

Technical drawing of a reinforced concrete beam (10m long) showing reinforcement details and dimensions. The beam is supported by five points (P1 to P5).

Dimensions:

- Support spacing: 2650 mm
- Beam length: 10000 mm
- Reinforcement bar spacing: 165 mm
- Reinforcement bar diameters: ø10/15, ø16/25

Reinforcement Details:

- St. 4 br. (4 bars)
- St. 4 br. (4 bars)
- St. 4 br. (4 bars)
- St. 4 br. (4 bars)
- St. 4 br. (4 bars)

Reinforcement Bar Lengths and Positions:

Support	Bar Length (mm)	Position (mm)
P1	4016	L=600 Pos.1
P2	4016	L=480 Pos.2
P3	4016	L=420 Pos.5
P4	4016	L=595 Pos.3
P5	4016	L=571 Pos.6

Schema sagoma	Pos.	Num.	Diam.(mm)	L (cm)	Peso (kg)
567	1	4	16	600	37,88
480	2	4	16	480	30,30
562	3	4	16	595	37,56
561	4	4	16	594	37,50
420	5	4	16	420	26,52
538	6	4	16	571	36,05

Staffe:					
Comp.	/ Tratt	Num.	Diam.(mm)	L (cm)	Peso (kg)
1	/ 1-2-3	15x2	10	183	33,85
2	/ 1-2-3	15x2	10	183	33,85
3	/ 1-2-3	15x2	10	183	33,85
4	/ 1-2-3	15x2	10	183	33,85

Technical drawing of a reinforced concrete beam (10m long) showing reinforcement details. The beam is supported by five points (P6, P7, P8, P9, P10) with a center-to-center spacing of 2.0m. The drawing includes the following details:

- Top Reinforcement:**
 - 165 St.4 br. bars at 265mm spacing.
 - 10/15 St.4 br. bars at 165mm spacing.
- Bottom Reinforcement:**
 - 165 St.4 br. bars at 265mm spacing.
 - 10/15 St.4 br. bars at 165mm spacing.
- Reinforcement Distribution:**
 - 4016 L=600 Pos. 1 (Top)
 - 4016 L=480 Pos. 2 (Top)
 - 4016 L=595 Pos. 3 (Top)
 - 4016 L=420 Pos. 5 (Top)
 - 4016 L=594 Pos. 4 (Bottom)
 - 4016 L=571 Pos. 6 (Bottom)
- Dimensions:**
 - Beam length: 10m.
 - Support spacing: 2.0m.
 - Beam height: 330mm.

Schema sagoma	Pos.	Num.	Diam.(mm)	L (cm)	Peso (kg)
	1	4	16	600	37,88
	2	4	16	480	30,30
	3	4	16	595	37,56
	4	4	16	594	37,50
	5	4	16	420	26,52
	6	4	16	571	36,05

Staffe:						
Camp.	/	Tratti	Num.	Diam.(mm)	L (cm)	Peso (kg)
1	/	1-2-3	15x2	10	183	33,85
2	/	1-2-3	15x2	10	183	33,85
3	/	1-2-3	15x2	10	183	33,85
4	/	1-2-3	15x2	10	183	33,85

Sezione 1-1



80 40

10 49 33

2 St. $\phi 10/25$
L = 182

[illegible]

Schema sagoma	Pos.	Núm.	Diam.(mm)	L (cm)	Peso (kg)
	1	4	16	370	23,36
	2	4	16	371	23,42

Staffe:					
Camp. / Trotti		Num.	Diam.(mm)	L (cm)	Peso (kg)
1 / 1-2-3		13x2	10	183	29,33

Technical drawing of a 1000mm long metal grate with two sections, Pos.1 and Pos.2. The drawing shows the grate's profile and a cross-section of the slats. Dimensions include a total length of 1000mm, a central section of 200mm, and slat widths of 100mm and 150mm. The grate is made of 4016 stainless steel with a thickness of 3.3mm. The cross-section shows a slat width of 49mm and a height of 10mm.

Dimensions and Materials:

- Total Length: 1000mm
- Central Section: 200mm
- Slats: 100mm and 150mm wide
- Material: 4016 L=370 Pos.1, 4016 L=371 Pos.2
- Thickness: 3.3mm
- Slats: 49mm wide, 10mm high

Schema sagoma	Pos.	Num.	Diam.(mm)	L (cm)	Peso (kg)
	1	4	16	370	23,36
	2	4	16	371	23,42

Staffe:					
Comp. / Tratt.	Num.	Diam.(mm)	L (cm)	Peso (kg)	
1 / 1-2-3	13x2	10	183	29,33	

Technical drawing of a metal grate (Griglia) with a width of 100mm. The drawing includes a top view, a side view, and a detail view.

Top View: Shows the grate's profile with a central section of 200mm and end sections of 40mm. The total width is 280mm. The grate has 10 bars, with a distance of 235mm between the centerlines of adjacent bars. The top view is labeled with dimensions: 22.5, 35, 200, 35, 22.5, 40, 235, 40. The top view is also labeled with 'P3' and 'P8' at the top.

Side View: Shows the grate's height of 40mm and the 100mm width. The side view is labeled 'Sezione 1-1'.

Detail View: Shows the grate's cross-section with a 10mm thickness and a 3mm gap between bars. The detail view is labeled 'Sezione 1-1' and 'Sezione 1-1'.

Dimensions:

- Top View: 22.5, 35, 200, 35, 22.5, 40, 235, 40
- Side View: 40, 100
- Detail View: 10, 3

Labels:

- Top View: P3, P8
- Side View: Sezione 1-1
- Detail View: Sezione 1-1, Sezione 1-1

Schema sagoma	Pos. Num. Diam.(mm)			L (cm)	Peso (kg)
	1	4	16	370	23,36
	2	4	16	371	23,42

Staffe:				
Camp. / Tratt	Num.	Diam.(mm)	L (cm)	Peso (kg)
1 / 1-2-3	13x2	10	183	29,33


 P.Terra Sez. 1-1

Currenti:
 Pos.4 4ø14 (vertici)
 Pos.5 1+1ø14 (L1)
 Pos.6 1+1ø14 (L2)


 St. ø8/15
 L=128

Figure 1 illustrates the design of the bridge deck, showing three cross-sectional views. The left view shows a single-lane section with a width of 60.0m and a height of 100m. The middle view shows a two-lane section with a width of 60.0m and a height of 100m. The right view shows a three-lane section with a width of 60.0m and a height of 100m. The diagrams are labeled with dimensions and material properties.

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DEFINITIVO	TAV45	BR1-TAV45.00	A1		1:25

Revisioni

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