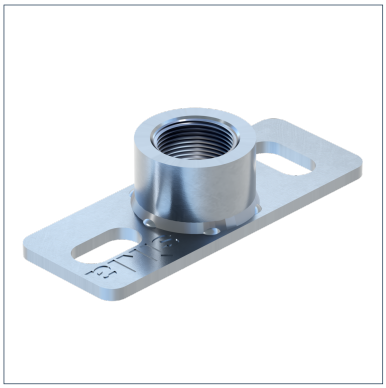
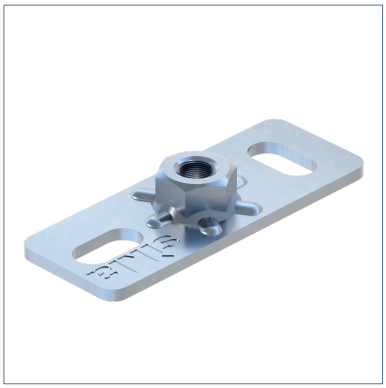
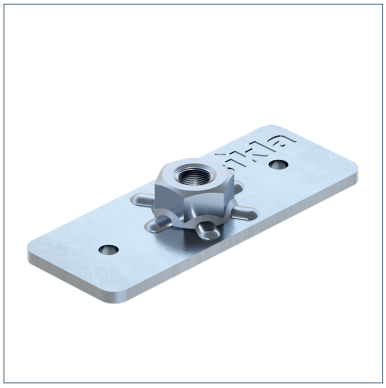
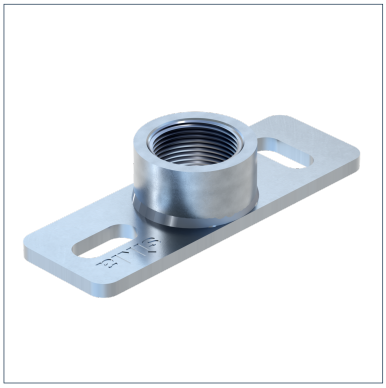
# Mounting Plate GPL









## General Information

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

## Installation

| Type | Max. lever arm [mm] | Welding method |
|---|---|---|
| Normal M8 | 150 | resistance welding |
| Normal M10 / M10 RL | 200 | resistance welding |
| Normal 2G M8/M10 | M8: 150<br>M10: 200 | resistance welding |
| Normal R 1/2" | 300 | Widerstandsschweißung |
| Stabil M10 | 200 | resistance welding |
| Stabil M12 | 300 | resistance welding |
| Stabil M16 | 300 | slot welding |
| Stabil R 1/2" | 350 | slot welding |
| Stabil R 3/4" | 450 | slot welding |
| Stabil R 1" | 500 | slot welding |

## Mechanical Properties

| | |
|---|---|
| Permissible stress σ{perm.} | 160.00 N/mm² |

## Material Properties

| | |
|---|---|
| Halogen-free | 0 |
| UV-resistant | 0 |

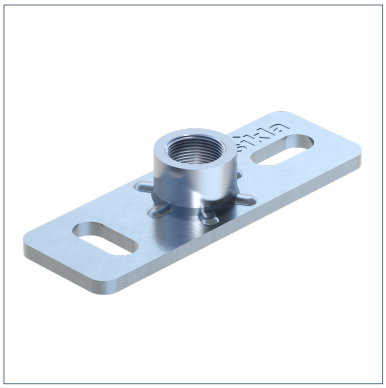
## Material

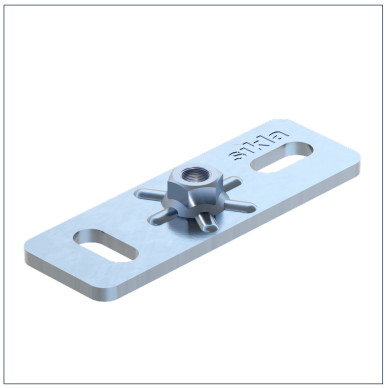
| | |
|---|---|
| Primary element material | steel |
| Surface finish | electro galvanized (Fe//Zn) |
| Corrosion protection class | C2 |

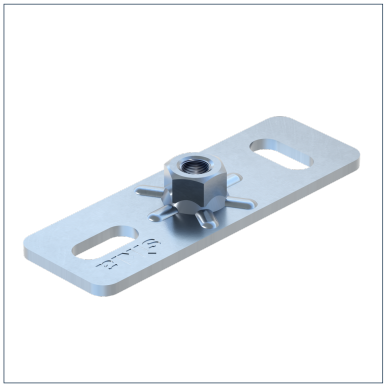
## Forces

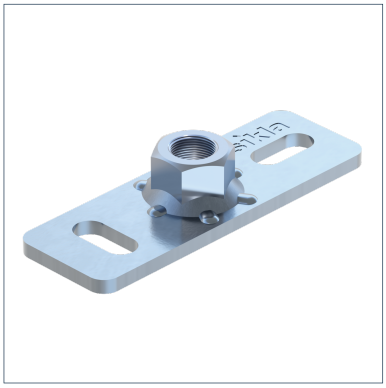
| Type | -V{Z,perm.} |
|---|---|
| GPL N M 8 | 1.50 kN |
| GPL N 2G | 1.50 kN |

# Mounting Plate GPL









| Type | -V{Z,perm.} |
|---|---|
| GPL N M10 | 1.50 kN |
| GPL N M10 RL | 1.50 kN |
| GPL N 1/2'' | 1.50 kN |
| GPL ST M10 | 4.00 kN |
| GPL ST M12 | 5.00 kN |
| GPL ST M16 | 8.50 kN |
| GPL STABIL R 1/2'' | 8.50 kN |
| GPL STABIL R 3/4'' | 8.50 kN |
| GPL STABIL R 1'' | 8.50 kN |

### Moments

| Type | Permissible bending moment M{b,perm.} |
|---|---|
| GPL N M 8 | 8.8 Nm |
| GPL N M10 | 17.2 Nm |
| GPL N M10 RL | 17.2 Nm |
| GPL N 1/2'' | 25 Nm |
| GPL ST M10 | 17.2 Nm |
| GPL ST M12 | 29.6 Nm |
| GPL ST M16 | 70.3 Nm |
| GPL STABIL R 1/2'' | 95 Nm |
| GPL STABIL R 3/4'' | 180 Nm |
| GPL STABIL R 1'' | 350 Nm |

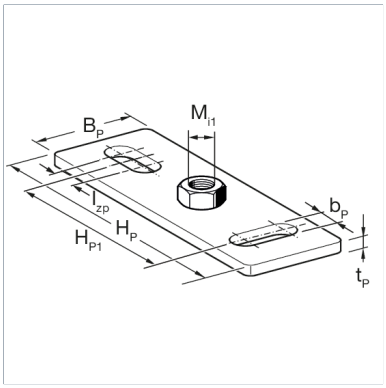
### Note on loadings

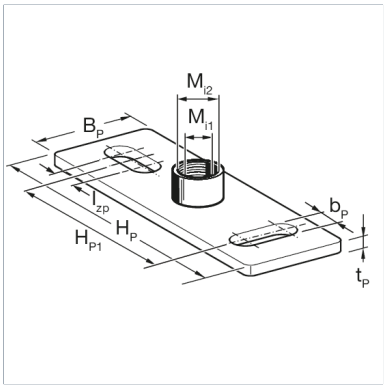
Limitation of max. perm. bending moment caused by the Mounting Plate or the loading capacity of the grub screw or of the threaded tube.
$\sigma(zul) \leq 160\ N/mm^2$ $f(zul) < 5\ mm$

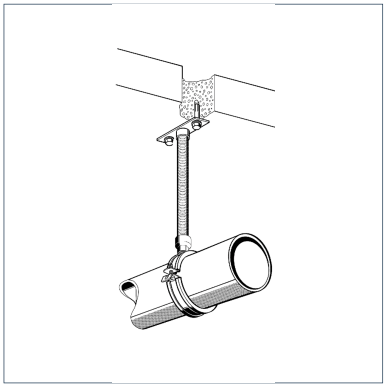
### Types

| Type | Max. lever arm | Weight | Quantity | Part number |
|---|---|---|---|---|
| GPL N M 8 | 150.00 mm | 0.057 kg/pcs. | 50 pcs. | 107501 |
| GPL N 2G | 150.00 mm | 0.061 kg/pcs. | 100 pcs. | 113016 |
| GPL N M10 | 200.00 mm | 0.06 kg/pcs. | 50 pcs. | 138361 |
| GPL N M10 RL | 200.00 mm | 0.063 kg/pcs. | 50 pcs. | 199077 |
| GPL N 1/2'' | 300.00 mm | 0.078 kg/pcs. | 50 pcs. | 138501 |
| GPL ST M10 | 200.00 mm | 0.147 kg/pcs. | 50 pcs. | 138343 |
| GPL ST M12 | 300.00 mm | 0.148 kg/pcs. | 50 pcs. | 107556 |

# Mounting Plate GPL



| Type | Max. lever arm | Weight | Quantity | Part number |
|---|---|---|---|---|
| GPL ST M16 | 300.00 mm | 0.196 kg/pcs. | 50 pcs. | 138352 |
| GPL STABIL R 1/2'' | 350.00 mm | 0.197 kg/pcs. | 50 pcs. | 138529 |
| GPL STABIL R 3/4'' | 450.00 mm | 0.207 kg/pcs. | 50 pcs. | 138538 |
| GPL STABIL R 1'' | 500.00 mm | 0.222 kg/pcs. | 50 pcs. | 107592 |

## Dimensions

| Type | BP | bP | HP | HP1 | lzP | Mi1 | Mi2 | tP |
|---|---|---|---|---|---|---|---|---|
| GPL N M 8 | 30 mm | 9 mm | 80 mm | 54 mm | 9 mm | M8 | | 3 mm |
| GPL N 2G | 30 mm | 9 mm | 80 mm | 54 mm | 9 mm | M8 | M10 | 3 mm |
| GPL N M10 | 30 mm | 9 mm | 80 mm | 54 mm | 9 mm | M10 | | 3 mm |
| GPL N M10 RL | 30 mm | | 80 mm | | | M10 | | 3 mm |
| GPL N 1/2'' | 30 mm | 9 mm | 80 mm | 54 mm | 9 mm | 1/2" | | 3 mm |
| GPL ST M10 | 40 mm | 11 mm | 120 mm | 80 mm | 14 mm | M10 | | 4 mm |
| GPL ST M12 | 40 mm | 11 mm | 120 mm | 80 mm | 14 mm | M12 | | 4 mm |
| GPL ST M16 | 40 mm | 11 mm | 120 mm | 80 mm | 14 mm | M16 | | 5 mm |
| GPL STABIL R 1/2'' | 40 mm | 11 mm | 120 mm | 80 mm | 14 mm | 1/2" | | 5 mm |
| GPL STABIL R 3/4'' | 40 mm | 11 mm | 120 mm | 80 mm | 14 mm | 3/4" | | 5 mm |
| GPL STABIL R 1'' | 40 mm | 11 mm | 120 mm | 80 mm | 14 mm | 1" | | 5 mm |

## Certification