

**DISTINTA FERRI SPALLA A FONDAZIONE**

Sagoma	Pos.	Ø	nb	A	B	C	L	Ltot	Note
	1	22	103	140	590		8.70	896.10	
	2	26	204	140	590		8.70	1774.80	
	16	26	62	130	140		4.00	248.00	
	31	16	8	50	590		6.90	55.20	
	3	22	185	255	140		3.95	730.75	
	19	20	34	245	40		2.85	96.90	
	21	20	34	40	245		2.85	96.90	
	4	22	94	255	140		3.95	371.30	
	29	16	8	100	50		10.60	84.80	
	30	16	8	50	1150		12.00	96.00	
	14	26	62	1200			12.00	744.00	
	15	26	62	860			9.60	595.20	
	20	22	100	50	132	60	4.24	424.00	

**Massa barre**

Ø	kg/m	Ltot	kg
16	1.578	236.00	372.5
20	2.466	193.80	477.9
22	2.984	2422.15	7227.8
26	4.168	3362.00	14012.1
Tot.			22090.3

Massa totale acciaio: 22090.30 kg

**DISTINTA FERRI SPALLA B FONDAZIONE**

Sagoma	Pos.	Ø	nb	A	B	C	L	Ltot	Note
	1	22	103	140	590		8.70	896.10	
	2	26	204	140	590		8.70	1774.80	
	16	26	62	130	140		4.00	248.00	
	31	16	8	50	590		6.90	55.20	
	3	22	185	255	140		3.95	730.75	
	19	20	34	245	40		2.85	96.90	
	21	20	34	40	245		2.85	96.90	
	4	22	94	255	140		3.95	371.30	
	29	16	8	100	50		10.60	84.80	
	30	16	8	50	1150		12.00	96.00	
	14	26	62	1200			12.00	744.00	
	15	26	62	860			9.60	595.20	
	20	22	100	50	132	60	4.24	424.00	

**Massa barre**

Ø	kg/m	Ltot	kg
16	1.578	236.00	372.5
20	2.466	193.80	477.9
22	2.984	2422.15	7227.8
26	4.168	3362.00	14012.1
Tot.			22090.3

Massa totale acciaio: 22090.30 kg

**DISTINTA FERRI SPALLA A ELEVAZIONE**

Sagoma	Pos.	Ø	nb	A	B	C	D	E	F	L	Ltot	Note
	5	22	185	140	425					5.65	1045.25	
	27	14	20	700	15					7.15	143.00	
	28	14	20	15	1185					14.00	240.00	
	36	16	22	1065	135					12.00	264.00	
	37	16	22	135	925					10.60	233.20	
	46	20	17	40	630/632					6.70/6.72	114.07	
	8	22	94	140	425					5.65	331.10	
	11	16	6	100	900					10.00	60.00	
	12	16	6	1100	100					12.00	72.00	
	17	20	17	631/633	40					6.71/6.73	114.24	
	18	20	17	40	631/633					6.71/6.73	114.24	
	25	14	20	1185	15					12.00	240.00	
	26	14	20	15	700					7.15	143.00	
	38	16	22	925	135					10.60	233.20	
	39	16	22	135	1065					12.00	264.00	
	47	20	17	40	630/632					6.70/6.72	114.07	
	59	28	20	107	193					3.00	60.00	
	60	16	6	45	725					7.70	46.21	
	7	16	96	135	30					3.00	288.00	
	8	16	12	101	98					3.00	36.00	
	22	16	14	106	88					3.00	42.00	
	32	20	42	40	440					5.00	218.40	
	34	20	42	40	440					5.20	218.40	
	35	12	20	420	30					8.70	174.00	
	50	20	40	40	330					4.10	164.00	
	55	12	2	30	1042					11.02	22.03	
	9	20	98	235	30					5.00	480.00	
	64	16	92	52	21					1.25	155.00	
	41	16	92	16	365	23				4.04	371.66	
	10	10	2	600						12.00	24.00	
	13	16	2	100	375					5.75	11.50	
	23	12	20	1200						12.00	240.00	
	61	16	3	620						6.20	18.60	
	63	16	4	1200						12.00	48.00	
	33	8	770	10	140					1.60	1232.00	
	42	10	400	10	40					0.60	240.00	
	44	8	385	10	30					0.50	192.50	
	56	8	96	10	200					2.20	211.20	
	40	16	92	23	365	16				4.04	371.74	
	48	22	4	35	330					4.00	16.00	
	49	16	2	100	475					6.75	13.50	
	43	12	6	21	10	87	102	92	98	4.40	26.40	
	54	12	53	23	10	21	46	25	42	2.00	106.00	
	48	22	4	35	330					4.00	16.01	
	57	16	86	32	198	61	129			4.20	361.20	
	58	28	20	32	198	61	129			4.20	84.00	
	62	16	8	35	435					4.70	37.62	

**DISTINTA FERRI SPALLA B ELEVAZIONE**

Sagoma	Pos.	Ø	nb	A	B	C	D	E	F	L	Ltot	Note
	5	22	185	140	425					5.65	1045.25	
	27	14	20	700	15					7.15	143.00	
	28	14	20	15	1185					14.00	240.00	
	36	16	22	1065	135					12.00	264.00	
	37	16	22	135	925					10.60	233.20	
	46	20	17	40	626/629					6.66/6.69	113.48	
	8	22	94	140	425					5.65	331.10	
	11	16	6	100	900					10.00	60.00	
	12	16	6	1100	100					12.00	72.00	
	17	20	17	617/631	40					6.57/6.71	112.88	
	18	20	17	40	617/631					6.57/6.71	112.88	
	25	14	20	1185	15					12.00	240.00	
	26	14	20	15	700					7.15	143.00	
	38	16	22	925	135					10.60	233.20	
	39	16	22	135	1065					12.00	264.00	
	47	20	17	40	616/629					6.56/6.69	112.83	
	59	28	20	107	193					3.00	60.00	
	7	16	96	135	30					3.00	288.00	
	8	16	12	101	98					3.00	36.00	
	22	16	14	106	88					3.00	42.00	
	32	20	42	40	440					5.00	218.40	
	34	20	42	40	440					5.20	218.40	
	35	12	20	420	30					8.70	174.00	
	50	20	40	40	330					4.10	164.00	
	55	12	2	30	1042					11.02	22.03	
	9	20	98	235	30					5.00	480.00	
	64	16	92	52	21					1.25	155.00	
	41	16	92	16	365	23				4.04	371.66	
	10	10	2	600						12.00	24.00	
	13	16	2	100	375					5.75	11.50	
	23	12	20	1200						12.00	240.00	
	61	16	3	620						6.20	18.60	
	63	16	4	1200						12.00	48.00	
	33	8	770	10	140					1.60	1232.00	
	42	10	400	10	40					0.60	240.00	
	44	8	385	10	30					0.50	192.50	
	56	8	96	10	200					2.20	211.20	
	40	16	92	23	365	16				4.04	371.74	
	48	22	4	35	330					4.00	16.00	
	49	16	2	100	475					6.75	13.50	
	43	12	6	21	10	87	102	92	98	4.40	26.40	
	54	12	53	23	10	21	46	25	42	2.00	106.00	
	48	22	4	35	330					4.00	16.01	
	57	16	86	32	198	61	129			4.20	361.20	
	58	28	20	32	198	61	129			4.20	84.00	
	62	16	8	35	435					4.70	37.62	

**Massa barre**

Ø	M/L	Ltot	Mtot
8	0.325	1625.70	645.4
10	0.617	252.00	155.4
12	0.888	568.43	504.7
14	1.208	766.00	925.6
16	1.578	2887.43	4557.3
20	2.466	1532.66	3778.8
22	2.984	1592.36	4751.7
26	4.834	144.00	686.0
Tot.			16015.9

Massa totale acciaio: 16015.9 kg

Posizioni inutilizzate : 24, 45, 51, 52, 53.

**Massa barre**

Ø	M/L	Ltot	Mtot
8	0.325	1635.70	645.4
10	0.617	264.00	162.8
12	0.888	568.43	504.7
14	1.208	766.00	