MPR-Support channels

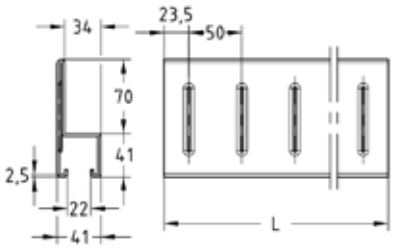
with coaming edge, hot-dip galvanised

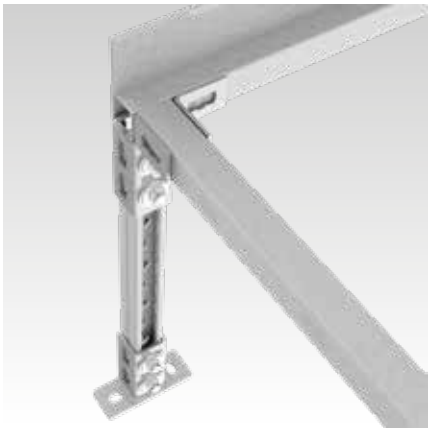
Application

- 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
- Coaming edge prevents slipping at the edge of a floor
- 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	**166721**	1	Pieces

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MÜPRO

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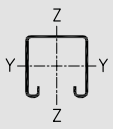
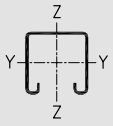
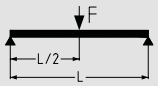
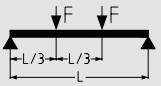
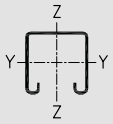
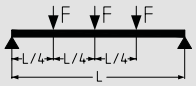
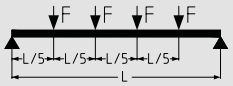
Technical data of profile:

Features

Profile	Material	Surface	Admissible steel stress $\sigma_{adm.}$ [N/mm²]	Available threaded plates*	Profile weight [kg/m]	Profile cross-section [cm²]	Moment of inertia		Resistance moment	
							I_y [cm⁴]	I_z [cm⁴]	W_y [cm³]	W_z [cm³]
41/41/2.5	S250GD+Z	hot-dip galvanised	162	M8, M10, M12, M16	5.37	6.84	70.2984	14.4762	11.51	11.914

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
												
41/41/2.5	14,583	7,402	4,930	3,678	2,921	2,411	10,616	5,516	3,685	2,752	2,189	1,806
												
41/41/2.5	7,090	3,673	2,457	1,836	1,459	1,204	5,841	3,052	2,044	1,529	1,215	1,003

* 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 γ = 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.

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