

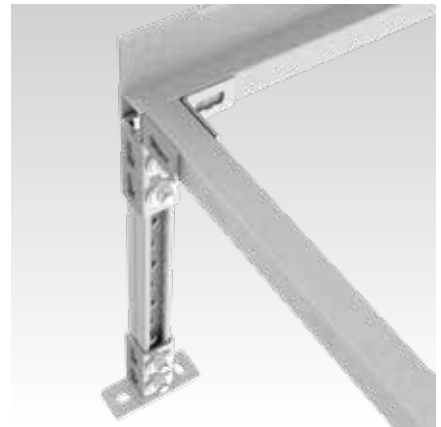
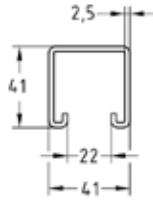
MPR-Support channels without rear perforation, hot-dip galvanised

Application

- Installation of floors and piping-systems in the technical areas of ships

Your advantages

- Fast and easy installation on site of pipes and floor plates
- High flexibility of system, as disassembly for maintenance work or subsequent adjustments is possible
- System can be combined with attachment parts from MPR and MPR type S+
- Channel slot ensures simple connection of system components
- Hot-dip galvanised design of channels ensures rapid installation, as there is no need for paint work after installation



Features



Profile	Length [mm]	Part no.	Sales unit	Pack unit
41/41/2.5	3,000	166723	1	Pieces



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Technical data of profile:

Features										
Profile	Material	Surface	Admissible steel stress σ_{adm} [N/mm ²]	Available threaded plates*	Profile weight [kg/m]	Profile cross-section [cm ²]	Moment of inertia		Resistance moment	
							I_y [cm ⁴]	I_z [cm ⁴]	W_y [cm ³]	W_z [cm ³]
41/41/2.5	S250GD+Z	hot-dip galvanised	162	M8, M10, M12, M16	2.64	3.37	7.2707	9.1983	3.17	4.487



Load bearing capacities of profiles for bending around the y-axis [N]:

Profile	L [m]						L [m]					
	0.5	1.0	1.5	2.0	4.0	6.0	0.5	1.0	1.5	2.0	4.0	6.0

* Please note additional information on the catalog pages of threaded plates/hammer head fasteners.

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

The safety coefficient $\gamma = 1.54$ 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 $L/200$ are not exceeded, taking the deadweight into consideration.

