

## MPT-Consoles Q100

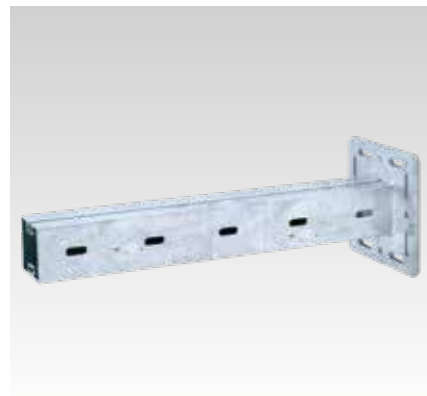
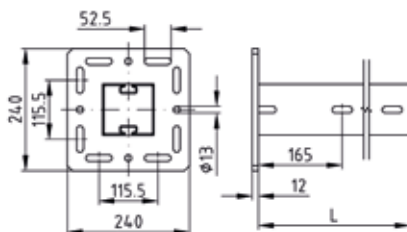
hot-dip galvanised

## Application

- Consoles for accommodation of pipelines and aggregates in industrial construction, plant building construction and heavy-duty building technology for attachment on floor, wall and ceiling

## Your advantages

- Stable, perforated baseplate for direct or indirect connection to the structure
- High corrosion protection due to standardised hot-dip galvanising ensures flexible implementation outdoors and indoors
- Quick fastening of add-on parts via the dual-side fastening groove
- Can also be implemented universally as support from the floor or as a shaft from the ceiling
- Clean-cut appearance by the use of MPT-protection caps

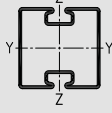


Profile	Length L [mm]	Thickness s [mm]	Dimensions [mm]			Weight [kg]	Part no.	Sales unit	Pack unit
			a	A	B				
Q100-2.5	500	12	165	240	115.5	9.62	135617	1	Pieces
	750					11.48	135619		
	1,000					13.96	135620		
	1,500					18.96	135621		
	2,000					23.96	135622		
	3,000					33.96	135623		

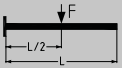
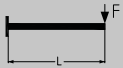
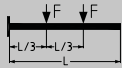
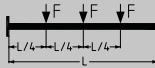
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#### Technical data of brackets:

Features					
Profile	Base plates			MPT-Support channels	
	Dimensions H x W x D [mm]	Material	Admissible steel stress $\sigma_{adm.}$ [N/mm <sup>2</sup> ]	Material	Admissible steel stress $\sigma_{adm.}$ [N/mm <sup>2</sup> ]
Q100-2.5	240 x 240 x 12	S235	158	S235	158

#### Load bearing capacities of brackets for bending around the y- and z-axis:

Profile	Base plate $M_{max.}$ [Nmm]	Length L [mm]	Max. recommended load [N]			
						
Q100-2.5	3,994,128	500	15,976	7,988	7,988	5,325
		750	10,651	5,325	5,325	3,550
		1,000	7,988	3,994	3,994	2,662
		1,500	5,325	2,662	2,662	1,775
		2,000	3,994	1,870	1,997	1,331
		3,000	2,410	750	1,130	730



The determined loads apply for static loads. Calculation based on Eurocode (EC3).

The safety coefficient  $\gamma = 1.48$  takes into account the partial and combination coefficients as well as the safety factor of the material.

For the given values, the permissible steel stress and the maximum permissible deflection  $L/150$  are not exceeded, taking the deadweight into consideration.

The load-carrying values refer to the console support. Fastening elements such as plugs and screws, must be chosen in accordance with the loads.