.6	0.0	241.9	2	
9	12	-246	25730	-36	0	9	6254	2.8	715.7	577.8	0.0	1000.8	2	
2	25	-220	-4413	27	0	-10	-1660	2.5	190.0	99.1	0.0	192.4	3	
7	25	-224	-18610	26	0	-10	-6848	2.5	783.7	417.9	0.0	786.2	3	
8	25	-240	6218	-37	0	14	2338	2.7	267.6	139.6	0.0	270.3	3	
9	25	-235	25730	-36	0	13	9470	2.6	1083.7	577.8	0.0	1086.4	3	

ASTA NUM. 39 NI 1406 NF 1405 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-397	-4751	30	0	-10	-1660	4.5	190.0	106.7	0.0	194.4	1	
7	0	-403	-22110	29	0	-10	-6848	4.5	783.7	496.5	0.0	860.0	2	
8	0	-430	6716	-42	0	14	2338	4.8	267.6	150.8	0.0	272.4	1	
9	0	-422	30580	-41	0	13	9470	4.7	1083.7	686.7	0.0	1189.4	2	
2	12	-386	-4751	30	0	-14	-2254	4.3	257.9	106.7	0.0	262.3	3	
7	12	-392	-22110	29	0	-13	-9614	4.4	1100.2	496.5	0.0	1104.6	3	
8	12	-419	6716	-42	0	19	3178	4.7	363.6	150.8	0.0	368.3	3	
9	12	-411	30580	-41	0	19	13295	4.6	1521.5	686.7	0.0	1526.1	3	
2	25	-374	-4751	30	0	-18	-2848	4.2	325.9	106.7	0.0	330.1	3	
7	25	-380	-22110	29	0	-17	-12380	4.3	1416.7	496.5	0.0	1421.0	3	
8	25	-408	6716	-42	0	24	4017	4.6	459.7	150.8	0.0	464.3	3	
9	25	-400	30580	-41	0	24	17120	4.5	1959.2	686.7	0.0	1963.7	3	

ASTA NUM. 40 NI 1405 NF 1404 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-552	-3522	24	0	-18	-2848	6.2	325.9	79.1	0.0	332.1	3	
7	0	-560	-20170	24	0	-17	-12380	6.3	1416.7	452.9	0.0	1423.0	3	

8	0	-598	5020	-34	0	24	4017	6.7	459.7	112.7	0.0	466.4	3
9	0	-587	27900	-33	0	24	17120	6.6	1959.2	626.5	0.0	1965.8	3
2	12	-540	-3522	24	0	-21	-3288	6.1	376.3	79.1	0.0	382.3	3
7	12	-549	-20170	24	0	-20	-14900	6.2	1705.1	452.9	0.0	1711.3	3
8	12	-587	5020	-34	0	28	4644	6.6	531.5	112.7	0.0	538.1	3
9	12	-576	27900	-33	0	28	20605	6.5	2358.0	626.5	0.0	2364.5	3
2	25	-529	-3522	24	0	-24	-3728	5.9	426.6	79.1	0.0	432.6	3
7	25	-537	-20170	24	0	-23	-17420	6.0	1993.5	452.9	0.0	1999.5	3
8	25	-576	5020	-34	0	33	5272	6.5	603.3	112.7	0.0	609.8	3
9	25	-564	27900	-33	0	32	24090	6.3	2756.8	626.5	0.0	2763.2	3

ASTA NUM. 41 NI 1404 NF 1403 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-707	-943	11	0	-24	-3728	7.9	426.6	21.2	0.0	434.6	3	
7	0	-718	-13330	11	0	-23	-17420	8.1	1993.5	299.3	0.0	2001.6	3	
8	0	-767	1429	-15	0	33	5272	8.6	603.3	32.1	0.0	611.9	3	
9	0	-752	18460	-15	0	32	24090	8.4	2756.8	414.5	0.0	2765.3	3	
2	12	-696	-943	11	0	-25	-3846	7.8	440.1	21.2	0.0	447.9	3	
7	12	-706	-13330	11	0	-25	-19085	7.9	2184.1	299.3	0.0	2192.0	3	
8	12	-755	1429	-15	0	35	5450	8.5	623.8	32.1	0.0	632.2	3	
9	12	-741	18460	-15	0	34	26400	8.3	3021.2	414.5	0.0	3029.5	3	
2	25	-684	-943	11	0	-26	-3964	7.7	453.6	21.2	0.0	461.3	3	
7	25	-695	-13330	11	0	-26	-20750	7.8	2374.6	299.3	0.0	2382.4	3	
8	25	-744	1429	-15	0	36	5629	8.4	644.2	32.1	0.0	652.5	3	
9	25	-729	18460	-15	0	36	28710	8.2	3285.5	414.5	0.0	3293.7	3	

ASTA NUM. 42 NI 1403 NF 1402 Lungh. 25.0 cm SEZ. 12 Cc D= 0.406 s= 0.0071 m

NC	x	Fx	Fy	Fz	Mx	My	Mz	Sf (Fx)	Sf (M)	taglio	tors.	Sf.id.	Loc.	Nota
	cm	kg			kg*m			kg/cmq						
2	0	-863	2736	-9	0	-26	-3964	9.7	453.6	61.4	0.0	463.3	3	
7	0	-876	-2224	-8	0	-26	-20750	9.8	2374.6	49.9	0.0	2384.4	3	
8	0	-936	-3709	13	0	36	5629	10.5	644.2	83.3	0.0	654.7	3	
9	0	-918	3110	11	0	36	28710	10.3	3285.5	69.8	0.0	3295.8	3	
2	13	-851	2736	-9	0	-25	-3622	9.6	414.5	61.4	0.0	424.1	3	
7	13	-864	-2224	-8	0	-25	-21030	9.7	2406.6	49.9	0.0	2416.3	3	
8	13	-924	-3709	13	0	35	5166	10.4	591.1	83.3	0.0	601.5	3	
9	13	-907	3110	11	0	34	29095	10.2	3329.6	69.8	0.0	3339.8	3	
2	25	-840	2736	-9	0	-24	-3280	9.4	375.4	61.4	0.0	384.8	3	
7	25	-853	-2224	-8	0	-24	-21310	9.6	2438.7	49.9	0.0	2448.3	3	
8	25	-913	-3709	13	0	33	4702	10.2	538.1	83.3	0.0	548.4	3	
9	25	-895	3110	11	0	33	29480	10.1	3373.6	69.8	0.0	3383.7	3	

Verifica di STABILITA' e/o SVERGOLAMENTO

n.comb	Fx	My eq.	Mz eq.	Sn. omega	Sn.yx	Sn.zx	OMEGA	OMEGA1	Sf	Nota
	kg	kg*m							kg/cmq	
2	-863	14	1968	11	11	11	1.00	1.00	236.6	
7	-876	14	12786	11	11	11	1.00	1.00	1474.8	
8	-936	20	2821	11	11	11	1.00	1.00	335.7	
9	-918	20	17688	11	11	11	1.00	1.00	2036.9	