

Mounting Plate GPL

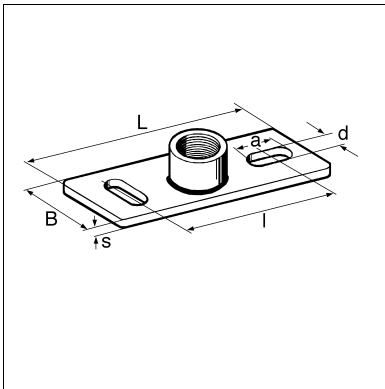
Group: 1227

Application

For wall, ceiling and floor installation of mounting elements in M&E services.

Technical Data

Permissible anchor values may restrict the application.



Type	Working load (tension) [kN]	Max. perm. bending moment* [Nm]	Max. lever arm [mm]	Welding method
Normal M8	1.5	8.8	150	R
Normal M10 / M10 RL	1.5	17.2	200	R
Normal 2G M8/M10	1.5	M8: 8.8 M10: 17.2	M8: 150 M10: 200	R
Normal R 1/2"	1.5	25.0	300	R
Stabil M10	4.0	17.2	200	R
Stabil M12	5.0	29.6	300	R
Stabil M16	8.5	70.3	300	M
Stabil R 1/2"	8.5	95.0	350	M
Stabil R 3/4"	8.5	180.0	450	M
Stabil R 1"	8.5	350.0	500	M

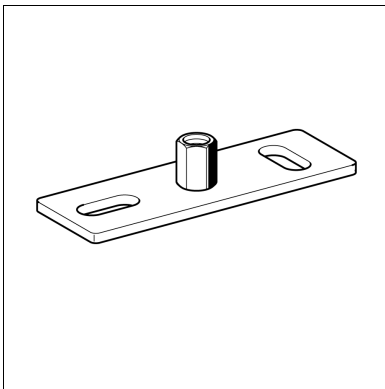
R = resistance welding

M = slot welding

* Limitation caused by the Mounting Plate or the loading capacity of the grub screw or of the threaded tube.

$$\sigma_{perm} \leq 160 \text{ N/mm}^2 \quad f_{perm} < 5 \text{ mm}$$

Material: Steel, electro-galvanised



Type	Dimension L x W x Th [mm]	Elongated hole d x a [mm]	Centre distance l [mm]	W [kg]	Quantity [pack]	Part number
Normal M8	80 x 30 x 3	9 x 16	54	0.05	50	107501
Normal M10	80 x 30 x 3	9 x 16	54	0.06	50	138361
Normal 2G M8/M10	80 x 30 x 3	9 x 16	54	0.06	100	113016
Normal M10 RL	80 x 30 x 3	Ø 4.5	54	0.06	50	199077
Normal R 1/2"	80 x 30 x 3	9 x 16	54	0.08	50	138501
Stabil M10	120 x 40 x 4	11 x 25	80	0.14	50	138343
Stabil M12	120 x 40 x 4	11 x 25	80	0.15	50	107556
Stabil M16	120 x 40 x 5	11 x 25	80	0.19	50	138352
Stabil R 1/2"	120 x 40 x 5	11 x 25	80	0.20	50	138529
Stabil R 3/4"	120 x 40 x 5	11 x 25	80	0.20	50	138538
Stabil R 1"	120 x 40 x 5	11 x 25	80	0.22	50	107592

