

MPT-Consoles Q50

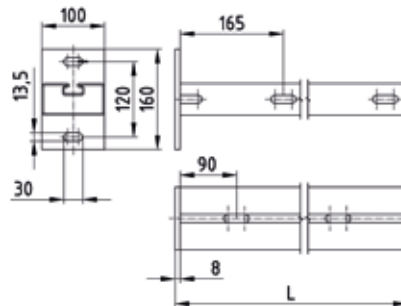
hot-dip galvanised

Application

- Consoles for accommodation of pipelines and aggregates in shipbuilding and on industrial and plant building sites for attachment on floor, wall and ceiling

Your advantages

- Baseplate for direct or indirect connection to the structure
- Quick fixing due to continuous mounting slot
- Clean-cut appearance by the use of MPT-protection caps



Profile	Length L [mm]	Thickness s [mm]	Weight [kg]	Part no.	Sales unit	Pack unit
Q50-2.5	500	8	4.5	147941	1	Pieces
	750		6.25	147942		
	1,000		7.95	147943		

Technical data of brackets:

Features

Profile	Dimensions H x W x D [mm]	Base plates		MPT-Support channels	
		Material	Admissible steel stress σ_{adm} [N/mm ²]	Material	Admissible steel stress σ_{adm} [N/mm ²]
Q50-2.5	160 x 100 x 8	S235	158	S235	158

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

Profile	Base plate M_{max} [Nmm]	Length L [mm]	Max. recommended load [N]			
Q50-2.5	559,674	500	2,204	1,102	1,102	735
		750	1,441	721	721	480
		1,000	1,051	526	526	350



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.