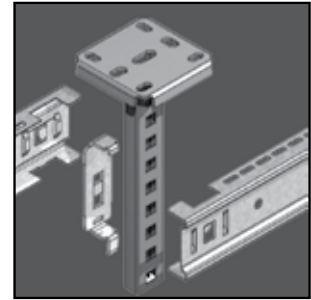


MOUNTING SYSTEMS



MOUNTING SYSTEMS

| | | |
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LOAD CAPACITY OF CEILING PROFILES

| Ceiling Profiles | Moment M (Nm) | Maximum Load S (daN) |
|------------------|---------------|----------------------|
| MP + KPCL | 160 | 300 |
| HSLECL | 180 | 300 |
| HSLDCL | 590 | 500 |
| HSME | 480 | 800 |
| HSMU 50 | 430 | 1000 |
| HSMD | 1850 | 1500 |
| HSIZ | 2150 | 2000 |

Tested according IEC 61537

F = Load or force onto the bracket

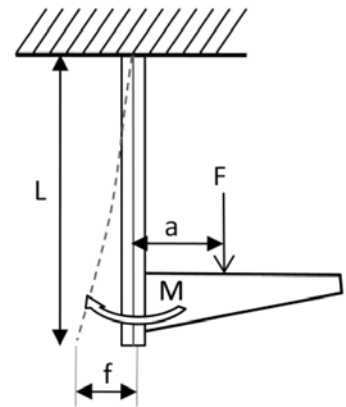
a = Distance from the load to the centerline of the ceiling profile (m)

L = Length of the ceiling profile (m)

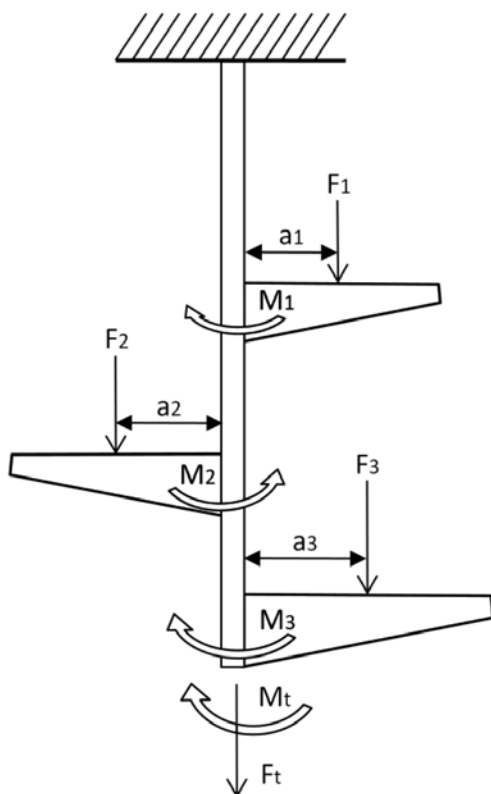
M = Moment (daNm) = F x a

f = Deflection of the ceiling profile (mm)

Maximum permissible deflection = L/20 or 5% of the length



MULTIPLE LOADS



$$F_t = F_1 + F_2 + F_3$$

Total load = sum of all loads

$$M_t = (M_1 + M_3) - M_2 = (F_1 \times a_1 + F_3 \times a_3) - (F_2 \times a_2)$$

Total Moment = sum of all Moments to the left – sum of all Moments to the right

The following 2 conditions should always be met :

Condition 1 :

Total Moment (M_t) ≤ Max. Moment of the ceiling profile
(M- of Moment-values, see tabel)

and

Condition 2 :

Total Load or Force (F_t) ≤ Max. Load of the ceiling profile
(S-values, see tabel)

Remark:

When symmetrical load is perfect : $M_t = 0$

In that case, only the second condition is valid : Total Load (F_t) ≤ Max. Load of the ceiling profile (S)

WEIGHT PER SUPPORT

The following formula is used:

$$\text{Weight per support (daN)} = (\text{cable load / meter} + \text{own weight of the cable support system / meter}) \times \text{support distance}$$

EXAMPLE 1 : Cable tray KBSI 60*300*1.25 mounted on WKS 300. What is the maximum support or span distance ?

Calculated maximum cable load = 45 daN/m (45 kg/m)

Own weight of the cable tray KBSI 60*300*1.25 = 3,7 daN/m (3,70 kg/m)

Max. load support WKS 300 = 130 daN

Weight per support (45 daN/m + 3,7 daN/m) x support distance = 130 daN

Max. support distance = 130 daN / (44 daN/m + 3,7 daN/m) = 2,7 m

Remark : The load diagram of the cable support system shows that a load of 44 daN/m of 44 kg/m is no problem on such a support distance.

EXAMPLE 2 : Cable ladder KLIIG 100*400, support distance 4m. Which support will we chose ?

Calculated maximum cable load = 68 daN/m (68 kg/m)

Remark : The load diagram of the KLIIG 100 shows that the load of 68 daN/m at the support distance of 4 m is no problem.

Own weight of cable ladder KLIIG 100*400 = 6,43 daN/m (6,43 kg/m)

Weight per support : (68 daN/m + 6,43 daN/m) x 4 = 297,7 daN

Remark : The maximum load values for supports shows that a WKS 400 is not strong enough (Max. load is 130 daN). WK 400 is a better choice, as this support can carry a maximum of 430 kg/m.

CABLE LOAD

The weight the cable tray or cable ladder can bear, can be calculated on the basis of the weight of the desired cables, specified by the cable manufacturer.

The maximum number of cables is limited by the cross-section (fill area) of the cable tray / ladder.

In no case should the load be higher than indicated in the load diagram of the desired cable support system.

On the basis of the following formula, the approximate cable weight can be calculated :

$$\text{Cable weight per meter (daN/m)} = \text{useful cross-section of the cable support system (mm}^2\text{)} \times \frac{0,0025 \text{ daN}}{\text{m} \times \text{mm}^2}$$

$\frac{0,0025 \text{ daN}}{\text{m} \times \text{mm}^2}$ is based on the specific gravity of copper and the average amount of insulator and air per intersection.

EXAMPLE 1 : Cable tray KBSI 60*300*1.25

Useful width = 300 mm

Useful height = 60 mm

Useful fill area : 300 mm x 60 mm = 18000 mm²

Cable weight per meter (daN/m) : $18000 \text{ mm}^2 \times \frac{0,0025 \text{ daN}}{\text{m} \times \text{mm}^2} = 45 \text{ daN/m}$ (45 kg/m)

Rule of thumb :

A cable tray of 60 mm height can carry 15 kg cable per running meter per 100 mm width.

KBSI 60*300 is designed to carry 15x3 = 45 kg/m.

EXAMPLE 2 : Cable ladder KLIG 100*400

Useful inner width = 352 mm

Useful inner height = 77 mm

Useful fill area : 352 mm x 77 mm = 27104 mm²

Cable weight per meter (daN/m) : $27104 \text{ mm}^2 \times \frac{0,0025 \text{ daN}}{\text{m} \times \text{mm}^2} = 69 \text{ daN/m}$ (69 kg/m)

OVERVIEW OF MAXIMUM LOAD PER MOUNTING SYSTEM

THREADED ROD FIXING

| Reference | Max. load (in daN) |
|-----------|--------------------|
| FL 1 | 250 |
| FL 2 | 250 |
| FL 3 | 350 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| TIM 6 | 300 |
| TIM 8 | 550 |
| TIM 10 | 900 |
| TIM 12 | 1300 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| OBG 050 | 200 |
| OBG 075 | 200 |
| OBG 100 | 200 |
| OBG 150 | 200 |
| OBG 200 | 200 |
| OBG 250 | 150 |
| OBG 300 | 150 |
| OBG 400 | 90 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| DR 15*30 | 100 |
| DR 21*41 | 150 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| BG 60*075 | 200 |
| BG 60*100 | 200 |
| BG 60*150 | 200 |
| BG 60*200 | 150 |
| BG 60*250 | 120 |
| BG 60*300 | 90 |
| BG 60*400 | 30 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| PB | 250 |
| PBR | 170 |
| SDBG | 300 |

BRACKETS

| Reference | Max. load (in daN) |
|----------------|--------------------|
| COMEGA 170*150 | 60 |
| COMEGA 170*200 | 60 |
| COMEGA 170*300 | 50 |
| COMEGA 170*400 | 40 |

| Reference | Max. load (in daN) |
|------------------|--------------------|
| COMEGACL 170*150 | 60 |
| COMEGACL 170*200 | 60 |
| COMEGACL 170*300 | 50 |
| COMEGACL 170*400 | 40 |

| Reference | Max. load (in daN) |
|----------------|--------------------|
| COMEGA 290*100 | 70 |
| COMEGA 290*150 | 60 |
| COMEGA 290*200 | 60 |
| COMEGA 290*250 | 50 |
| COMEGA 290*300 | 50 |
| COMEGA 290*400 | 40 |

| Reference | Max. load (in daN) |
|-------------|--------------------|
| OBZ 130*075 | 80 |
| OBZ 130*100 | 40 |
| OBZ 130*150 | 50 |
| OBZ 130*200 | 30 |
| OBZ 130*250 | 50 |
| OBZ 130*300 | 40 |
| OBZ 130*400 | 30 |

| Reference | Max. load (in daN) |
|-------------|--------------------|
| OBZ 180*075 | 50 |
| OBZ 180*100 | 30 |
| OBZ 180*150 | 30 |
| OBZ 180*200 | 30 |
| OBZ 180*250 | 40 |
| OBZ 180*300 | 40 |
| OBZ 180*400 | 20 |

| Reference | Max. load (in daN) | |
|-----------|--------------------|---------|
| | Wall | Ceiling |
| CCLTI 150 | 107 | 63 |
| CCLTI 200 | 80 | 47 |
| CCLTI 250 | 150 | 110 |
| CCLTI 300 | 133 | 83 |
| CCLTI 400 | 100 | 62 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| VMB | 200 |

CANTELEVER

| Reference | Max. load (in daN) |
|-----------|--------------------|
| WS 100 | 70 |
| WS 150 | 60 |
| WS 200 | 60 |
| WS 250 | 60 |
| WS 300 | 50 |
| WS 400 | 50 |
| WS 500 | 40 |
| WS 600 | 30 |

| Reference | Max. load (in daN) |
|----------------|--------------------|
| LOMEGA 150*100 | 110 |
| LOMEGA 150*150 | 100 |
| LOMEGA 150*200 | 90 |
| LOMEGA 150*250 | 80 |
| LOMEGA 150*300 | 70 |
| LOMEGA 150*400 | 50 |
| LOMEGA 150*500 | 40 |
| LOMEGA 150*600 | 30 |

| Reference | Max. load (in daN) |
|------------------|--------------------|
| LOMEGACL 150*150 | 100 |
| LOMEGACL 150*200 | 90 |
| LOMEGACL 150*300 | 70 |
| LOMEGACL 150*400 | 50 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| MBZ | 40 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| KCL 100 | 110 |
| KCL 150 | 100 |
| KCL 200 | 100 |
| KCL 250 | 90 |
| KCL 300 | 90 |
| KCL 400 | 70 |
| KCL 500 | 60 |
| KCL 600 | 50 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| WKS 100 | 110 |
| WKS 150 | 110 |
| WKS 200 | 120 |
| WKS 250 | 120 |
| WKS 300 | 130 |
| WKS 400 | 130 |
| WKS 500 | 140 |
| WKS 600 | 150 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| WKSS 100 | 110 |
| WKSS 150 | 110 |
| WKSS 200 | 120 |
| WKSS 250 | 120 |
| WKSS 300 | 100 |
| WKSS 400 | 75 |
| WKSS 500 | 60 |
| WKSS 600 | 50 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| WK 100 | 120 |
| WK 150 | 230 |
| WK 200 | 340 |
| WK 250 | 450 |
| WK 300 | 320 |
| WK 400 | 430 |
| WK 500 | 390 |
| WK 600 | 350 |
| WK 800 | 280 |
| WK 1000 | 200 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| HKI 100 | 300 |
| HKI 150 | 310 |
| HKI 200 | 330 |
| HKI 250 | 340 |
| HKI 300 | 360 |
| HKI 400 | 370 |
| HKI 500 | 380 |
| HKI 600 | 410 |
| HKI 800 | 370 |
| HKI 1000 | 330 |

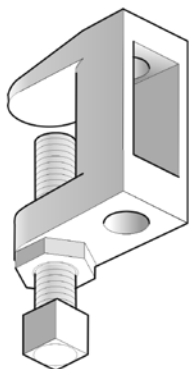
| Reference | Max. load (in daN) |
|-----------|--------------------|
| WKZ 300 | 750 |
| WKZ 400 | 740 |
| WKZ 500 | 720 |
| WKZ 600 | 710 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| HKIZ 300 | 900 |
| HKIZ 400 | 910 |
| HKIZ 500 | 920 |
| HKIZ 600 | 930 |

| Reference | Max. load (in daN) |
|-----------|--------------------|
| WKM 100 | 600 |
| WKM 200 | 620 |
| WKM 300 | 620 |
| WKM 400 | 610 |

FL

Fixing clamp for threaded rod



Standard finish

Electro zinc-plated

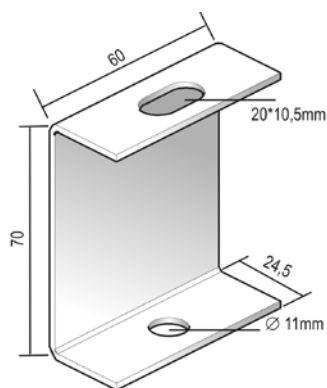
| Reference | Max. load (in daN) | Clamp range |
|-----------|--------------------|-------------|
| FL 1 | 250 | 0-22 mm |
| FL 2 | 250 | 0-19 mm |
| FL 3 | 350 | 5-25 mm |

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|----|-----|----|----------|----|-------|-------|
| - | FL 1 | - | - | M8 | - | 0.140 | 50 | ✓ | piece |
| - | FL 2 | - | - | M10 | - | 0.150 | 50 | ✓ | piece |
| - | FL 3 | - | - | M12 | - | 0.210 | 50 | ✓ | piece |

The fixing clamp is useful for I-profiles which are placed horizontally and for I-profiles with a certain angle of inclination. The fixing clamp is delivered with adjusting screw and suitable lock-nut included. Threaded rod should be ordered separately.

PB

Ceiling bracket



On Demand

Powder coating / Duplex System

Max. load

250 daN

Standard finish

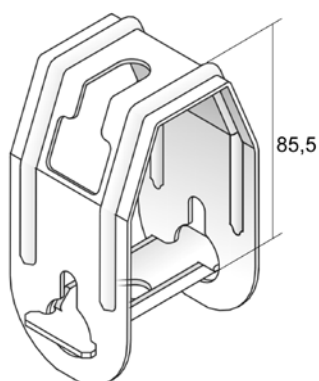
Pre-galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|----|----|----|----------|----|-------|-------|
| - | PB | 70 | - | - | - | 0.100 | 48 | ✓ | piece |

Threaded rod TIM 8 or TIM 10 to be ordered separately.

PBR

Adjustable ceiling bracket



Ideal for a light inclining roof construction.

Max. load

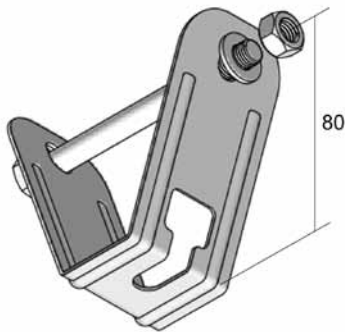
170 daN

Standard finish

Pre-galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|----|----|----|----------|----|-------|-------|
| - | PBR | - | - | - | - | 0.140 | 48 | ✓ | piece |

Threaded rod TIM 8 or TIM 10 to be ordered separately.

SDBG**Steeldeck bracket**

For fixation to steel roof constructions.

Max. load 300 daN

Standard finish Pre-galvanised

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-------------|---------|---------|---------|---------|----------|----|-------|-------|
| - | SDBG | - | - | - | - | 0.200 | 48 | ✓ | piece |

Delivered complete with bolt B 10*110, nut M 10 and washer RO 10.

VFCB**Central suspension bracket for VF/VFL**

For threaded rod suspension M6/M8.

On Demand Powder coating / Duplex System

Standard finish Pre-galvanised

Optional finish 1 Hot-dip galvanised

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/set | 📦 | Stock | Unit |
|----|-------------|---------|---------|---------|---------|--------|----|-------|------|
| HD | VFCB | - | - | - | - | 0.070 | 30 | ✓ | set |

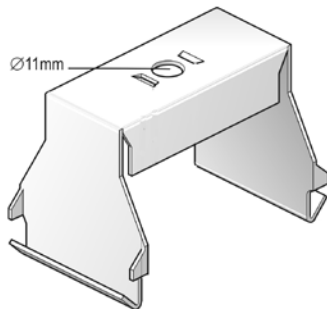
Per set (2 pieces)

Can be used for wire cable trays VFL/VF 35*100, VFL/VF 60*100 and VFL/VF 60*150.

Threaded rod TIM 6 or TIM 8 and nut M 6 or M 8 should be ordered separately.

OBG

Upper bracket



To mount cable trays with partition.

| | |
|-------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |
| Optional finish 1 | Hot-dip galvanised |

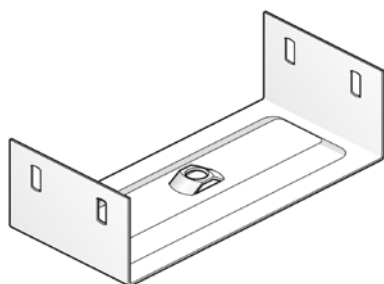
| | Max. load (in daN) |
|---------|--------------------|
| OBG 050 | 200 |
| OBG 075 | 200 |
| OBG 100 | 200 |
| OBG 150 | 200 |
| OBG 200 | 200 |
| OBG 250 | 150 |
| OBG 300 | 150 |
| OBG 400 | 90 |

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|-----|----|----|----------|----|-------|-------|
| HD | OBG 050 | 64 | 55 | - | - | 0.100 | 12 | ✓ | piece |
| HD | OBG 075 | 64 | 80 | - | - | 0.130 | 12 | ✓ | piece |
| HD | OBG 100 | 64 | 105 | - | - | 0.140 | 12 | ✓ | piece |
| HD | OBG 150 | 64 | 155 | - | - | 0.190 | 12 | ✓ | piece |
| HD | OBG 200 | 64 | 205 | - | - | 0.220 | 12 | ✓ | piece |
| HD | OBG 250 | 64 | 255 | - | - | 0.270 | 12 | ✓ | piece |
| HD | OBG 300 | 64 | 305 | - | - | 0.310 | 6 | ✓ | piece |
| HD | OBG 400 | 64 | 405 | - | - | 0.390 | 6 | ✓ | piece |

To be mounted with threaded rod TIM 8 or TIM 10.

BG

Inside bracket



| | |
|-------------------|--------------------------------|
| On Demand | Height 35 mm |
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |
| Optional finish 1 | Hot-dip galvanised |

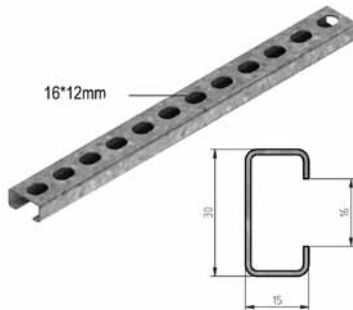
| Width | Max. load (in daN) |
|--------|--------------------|
| BG 075 | 200 |
| BG 100 | 200 |
| BG 150 | 200 |
| BG 200 | 150 |
| BG 250 | 120 |
| BG 300 | 90 |
| BG 400 | 30 |

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|-----|----|----|----------|----|-------|-------|
| HD | BG 60*075 | 56 | 70 | - | - | 0.200 | 12 | ✓ | piece |
| HD | BG 60*100 | 56 | 95 | - | - | 0.210 | 12 | ✓ | piece |
| HD | BG 60*150 | 56 | 145 | - | - | 0.270 | 12 | ✓ | piece |
| HD | BG 60*200 | 56 | 195 | - | - | 0.330 | 12 | ✓ | piece |
| HD | BG 60*250 | 56 | 245 | - | - | 0.380 | 12 | ✓ | piece |
| HD | BG 60*300 | 56 | 295 | - | - | 0.430 | 6 | ✓ | piece |
| HD | BG 60*400 | 56 | 395 | - | - | 0.530 | 6 | ✓ | piece |

To be fixed with threaded rod TIM 8 or TIM 10.
Delivered with premounted nut M 10

DR 15*30

Supporting profile



On Demand

Powder coating / Duplex System

Max. load

100 daN

Standard finish

Pre-galvanised

Optional finish 1

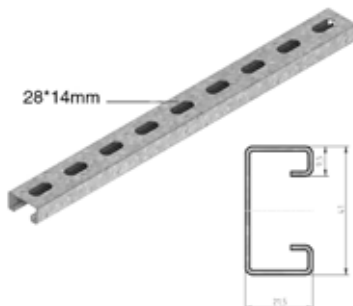
Hot-dip galvanised

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|---------------|---------|---------|---------|---------|----------|----|-------|-------|
| HD | DR 100 | 15 | 30 | - | 100 | 0.060 | 50 | ✓ | piece |
| HD | DR 150 | 15 | 30 | - | 150 | 0.080 | 50 | ✓ | piece |
| HD | DR 200 | 15 | 30 | - | 200 | 0.110 | 50 | ✓ | piece |
| HD | DR 250 | 15 | 30 | - | 250 | 0.130 | 50 | ✓ | piece |
| HD | DR 300 | 15 | 30 | - | 300 | 0.160 | 50 | ✓ | piece |
| HD | DR 350 | 15 | 30 | - | 350 | 0.190 | 50 | ✓ | piece |
| HD | DR 15*30*2000 | 15 | 30 | - | 2000 | 0.600 | 1 | | m |

To be fixed with two threaded rods TIM 8 + nut M 8 + CRO 8.
Always order the width of the cable tray + 50 mm.

DR 21*41

Supporting profile



On Demand

Powder coating / Duplex System

Max. load

150 daN

Standard finish

Pre-galvanised

Optional finish 1

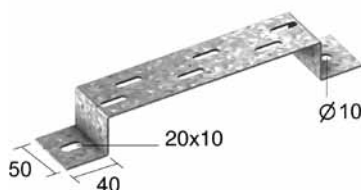
Hot-dip galvanised

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|---|-------|-------|
| HD | DR 450 | 21 | 41 | - | 450 | 0.500 | 6 | ✓ | piece |
| HD | DR 550 | 21 | 41 | - | 550 | 0.620 | 6 | ✓ | piece |
| HD | DR 650 | 21 | 41 | - | 650 | 0.700 | 6 | ✓ | piece |

To be fixed with two threaded rods TIM 10 + nut M 10 + CRO 10.
Always order the width of the cable tray + 50 mm.

VMB

Floor and wall bracket



Suitable as floor-, wall-, and suspension bracket.

On Demand

Powder coating / Duplex System

Max. load

200 daN

Standard finish

Pre-galvanised

Optional finish 1

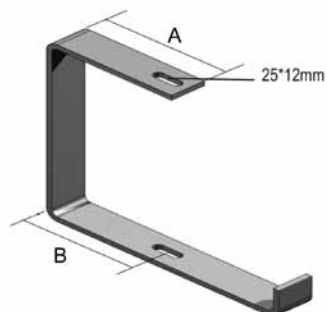
Hot-dip galvanised

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|----|-------|-------|
| HD | VMB 100 | 40 | 100 | - | - | 0.190 | 30 | ✓ | piece |
| HD | VMB 150 | 40 | 150 | - | - | 0.220 | 30 | ✓ | piece |
| HD | VMB 200 | 40 | 200 | - | - | 0.260 | 30 | ✓ | piece |
| HD | VMB 300 | 40 | 300 | - | - | 0.330 | 30 | ✓ | piece |
| HD | VMB 400 | 40 | 400 | - | - | 0.390 | 30 | ✓ | piece |
| HD | VMB 500 | 40 | 500 | - | - | 0.460 | 30 | ✓ | piece |
| HD | VMB 600 | 40 | 600 | - | - | 0.530 | 30 | ✓ | piece |

Floor bracket and suspension bracket : to mount with VFCL.
Wall bracket : to mount with VFK

OBZ 130

Open suspension bracket



Useful for direct mounting to the ceiling or with threaded rod TIM 8 or TIM 10.

| | |
|-------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Electro zinc-plated |
| Optional finish 1 | Hot-dip galvanised |

| | Max. load (in daN) | A | B |
|-------------|--------------------|-----|-------|
| OBZ 130*075 | 80 | 64 | 42.5 |
| OBZ 130*100 | 40 | 80 | 59.5 |
| OBZ 130*150 | 50 | 105 | 84.5 |
| OBZ 130*200 | 30 | 130 | 109.5 |
| OBZ 130*250 | 50 | 155 | 134.5 |
| OBZ 130*300 | 40 | 180 | 159.5 |
| OBZ 130*400 | 30 | 230 | 209.5 |

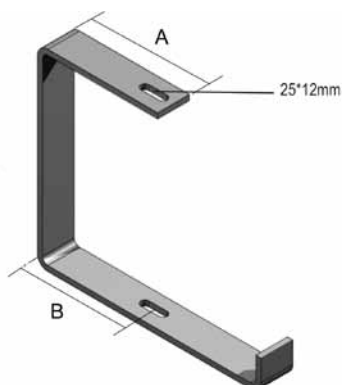
| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-------------|-----|-----|----|----|----------|----|-------|-------|
| HD | OBZ 130*075 | 132 | 102 | - | - | 0.340 | 12 | ✓ | piece |
| HD | OBZ 130*100 | 132 | 125 | - | - | 0.380 | 12 | ✓ | piece |
| HD | OBZ 130*150 | 132 | 177 | - | - | 0.570 | 12 | ✓ | piece |
| HD | OBZ 130*200 | 132 | 227 | - | - | 0.670 | 12 | ✓ | piece |
| HD | OBZ 130*250 | 132 | 281 | - | - | 1.020 | 6 | ✓ | piece |
| HD | OBZ 130*300 | 132 | 331 | - | - | 1.180 | 6 | ✓ | piece |
| HD | OBZ 130*400 | 132 | 431 | - | - | 1.600 | 6 | ✓ | piece |

Fixation of the cable tray by VM 6*20.

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

OBZ 180

Open suspension bracket



Useful for direct mounting to the ceiling or with threaded rod TIM 8 or TIM 10.

| | |
|-------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Electro zinc-plated |
| Optional finish 1 | Hot-dip galvanised |

| | Max. load (in daN) | A | B |
|-------------|--------------------|-----|-------|
| OBZ 180*075 | 50 | 64 | 42.5 |
| OBZ 180*100 | 30 | 80 | 59.5 |
| OBZ 180*150 | 30 | 105 | 84.5 |
| OBZ 180*200 | 30 | 130 | 109.5 |
| OBZ 180*250 | 40 | 155 | 134.5 |
| OBZ 180*300 | 40 | 180 | 159.5 |
| OBZ 180*400 | 20 | 230 | 209.5 |

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-------------|-----|-----|----|----|----------|----|-------|-------|
| HD | OBZ 180*075 | 182 | 102 | - | - | 0.390 | 12 | ✓ | piece |
| HD | OBZ 180*100 | 182 | 125 | - | - | 0.440 | 12 | ✓ | piece |
| HD | OBZ 180*150 | 182 | 177 | - | - | 0.630 | 12 | ✓ | piece |
| HD | OBZ 180*200 | 182 | 227 | - | - | 0.720 | 12 | ✓ | piece |
| HD | OBZ 180*250 | 182 | 281 | - | - | 1.100 | 6 | ✓ | piece |
| HD | OBZ 180*300 | 182 | 331 | - | - | 1.270 | 6 | ✓ | piece |
| HD | OBZ 180*400 | 182 | 431 | - | - | 1.500 | 6 | ✓ | piece |

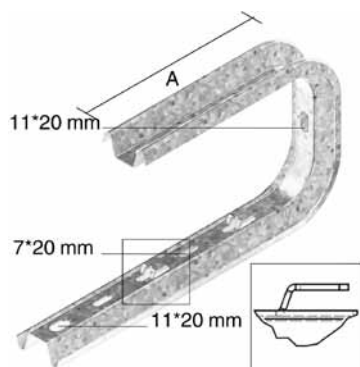
Fixation of the cable tray by VM 6*20.

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

COMEGACL 170

Snap-in suspension bracket for VF/VFL

QUICK & CLICK



Useful for direct mounting to the ceiling or with threaded rod TIM 8 or TIM 10.

| | |
|-------------------|--------------------|
| On Demand | Powder coating |
| Standard finish | Pre-galvanised |
| Optional finish 1 | Hot-dip galvanised |

| | Max. load (in daN) | A |
|------------------|--------------------|-----|
| COMEGACL 170*150 | 60 | 147 |
| COMEGACL 170*200 | 60 | 172 |
| COMEGACL 170*300 | 50 | 222 |
| COMEGACL 170*400 | 40 | 272 |

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|------------------|---------|---------|---------|---------|----------|----|-------|-------|
| HD | COMEGACL 170*150 | 170 | 182 | - | - | 0.460 | 12 | ✓ | piece |
| HD | COMEGACL 170*200 | 170 | 232 | - | - | 0.540 | 12 | ✓ | piece |
| HD | COMEGACL 170*300 | 170 | 332 | - | - | 0.700 | 12 | ✓ | piece |
| HD | COMEGACL 170*400 | 170 | 432 | - | - | 0.860 | 6 | ✓ | piece |

To use with :

COMEGACL 170*150 : VF(L) 35*100, VF(L) 35*150, VF(L) 60*100, VF(L) 60*150

COMEGACL 170*200 : VF(L) 35*150, VF(L) 60*150, VF(L) 60*200

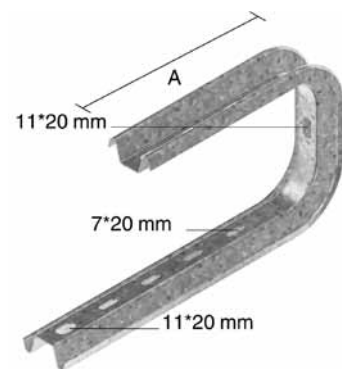
COMEGACL 170*300 : VF(L) 35*200, VF(L) 35*250, VF(L) 60*200, VF(L) 60*300

COMEGACL 170*400 : VF(L) 35*350, VF(L) 60*300, VF(L) 60*400

Max. load (in daN) : uniformly distributed over complete width of cantilever brackets.

COMEGA 170

Open suspension bracket



Useful for direct mounting to the ceiling or with threaded rod TIM 8 or TIM 10.

| | |
|-----------------|----------------|
| On Demand | Powder coating |
| Standard finish | Pre-galvanised |

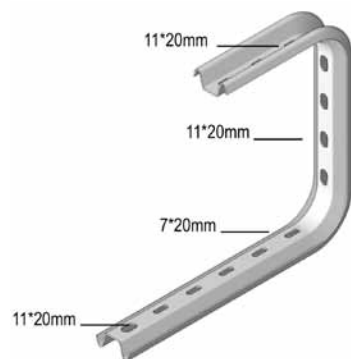
| | Max. load (in daN) | A |
|----------------|--------------------|-----|
| COMEGA 170*150 | 60 | 147 |
| COMEGA 170*200 | 60 | 172 |
| COMEGA 170*300 | 50 | 222 |
| COMEGA 170*400 | 40 | 272 |

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|----------------|---------|---------|---------|---------|----------|----|-------|-------|
| - | COMEGA 170*150 | 170 | 182 | - | - | 0.460 | 12 | ✓ | piece |
| - | COMEGA 170*200 | 170 | 232 | - | - | 0.540 | 12 | ✓ | piece |
| - | COMEGA 170*300 | 170 | 332 | - | - | 0.700 | 12 | ✓ | piece |
| - | COMEGA 170*400 | 170 | 432 | - | - | 0.860 | 12 | ✓ | piece |

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

COMEGA 290

Open suspension bracket



Useful for direct mounting to the ceiling or with threaded rod TIM 8 or TIM 10.

| | |
|-----------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |

| | Max. load (in daN) |
|----------------|--------------------|
| COMEGA 290*100 | 70 |
| COMEGA 290*150 | 60 |
| COMEGA 290*200 | 60 |
| COMEGA 290*250 | 50 |
| COMEGA 290*300 | 50 |
| COMEGA 290*400 | 40 |

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|----------------|-----|-----|----|----|----------|----|-------|-------|
| - | COMEGA 290*100 | 290 | 145 | - | - | 0.520 | 12 | ✓ | piece |
| - | COMEGA 290*150 | 290 | 195 | - | - | 0.560 | 12 | ✓ | piece |
| - | COMEGA 290*200 | 290 | 245 | - | - | 0.620 | 12 | ✓ | piece |
| - | COMEGA 290*250 | 290 | 295 | - | - | 0.760 | 6 | ✓ | piece |
| - | COMEGA 290*300 | 290 | 345 | - | - | 0.820 | 6 | ✓ | piece |
| - | COMEGA 290*400 | 290 | 445 | - | - | 0.930 | 6 | ✓ | piece |

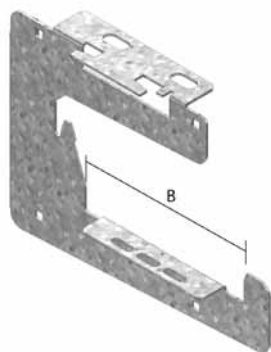
Fixation of the cable tray by VM 6*10.

Use the VOMEGA to avoid compression of the profile.

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

CCLTI

Bracket KBSTI for wall and ceiling



Ideal for installations in low ceiling.
Also applicable for KBSI, KBS, KGI, KG.

| | |
|-------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |
| Optional finish 1 | Hot-dip galvanised |

| | Max. load (daN) (wall) | Max. load (daN) (ceiling) | B |
|-----------|------------------------|---------------------------|-----|
| CCLTI 150 | 107 | 63 | 103 |
| CCLTI 200 | 80 | 47 | 153 |
| CCLTI 250 | 150 | 110 | 203 |
| CCLTI 300 | 133 | 83 | 253 |
| CCLTI 400 | 100 | 62 | 353 |

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|-----|-----|----|----|----------|---|-------|-------|
| HD | CCLTI 150 | 179 | 200 | - | - | 0.430 | 6 | ✓ | piece |
| HD | CCLTI 200 | 181 | 250 | - | - | 0.510 | 6 | ✓ | piece |
| HD | CCLTI 250 | 189 | 300 | - | - | 0.770 | 6 | ✓ | piece |
| HD | CCLTI 300 | 193 | 350 | - | - | 1.090 | 6 | ✓ | piece |
| HD | CCLTI 400 | 190 | 450 | - | - | 1.350 | 6 | ✓ | piece |

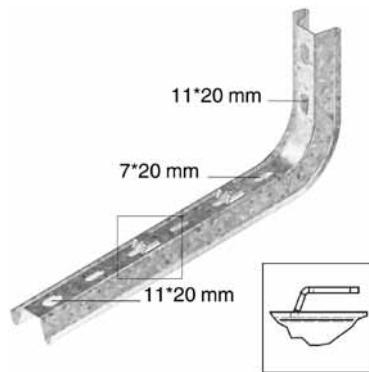
More technical specifications for this product can be found at the end of this chapter.

Multiple brackets can be mounted one below another.

LOMEGACL 150

QUICK & CLICK

Snap-in wall bracket for VF/VFL



On Demand

Powder coating

Standard finish

Pre-galvanised

| | Max. load (in daN) |
|------------------|--------------------|
| LOMEGACL 150*150 | 100 |
| LOMEGACL 150*200 | 90 |
| LOMEGACL 150*300 | 70 |
| LOMEGACL 150*400 | 50 |

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|------------------|---------|---------|---------|---------|----------|----|-------|-------|
| - | LOMEGACL 150*150 | 145 | 195 | - | - | 0.330 | 6 | ✓ | piece |
| - | LOMEGACL 150*200 | 145 | 245 | - | - | 0.380 | 12 | ✓ | piece |
| - | LOMEGACL 150*300 | 145 | 345 | - | - | 0.480 | 12 | ✓ | piece |
| - | LOMEGACL 150*400 | 145 | 445 | - | - | 0.590 | 6 | ✓ | piece |

To use with :

LOMEGACL 150*150 : VF(L) 35*100, VF(L) 35*150, VF(L) 60*100, VF(L) 60*150

LOMEGACL 150*200 : VF(L) 35*150, VF(L) 35*200, VF(L) 60*150, VF(L) 60*200

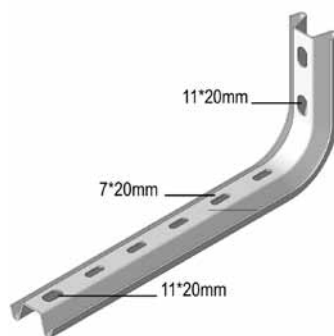
LOMEGACL 150*300 : VF(L) 35*200, VF(L) 35*250, VF(L) 60*200, VF(L) 60*300

LOMEGACL 150*400 : VF(L) 35*350, VF(L) 60*300, VF(L) 60*400

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

LOMEGA 150

Bracket/ceiling profile



On Demand

Powder coating / Duplex System

Standard finish

Pre-galvanised

| | Max. load (in daN) |
|----------------|--------------------|
| LOMEGA 150*100 | 110 |
| LOMEGA 150*150 | 100 |
| LOMEGA 150*200 | 90 |
| LOMEGA 150*250 | 80 |
| LOMEGA 150*300 | 70 |
| LOMEGA 150*400 | 50 |
| LOMEGA 150*500 | 40 |
| LOMEGA 150*600 | 30 |

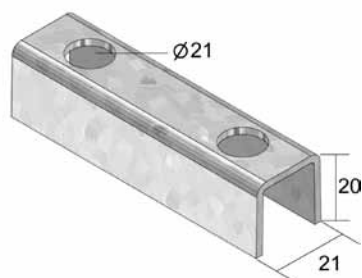
| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|----------------|---------|---------|---------|---------|----------|----|-------|-------|
| - | LOMEGA 150*100 | 145 | 145 | - | - | 0.300 | 12 | ✓ | piece |
| - | LOMEGA 150*150 | 145 | 195 | - | - | 0.320 | 12 | ✓ | piece |
| - | LOMEGA 150*200 | 145 | 245 | - | - | 0.340 | 12 | ✓ | piece |
| - | LOMEGA 150*250 | 145 | 295 | - | - | 0.450 | 12 | ✓ | piece |
| - | LOMEGA 150*300 | 145 | 345 | - | - | 0.490 | 12 | ✓ | piece |
| - | LOMEGA 150*400 | 145 | 445 | - | - | 0.540 | 6 | ✓ | piece |
| - | LOMEGA 150*500 | 145 | 545 | - | - | 0.710 | 6 | ✓ | piece |
| - | LOMEGA 150*600 | 145 | 645 | - | - | 0.770 | 6 | ✓ | piece |

Use the VOMEGA to avoid compression of the profile.

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

VOMEGA

Jointing piece



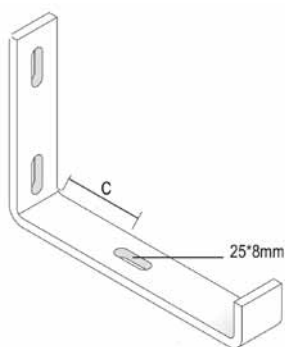
| | |
|-----------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|----|----|----|----------|----|-------|-------|
| - | VOMEGA | - | - | - | - | 0.060 | 48 | ✓ | piece |

For wall mounting 1 piece, for double mounting 2 pieces, back to back.

MBZ

Wall support



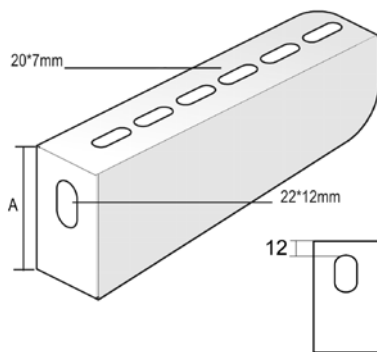
| | |
|-----------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Max. load | 40 daN |
| Standard finish | Hot-dip galvanised |

| | C |
|---------|-------|
| MBZ 075 | 30 |
| MBZ 100 | 47,50 |
| MBZ 150 | 65,50 |
| MBZ 200 | 97,50 |

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|-----|-----|----|----|----------|---|-------|-------|
| - | MBZ 075 | 120 | 104 | - | - | 0.310 | 6 | ✓ | piece |
| - | MBZ 100 | 120 | 125 | - | - | 0.350 | 6 | ✓ | piece |
| - | MBZ 150 | 120 | 175 | - | - | 0.470 | 6 | ✓ | piece |
| - | MBZ 200 | 120 | 233 | - | - | 0.660 | 6 | ✓ | piece |

WS

Wall support



For direct fixation on the wall

| | |
|-----------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |

| | Max. load (in daN) | A |
|--------|--------------------|------|
| WS 100 | 70 | 53 |
| WS 150 | 60 | 58.5 |
| WS 200 | 60 | 64 |
| WS 250 | 60 | 69 |
| WS 300 | 50 | 75 |
| WS 400 | 50 | 86 |
| WS 500 | 40 | 96 |
| WS 600 | 30 | 107 |

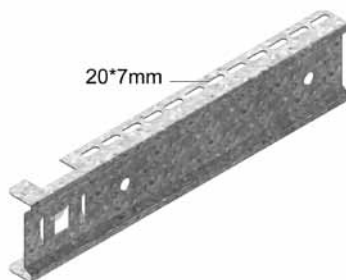
| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|----|-------|-------|
| - | WS 100 | 53 | 117 | - | - | 0.130 | 48 | ✓ | piece |
| - | WS 150 | 58,5 | 167 | - | - | 0.190 | 48 | ✓ | piece |
| - | WS 200 | 64 | 217 | - | - | 0.230 | 48 | ✓ | piece |
| - | WS 250 | 69 | 267 | - | - | 0.300 | 24 | ✓ | piece |
| - | WS 300 | 75 | 317 | - | - | 0.350 | 48 | ✓ | piece |
| - | WS 400 | 86 | 417 | - | - | 0.440 | 24 | ✓ | piece |
| - | WS 500 | 96 | 517 | - | - | 0.640 | 24 | ✓ | piece |
| - | WS 600 | 107 | 617 | - | - | 0.740 | 12 | ✓ | piece |

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

KCL

Bracket clips for HSLECL

QUICK & CLICK



For fixation on the ceiling profile, no fixation elements required. For fixation on the ceiling profiles HSLECL and assembly profile MPCL + KPCL.

| | |
|-----------------|----------------|
| Standard finish | Pre-galvanised |
|-----------------|----------------|

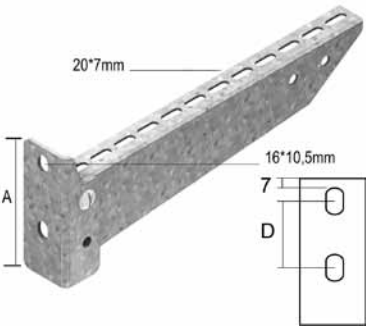
| | Max. load (in daN) |
|---------|--------------------|
| KCL 100 | 110 |
| KCL 150 | 100 |
| KCL 200 | 100 |
| KCL 250 | 90 |
| KCL 300 | 90 |
| KCL 400 | 70 |
| KCL 500 | 60 |
| KCL 600 | 50 |

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|----|-------|-------|
| - | KCL 100 | 80 | 180 | - | - | 0.220 | 48 | ✓ | piece |
| - | KCL 150 | 80 | 230 | - | - | 0.300 | 48 | ✓ | piece |
| - | KCL 200 | 80 | 280 | - | - | 0.350 | 48 | ✓ | piece |
| - | KCL 250 | 80 | 330 | - | - | 0.440 | 24 | ✓ | piece |
| - | KCL 300 | 80 | 380 | - | - | 0.470 | 24 | ✓ | piece |
| - | KCL 400 | 80 | 480 | - | - | 0.750 | 24 | ✓ | piece |
| - | KCL 500 | 80 | 580 | - | - | 0.950 | 12 | ✓ | piece |
| - | KCL 600 | 80 | 680 | - | - | 1.130 | 12 | ✓ | piece |

Adapter CLHS for a symmetrical fixation.

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

WKS
Screwed bracket



For direct fixation on the wall and also for fixation on the ceiling profiles

| | |
|-------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |
| Optional finish 1 | Hot-dip galvanised |

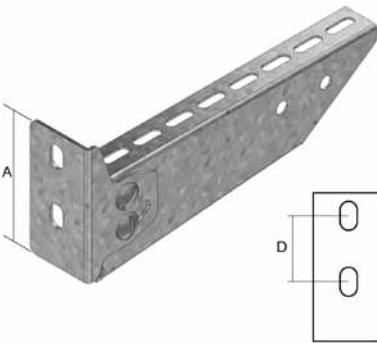
| | Max. load (in daN) | A | D |
|---------|--------------------|-----|----|
| WKS 100 | 110 | 99 | 40 |
| WKS 150 | 110 | 99 | 40 |
| WKS 200 | 120 | 99 | 40 |
| WKS 250 | 120 | 99 | 40 |
| WKS 300 | 130 | 119 | 60 |
| WKS 400 | 130 | 119 | 60 |
| WKS 500 | 140 | 139 | 80 |
| WKS 600 | 150 | 139 | 80 |

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|-----|-----|----|----|----------|----|-------|-------|
| HD | WKS 100 | 99 | 117 | - | - | 0.240 | 24 | ✓ | piece |
| HD | WKS 150 | 99 | 167 | - | - | 0.330 | 24 | ✓ | piece |
| HD | WKS 200 | 99 | 217 | - | - | 0.380 | 24 | ✓ | piece |
| HD | WKS 250 | 99 | 267 | - | - | 0.430 | 12 | ✓ | piece |
| HD | WKS 300 | 119 | 317 | - | - | 0.630 | 12 | ✓ | piece |
| HD | WKS 400 | 119 | 417 | - | - | 0.760 | 12 | ✓ | piece |
| HD | WKS 500 | 139 | 517 | - | - | 1.000 | 6 | ✓ | piece |
| HD | WKS 600 | 139 | 617 | - | - | 1.230 | 6 | ✓ | piece |

For fixation on ceiling profiles, order the necessary fixation elements separately : two sliding nuts GM 41 M 10 and
- bolt B 10*20 per bracket for ceiling profile HSLECL/HSLDCL.
- bolt B 10*30 per bracket for ceiling profile HSME/HSMD.
Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

WKSS

Adjustable bracket



For direct fixation on the wall and on the ceiling profiles. Adjustable angle from -20° to +40°.

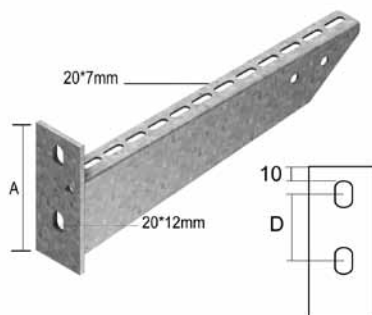
| | |
|-------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |
| Optional finish 1 | Hot-dip galvanised |

| | Max. load (in daN) | A | D |
|----------|--------------------|-----|----|
| WKSS 100 | 110 | 90 | 40 |
| WKSS 150 | 110 | 90 | 40 |
| WKSS 200 | 120 | 90 | 40 |
| WKSS 250 | 120 | 90 | 40 |
| WKSS 300 | 100 | 110 | 60 |
| WKSS 400 | 75 | 110 | 60 |
| WKSS 500 | 60 | 130 | 80 |
| WKSS 600 | 50 | 130 | 80 |

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↖ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------------|---------|---------|---------|---------|----------|----|-------|-------|
| HD | WKSS 100 | 90 | 117 | - | - | 0.330 | 24 | ✓ | piece |
| HD | WKSS 150 | 90 | 167 | - | - | 0.267 | 24 | ✓ | piece |
| HD | WKSS 200 | 90 | 217 | - | - | 0.320 | 24 | ✓ | piece |
| HD | WKSS 250 | 90 | 267 | - | - | 0.375 | 12 | ✓ | piece |
| HD | WKSS 300 | 110 | 317 | - | - | 0.641 | 12 | ✓ | piece |
| HD | WKSS 400 | 110 | 417 | - | - | 0.821 | 12 | ✓ | piece |
| HD | WKSS 500 | 130 | 517 | - | - | 1.071 | 6 | ✓ | piece |
| HD | WKSS 600 | 130 | 617 | - | - | 1.259 | 6 | ✓ | piece |

WK

Joined bracket



For direct fixation on the wall and also for fixation on the ceiling profile

| | |
|----------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Thickness head plate | 5 mm |
| Standard finish | Hot-dip galvanised |

| | Max. load (in daN) | A | D |
|---------|--------------------|-------|------|
| WK 100 | 120 | 106.5 | 46.5 |
| WK 150 | 230 | 112 | 52 |
| WK 200 | 340 | 116 | 56 |
| WK 250 | 450 | 120.5 | 60.5 |
| WK 300 | 320 | 125 | 65 |
| WK 400 | 430 | 134 | 74 |
| WK 500 | 390 | 142.5 | 82.5 |
| WK 600 | 350 | 150 | 90 |
| WK 800 | 280 | 150 | 90 |
| WK 1000 | 200 | 150 | 90 |

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|-------|------|----|----|----------|----|-------|-------|
| - | WK 100 | 106,5 | 117 | - | - | 0.300 | 24 | ✓ | piece |
| - | WK 150 | 112 | 167 | - | - | 0.360 | 24 | ✓ | piece |
| - | WK 200 | 116 | 217 | - | - | 0.430 | 24 | ✓ | piece |
| - | WK 250 | 120,5 | 267 | - | - | 0.530 | 12 | ✓ | piece |
| - | WK 300 | 125 | 317 | - | - | 0.730 | 12 | ✓ | piece |
| - | WK 400 | 134 | 417 | - | - | 0.880 | 12 | ✓ | piece |
| - | WK 500 | 142,5 | 517 | - | - | 1.300 | 6 | ✓ | piece |
| - | WK 600 | 150 | 617 | - | - | 1.600 | 6 | ✓ | piece |
| - | WK 800 | 150 | 817 | - | - | 1.900 | 1 | ✓ | piece |
| - | WK 1000 | 150 | 1017 | - | - | 2.400 | 1 | ✓ | piece |

For fixation on ceiling profiles, order the necessary fixation elements separately : two sliding nuts GM 41 M 10 and

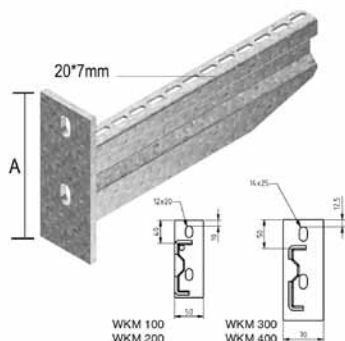
- tapbolt B 10*20 per bracket for ceiling profile HSLECL/HSLDCL.

- tapbolt B 10*30 per bracket for ceiling profile HSME/HSMD.

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

WKM

Heavy joined bracket (BS)



For direct fixation on the wall and also for fixation on the ceiling profile

| | |
|-----------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Hot-dip galvanised |

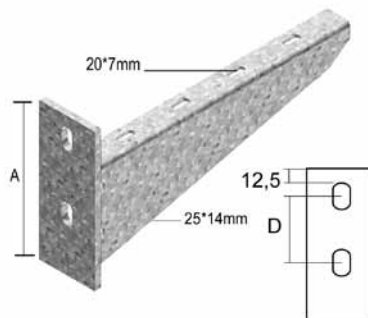
| | Max. load (in daN) |
|---------|--------------------|
| WKM 100 | 600 |
| WKM 200 | 620 |
| WKM 300 | 620 |
| WKM 400 | 610 |

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|-----|-----|----|----|----------|----|-------|-------|
| - | WKM 100 | 125 | 125 | - | - | 0.450 | 24 | ✓ | piece |
| - | WKM 200 | 134 | 225 | - | - | 0.650 | 24 | ✓ | piece |
| - | WKM 300 | 175 | 325 | - | - | 0.130 | 12 | ✓ | piece |
| - | WKM 400 | 175 | 425 | - | - | 0.950 | 8 | ✓ | piece |

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

WKZ

Extra heavy joined bracket



Only for direct fixation on the wall

On Demand Powder coating / Duplex System

Thickness head plate 8 mm

Standard finish Hot-dip galvanised

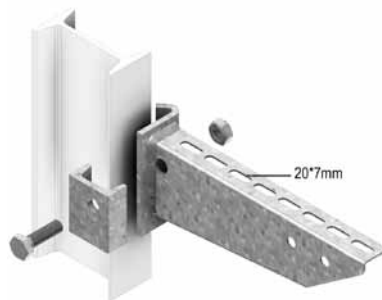
| | Max. load (in daN) | A | D |
|---------|--------------------|-----|-------|
| WKZ 300 | 750 | 175 | 82.5 |
| WKZ 400 | 740 | 200 | 107.5 |
| WKZ 500 | 720 | 230 | 137.5 |
| WKZ 600 | 710 | 260 | 167.5 |

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|---|-------|-------|
| - | WKZ 300 | 175 | 325 | - | - | 1.650 | 4 | ✓ | piece |
| - | WKZ 400 | 200 | 425 | - | - | 2.200 | 2 | ✓ | piece |
| - | WKZ 500 | 230 | 525 | - | - | 2.970 | 2 | ✓ | piece |
| - | WKZ 600 | 260 | 625 | - | - | 3.700 | 2 | ✓ | piece |

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

HKI

Joined clamping bracket



For fixation on the ceiling profile HSIZ and IPN 80 SL profile

On Demand Powder coating / Duplex System

Standard finish Hot-dip galvanised

| | Max. Load (in daN) |
|----------|--------------------|
| HKI 100 | 300 |
| HKI 150 | 310 |
| HKI 200 | 330 |
| HKI 250 | 340 |
| HKI 300 | 360 |
| HKI 400 | 370 |
| HKI 500 | 380 |
| HKI 600 | 410 |
| HKI 800 | 370 |
| HKI 1000 | 330 |

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|----|-------|-------|
| - | HKI 100 | 90 | 117 | - | - | 0.300 | 24 | ✓ | piece |
| - | HKI 150 | 90 | 167 | - | - | 0.370 | 24 | ✓ | piece |
| - | HKI 200 | 90 | 217 | - | - | 0.500 | 24 | ✓ | piece |
| - | HKI 250 | 100 | 267 | - | - | 0.460 | 12 | ✓ | piece |
| - | HKI 300 | 100 | 317 | - | - | 0.690 | 12 | ✓ | piece |
| - | HKI 400 | 117 | 417 | - | - | 0.850 | 12 | ✓ | piece |
| - | HKI 500 | 117 | 517 | - | - | 1.350 | 6 | ✓ | piece |
| - | HKI 600 | 117 | 617 | - | - | 1.550 | 6 | ✓ | piece |
| - | HKI 800 | 117 | 817 | - | - | 1.800 | 1 | ✓ | piece |
| - | HKI 1000 | 117 | 1017 | - | - | 2.300 | 1 | ✓ | piece |

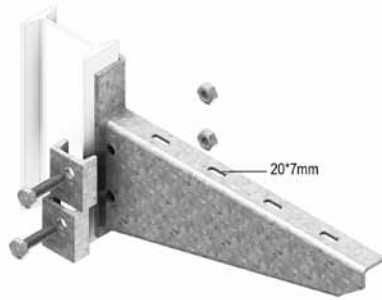
Welded headplate.

Clamp plate, bolt B 10*40 and nut M 10 inclusive.

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

HKIZ

Extra heavy joined clamping bracket



Only for fixation on IPN 80 SL profile

On Demand Powder coating / Duplex System

Thickness head plate 5 mm

Standard finish Hot-dip galvanised

| | Max. load (in daN) |
|----------|--------------------|
| HKIZ 300 | 900 |
| HKIZ 400 | 910 |
| HKIZ 500 | 920 |
| HKIZ 600 | 930 |

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|-----|-----|----|----|----------|---|-------|-------|
| - | HKIZ 300 | 175 | 325 | - | - | 1.300 | 1 | ✓ | piece |
| - | HKIZ 400 | 200 | 425 | - | - | 1.700 | 1 | ✓ | piece |
| - | HKIZ 500 | 230 | 525 | - | - | 2.250 | 1 | ✓ | piece |
| - | HKIZ 600 | 260 | 625 | - | - | 3.050 | 1 | ✓ | piece |

Headplate is welded.

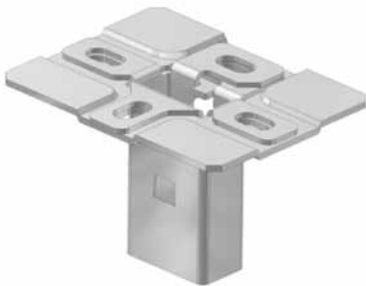
2x Clamp plate, 2x bolt B 10*40 and 2x nut M 10 inclusive.

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

KPCL

Headplate clips

QUICK & CLICK



Headplate clips for ceiling profile

Max. load 300 daN

Standard finish Pre-galvanised

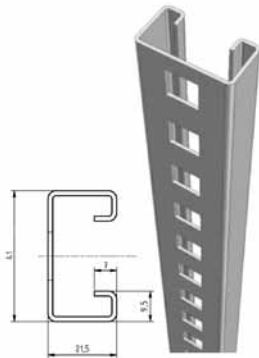
| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|------------|----|-----|----|----|----------|----|-------|-------|
| - | KPCL 41*21 | 84 | 130 | - | - | 0.280 | 10 | ✓ | piece |

- revolutionary and saves costs
- tested according to CEI/IEC 61537.
- the end plate should always be fixed with the supplied supporting plate.

MPCL

QUICK & CLICK

Assembly profile clips



On Demand

Powder coating / Duplex System

Standard finish

Pre-galvanised

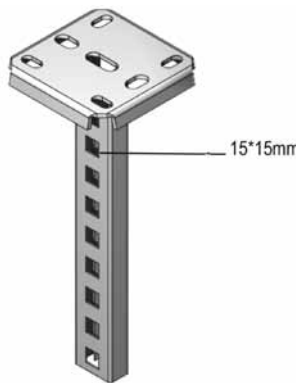
| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|----------------------|---------|---------|---------|---------|----------|----|-------|-------|
| - | MPCL 41*21*1.50*200 | 41 | 21 | 1.500 | 210 | 0.240 | 10 | ✓ | piece |
| - | MPCL 41*21*1.50*300 | 41 | 21 | 1.500 | 300 | 0.340 | 10 | ✓ | piece |
| - | MPCL 41*21*1.50*400 | 41 | 21 | 1.500 | 420 | 0.480 | 10 | ✓ | piece |
| - | MPCL 41*21*1.50*500 | 41 | 21 | 1.500 | 510 | 0.580 | 10 | ✓ | piece |
| - | MPCL 41*21*1.50*600 | 41 | 21 | 1.500 | 600 | 0.680 | 10 | ✓ | piece |
| - | MPCL 41*21*1.50*800 | 41 | 21 | 1.500 | 810 | 0.920 | 10 | ✓ | piece |
| - | MPCL 41*21*1.50*3000 | 41 | 21 | 1.500 | 3000 | 1.150 | 3 | ✓ | m |

- is preassembled with consoles, the resulting assembly clips into the KPCL
- clips into the KPCL as far as the ceiling, after which the system locks itself into place
- ideal in combination with the KCL console
- protection cap in yellow PVC : DOPHSLECL.

HSLECL

QUICK & CLICK

Single Ceiling profile clips



Ceiling profile : MP 41*21
Welded headplate: 120 x 120 mm

On Demand

Powder coating / Duplex System

Max. load

300 daN

Thickness head plate

4 mm

Standard finish

Hot-dip galvanised

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-------------|---------|---------|---------|---------|----------|----|-------|-------|
| - | HSLECL 200 | - | - | - | 210 | 0.740 | 25 | ✓ | piece |
| - | HSLECL 300 | - | - | - | 300 | 0.850 | 1 | ✓ | piece |
| - | HSLECL 400 | - | - | - | 420 | 1.010 | 1 | ✓ | piece |
| - | HSLECL 500 | - | - | - | 510 | 1.130 | 1 | ✓ | piece |
| - | HSLECL 600 | - | - | - | 600 | 1.230 | 1 | ✓ | piece |
| - | HSLECL 800 | - | - | - | 810 | 1.450 | 1 | ✓ | piece |
| - | HSLECL 1000 | - | - | - | 1020 | 1.750 | 1 | ✓ | piece |
| - | HSLECL 1200 | - | - | - | 1200 | 1.950 | 1 | ✓ | piece |

More technical specifications for this product can be found at the end of this chapter.

For one and double sided fixation of the bracket KCL and for one sided fixation of the other brackets WKS and WK using sliding nut GM 41 M 10 and hexagonal bolt B 10*20.
Protection cap in yellow PVC : DOPHSLECL.

CLHS

Adapter clips for HSLECL

QUICK & CLICK



Standard finish

Pre-galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|----|----|----|----------|----|-------|-------|
| - | CLHS | - | - | - | - | 0.120 | 24 | ✓ | piece |

HSLDCL

Double Ceiling profile



Ceiling profile : MP 41*21
Welded headplate: 120 x 120 mm

On Demand Powder coating / Duplex System

Max. load 500 daN

Thickness head plate 4 mm

Standard finish

Hot-dip galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-------------|----|----|----|------|----------|----|-------|-------|
| - | HSLDCL 200 | - | - | - | 210 | 1.000 | 20 | ✓ | piece |
| - | HSLDCL 300 | - | - | - | 300 | 1.230 | 1 | ✓ | piece |
| - | HSLDCL 400 | - | - | - | 420 | 1.480 | 1 | ✓ | piece |
| - | HSLDCL 500 | - | - | - | 510 | 1.700 | 1 | ✓ | piece |
| - | HSLDCL 600 | - | - | - | 600 | 1.900 | 1 | ✓ | piece |
| - | HSLDCL 800 | - | - | - | 810 | 2.250 | 1 | ✓ | piece |
| - | HSLDCL 1000 | - | - | - | 1020 | 2.900 | 1 | ✓ | piece |
| - | HSLDCL 1200 | - | - | - | 1200 | 3.340 | 1 | ✓ | piece |

More technical specifications for this product can be found at the end of this chapter.

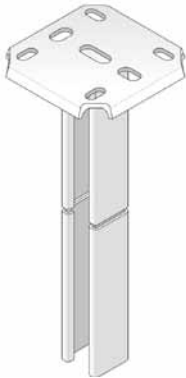
For one and double sided fixation of the bracket WKS and WK.

Use sliding nut GM 41 M 10 and hexagonal bolt B 10*20.

Protection cap in yellow PVC : DOP 41*41.

HSME

Single ceiling profile



Ceiling profile : MP 41*41
Welded headplate: 120 x 120 mm

| | |
|----------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Max. load | 800 daN |
| Thickness head plate | 4 mm |
| Standard finish | Hot-dip galvanised |

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|----|-------|-------|
| - | HSME 200 | - | - | - | 200 | 1.030 | 20 | ✓ | piece |
| - | HSME 300 | - | - | - | 300 | 1.330 | 1 | ✓ | piece |
| - | HSME 400 | - | - | - | 400 | 1.600 | 1 | ✓ | piece |
| - | HSME 500 | - | - | - | 500 | 1.900 | 1 | ✓ | piece |
| - | HSME 600 | - | - | - | 600 | 2.150 | 1 | ✓ | piece |
| - | HSME 800 | - | - | - | 800 | 2.700 | 1 | ✓ | piece |
| - | HSME 1000 | - | - | - | 1000 | 3.250 | 1 | ✓ | piece |
| - | HSME 1200 | - | - | - | 1200 | 3.800 | 1 | ✓ | piece |
| - | HSME 1500 | - | - | - | 1500 | 4.620 | 1 | ✓ | piece |

More technical specifications for this product can be found at the end of this chapter.

For one sided fixation of the brackets.

Use sliding nut GM 41 M 10 and hexagonal bolt B 10*30.

Protection cap in yellow PVC : DOP 41*41.

HSMU

Ceiling profile medium heavy



Max. load 1000 daN

Standard finish Hot-dip galvanised

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|--------------|---------|---------|---------|---------|----------|---|-------|-------|
| - | HSMU 50*200 | - | - | - | 200 | 0.940 | 1 | ✓ | piece |
| - | HSMU 50*300 | - | - | - | 300 | 1.160 | 1 | ✓ | piece |
| - | HSMU 50*400 | - | - | - | 400 | 1.380 | 1 | ✓ | piece |
| - | HSMU 50*500 | - | - | - | 500 | 1.610 | 1 | ✓ | piece |
| - | HSMU 50*600 | - | - | - | 600 | 1.830 | 1 | ✓ | piece |
| - | HSMU 50*800 | - | - | - | 800 | 2.270 | 1 | ✓ | piece |
| - | HSMU 50*1000 | - | - | - | 1000 | 2.710 | 1 | ✓ | piece |
| - | HSMU 50*1200 | - | - | - | 1200 | 3.150 | 1 | ✓ | piece |
| - | HSMU 50*1500 | - | - | - | 1500 | 3.820 | 1 | ✓ | piece |

More technical specifications for this product can be found at the end of this chapter.

TSU 50

Spacer HSMU 50



Standard finish

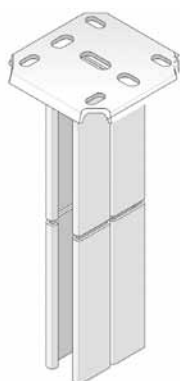
Hot-dip galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|---------------|----|----|----|----|----------|---|-------|-------|
| - | TSU 50 | - | - | - | - | 0.140 | 6 | ✓ | piece |

Bolt B 10*80, CRO 10 and nuts M 10 inclusive.

HSMD

Double ceiling profile



Ceiling profile : MP 41*41
Welded headplate: 120 x 120 mm

On Demand

Powder coating / Duplex System

Max. load

1500 daN

Thickness head plate

4 mm

Standard finish

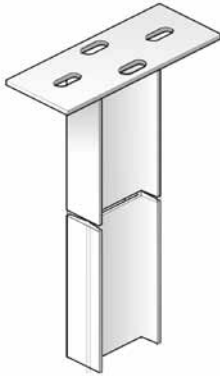
Hot-dip galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|------------------|----|----|----|------|----------|----|-------|-------|
| - | HSMD 200 | - | - | - | 200 | 1.600 | 15 | ✓ | piece |
| - | HSMD 300 | - | - | - | 300 | 2.150 | 1 | ✓ | piece |
| - | HSMD 400 | - | - | - | 400 | 2.650 | 1 | ✓ | piece |
| - | HSMD 500 | - | - | - | 500 | 3.300 | 1 | ✓ | piece |
| - | HSMD 600 | - | - | - | 600 | 3.900 | 1 | ✓ | piece |
| - | HSMD 800 | - | - | - | 800 | 4.900 | 1 | ✓ | piece |
| - | HSMD 1000 | - | - | - | 1000 | 6.000 | 1 | ✓ | piece |
| - | HSMD 1200 | - | - | - | 1200 | 7.200 | 1 | ✓ | piece |
| - | HSMD 1500 | - | - | - | 1500 | 9.000 | 1 | ✓ | piece |

For one and double sided fixation of the brackets.
Use sliding nut GM 41 M 10 and hexagonal bolt B 10*30.
Protection cap in yellow PVC : DOPHSMD.

HSIZ

Heavy ceiling profile



Ceiling profile: IPN 80
Welded headplate: 80 x 200 mm

| | |
|----------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Max. load | 2000 daN |
| Thickness head plate | 5 mm |
| Standard finish | Hot-dip galvanised |

| HD | Reference | ↑ mm | ↔ mm | ↔ mm | ↔ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|---|-------|-------|
| - | HSIZ 200 | - | - | - | 200 | 1.800 | 1 | ✓ | piece |
| - | HSIZ 400 | - | - | - | 400 | 3.050 | 1 | ✓ | piece |
| - | HSIZ 500 | - | - | - | 500 | 3.600 | 1 | ✓ | piece |
| - | HSIZ 600 | - | - | - | 600 | 4.200 | 1 | ✓ | piece |
| - | HSIZ 800 | - | - | - | 800 | 5.500 | 1 | ✓ | piece |
| - | HSIZ 1000 | - | - | - | 1000 | 6.700 | 1 | ✓ | piece |
| - | HSIZ 1200 | - | - | - | 1200 | 8.000 | 1 | ✓ | piece |
| - | HSIZ 1500 | - | - | - | 1500 | 9.900 | 1 | ✓ | piece |
| - | HSIZ 1800 | - | - | - | 1800 | 12.000 | 1 | ✓ | piece |
| - | HSIZ 2000 | - | - | - | 2000 | 13.300 | 1 | ✓ | piece |

More technical specifications for this product can be found at the end of this chapter.

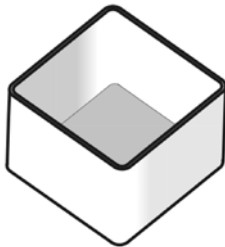
For double sided fixation of clamp brackets.

Application : as ceiling or floor support.

Protection cap in yellow PVC : PR 80.

DOP 41*41

Protection cap for pendant 41x41



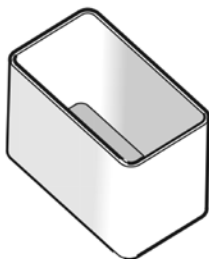
Color yellow

Standard finish Polyvinyl chloride

| HD | Reference | ↑ mm | ↔ mm | ↔ mm | ↔ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|----|-------|-------|
| - | DOP 41*41 | 26 | 41 | 2.000 | 41 | 0.010 | 50 | ✓ | piece |

DOPHSLECL

Protection cap for HSLECL



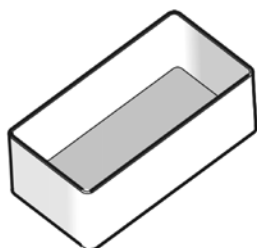
Color yellow

Standard finish Polyvinyl chloride

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|----|----|----|----------|----|-------|-------|
| - | DOPHSLECL | - | - | - | - | 0.010 | 50 | ✓ | piece |

DOPHSMD

Protection cap for HSMD



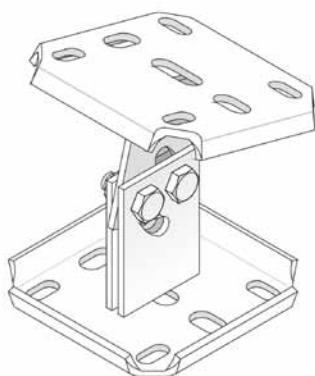
Color yellow

Standard finish Polyvinyl chloride

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|----|----|----|----------|----|-------|-------|
| - | DOPHSMD | - | - | - | - | 0.020 | 50 | ✓ | piece |

SKP

Adjustable head plate



Standard finish Hot-dip galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|-----|----|-----|----------|----|-------|-------|
| - | SKP | - | 120 | - | 120 | 1.300 | 12 | ✓ | piece |

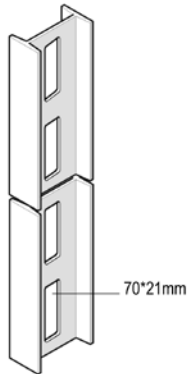
More technical specifications for this product can be found at the end of this chapter.

Headplate 120 x 120 mm with fixation holes.

Ideal for fixation at sloping ceilings with 4 bolts B 10*20 and 4 screws M 10, max. angle of 60°.

IPN 80 SL

Perforated I-profile



On Demand

Powder coating / Duplex System

Standard finish

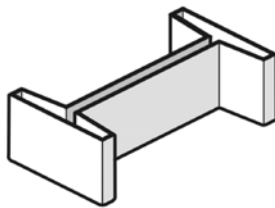
Hot-dip galvanised

| HD | Reference | ↑ mm | ↔ mm | ↔ mm | ↔ mm | kg/m | ⊞ | Stock | Unit |
|----|-----------|---------|---------|---------|---------|-------|---|-------|------|
| - | IPN 80 SL | 80 | 42 | - | 6000 | 5.750 | 6 | ✓ | m |

Resistance moment : $W_x = 19.50 \text{ cm}^3$.
Protection cap in yellow PVC : PR 80.

PR 80

Protection cap for IPN 80 SL



Color

yellow

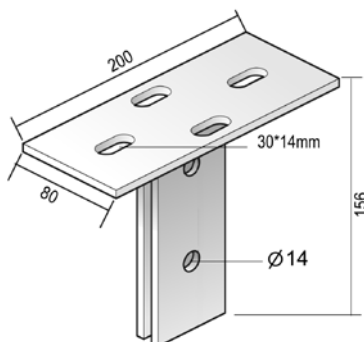
Standard finish

Polyvinyl chloride

| HD | Reference | ↑ mm | ↔ mm | ↔ mm | ↔ mm | kg/piece | ⊞ | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|----|-------|-------|
| - | PR 80 | 26 | 80 | - | - | 0.020 | 12 | ✓ | piece |

IPL 06

Headplate for IPN 80 SL



On Demand

Powder coating / Duplex System

Thickness head plate

6 mm

Standard finish

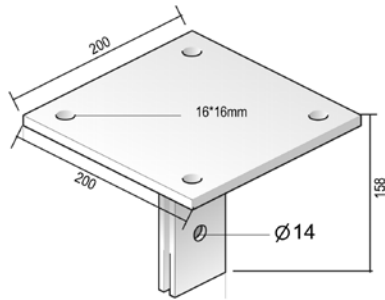
Hot-dip galvanised

| HD | Reference | ↑ mm | ↔ mm | ↔ mm | ↔ mm | kg/piece | ⊞ | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|---|-------|-------|
| - | IPL 06 | 155 | 80 | 6.000 | - | 1.280 | 6 | ✓ | piece |

To be fixed on IPN 80 SL with 2 bolts B 12*40 and nuts M 12.

IPL 10

Headplate for IPN 80 SL



On Demand Powder coating / Duplex System

Thickness head plate 10 mm

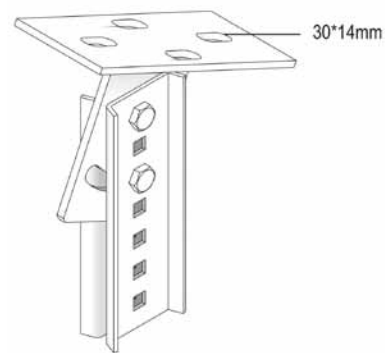
Standard finish Hot-dip galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|-----|-----|--------|----|----------|---|-------|-------|
| - | IPL 10 | 160 | 200 | 10.000 | - | 3.900 | 1 | ✓ | piece |

To be fixed on IPN 80 SL with 2 bolts B 12*40 and nuts M 12.

SKIPN

Hinged headplate for IPN 80 SL



To be mounted on IPN 80 SL profile, max. angle of 35°.

On Demand Powder coating / Duplex System

Standard finish Hot-dip galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|----|-------|-----|----------|---|-------|-------|
| - | SKIPN | - | - | 3.000 | 191 | 1.670 | 6 | ✓ | piece |

More technical specifications for this product can be found at the end of this chapter.

2x bolt HDB 10*30, 2x nut HDM 10 and 2x HDRO 10 inclusive.

KPIPn

Jointing piece for IPN 80 SL



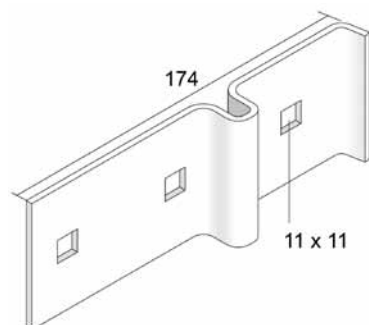
To joint straighten IPN 80 SL profiles.

On Demand Powder coating / Duplex System

Standard finish Hot-dip galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|----|-------|-----|----------|---|-------|-------|
| - | KPIPn | 67 | - | 3.000 | 191 | 0.370 | 6 | ✓ | piece |

Fixation set B 10*30, M 10 and RO 10 to be ordered separately.

DKIPN**Cross jointing plate for IPN 80 SL**

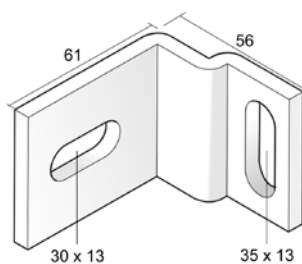
To joint squarely 2 IPN 80 SL profiles.

On Demand Powder coating / Duplex System

Standard finish Hot-dip galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|--------------|----|----|-------|----|----------|---|-------|-------|
| - | DKIPN | 60 | - | 3.000 | - | 0.270 | 6 | ✓ | piece |

Fixation set B 10*30, M 10 and RO 10 to be ordered separately.

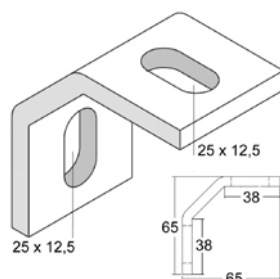
KIPN**Mounting piece IPN 80 SL**

To fix the IPN 80 SL profile on the wall.

On Demand Powder coating / Duplex System

Standard finish Hot-dip galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-------------|----|----|-------|----|----------|---|-------|-------|
| - | KIPN | - | - | 6.000 | - | 0.240 | 6 | ✓ | piece |

WVPIPN**Universal fixing for IPN 80 SL**

On Demand

Powder coating / Duplex System

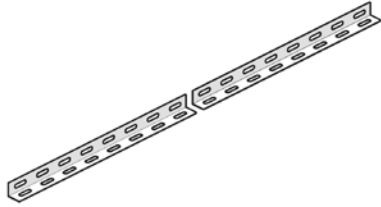
Standard finish

Hot-dip galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|---------------|----|----|-------|----|----------|----|-------|-------|
| - | WVPIPN | 65 | 65 | 6.500 | - | 0.190 | 50 | ✓ | piece |

L 25

L-profile



Groove holes of 25 x 7 mm with intervals of 50 mm.

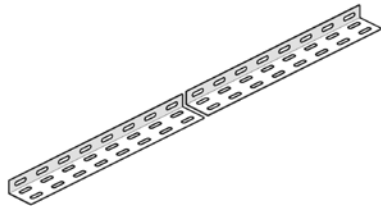
| | |
|-------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |
| Optional finish 1 | Hot-dip galvanised |

| HD | Reference | ↑ mm | ↔ mm | ↔ mm | ↔ mm | kg/m | ⊞ | Stock | Unit |
|----|-----------|---------|---------|---------|---------|-------|---|-------|------|
| HD | L 25*1.25 | 25 | 25 | 1.250 | 3000 | 0.400 | 3 | | m |
| HD | L 25*2.00 | 25 | 25 | 2.000 | 3000 | 0.670 | 3 | | m |

Groove holes of 25 x 7 mm with intervals of 50 mm.

L 25*50

L-profile



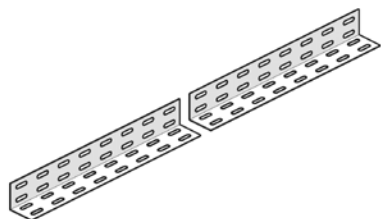
| | |
|-------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |
| Optional finish 1 | Hot-dip galvanised |

| HD | Reference | ↑ mm | ↔ mm | ↔ mm | ↔ mm | kg/m | ⊞ | Stock | Unit |
|----|--------------|---------|---------|---------|---------|-------|---|-------|------|
| HD | L 25*50*1.25 | 25 | 50 | 1.250 | 3000 | 0.820 | 3 | | m |
| HD | L 25*50*2.00 | 25 | 50 | 2.000 | 3000 | 1.000 | 3 | | m |

Groove holes of 25 x 7 mm with intervals of 50 mm.

L 50*50

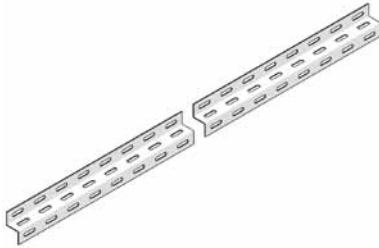
L-profile



| | |
|-------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |
| Optional finish 1 | Hot-dip galvanised |

| HD | Reference | ↑ mm | ↔ mm | ↔ mm | ↔ mm | kg/m | ⊞ | Stock | Unit |
|----|--------------|---------|---------|---------|---------|-------|---|-------|------|
| HD | L 50*50*1.25 | 50 | 50 | 1.250 | 3000 | 0.800 | 3 | | m |
| HD | L 50*50*2.00 | 50 | 50 | 2.000 | 3000 | 1.330 | 3 | | m |

Groove holes of 25 x 7 mm with intervals of 50 mm.

Z 25**Z-profile**

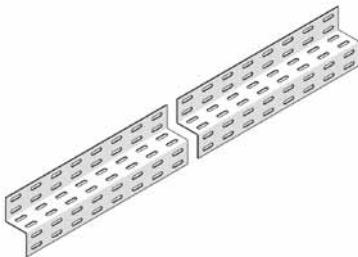
| | |
|-------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |
| Optional finish 1 | Hot-dip galvanised |

| HD | Reference | ↑ mm | ↔ mm | ↔ mm | ↔ mm | kg/m | ⊞ | Stock | Unit |
|----|------------------------|---------|---------|---------|---------|-------|---|-------|------|
| HD | Z 25*25*25*1.50 | 50 | 25 | 1.500 | 3000 | 0.730 | 3 | | m |

More technical specifications for this product can be found at the end of this chapter.

Profile dimensions : 25 x 25 x 25 mm.

Groove holes of 25 x 7 mm with intervals of 50 mm.

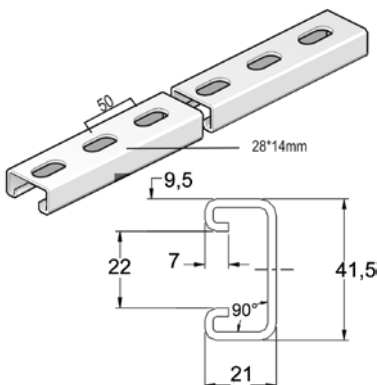
Z 50**Z-profile**

| | |
|-------------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Standard finish | Pre-galvanised |
| Optional finish 1 | Hot-dip galvanised |

| HD | Reference | ↑ mm | ↔ mm | ↔ mm | ↔ mm | kg/m | ⊞ | Stock | Unit |
|----|------------------------|---------|---------|---------|---------|-------|---|-------|------|
| HD | Z 50*50*50*1.50 | 100 | 50 | 1.500 | 3000 | 1.520 | 3 | | m |

Profile dimensions : 50 x 50 x 50 mm.

Groove holes of 25 x 7 mm with intervals of 50 mm.

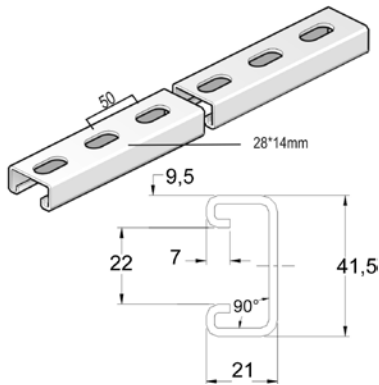
MP 41*21*2.50 SL**Assembly profile Hot dip**

| | |
|-----------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Profile opening | 22 mm |
| Standard finish | Hot-dip galvanised |

| HD | Reference | ↑ mm | ↔ mm | ↔ mm | ↔ mm | kg/m | ⊞ | Stock | Unit |
|----|---------------------------|---------|---------|---------|---------|-------|---|-------|------|
| - | MP 41*21*2.50*3 SL | 41 | 21 | 2.500 | 3000 | 1.850 | 1 | ✓ | m |
| - | MP 41*21*2.50*6 SL | 41 | 21 | 2.500 | 6000 | 1.850 | 1 | ✓ | m |

MPZ 41*21*2.50 SL

Assembly profile Sendzimir

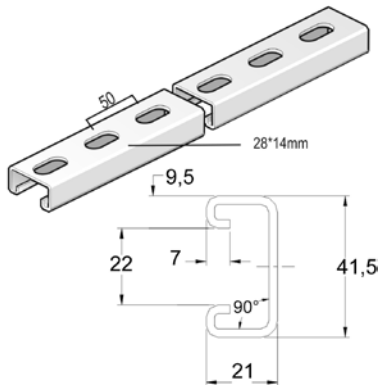


| | |
|-----------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Profile opening | 22 mm |
| Standard finish | Pre-galvanised |

| HD | Reference | mm | mm | mm | mm | kg/m | | Stock | Unit |
|----|---------------------|----|----|-------|------|-------|---|-------|------|
| - | MPZ 41*21*2.50*6 SL | 41 | 21 | 2.500 | 6000 | 1.660 | 1 | ✓ | m |

MPZ 41*21*1.50 SL

Assembly profile Sendzimir

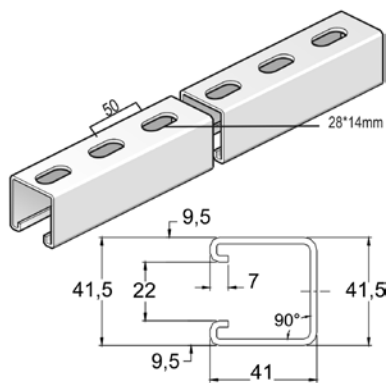


| | |
|-----------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Profile opening | 22 mm |
| Standard finish | Pre-galvanised |

| HD | Reference | mm | mm | mm | mm | kg/m | | Stock | Unit |
|----|---------------------|----|----|-------|------|-------|---|-------|------|
| - | MPZ 41*21*1.50*3 SL | 41 | 21 | 1.500 | 3000 | 1.130 | 1 | ✓ | m |

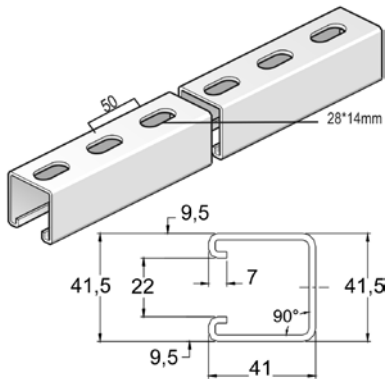
MP 41*41*2.50 SL

Assembly profile Hot dip



| | |
|-----------------|--------------------------------|
| On Demand | Powder coating / Duplex System |
| Profile opening | 22 mm |
| Standard finish | Hot-dip galvanised |

| HD | Reference | mm | mm | mm | mm | kg/m | | Stock | Unit |
|----|--------------------|----|----|-------|------|-------|---|-------|------|
| - | MP 41*41*2.50*3 SL | 41 | 41 | 2.500 | 3000 | 2.700 | 1 | ✓ | m |
| - | MP 41*41*2.50*6 SL | 41 | 41 | 2.500 | 6000 | 2.700 | 1 | ✓ | m |

MPZ 41*41*2.50 SL**Assembly profile**

On Demand

Powder coating / Duplex System

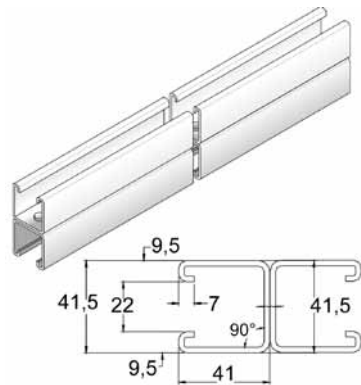
Profile opening

22 mm

Standard finish

Pre-galvanised

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/m | ⊞ | Stock | Unit |
|----|---------------------|---------|---------|---------|---------|-------|---|-------|------|
| - | MPZ 41*41*2.50*6 SL | 41 | 41 | 2.500 | 6000 | 2.530 | 1 | ✓ | m |

MP 41*41*2.50 DGL**Double assembly profile Hot dip**

On Demand

Powder coating / Duplex System

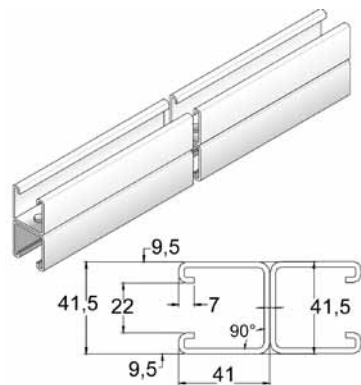
Profile opening

22 mm

Standard finish

Hot-dip galvanised

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/m | ⊞ | Stock | Unit |
|----|---------------------|---------|---------|---------|---------|-------|---|-------|------|
| - | MP 41*41*2.50*6 DGL | 82 | 41 | 2.500 | 6000 | 5.330 | 1 | ✓ | m |

MPZ 41*41*2.50 DGL**Double assembly profile**

On Demand

Powder coating / Duplex System

Profile opening

22 mm

Standard finish

Pre-galvanised

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/m | ⊞ | Stock | Unit |
|----|----------------------|---------|---------|---------|---------|-------|---|-------|------|
| - | MPZ 41*41*2.50*6 DGL | 82 | 41 | 2.500 | 6000 | 5.330 | 1 | ✓ | m |

VS 41

Assembly accessories



On Demand

Powder coating / Duplex System

Standard finish

Hot-dip galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|----|-------|----|----------|----|-------|-------|
| - | VS 41*01 | - | 40 | 5.000 | - | 0.130 | 24 | ✓ | piece |
| - | VS 41*02 | - | 40 | 5.000 | - | 0.190 | 24 | ✓ | piece |
| - | VS 41*03 | - | 40 | 5.000 | - | 0.260 | 24 | ✓ | piece |
| - | VS 41*04 | - | 40 | 5.000 | - | 0.320 | 24 | ✓ | piece |
| - | VS 41*05 | - | 40 | 5.000 | - | 0.130 | 24 | ✓ | piece |
| - | VS 41*06 | - | 40 | 5.000 | - | 0.190 | 24 | ✓ | piece |
| - | VS 41*07 | - | 40 | 5.000 | - | 0.200 | 24 | ✓ | piece |
| - | VS 41*08 | - | 40 | 5.000 | - | 0.260 | 24 | ✓ | piece |
| - | VS 41*09 | - | 40 | 5.000 | - | 0.190 | 24 | ✓ | piece |
| - | VS 41*10 | - | 40 | 5.000 | - | 0.160 | 24 | ✓ | piece |
| - | VS 41*12 | - | 40 | 5.000 | - | 0.260 | 12 | ✓ | piece |
| - | VS 41*13 | - | 40 | 5.000 | - | 0.320 | 12 | ✓ | piece |
| - | VS 41*14 | - | 40 | 5.000 | - | 0.460 | 12 | ✓ | piece |
| - | VS 41*16 | - | 40 | 5.000 | - | 0.270 | 12 | ✓ | piece |
| - | VS 41*17 | - | 40 | 5.000 | - | 0.240 | 12 | ✓ | piece |
| - | VS 41*18 | - | 40 | 5.000 | - | 0.210 | 12 | ✓ | piece |
| - | VS 41*19 | - | 40 | 5.000 | - | 0.270 | 12 | ✓ | piece |
| - | VS 41*20 | - | 40 | 5.000 | - | 0.350 | 12 | ✓ | piece |
| - | VS 41*25 | - | 40 | 5.000 | - | 0.250 | 12 | ✓ | piece |
| - | VS 41*26 | - | 40 | 5.000 | - | 0.360 | 12 | ✓ | piece |
| - | VS 41*27 | - | 40 | 5.000 | - | 0.290 | 12 | ✓ | piece |
| - | VS 41*28 | - | 40 | 5.000 | - | 0.290 | 12 | ✓ | piece |
| - | VS 41*31 | - | 40 | 5.000 | - | 0.340 | 12 | ✓ | piece |
| - | VS 41*36 | - | 40 | 5.000 | - | 0.210 | 12 | ✓ | piece |
| - | VS 41*37 | - | 40 | 5.000 | - | 0.470 | 12 | ✓ | piece |
| - | VS 41*38 | - | 40 | 5.000 | - | 0.640 | 12 | ✓ | piece |
| - | VS 41*39 | - | 40 | 5.000 | - | 0.920 | 12 | ✓ | piece |
| - | VS 41*41 | - | 40 | 5.000 | - | 0.370 | 12 | ✓ | piece |
| - | VS 41*42 | - | 40 | 5.000 | - | 0.330 | 12 | ✓ | piece |
| - | VS 41*43 | - | 40 | 8.000 | - | 0.200 | 12 | ✓ | piece |
| - | VS 41*44 | - | 40 | 5.000 | - | 0.110 | 12 | ✓ | piece |

More technical specifications for this product can be found at the end of this chapter.

VS 41*41 / VS 41*42: Bolt PB 10*40 inclusive.

TIM

Threaded rod (DIN 975)



Standard finish

Electro zinc-plated

| Reference | Max. load (in daN) |
|-----------|--------------------|
| TIM 6 | 300 |
| TIM 8 | 550 |
| TIM 10 | 900 |
| TIM 12 | 1300 |

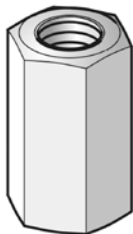
| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/m | ⊞ | Stock | Unit |
|----|-----------|---------|---------|---------|---------|-------|----|-------|------|
| - | TIM 6 | - | - | M6 | 2000 | 0.170 | 50 | ✓ | m |
| - | TIM 8 | - | - | M8 | 2000 | 0.310 | 20 | ✓ | m |
| - | TIM 10 | - | - | M10 | 2000 | 0.460 | 20 | ✓ | m |
| - | TIM 12 | - | - | M12 | 2000 | 0.700 | 10 | ✓ | m |

To fix with:

| | | | | | | | | | |
|----|-------|---|---|-----|---|-------|-----|---|-------|
| HD | M 8 | - | - | M8 | - | 0.010 | 250 | ✓ | piece |
| HD | M 10 | - | - | M10 | - | 0.010 | 250 | ✓ | piece |
| HD | M 12 | - | - | M12 | - | 0.020 | 250 | ✓ | piece |
| HD | RO 12 | - | - | M12 | - | 0.010 | 250 | ✓ | piece |
| HD | RO 8 | - | - | M8 | - | 0.010 | 250 | ✓ | piece |
| HD | RO 10 | - | - | M10 | - | 0.010 | 250 | ✓ | piece |

VM 6334

Coupling nut (DIN 6334)



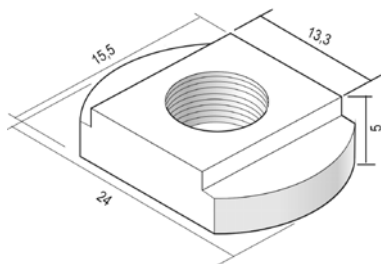
Standard finish

Electro zinc-plated

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | ⊞ | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|----|-------|-------|
| - | VM 6 | 18 | - | M6 | - | 0.010 | 48 | ✓ | piece |
| - | VM 8 | 24 | - | M8 | - | 0.020 | 48 | ✓ | piece |
| - | VM 10 | 30 | - | M10 | - | 0.040 | 48 | ✓ | piece |
| - | VM 12 | 36 | - | M12 | - | 0.060 | 48 | ✓ | piece |

GM

Sliding nut for supporting profile



Standard finish

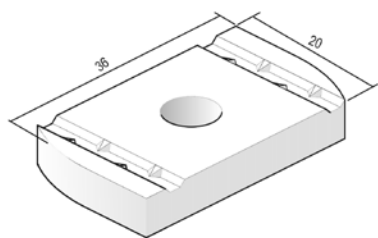
Electro zinc-plated

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | ⊞ | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|----|-------|-------|
| - | GM 6 | - | - | M6 | - | 0.010 | 48 | ✓ | piece |
| - | GM 8 | - | - | M8 | - | 0.010 | 48 | ✓ | piece |

Fits in the rung of the cable ladder KL.

GM 41

Sliding nut for supporting profile



For stepless fixation of the brackets on the ceiling profiles.

Standard finish Electro zinc-plated

Optional finish 1 Hot-dip galvanised

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|------------|----|----|-----|----|----------|----|-------|-------|
| HD | GM 41 M 6 | - | - | M6 | - | 0.030 | 48 | ✓ | piece |
| HD | GM 41 M 8 | - | - | M8 | - | 0.030 | 48 | ✓ | piece |
| HD | GM 41 M 10 | - | - | M10 | - | 0.040 | 48 | ✓ | piece |
| HD | GM 41 M 12 | - | - | M12 | - | 0.040 | 48 | ✓ | piece |

Used with the profiles MP 41*21 and MP 41*41.

GMV 41

Sliding nut spring supporting profile

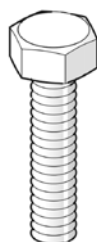


Standard finish Electro zinc-plated

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-------------|----|----|-----|----|----------|----|-------|-------|
| - | GMV 41 M 6 | - | - | M6 | - | 0.030 | 48 | ✓ | piece |
| - | GMV 41 M 8 | - | - | M8 | - | 0.030 | 48 | ✓ | piece |
| - | GMV 41 M 10 | - | - | M10 | - | 0.040 | 48 | ✓ | piece |
| - | GMV 41 M 12 | - | - | M12 | - | 0.040 | 48 | ✓ | piece |

B

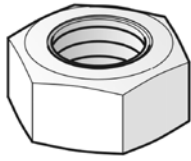
Bolt (DIN 933)



Standard finish Electro zinc-plated

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-----------|----|----|-----|----|----------|-----|-------|-------|
| - | B 6*20 | - | - | M6 | 20 | 0.005 | 250 | ✓ | piece |
| - | B 6*30 | - | - | M6 | 30 | 0.008 | 250 | ✓ | piece |
| HD | B 8*20 | - | - | M8 | 20 | 0.012 | 250 | ✓ | piece |
| HD | B 8*30 | - | - | M8 | 30 | 0.015 | 250 | ✓ | piece |
| HD | B 8*40 | - | - | M8 | 40 | 0.018 | 250 | ✓ | piece |
| HD | B 8*50 | - | - | M8 | 50 | 0.022 | 250 | ✓ | piece |
| HD | B 8*70 | - | - | M8 | 70 | 0.028 | 250 | ✓ | piece |
| HD | B 10*20 | - | - | M10 | 20 | 0.022 | 250 | ✓ | piece |
| HD | B 10*30 | - | - | M10 | 30 | 0.026 | 250 | ✓ | piece |
| HD | B 10*40 | - | - | M10 | 40 | 0.030 | 250 | ✓ | piece |
| HD | B 12*20 | - | - | M12 | 20 | 0.030 | 250 | ✓ | piece |
| HD | B 12*30 | - | - | M12 | 30 | 0.039 | 250 | ✓ | piece |
| HD | B 12*40 | - | - | M12 | 40 | 0.045 | 250 | ✓ | piece |
| HD | B 12*50 | - | - | M12 | 50 | 0.055 | 250 | ✓ | piece |

To order per 250 pieces.

M**Nut (DIN 934)**

Standard finish

Electro zinc-plated

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-------------|---------|---------|---------|---------|----------|-----|-------|-------|
| - | M 6 | - | - | M6 | - | 0.010 | 250 | ✓ | piece |
| HD | M 8 | - | - | M8 | - | 0.010 | 250 | ✓ | piece |
| HD | M 10 | - | - | M10 | - | 0.010 | 250 | ✓ | piece |
| HD | M 12 | - | - | M12 | - | 0.020 | 250 | ✓ | piece |

According to EN 024-034.
To order per 250 pieces.

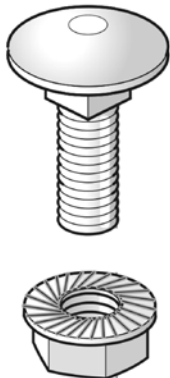
VM**Nut and Bolt**

Standard finish

Electro zinc-plated

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------------|---------|---------|---------|---------|----------|-----|-------|-------|
| - | VM 4*40 | - | - | M4 | 40 | 0.010 | 250 | ✓ | piece |
| HD | VM 6*10 | - | - | M6 | 10 | 0.010 | 250 | ✓ | piece |
| HD | VM 6*20 | - | - | M6 | 20 | 0.010 | 250 | ✓ | piece |
| - | VM 6*50 | - | - | M6 | 50 | 0.020 | 250 | ✓ | piece |
| - | VM 8*16 | - | - | M8 | 16 | 0.010 | 250 | ✓ | piece |
| - | VM 10*50 | - | - | M10 | 50 | 0.050 | 250 | ✓ | piece |

According to DIN 50 961.
To order per 250 pieces.

VMK**Toothed round head bolt/nut**

Standard finish

Electro zinc-plated

Optional finish 1

Hot-dip galvanised

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------------|---------|---------|---------|---------|----------|-----|-------|-------|
| HD | VMK 6*10 | - | - | M6 | - | 0.010 | 250 | ✓ | piece |
| - | VMK 8*15 | - | - | M8 | - | 0.020 | 250 | ✓ | piece |

To order per 250 pieces.

RB

Bolt



Standard finish

Electro zinc-plated

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|----------------|----|----|----|----|----------|-----|-------|-------|
| - | RB 6*10 | - | - | M6 | 10 | 0.010 | 250 | | piece |

To order per 250 pieces.

RM

Flange nut (DIN 6923)



Standard finish

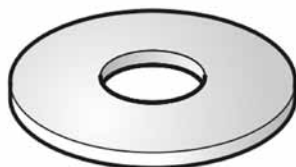
Electro zinc-plated

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|-------------|----|----|----|----|----------|-----|-------|-------|
| - | RM 6 | - | - | M6 | - | 0.010 | 250 | | piece |

To order per 250 pieces.

CRO

Flat giant washer (DIN 9021)



Standard finish

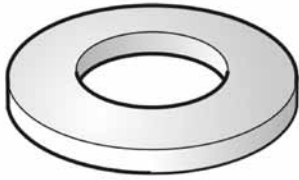
Electro zinc-plated

| HD | Reference | mm | mm | mm | mm | kg/piece | | Stock | Unit |
|----|---------------|----|----|-----|----|----------|-----|-------|-------|
| - | CRO 6 | - | - | M6 | - | 0.010 | 250 | ✓ | piece |
| HD | CRO 8 | - | - | M8 | - | 0.008 | 250 | ✓ | piece |
| HD | CRO 10 | - | - | M10 | - | 0.011 | 250 | ✓ | piece |
| HD | CRO 12 | - | - | M12 | - | 0.023 | 250 | ✓ | piece |

To order per 250 pieces.

RO

Giant washer (DIN 125-1 A)



Standard finish

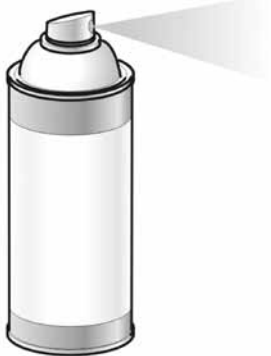
Electro zinc-plated

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|-----|-------|-------|
| - | RO 4 | - | - | M4 | - | 0.010 | 250 | ✓ | piece |
| - | RO 6 | - | - | M6 | - | 0.010 | 250 | ✓ | piece |
| HD | RO 8 | - | - | M8 | - | 0.010 | 250 | ✓ | piece |
| HD | RO 10 | - | - | M10 | - | 0.010 | 250 | ✓ | piece |
| HD | RO 12 | - | - | M12 | - | 0.010 | 250 | ✓ | piece |

To order per 250 pieces.

VSZ

Galvaspray 400 ml



Standard finish

Zinc

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/piece | 📦 | Stock | Unit |
|----|-----------|---------|---------|---------|---------|----------|---|-------|-------|
| - | VSZ | - | - | - | - | 0.450 | 2 | ✓ | piece |

RBS

Edge protection

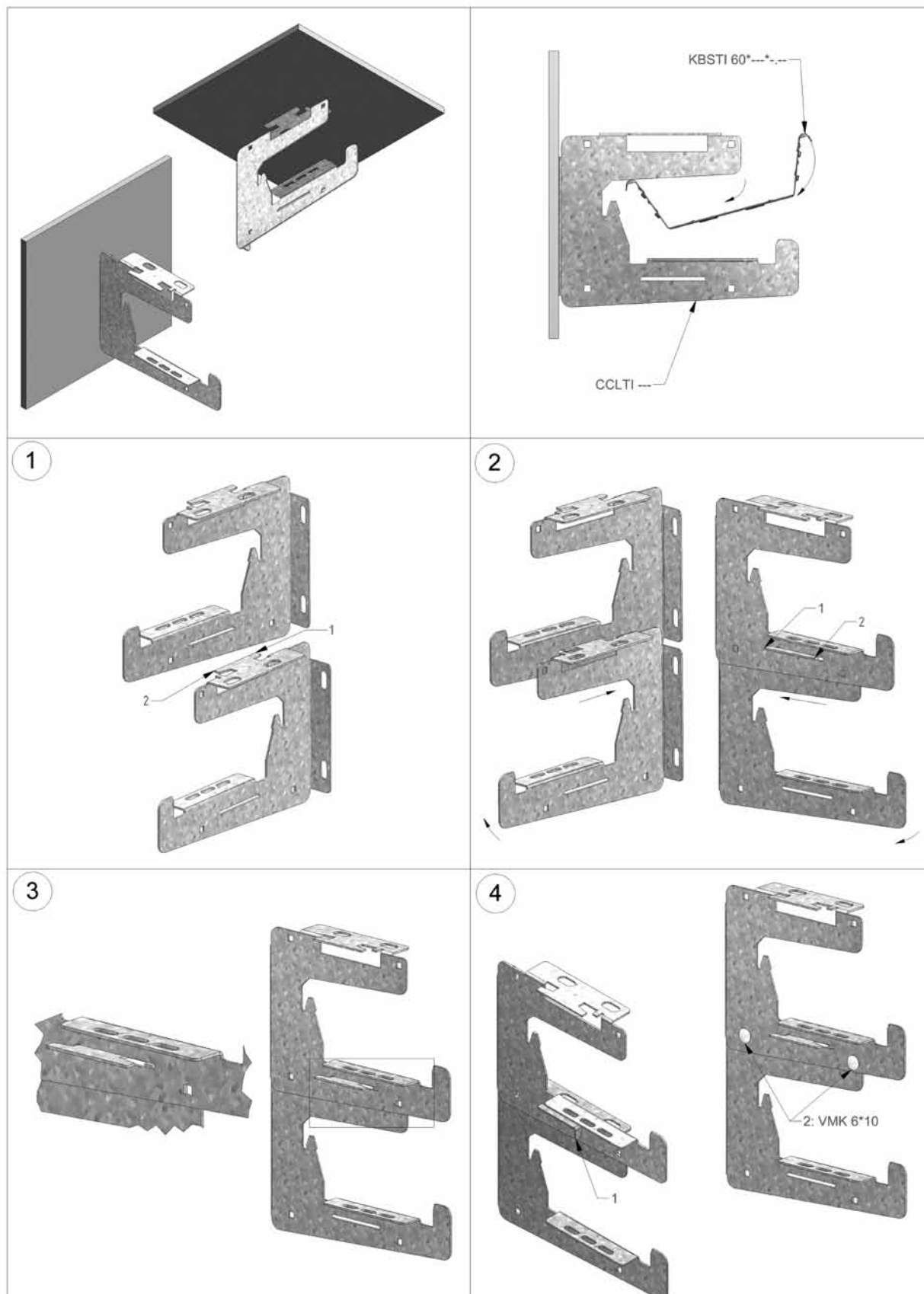


Standard finish

| HD | Reference | ↑ mm | ↔ mm | ↗ mm | ↘ mm | kg/m | 📦 | Stock | Unit |
|----|---------------|---------|---------|---------|---------|-------|-----|-------|------|
| - | RBS 0.75*2.50 | - | - | - | - | 0.035 | 100 | ✓ | m |

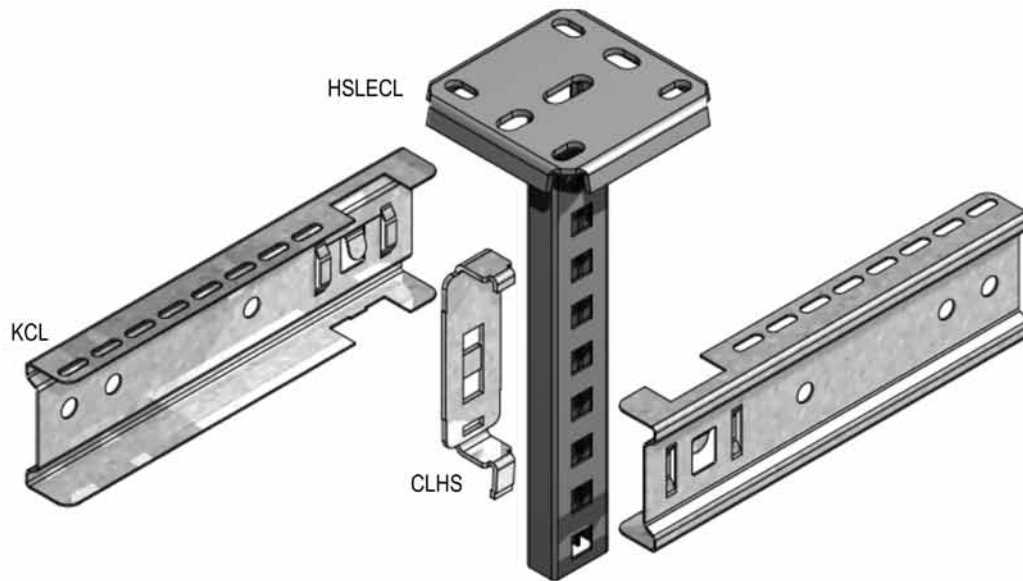
CCLTI

Mounting principle



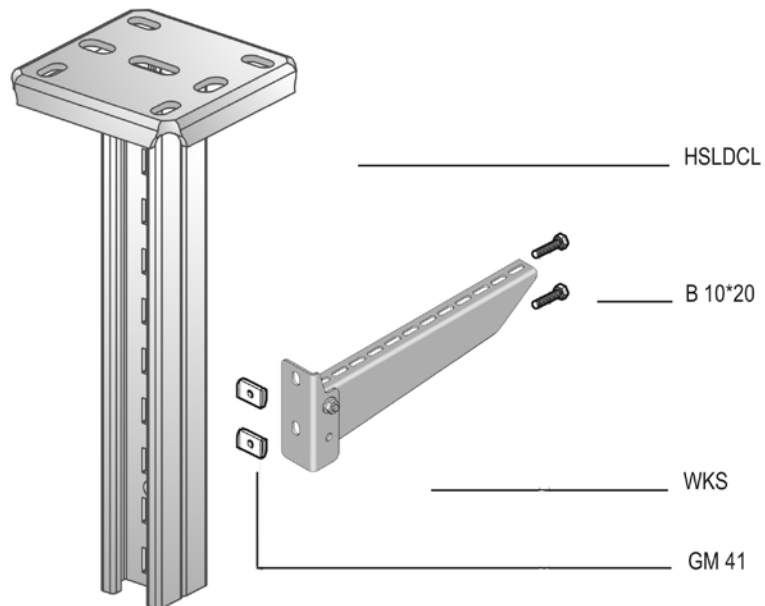
HSLECL

Mounting principle



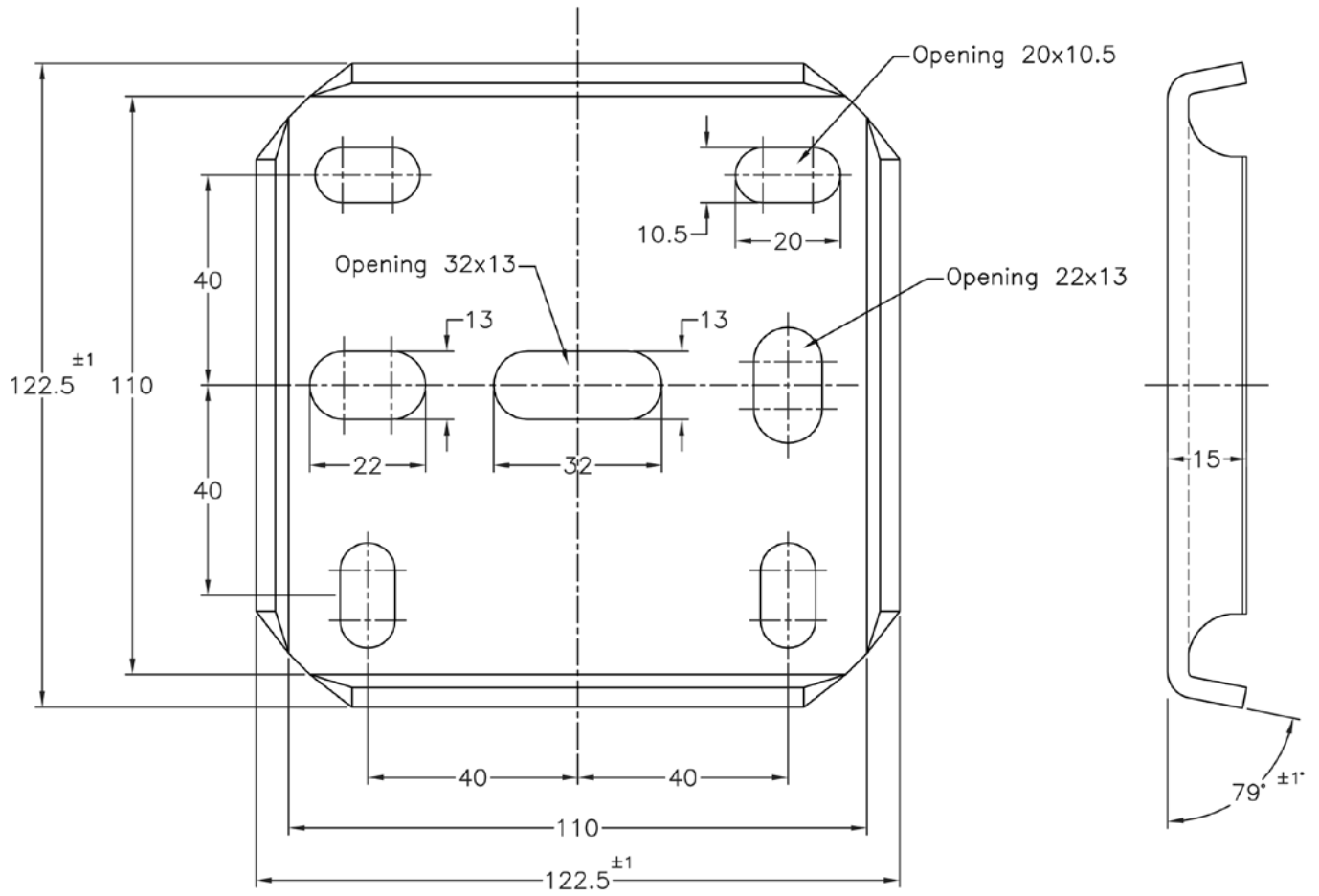
HSLDCL

Mounting principle



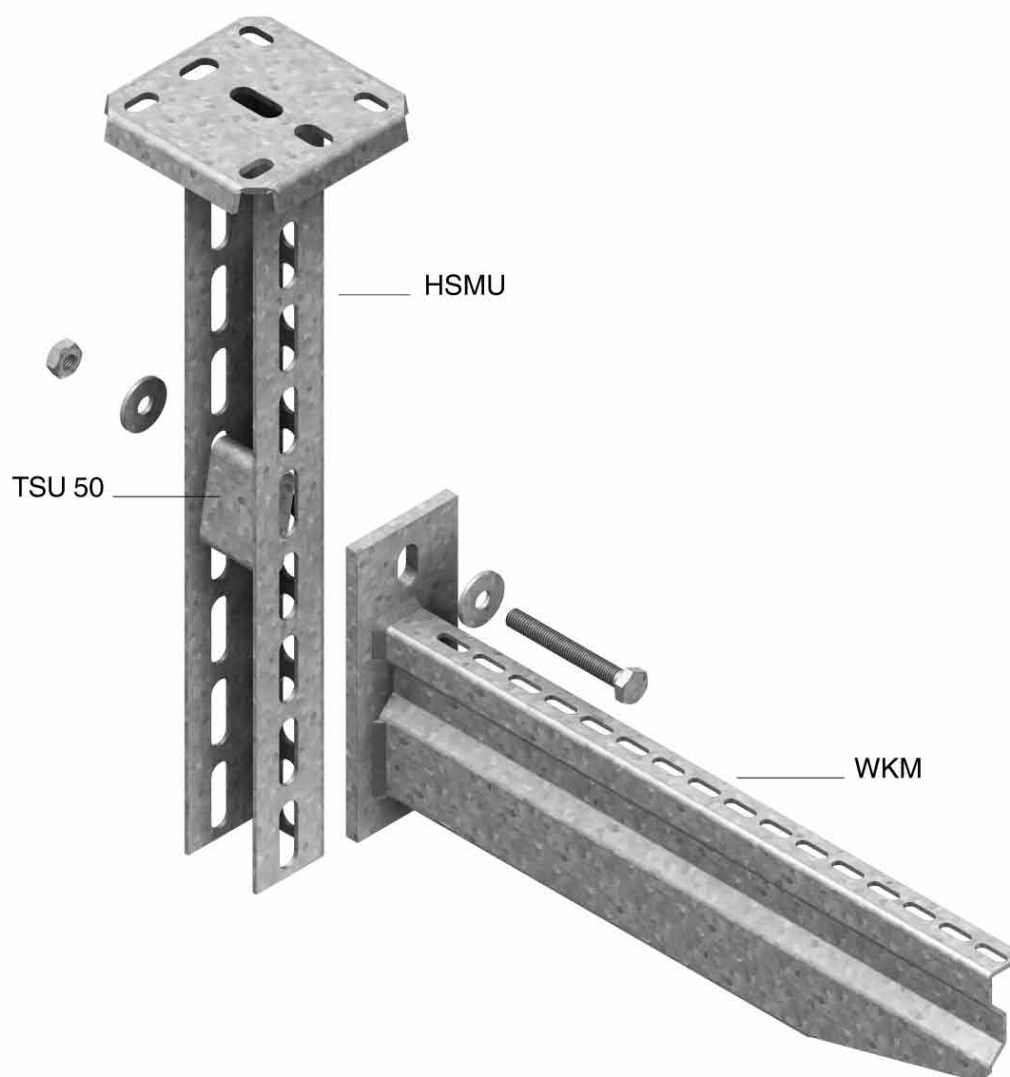
HSME

Mounting principle



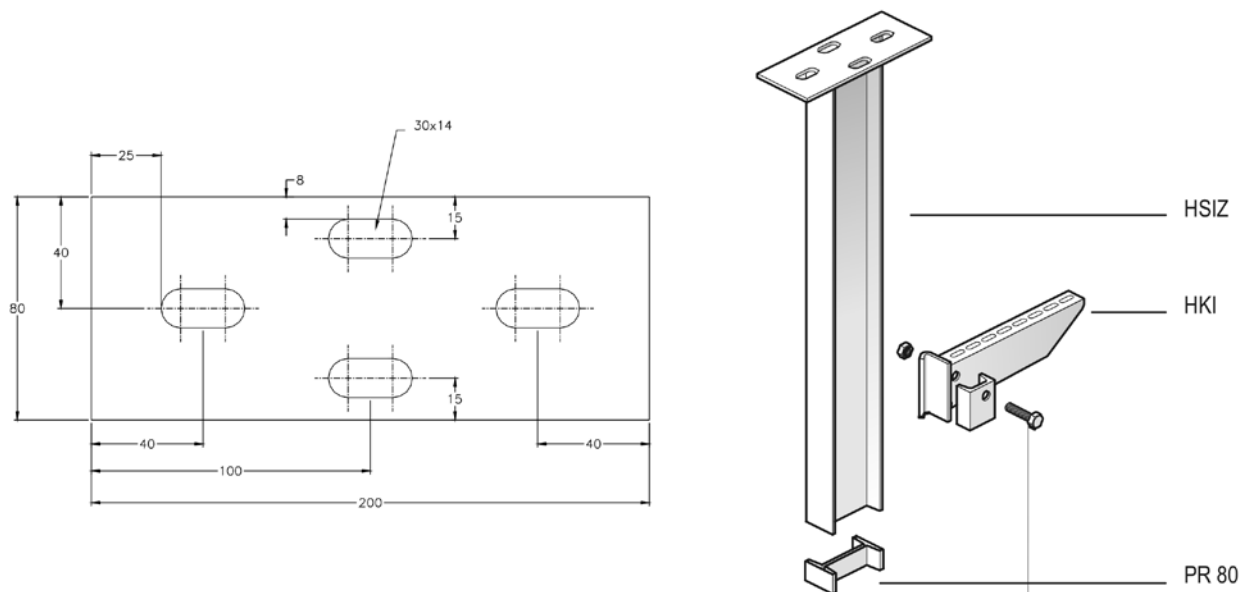
HSMU

Mounting principle



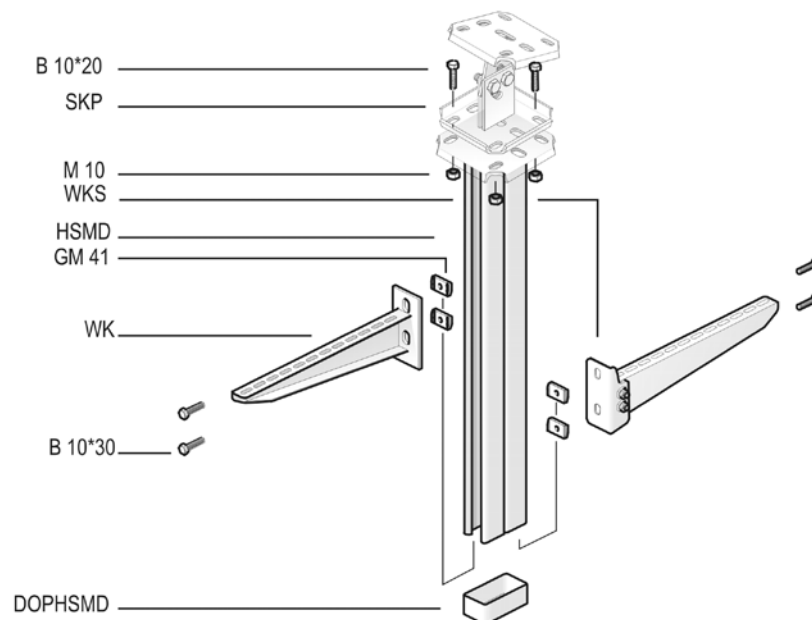
HSIZ

Mounting principle



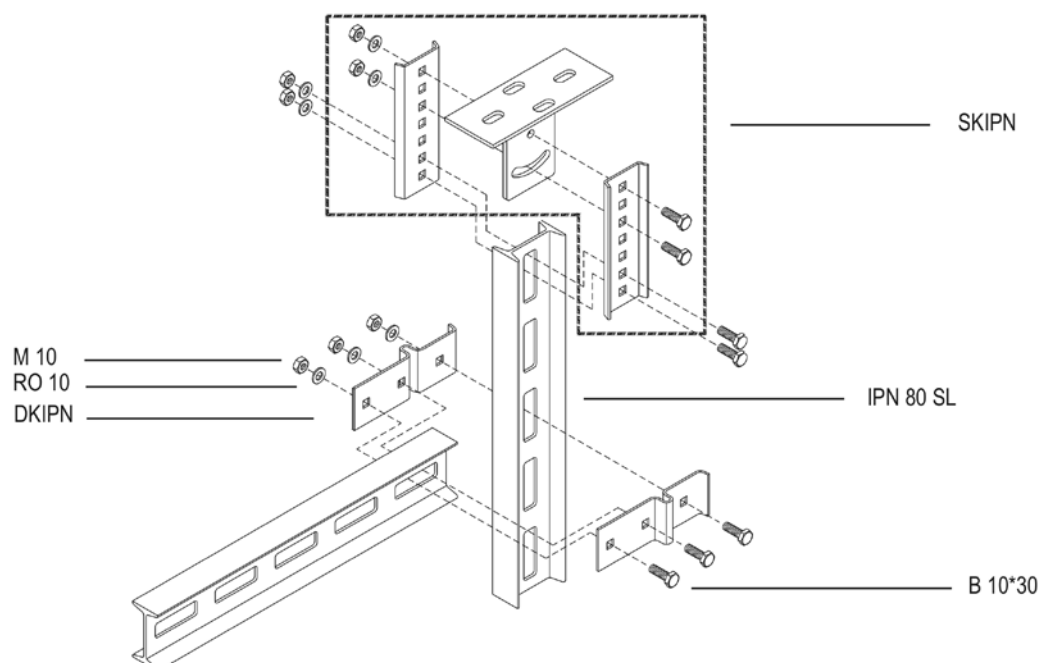
SKP

Mounting principle



SKIPN

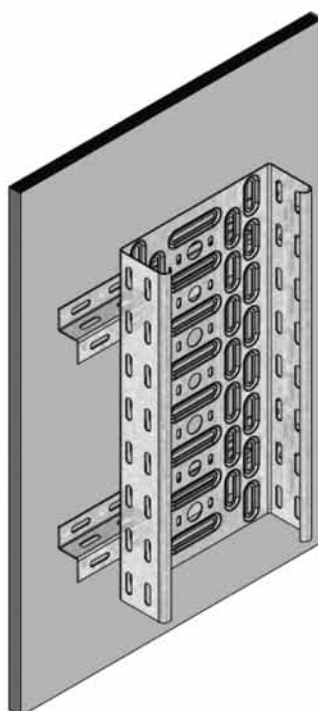
Mounting principle



5

Z 25

Mounting principle



VS 41

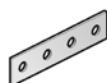
Mounting principle



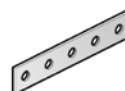
VS 41*01



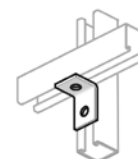
VS 41*02



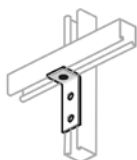
VS 41*03



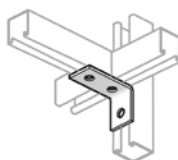
VS 41*04



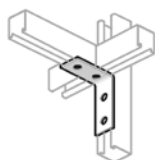
VS 41*05



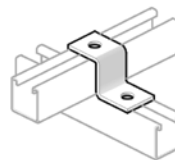
VS 41*06



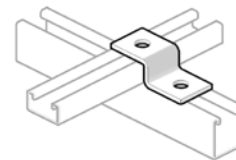
VS 41*07



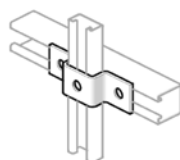
VS 41*08



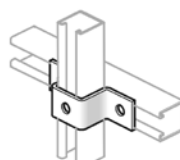
VS 41*09



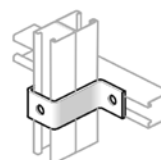
VS 41*10



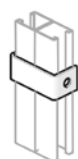
VS 41*12



VS 41*13



VS 41*14



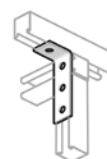
VS 41*16



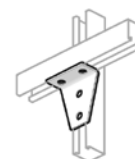
VS 41*17



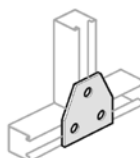
VS 41*18



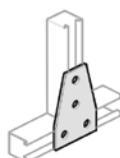
VS 41*19



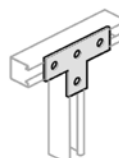
VS 41*20



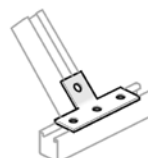
VS 41*25



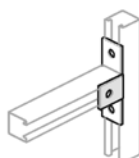
VS 41*26



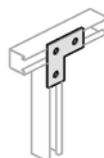
VS 41*27



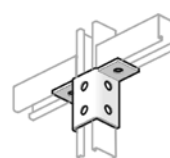
VS 41*28



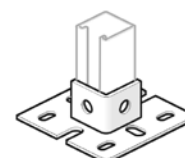
VS 41*31



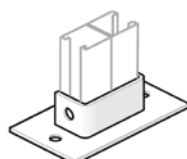
VS 41*36



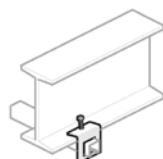
VS 41*37



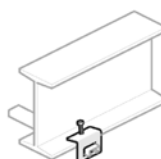
VS 41*38



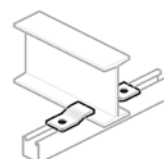
VS 41*39



VS 41*41



VS 41*42



VS 41*43



VS 41*44