

## ADVANTAGES OF SUPPORT AND MOUNTING ELEMENTS

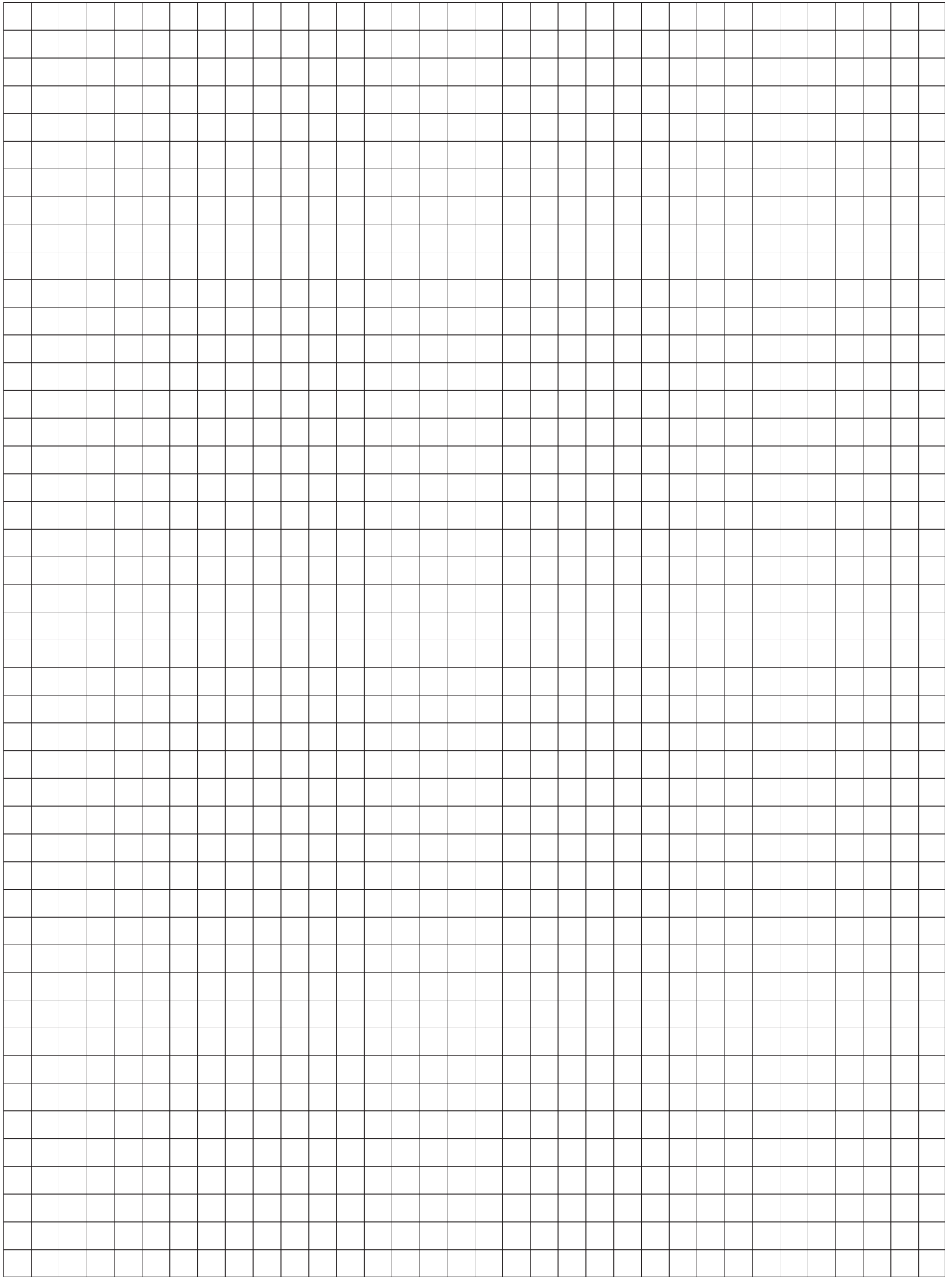
The system of support and mounting elements is extensive enough to provide the desired solution in any type of investment project. Channels and other profiles are used as suspensions, support elements, substructures for the installation of cable routes, hydraulic systems, ventilation systems in residential buildings, shopping malls, subways, sporting facilities and in heavy industry environments.

1. Available profiles: Z-sections, channels, angles, DIN rails, flat bars.
2. A wide range of sections (from 28x10 mm to 100x100 mm; sheet thickness from 1.0 mm to 6 mm, sections of 2; 3; 6 m) facilitates selection for specific applications.
3. For most channels, there are dedicated angle connectors, branching connectors that enable the construction of any installation support structures, spatial or flat support frames for various types of equipment and installations.
4. Our offer includes a set of fasteners (bolts, nuts, washers and special screws and nuts).
5. DIN rails made according to the standard so that electrical equipment and accessories can be installed without problems.
6. Additional reinforcements in the support channels increase their strength.
7. Dense perforation for multiple possibilities of bolting sections together and matching with other BAKS products such as bases and brackets.
8. Can be powder coated in any RAL colour.
9. Ensured electrical continuity of all types of C, CW, CM and CTM channels and all tray dimensions confirmed by VDE certificates according to standards: PN-EN 61537:2007, DIN EN 61537:2007-9.
10. New thin-walled tubing system with connectors, elbows and fasteners to allow fully shielded cable routing.
11. Roof bases and feet for routing cable routes and installing other equipment on roofs without interfering with the covering material.
12. Strength parameters confirmed by empirical tests.
13. Calculation modules on the website - ability to quickly and optimally select sections based on load and dimensions.
14. It is possible to manufacture sections in various coatings and materials: Sendzimir method galvanised steel according to PN-EN 10346:2015-09 (coating thickness approx. 19 µm), hot-dip galvanised steel according to PN-EN ISO 1461:2023-02 (up to 100 µm), Magnelis-coated steel (zinc-magnesium-aluminium coating) according to PN-EN 10346:2015-09, flake-galvanised steel according to PN-EN ISO 10683:2018-11, powder-coated galvanised steel, stainless steel 1.4301, 1.4044, 1.4571 (AISI grades: 304, 304L, 316, 316L, 316Ti and others), thanks to such a wide range of materials and coatings. there is unlimited possibility of application in any environment
15. Fully automated production process of sections - thus ensuring high quality and repeatability of production with the precision of 0.1 mm
16. Technology and production quality at the highest level globally, thanks to the use of machinery from the best manufacturers on the market
17. We produce from high quality materials, sheet metal, manufactured in Western European steel mills (Arcelor Mittal Eisenhüttenstadt, Arcelor Mittal Bremen, Arcelor Mittal Liege, Arcelor Mittal Gent) - high quality materials guarantee trouble-free and fast installation, long service life, uniform appearance of all products as well as conformity with safety standards in accordance with obtained certificates
18. Design and production of unusual, non-standard sections - any length, width, height, perforation, thickness, type of material and use of any colour do not limit the possibilities in creating aesthetically pleasing and innovative solutions. We are flexible and open to customer needs
19. All production located in one place and our own hot-dip galvanising plant, flake galvanising plant and powder coating plant - this allows us to fully control the entire production process, maintain the highest quality of the product and fulfil customer orders within expedited lead times
20. We cooperate with leading cable manufacturers and jointly carry out E90 fire resistance tests according to DIN 4102-12 and seismic tests according to EUROCODE 8 (vibration resistance)
21. BAKS has been specialising in the production of cable routes for 36 years. Our extensive experience enables the design and manufacture of customised support structures and cable routes for use in all weather conditions
22. For each large project, we dedicate at least 1 engineer, as technical support
23. We organise free product training for designers, salespersons and fitters at BAKS production facility or at the customer's site at a convenient time
24. We boast recommendations from customers for many completed investments in Poland and Western Europe




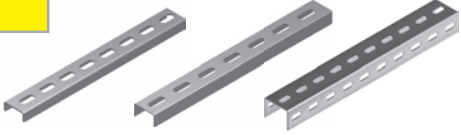
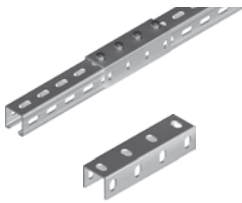
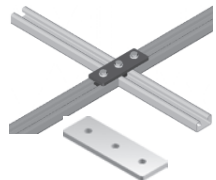

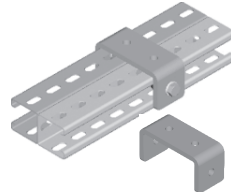




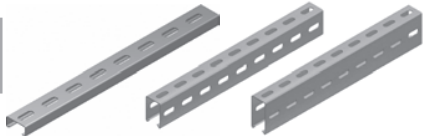







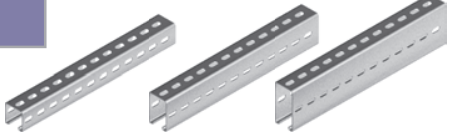







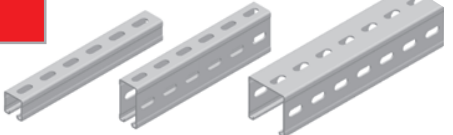








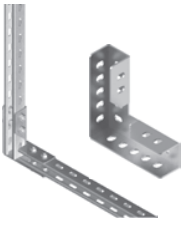
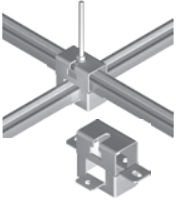

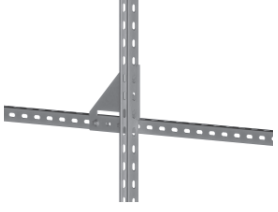

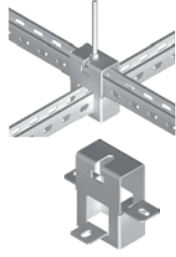


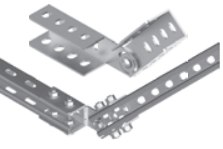








25. We equip retail outlets with: sample boards, stands with catalogues and advertising materials, banners.
26. All the necessary certificates and approvals for support and mounting elements:
- TÜV Rheinland certification for mechanical strength
  - TÜV Rheinland and VDE certification for electrical continuity
  - National Technical Assessment, Certificate of Constancy of Performance and CNBOP-PIB (Scientific and Research Centre for Fire Protection – National Research Institute) Certificate of Approval (except KA trays) confirming compliance with E90 system requirements according to DIN 4101-12
  - TÜV Rheinland certification confirming compliance of the production quality management system with the ISO 9001:2015 standard
  - TÜV Rheinland certification confirming compliance of the Environmental Management System with the ISO 14001:2015 standard
  - EC Declaration of Conformity
  - Test report on cable routes in seismic environment No. 5214'015'167 in accordance with SIA 261 and EUROCODE 8 standards, carried out at the Swiss material testing institute Empa



OVERVIEW OF COMPONENTS FOR THE ASSEMBLY WITH CHANNELS

TYPES OF CHANNELS

|   | JOINING CHANNELS   |  |  |
|---|--|--|--|
|   | Connectors   | Connectors   | Connectors   |
| <p><b>C...</b></p>   <p>C...28H12, C...40H20, C...40H35, C...40H40, C...50H35, C...55H50, C...60H40, C...70H50<br/>Thickness: 1,2; 1,5; 2,0; 3,0; 4,0; 5,0 mm</p>   | <p>LC...<br/>LCW...<br/>LCM...<br/>LCT...<br/>LCV...</p>                    | <p>LCP...</p>  <p>LCK...</p>  <p>LCO...</p>  | <p>LCTV1</p>  <p>LCTV2</p>  <p>LCTV3</p>    |
| <p><b>CW...</b></p>   <p>CW...20H10, CW...30H30, CW...40H22, CW...40H35, CW...40H40<br/>Thickness: 1,2; 1,5; 2,0; 3,0 mm</p>  | <p>For the assembly use Screw Sets<br/>SGKM8x14<br/>or<br/>SGKM10x20</p>  | <p>For the assembly use Screw Sets<br/>SRM8x25<br/>SRM10x30</p>  <p>or</p> <p>SMHM8x25<br/>SMHM10x30</p>                     | <p>For the assembly use Screw Sets<br/>SRM10x30</p>  <p>or</p> <p>SMHM10x30</p>  <p>with</p> <p>PP10 and NSM10</p>  |
| <p><b>CM...</b></p>   <p>CMM...40H40, CM...40H60, CM...41H21, CM...41H41, CM...41H42, CM...41H82, CM...50H30, CM...50H50, CM...40H80, CM...50H100, CM...80H80, CM...100H100<br/>Thickness: 1,2; 1,5; 2,0; 2,5; 3,0 mm</p> | <p>For the assembly use Screw Sets<br/>SGKM8x14<br/>or<br/>SGKM10x20</p>  | <p>For the assembly use Screw Sets<br/>SRM8x25<br/>SRM10x30</p>  <p>or</p> <p>SMHM8x25<br/>SMHM10x30</p>                     | <p>For the assembly use Screw Sets<br/>SRM10x30</p>  <p>or</p> <p>SMHM10x30</p>  <p>with</p> <p>PP10 and NSM10</p>  |
| <p><b>CTM...</b></p>   <p>CTM...40H40, CTM...40H60, CTM...40H80, CTM...50H50, CTM...80H80, CTM...100H100<br/>Thickness: 2,0; 3,0 mm</p>   | <p>For the assembly use Screw Sets<br/>SGKM8x14<br/>or<br/>SGKM10x20</p>  | <p>For the assembly use Screw Sets<br/>SRM8x25<br/>SRM10x30</p>  <p>or</p> <p>SMHM8x25<br/>SMHM10x30</p>                     | <p>For the assembly use Screw Sets<br/>SRM10x30</p>  <p>or</p> <p>SMHM10x30</p>  <p>with</p> <p>PP10 and NSM10</p>  |

| JOINING CHANNELS   |  |  |  |
|--|--|--|--|
| Connectors   | Cross Connectors   | Base Plates  | Corner Connector   |
| <p><b>LWK90</b></p>   | <p><b>LK22</b></p>    | <p><b>PVC</b></p>    | <p><b>UNW</b></p>   |
| <p><b>LWK45</b></p>   | <p><b>LK40</b></p>    | <p><b>PVK</b></p>    |   |
| <p><b>LWP</b></p>   |  |  |  |
| <p>For the assembly use Screw Sets<br/>SGKM10x20</p>                          | <p>For the assembly use Screw Sets<br/>SGKM10x20</p>    | <p>For the assembly use Screw Sets<br/>SGKM10x20</p>                             | <p>For the assembly use Screw Sets<br/>SGKM10x20</p>                          |
| <p>Note!<br/>Connectors can be used only with channels 40 and 41 mm wide</p>  | <p>Note!<br/>Connectors can be used only with channels 40 and 41 mm wide</p>  <p>Łącznik krzyżowy LK22 pasuje do ceowników:<br/>CW...40H22<br/>CM...41H21</p> <p>Łącznik krzyżowy LK40 pasuje do ceowników:<br/>CW...40H40<br/>CM...41H41<br/>CTM...40H40</p> | <p>Note!<br/>Base Plates can be used only with channels 40 and 41 mm wide!</p>  | <p>Note!<br/>Connectors can be used only with channels 40 and 41 mm wide</p>  |



$F_{dop}$  [N]

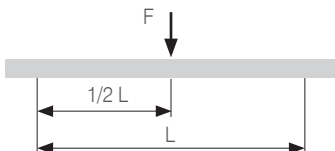
Table of Channel Safe Load Values. Values  $F_{dop}$  are given in Newtons [N]

| Channel CODE | Position | Thickn. [mm] | Spacing of Supports [m] |     |      |      |      |      |      |
|--------------|----------|--------------|-------------------------|-----|------|------|------|------|------|
|              |          |              | 0,5                     | 0,8 | 1,0  | 1,5  | 2,0  | 2,5  | 3,0  |
| CD28H12      |          | 1,2          | 220                     | 130 | 40   | ...  | ...  | ...  | ...  |
| CP28H12      |          | 1,5          | 340                     | 160 | 100  | ...  | ...  | ...  | ...  |
| CC28H12      |          | 2,0          | 490                     | 260 | 130  | 45   | ...  | ...  | ...  |
| CD40H20      |          | 1,2          | 900                     | 570 | 380  | 150  | ...  | ...  | ...  |
| CP40H20      |          | 1,5          | 1050                    | 770 | 430  | 170  | ...  | ...  | ...  |
| CC40H20      |          | 2,0          | 1300                    | 950 | 480  | 210  | ...  | ...  | ...  |
| CD40H35      |          | 1,2          | ...                     | ... | 690  | 490  | 310  | 220  | 150  |
| CP40H35      |          | 1,5          | ...                     | ... | 910  | 570  | 380  | 290  | 220  |
| CC40H35      |          | 2,0          | ...                     | ... | 1260 | 870  | 540  | 370  | 250  |
| CD40H40      |          | 1,2          | ...                     | ... | 880  | 630  | 420  | 310  | 225  |
| CP40H40      |          | 1,5          | ...                     | ... | 1200 | 840  | 540  | 400  | 320  |
| CC40H40      |          | 2,0          | ...                     | ... | 1580 | 1120 | 730  | 550  | 440  |
| CC50H35      |          | 2,0          | ...                     | ... | 1270 | 950  | 510  | 320  | 200  |
| CC55H50      |          | 2,0          | ...                     | ... | 3000 | 2060 | 1370 | 970  | 650  |
| CT55H50      |          | 3,0          | ...                     | ... | 5300 | 3600 | 2400 | 1500 | 900  |
| CE60H40      |          | 4,0          | ...                     | ... | 4590 | 3050 | 1780 | 1210 | 830  |
| CT70H50      |          | 3,0          | ...                     | ... | 5500 | 4000 | 2690 | 1790 | 1180 |
| CE70H50      |          | 4,0          | ...                     | ... | 6330 | 4630 | 3090 | 2210 | 1580 |

$F_{dop}$  [N]

Table of Channel Safe Load Values. Values  $F_{dop}$  are given in Newtons [N]

| Channel CODE | Position | Thickn. [mm] | Spacing of Supports [m] |      |      |      |     |     |
|--------------|----------|--------------|-------------------------|------|------|------|-----|-----|
|              |          |              | 0,5                     | 1,0  | 1,5  | 2,0  | 2,5 | 3,0 |
| CWD20H10     |          | 1,2          | 250                     | 50   | ...  | ...  | ... | ... |
| CWD30H30     |          | 1,2          | 1200                    | 830  | 510  | 330  | ... | ... |
| CWP30H30     |          | 1,5          | 1500                    | 1080 | 580  | 390  | ... | ... |
| CWC30H30     |          | 2,0          | 1800                    | 1470 | 830  | 430  | ... | ... |
| CWD40H22     |          | 1,2          | 1200                    | 610  | 280  | 200  | ... | ... |
| CWP40H22     |          | 1,5          | 1350                    | 660  | 380  | 230  | ... | ... |
| CWC40H22     |          | 2,0          | 1500                    | 730  | 450  | 250  | ... | ... |
| CWD40H35     |          | 1,2          | ...                     | 1180 | 840  | 550  | 390 | 270 |
| CWP40H35     |          | 1,5          | ...                     | 1470 | 1090 | 720  | 500 | 300 |
| CWC40H35     |          | 2,0          | ...                     | 2230 | 1530 | 930  | 620 | 380 |
| CWD40H40     |          | 1,2          | ...                     | 1460 | 1040 | 680  | 470 | 310 |
| CWP40H40     |          | 1,5          | ...                     | 1680 | 1170 | 730  | 520 | 330 |
| CWC40H40     |          | 2,0          | ...                     | 2640 | 1760 | 1030 | 730 | 480 |
| CWT40H40     |          | 3,0          | ...                     | ...  | ...  | 1700 | 980 | 790 |



Safe Working Loads  $F_{dop}$  have been calculated for maximum allowable deflection of  $L/100$   
 Example: Safe working load for channel CWP40H40  
 with a spacing of supports 1,5 m is 1170 N (approximately 117 kg)

$F_{dop}$  [N]

Table of Channel Safe Load Values. Values  $F_{dop}$  are given in Newtons [N]

| Channel CODE | Position | Thickn. [mm] | Spacing of Supports [m] |      |      |      |      |      |      |      |      |      |      |
|--------------|----------|--------------|-------------------------|------|------|------|------|------|------|------|------|------|------|
|              |          |              | 1,0                     | 1,5  | 2,0  | 2,5  | 3,0  | 3,50 | 4,0  | 4,50 | 5,0  | 5,50 | 6,0  |
| CMSP41H21    |          | 1,5          | 765                     | 550  | 250  | 150  | 100  | .... | .... | .... | .... | .... | .... |
| CMSC41H21    |          | 2,0          | 850                     | 600  | 260  | 160  | 115  | .... | .... | .... | .... | .... | .... |
| CMP41H21     |          | 1,5          | 765                     | 550  | 250  | 150  | 100  | .... | .... | .... | .... | .... | .... |
| CMC41H21     |          | 2,0          | 850                     | 600  | 260  | 160  | 115  | .... | .... | .... | .... | .... | .... |
| CMM41H21     |          | 2,5          | 1100                    | 780  | 330  | 190  | 155  | .... | .... | .... | .... | .... | .... |
| CMP41H41     |          | 1,5          | 2000                    | 1350 | 820  | 580  | 390  | .... | .... | .... | .... | .... | .... |
| CMC41H41     |          | 2,0          | 2550                    | 1790 | 1060 | 690  | 510  | .... | .... | .... | .... | .... | .... |
| CMM41H41     |          | 2,5          | 3290                    | 2320 | 1430 | 950  | 610  | .... | .... | .... | .... | .... | .... |
| CMT41H41     |          | 3,0          | 4060                    | 3090 | 1780 | 1060 | 810  | .... | .... | .... | .... | .... | .... |
| CMPC41H42    |          | 2,0          | 2120                    | 1370 | 700  | 450  | 290  | .... | .... | .... | .... | .... | .... |
| CMPM41H42    |          | 2,5          | 3130                    | 1820 | 800  | 480  | 370  | .... | .... | .... | .... | .... | .... |
| CMPC41H82    |          | 2,0          | ....                    | 3180 | 1950 | 1510 | 1150 | .... | .... | .... | .... | .... | .... |
| CMPM41H82    |          | 2,5          | ....                    | 4150 | 2850 | 1950 | 1230 | .... | .... | .... | .... | .... | .... |
| CMC40H60     |          | 2,0          | ....                    | 2650 | 1950 | 1570 | 1280 | .... | .... | .... | .... | .... | .... |
| CMT40H60     |          | 3,0          | ....                    | 4450 | 3360 | 2630 | 2100 | .... | .... | .... | .... | .... | .... |
| CMT40H80     |          | 3,0          | ....                    | .... | 5350 | 4500 | 3620 | .... | .... | .... | .... | .... | .... |
| CMP50H50     |          | 1,5          | 2680                    | 1920 | 1260 | 970  | 750  | .... | .... | .... | .... | .... | .... |
| CMC50H50     |          | 2,0          | 3500                    | 2750 | 1880 | 1380 | 980  | .... | .... | .... | .... | .... | .... |
| CMT50H50     |          | 3,0          | ....                    | 4920 | 3170 | 2370 | 1430 | .... | .... | .... | .... | .... | .... |
| CMT50H100    |          | 3,0          | ....                    | .... | .... | 6160 | 4800 | 4300 | 3250 | 2990 | 2200 | 1800 | 1060 |
| CMT80H80     |          | 3,0          | ....                    | .... | 5920 | 5200 | 4500 | 4100 | 3100 | 2800 | 2000 | 1500 | 800  |
| CMT100H100   |          | 3,0          | ....                    | .... | .... | .... | 5050 | 4500 | 3650 | 3150 | 2450 | 2000 | 1250 |

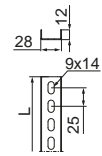


$F_{dop}$  [N]

Table of Channel Safe Load Values. Values  $F_{dop}$  are given in Newtons [N]

| Channel CODE | Position | Thickn. [mm] | Spacing of Supports [m] |      |      |      |      |      |
|--------------|----------|--------------|-------------------------|------|------|------|------|------|
|              |          |              | 2,0                     | 2,5  | 3,0  | 4,0  | 5,0  | 6,0  |
| CTMC40H40    |          | 2,0          | 1150                    | 800  | 610  | 280  | 140  | 80   |
| CTMT40H40    |          | 3,0          | 1980                    | 1190 | 780  | 500  | 300  | 140  |
| CTMC40H60    |          | 2,0          | 2370                    | 1870 | 1420 | 630  | 310  | 200  |
| CTMT40H80    |          | 3,0          | 5780                    | 4880 | 4230 | 2050 | 1110 | 650  |
| CTMT50H50    |          | 3,0          | 3460                    | 2630 | 1600 | 660  | 280  | 220  |
| CTMT80H80    |          | 3,0          | ...                     | 5480 | 4770 | 2960 | 1790 | 830  |
| CTMT100H100  |          | 3,0          | ...                     | ...  | 5550 | 3800 | 2740 | 1360 |

| Channel                            | CD28H12...       | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 1.2 mm</b> |                  |                  |                   |                             |
| CD28H12/2                          | 611320           | 2000             | 0.84              | 20                          |
| CD28H12/3                          | 611330           | 3000             | 1.26              | 20                          |



| Channel                            | CP28H12...       | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                             |
| CP28H12/2                          | 611420           | 2000             | 0.92              | 20                          |
| CP28H12/3                          | 611430           | 3000             | 1.38              | 20                          |



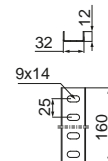
| Channel                            | CC28H12...       | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |
| CC28H12/2                          | 611520           | 2000             | 1.16              | 20                          |
| CC28H12/3                          | 611530           | 3000             | 1.74              | 20                          |

**Use:**  
For hanging lamps and as a structural element for mounting ladders and cable trays.

**Additional information:**

- use SGK8x14 or SGM8x14 bolts to join the channel with the connector
- on large order possibility to make any length up to 6 m
- option F available for orders over 300 m

| Connector                          | LC28H12          | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                   |                             |  |
| LC28H12                            | 999564           | 0.08              | 100                         |  |



**Use:**  
Connecting channels.

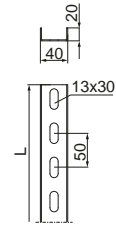
| Protective cap | NO28x12          | mat.: PE | quantity per package [pcs.] |  |
|----------------|------------------|----------|-----------------------------|--|
| code           | catalogue number |          |                             |  |
| NO28x12        | 760605           | 100      |                             |  |



**Use:**  
Protection of the fitter from injury from steel edges, improving visual aspect.



| Channel                            | CD40H20...       | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 1.2 mm</b> |                  |                  |                   |                             |
| CD40H20/2                          | 611620           | 2000             | 1.46              | 8                           |
| CD40H20/3                          | 611630           | 3000             | 2.19              | 8                           |



| Channel                            | CP40H20...       | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                             |
| CP40H20/2                          | 611720           | 2000             | 1.56              | 8                           |
| CP40H20/3                          | 611730           | 3000             | 2.34              | 8                           |

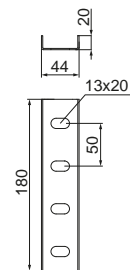


| Channel                            | CC40H20...       | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |
| CC40H20/2                          | 611820           | 2000             | 2.10              | 8                           |
| CC40H20/3                          | 611830           | 3000             | 3.15              | 8                           |

**Use:**  
For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS...

- Additional information:**
- on large order possibility to make any length up to 6 m
  - use SGK10x16 or SGM10x16 bolts to join the channel with the connector

| Connector                          | LC40H20          | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                   |                             |  |
| LC40H20                            | 660500           | 0.15              | 100                         |  |



**Use:**  
Connecting channels.

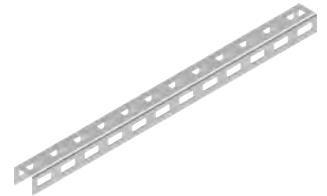
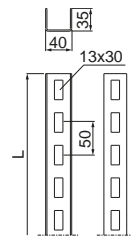
| Protective cap | NO40x20          | mat.: PE | quantity per package [pcs.] |  |
|----------------|------------------|----------|-----------------------------|--|
| code           | catalogue number |          |                             |  |
| NO40x20        | 670400           | 100      |                             |  |



**Use:**  
Protection of the fitter from injury from steel edges, improving visual aspect.



| Channel                            | C...40H35...     | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 1.2 mm</b> |                  |                  |                   |                             |
| CD40H35/2                          | 665304           | 2000             | 1.57              | 8                           |
| CD40H35/3                          | 665305           | 3000             | 2.35              | 8                           |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                             |
| CP40H35/2                          | 665314           | 2000             | 1.94              | 8                           |
| CP40H35/3                          | 665315           | 3000             | 2.90              | 8                           |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |
| CC40H35/2                          | 665334           | 2000             | 2.53              | 8                           |
| CC40H35/3                          | 665335           | 3000             | 3.79              | 8                           |

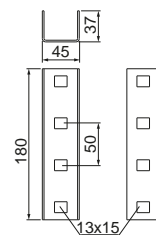


**Use:**  
For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WZSN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT...

**Additional information:**

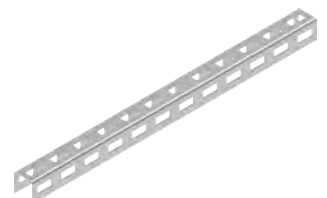
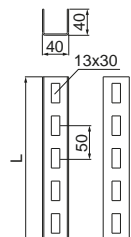
- on large order possibility to make any length up to 6 m
- use SGK10x16 or SGM10x16 bolts to join the channel with the connector

| Connector                          | LCC40H35         | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                             |  |
| LCC40H35                           | 665319           | 0.28              | 50                          |  |



**Use:**  
Connecting channels.

| Channel                            | C...40H40...     | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 1.2 mm</b> |                  |                  |                   |                             |
| CD40H40/2                          | 665326           | 2000             | 1.76              | 8                           |
| CD40H40/3                          | 665327           | 3000             | 2.64              | 8                           |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                             |
| CP40H40/2                          | 665336           | 2000             | 2.17              | 8                           |
| CP40H40/3                          | 665337           | 3000             | 3.26              | 8                           |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |
| CC40H40/2                          | 665346           | 2000             | 2.84              | 8                           |
| CC40H40/3                          | 665347           | 3000             | 4.27              | 8                           |

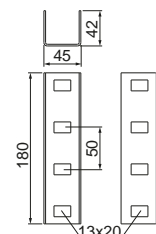


**Use:**  
For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WZSN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT...

**Additional information:**

- on large order possibility to make any length up to 6 m
- use SGK10x16 or SGM10x16 bolts to join the channel with the connector

| Connector                          | LCC40H40         | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                             |  |
| LCC40H40                           | 665320           | 0.29              | 50                          |  |



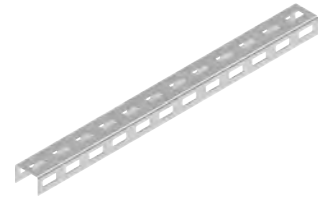
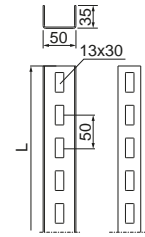
**Use:**  
Connecting channels.



# SUPPORTING AND ASSEMBLY ELEMENTS - CHANNELS



| Channel                            | CC50H35...       | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |
| CC50H35/2                          | 665302           | 2000             | 3.50              | 8                           |
| CC50H35/3                          | 665303           | 3000             | 5.25              | 8                           |

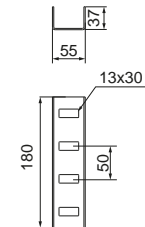


**Use:**  
For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSN..., WPL..., WPT...

**Additional information:**

- use SGK10x16 or SGM10x16 bolts to join the channel with the connector
- option F available for orders over 300 m

| Connector                          | LCC50H35         | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                             |  |
| LCC50H35                           | 665318           | 0.31              | 50                          |  |



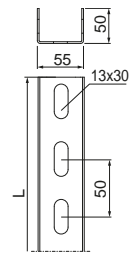
**Use:**  
Connecting channels.

| Protective cap | NO50x35          | mat.: PE | quantity per package [pcs.] |  |
|----------------|------------------|----------|-----------------------------|--|
| code           | catalogue number |          |                             |  |
| NO50x35        | 670805           | 100      |                             |  |



**Use:**  
Protection of the fitter from injury from steel edges, improving visual aspect.

| Channel                            | CC55H50...       | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |
| CC55H50/03                         | 612103           | 300              | 0.60              | 20                          |
| CC55H50/04                         | 612104           | 400              | 0.81              | 20                          |
| CC55H50/05                         | 612105           | 500              | 1.01              | 20                          |
| CC55H50/1                          | 612110           | 1000             | 2.02              | 8                           |
| CC55H50/2                          | 612120           | 2000             | 4.05              | 8                           |
| CC55H50/3                          | 612130           | 3000             | 6.09              | 4                           |



| Channel                            | CT55H50...       | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |
| CT55H50/2                          | 612220           | 2000             | 5.58              | 8                           |
| CT55H50/3                          | 612230           | 3000             | 8.37              | 4                           |
| CT55H50/6                          | 612260           | 6000             | 16.74             | 2                           |

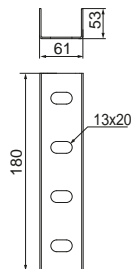
**Use:**

For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSZN... (for th. ≥ 2 mm), WPL..., WPT..., WMCN..., WMC/WMCO...

**Additional information:**

- for self-mounting vertical ladders
- use SGKM10x16 or SGM10x16 bolts to join the channel with the connector
- option E for sections up to 3 m

| Connector                          | LC55H50          | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |  |
| LC55H50                            | 660700           | 0.48              | 30                          |  |



**Use:**

Connecting channels.

**Additional information:**

- use 8 sets of SGKM10x16 or SGM10x16 bolts for mounting

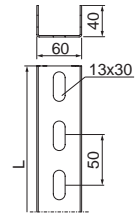
| Protective cap | NO55x50N         | mat.: PE                    |  |
|----------------|------------------|-----------------------------|--|
| code           | catalogue number | quantity per package [pcs.] |  |
| NO55x50N       | 760610           | 100                         |  |



**Use:**

Protection of the fitter from injury from steel edges, improving visual aspect.

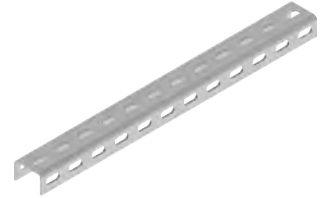
| Channel                            | CE60H40...       | mat.: F          | option: L         |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 4.0 mm</b> |                  |                  |                   |                             |
| CE60H40/3                          | 616430           | 3000             | 9.99              | 4                           |
| CE60H40/6                          | 616460           | 6000             | 19.98             | 4                           |



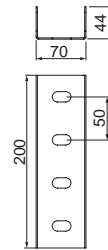
**Use:**  
Forming of load-bearing structures. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSZN..., WPL..., WPT..., WMCN..., WMC/WMCO..., WWCN..., WWC..., WMCT..., WWCT/WWCTO..., WWV...

**Additional information:**

- for order of more than 200 pcs., can be made in other lengths and thicknesses
- use SGKM10x20 or SGM10x20 bolts to join the channel with the connector



| Connector                          | LC60H40          | mat.: F           | option: L                   |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 4.0 mm</b> |                  |                   |                             |
| LC60H40                            | 616400           | 0.64              | 20                          |



**Use:**

Connecting channels.

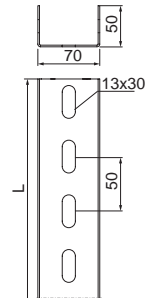
| Protective cap | NO60x40          | mat.: PE                    |
|----------------|------------------|-----------------------------|
| code           | catalogue number | quantity per package [pcs.] |
| NO60x40        | 670604           | 100                         |



**Use:**

Protection of the fitter from injury from steel edges, improving visual aspect.

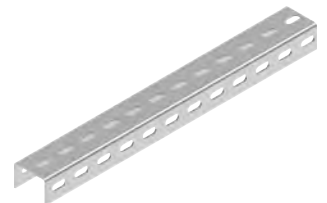
| Channel                            | CT70H50...       | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |
| CT70H50/3                          | 616361           | 3000             | 8.55              | 2                           |
| CT70H50/6                          | 616360           | 6000             | 17.10             | 2                           |



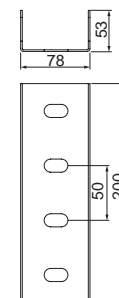
**Use:**  
Forming of load-bearing structures. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSZN..., WPL..., WPT..., WMCN..., WMC/WMCO..., WWCN..., WWC..., WMCT..., WWCT/WWCTO..., WWV...

**Additional information:**

- for order of more than 200 pcs., can be made in other lengths and thicknesses
- use SGKM10x20 or SGM10x20 bolts to join the channel with the connector



| Connector                          | LCT70H50         | mat.: S           | option: F, E, L             |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| LCT70H50                           | 662001           | 0.57              | 20                          |



**Use:**

Connecting channels.



| Channel                            | CE70H50...       | mat.: F          | option: E, L      |                             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 4.0 mm</b> |                  |                  |                   |                             |  |
| CE70H50/03                         | 616303           | 300              | 1.14              | 8                           |  |
| CE70H50/04                         | 616304           | 400              | 1.52              | 8                           |  |
| CE70H50/05                         | 616305           | 500              | 1.90              | 8                           |  |
| CE70H50/06                         | 616306           | 600              | 2.28              | 8                           |  |
| CE70H50/07                         | 616307           | 700              | 2.66              | 8                           |  |
| CE70H50/08                         | 616308           | 800              | 3.04              | 8                           |  |
| CE70H50/09                         | 616309           | 900              | 3.42              | 8                           |  |
| CE70H50/1                          | 616310           | 1000             | 3.80              | 8                           |  |
| CE70H50/2                          | 616320           | 2000             | 7.60              | 4                           |  |
| CE70H50/3                          | 616330           | 3000             | 11.40             | 4                           |  |
| CE70H50/6                          | 626360           | 6000             | 22.80             | 4                           |  |

**Use:**

Forming of load-bearing structures. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSZN..., WPL..., WPT..., WMCN..., WMC/WMCO..., WWCN..., WWC..., WMCT..., WWCT/WWCTO..., WWV...

**Additional information:**

- use SGK10x20 or SGM10x20 bolts to join the channel with the connector
- option E for sections up to 3 m

| Connector                          | LC70H50          | mat.: F           | option: E, L                |  |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |  |
| <b>Material thickness = 4.0 mm</b> |                  |                   |                             |  |  |
| LC70H50                            | 662000           | 0.77              | 20                          |  |  |

**Use:**

Connecting channels.

| Protective cap | NO70x50N         | mat.: PE |                             |  |  |
|----------------|------------------|----------|-----------------------------|--|--|
| code           | catalogue number |          | quantity per package [pcs.] |  |  |
| NO70x50N       | 760710           |          | 100                         |  |  |

**Use:**

Protection of the fitter from injury from steel edges, improving visual aspect.



# SUPPORTING AND ASSEMBLY ELEMENTS - REINFORCED CHANNELS



## Support Channel

CWD20H10...

mat.: S

option: F, L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|



Material thickness = 1.2 mm

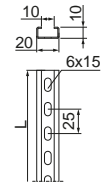
|            |        |      |      |    |
|------------|--------|------|------|----|
| CWD20H10/2 | 616220 | 2000 | 0.70 | 20 |
|------------|--------|------|------|----|

### Use:

Used as a rung for ladders.

### Additional information:

- for order of more than 200 pcs., can be made in other lengths and thicknesses
- use SGK6x12 or SGM6x12 bolts to join the channel with the connector
- option F available for orders over 300 m



## Channel connector

LCW20H10

mat.: S

option: F, L

| code | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|-------------------|-----------------------------|
|------|------------------|-------------------|-----------------------------|

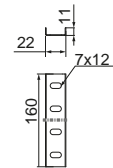


Material thickness = 1.0 mm

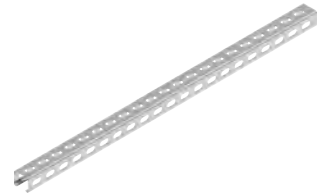
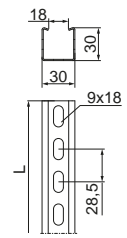
|          |        |      |     |
|----------|--------|------|-----|
| LCW20H10 | 669000 | 0.07 | 100 |
|----------|--------|------|-----|

### Use:

Connecting channels.



| Support Channel                    |                  | CWD30H30...      | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.2 mm</b> |                  |                  |                   |                             |  |
| CWD30H30/2                         | 613520           | 2000             | 1.64              | 8                           |  |
| CWD30H30/3                         | 613530           | 3000             | 2.46              | 8                           |  |



| Support Channel                    |                  | CWP30H30...      | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                             |  |
| CWP30H30/2                         | 613620           | 2000             | 2.00              | 8                           |  |
| CWP30H30/3                         | 613630           | 3000             | 3.00              | 8                           |  |

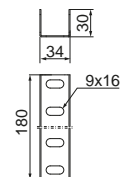
| Support Channel                    |                  | CWC30H30...      | mat.: S           | option: F, L                |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |  |
| CWC30H30/2                         | 613720           | 2000             | 2.64              | 8                           |  |
| CWC30H30/3                         | 613730           | 3000             | 3.96              | 8                           |  |

**Use:**  
For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN...

**Additional information:**

- on large order possibility to make any length up to 6 m
- use SGK8x14 or SGM8x14 bolts to join the channel with the connector
- option F available for orders over 300 m

| Connector                          |                  | LCW30H30          | mat.: S                     | option: F, E, L |  |
|------------------------------------|------------------|-------------------|-----------------------------|-----------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |                 |  |
| <b>Material thickness = 1.5 mm</b> |                  |                   |                             |                 |  |
| LCW30H30                           | 661100           | 0.20              | 50                          |                 |  |



**Use:**  
Connecting channels.

| Protective cap |                  | NO30x30                     | mat.: PE |  |
|----------------|------------------|-----------------------------|----------|--|
| code           | catalogue number | quantity per package [pcs.] |          |  |
| NO30x30        | 670301           | 100                         |          |  |



**Use:**  
Protection of the fitter from injury from steel edges, improving visual aspect.



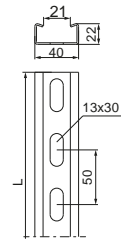
| Support Channel                    |                   | CWD40H22...      | mat.: S           | option: F, E, L             |            |
|------------------------------------|-------------------|------------------|-------------------|-----------------------------|------------|
| code                               | catalogue number  | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] | substitute |
| <b>Material thickness = 1.2 mm</b> |                   |                  |                   |                             |            |
|                                    | <b>CWD40H22/2</b> | <b>610120</b>    | <b>2000</b>       | <b>1.60</b>                 | <b>8</b>   |
|                                    | <b>CWD40H22/3</b> | <b>610130</b>    | <b>3000</b>       | <b>2.40</b>                 | <b>8</b>   |
|                                    | <b>CWD40H22/6</b> | <b>610160</b>    | <b>6000</b>       | <b>4.80</b>                 | <b>8</b>   |

| Support Channel                    |                    | CWP40H22...      | mat.: S           | option: F, E, L             |            |
|------------------------------------|--------------------|------------------|-------------------|-----------------------------|------------|
| code                               | catalogue number   | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] | substitute |
| <b>Material thickness = 1.5 mm</b> |                    |                  |                   |                             |            |
|                                    | <b>CWP40H22/02</b> | <b>610202</b>    | <b>200</b>        | <b>0.21</b>                 | <b>50</b>  |
|                                    | <b>CWP40H22/03</b> | <b>610203</b>    | <b>300</b>        | <b>0.31</b>                 | <b>50</b>  |
|                                    | <b>CWP40H22/04</b> | <b>610204</b>    | <b>400</b>        | <b>0.41</b>                 | <b>30</b>  |
|                                    | <b>CWP40H22/05</b> | <b>610205</b>    | <b>500</b>        | <b>0.52</b>                 | <b>30</b>  |
|                                    | <b>CWP40H22/1</b>  | <b>610210</b>    | <b>1000</b>       | <b>1.03</b>                 | <b>8</b>   |
|                                    | <b>CWP40H22/2</b>  | <b>610220</b>    | <b>2000</b>       | <b>2.06</b>                 | <b>8</b>   |
|                                    | <b>CWP40H22/3</b>  | <b>610230</b>    | <b>3000</b>       | <b>3.09</b>                 | <b>8</b>   |
|                                    | <b>CWP40H22/6</b>  | <b>610260</b>    | <b>6000</b>       | <b>6.18</b>                 | <b>8</b>   |

| Support Channel                    |                   | CWC40H22...      | mat.: S           | option: F, E, L             |            |
|------------------------------------|-------------------|------------------|-------------------|-----------------------------|------------|
| code                               | catalogue number  | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] | substitute |
| <b>Material thickness = 2.0 mm</b> |                   |                  |                   |                             |            |
|                                    | <b>CWC40H22/2</b> | <b>610320</b>    | <b>2000</b>       | <b>2.68</b>                 | <b>8</b>   |
|                                    | <b>CWC40H22/3</b> | <b>610330</b>    | <b>3000</b>       | <b>4.02</b>                 | <b>8</b>   |
|                                    | <b>CWC40H22/6</b> | <b>610360</b>    | <b>6000</b>       | <b>8.04</b>                 | <b>8</b>   |

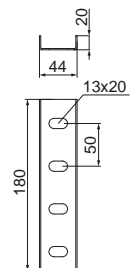
**Use:**  
For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT...

- Additional information:**
- use SGK10x16 or SGM10x16 bolts to join the channel with the connector
  - option F available for orders over 300 m
  - option E for sections up to 3 m



| Connector                          |                  | LC40H20       | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|---------------|-------------------|-----------------------------|--|
| code                               | catalogue number |               | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |               |                   |                             |  |
|                                    | <b>LC40H20</b>   | <b>660500</b> | <b>0.15</b>       | <b>100</b>                  |  |

**Use:**  
Connecting channels.



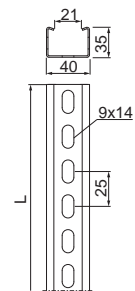
| Protective cap |                  | NOW40x22      | mat.: PE                    |  |
|----------------|------------------|---------------|-----------------------------|--|
| code           | catalogue number |               | quantity per package [pcs.] |  |
|                | <b>NOW40x22</b>  | <b>760100</b> | <b>100</b>                  |  |

**Use:**  
Protection of the fitter from injury from steel edges, improving visual aspect.

- Additional information:**
- covers the edges of the wall brackets, protecting fitters from injury
  - thanks to a new secure lock, the caps always stay in place
  - provide a visually pleasing end to a channel or wall bracket



| Support Channel                    |                  | CWD40H35...      | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.2 mm</b> |                  |                  |                   |                             |  |
| CWD40H35/2                         | 610420           | 2000             | 2.02              | 8                           |  |
| CWD40H35/3                         | 610430           | 3000             | 3.03              | 8                           |  |
| CWD40H35/6                         | * 610460         | 6000             | 6.06              | 8                           |  |



**Additional information:**

- \* - product available for order over 100 pcs.
- use SGK8x14 or SGM8x14 bolts to join the channel with the connector
- on large order possibility to make any length up to 6 m

| Support Channel                    |                  | CWP40H35...      | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                             |  |
| CWP40H35/2                         | 610520           | 2000             | 2.32              | 8                           |  |
| CWP40H35/3                         | 610530           | 3000             | 3.48              | 8                           |  |



**Additional information:**

- use SGK8x14 or SGM8x14 bolts to join the channel with the connector

| Support Channel                    |                  | CWC40H35...      | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |  |
| CWC40H35/2                         | 610620           | 2000             | 3.02              | 8                           |  |
| CWC40H35/3                         | 610630           | 3000             | 4.53              | 8                           |  |
| CWC40H35/6                         | * 610660         | 6000             | 9.06              | 8                           |  |

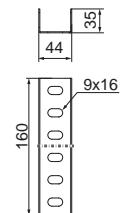
**Use:**

For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT...

**Additional information:**

- \* - product available for order over 100 pcs.
- use SGK8x14 or SGM8x14 bolts to join the channel with the connector
- on large order possibility to make any length up to 6 m

| Connector                          |                  | LCW40H35          | mat.: S                     | option: F, E, L |  |
|------------------------------------|------------------|-------------------|-----------------------------|-----------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |                 |  |
| <b>Material thickness = 1.5 mm</b> |                  |                   |                             |                 |  |
| LCW40H35                           | 660200           | 0.20              | 50                          |                 |  |



**Use:**

Connecting channels.

**Additional information:**

- use SGK8x14 or SGM8x14 bolts to join the channel with the connector

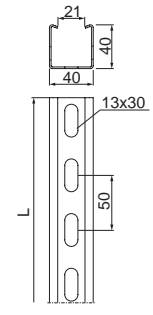
| Protective Cap |                  | NO40x35N                    | mat.: PE |  |
|----------------|------------------|-----------------------------|----------|--|
| code           | catalogue number | quantity per package [pcs.] |          |  |
| NO40x35N       | 670210           | 100                         |          |  |



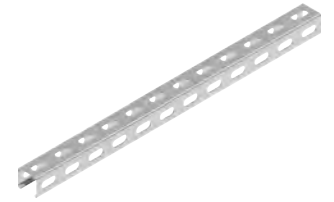
**Use:**

Protection of the fitter from injury from steel edges, improving visual aspect.

| Support Channel                    |                  | CWD40H40...      | mat.: S           | option: F, E, L             |            |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] | substitute |
| <b>Material thickness = 1.2 mm</b> |                  |                  |                   |                             |            |
| CWD40H40/2                         | 611020           | 2000             | 2.20              | 8                           | CMP41H41/2 |
| CWD40H40/3                         | 611030           | 3000             | 3.30              | 8                           | CMP41H41/3 |
| CWD40H40/6                         | 611060           | 6000             | 6.60              | 8                           | CMP41H41/6 |



| Support Channel                    |                  | CWP/CWOP40H40... | mat.: S           | option: F, E, L             |            |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] | substitute |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                             |            |
| CWP/CWOP40H40/02                   | 611102           | 200              | 0.26              | 30                          |            |
| CWP/CWOP40H40/03                   | 611103           | 300              | 0.39              | 30                          |            |
| CWP/CWOP40H40/04                   | 611104           | 400              | 0.52              | 30                          |            |
| CWP/CWOP40H40/05                   | 611105           | 500              | 0.65              | 30                          |            |
| CWP/CWOP40H40/1                    | 611110           | 1000             | 1.30              | 8                           |            |
| CWP/CWOP40H40/2                    | 611120           | 2000             | 2.60              | 8                           | CMP41H41/2 |
| CWP/CWOP40H40/3                    | 611130           | 3000             | 3.90              | 8                           | CMP41H41/3 |
| CWP/CWOP40H40/6                    | 611160           | 6000             | 7.80              | 8                           | CMP41H41/6 |



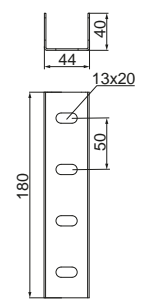
| Support Channel                    |                  | CWC40H40...      | mat.: S           | option: F, E, L             |            |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] | substitute |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |            |
| CWC40H40/2                         | 611220           | 2000             | 3.50              | 8                           | CMC41H41/2 |
| CWC40H40/3                         | 611230           | 3000             | 5.30              | 8                           | CMC41H41/3 |
| CWC40H40/6                         | 611260           | 6000             | 10.60             | 8                           | CMC41H41/6 |

**Use:**  
 For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT..., WMCN..., WMC/WMCO...

- Additional information:**
- on large order possibility to make any length up to 6 m
  - use SGK10x16 or SGM10x16 bolts to join the channel with the connector
  - option F available for orders over 300 m
  - option E for sections up to 3 m

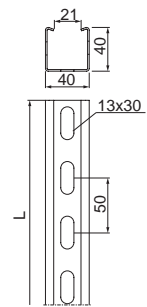


| Channel connector                  |                  | LC40H40           | mat.: S                     | option: F, E, L |  |
|------------------------------------|------------------|-------------------|-----------------------------|-----------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |                 |  |
| <b>Material thickness = 1.5 mm</b> |                  |                   |                             |                 |  |
| LC40H40                            | 660401           | 0.30              | 50                          |                 |  |



**Use:**  
 Connecting channels.

| Support Channel                    |                  | CWT40H40...      | mat.: S           | option: F, L                |            |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] | substitute |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |            |
| CWT40H40/3                         | 641230           | 3000             | 7.92              | 4                           | CMT41H41/3 |
| CWT40H40/6                         | 641260           | 6000             | 15.84             | 4                           | CMT41H41/6 |

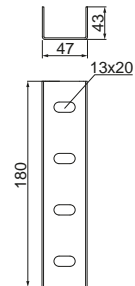


**Use:**  
For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSN..., WPL..., WPT..., WMCN..., WMC/WMCO...

**Additional information:**

- on large order possibility to make any length up to 6 m
- alternatively, we offer CM...41H41 with a wider range of lengths
- use SGK10x20 or SGM10x20 bolts to join the channel with the connector

| Channel connector                  |                  | LCT40H40          | mat.: S                     | option: F, L |  |
|------------------------------------|------------------|-------------------|-----------------------------|--------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |              |  |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |              |  |
| LCT40H40                           | 660402           | 0.52              | 50                          |              |  |



**Use:**  
Connecting channels.

| Protective cap |                  | NO40x40N                    | mat.: PE |  |
|----------------|------------------|-----------------------------|----------|--|
| code           | catalogue number | quantity per package [pcs.] |          |  |
| NO40x40N       | 760510           | 100                         |          |  |



**Use:**  
Protection of the fitter from injury from steel edges, improving visual aspect.



# SUPPORTING AND ASSEMBLY ELEMENTS - ASSEMBLY CHANNELS



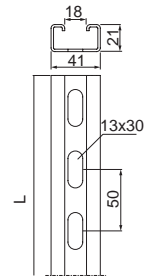
## Support Channel

CMSP41H21...

mat.: S

option: F, L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|



Material thickness = 1.5 mm

|             |        |      |      |   |
|-------------|--------|------|------|---|
| CMSP41H21/2 | 646320 | 2000 | 2.34 | 8 |
| CMSP41H21/3 | 646330 | 3000 | 2.90 | 8 |

## Support Channel

CMSC41H21...

mat.: S

option: F, L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|



Material thickness = 2.0 mm

|              |        |      |      |    |
|--------------|--------|------|------|----|
| CMSC41H21/02 | 646202 | 200  | 0.31 | 50 |
| CMSC41H21/03 | 646203 | 300  | 0.47 | 50 |
| CMSC41H21/04 | 646204 | 400  | 0.62 | 30 |
| CMSC41H21/05 | 646205 | 500  | 0.78 | 30 |
| CMSC41H21/06 | 646206 | 600  | 0.94 | 30 |
| CMSC41H21/07 | 646207 | 700  | 1.09 | 8  |
| CMSC41H21/08 | 646208 | 800  | 1.24 | 8  |
| CMSC41H21/09 | 646209 | 900  | 1.40 | 8  |
| CMSC41H21/1  | 646210 | 1000 | 1.56 | 8  |
| CMSC41H21/2  | 646220 | 2000 | 3.12 | 8  |
| CMSC41H21/3  | 646230 | 3000 | 4.68 | 8  |

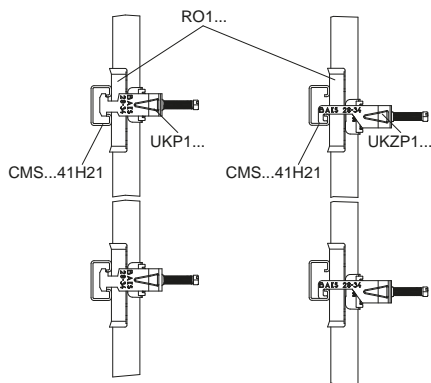
### Use:

Fixing electrical cables directly on the wall vertically or horizontally and on the ceiling with UK/UKO..., UKP..., UKZ... or UKZP... cable clamps

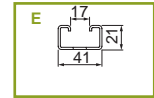
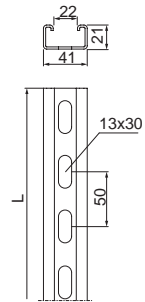
For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT...

### Additional information:

- large slot in the open section of the channel makes it easier to install the UK/UKO... and UKZ... cable clamps
- easy mounting cables on the wall and ceiling
- easy bypassing of obstacles on the wall and ceiling when laying a cable route
- use SGK10x20 or SGM10x20 bolts to join the channel with the connector



| Support Channel                    | CMP41H21...      | mat.: S          | option: E, L      |                             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                             |  |
| CMP41H21/02                        | 640102           | 200              | 0.23              | 50                          |  |
| CMP41H21/03                        | 640103           | 300              | 0.35              | 50                          |  |
| CMP41H21/04                        | 640104           | 400              | 0.47              | 30                          |  |
| CMP41H21/05                        | 640105           | 500              | 0.59              | 30                          |  |
| CMP41H21/06                        | 640106           | 600              | 0.70              | 30                          |  |
| CMP41H21/07                        | 640107           | 700              | 0.82              | 30                          |  |
| CMP41H21/08                        | 640108           | 800              | 0.94              | 8                           |  |
| CMP41H21/09                        | 640109           | 900              | 1.06              | 8                           |  |
| CMP41H21/1                         | 640110           | 1000             | 1.17              | 8                           |  |
| CMP41H21/2                         | 643120           | 2000             | 2.34              | 8                           |  |
| CMP41H21/3                         | 643130           | 3000             | 3.51              | 8                           |  |
| CMP41H21/6                         | 643160           | 6000             | 7.02              | 8                           |  |



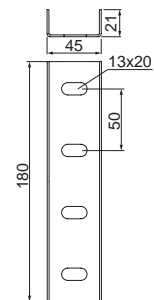
**Use:**

For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSNZ... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT...

**Additional information:**

- option E for sections up to 3 m
- use SGKM10x16 or SGM10x16 bolts to join the channel with the connector
- for order of more than 200 pcs., can be made in other lengths and thicknesses
- E – made of stainless steel

| Connector                          | LCM41H21         | mat.: S           | option: E, L                |  |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |  |
| <b>Material thickness = 1.5 mm</b> |                  |                   |                             |  |  |
| LCM41H21                           | 644101           | 0.14              | 100                         |  |  |



**Use:**

Connecting CM...41H21 channels.



# SUPPORTING AND ASSEMBLY ELEMENTS - ASSEMBLY CHANNELS



## Support Channel

CMC41H21...

mat.: S

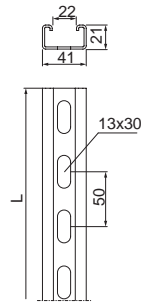
option: L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|



Material thickness = 2.0 mm

|            |        |      |      |   |
|------------|--------|------|------|---|
| CMC41H21/2 | 643220 | 2000 | 3.12 | 8 |
| CMC41H21/3 | 643230 | 3000 | 4.68 | 8 |
| CMC41H21/6 | 643260 | 6000 | 9.36 | 8 |



## Support Channel

CMM41H21...

mat.: S

option: L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|



Material thickness = 2.5 mm

|            |        |      |       |   |
|------------|--------|------|-------|---|
| CMM41H21/3 | 643330 | 3000 | 6.30  | 8 |
| CMM41H21/6 | 643360 | 6000 | 12.60 | 8 |



### Use:

For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT...

### Additional information:

- use SGKM10x16 or SGM10x16 bolts to join the channel with the connector
- for order of more than 200 pcs., can be made in other lengths and thicknesses

## Connector

LCMM41H21

mat.: S

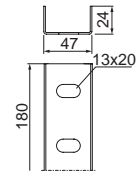
option: F, E, L

| code | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|-------------------|-----------------------------|
|------|------------------|-------------------|-----------------------------|



Material thickness = 2.5 mm

|           |        |      |     |
|-----------|--------|------|-----|
| LCMM41H21 | 644122 | 0.35 | 100 |
|-----------|--------|------|-----|



### Use:

Connecting CM...41H21 channels.



## Protective cap

NOW40x22

mat.: PE

| code | catalogue number | quantity per package [pcs.] |
|------|------------------|-----------------------------|
|------|------------------|-----------------------------|

|          |        |     |
|----------|--------|-----|
| NOW40x22 | 760100 | 100 |
|----------|--------|-----|



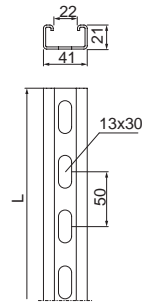
### Use:

Protection of the fitter from injury from steel edges, improving visual aspect.

### Additional information:

- covers the edges of the wall brackets, protecting fitters from injury
- thanks to a new secure lock, the caps always stay in place
- provide a visually pleasing end to a channel or wall bracket

| Support Channel                    | CMP41H21...F     | mat.: F          | option: L         |                             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                             |  |
| CMP41H21/02F                       | 620112           | 200              | 0.23              | 50                          |  |
| CMP41H21/03F                       | 620113           | 300              | 0.35              | 50                          |  |
| CMP41H21/04F                       | 620114           | 400              | 0.47              | 30                          |  |
| CMP41H21/05F                       | 620115           | 500              | 0.59              | 30                          |  |
| CMP41H21/06F                       | 620106           | 600              | 0.70              | 30                          |  |
| CMP41H21/07F                       | 620107           | 700              | 0.82              | 30                          |  |
| CMP41H21/08F                       | 620108           | 800              | 0.94              | 8                           |  |
| CMP41H21/09F                       | 620109           | 900              | 1.06              | 8                           |  |
| CMP41H21/1F                        | 620111           | 1000             | 1.17              | 8                           |  |
| CMP41H21/2F                        | 620122           | 2000             | 2.34              | 8                           |  |
| CMP41H21/3F                        | 620132           | 3000             | 3.51              | 8                           |  |
| CMP41H21/6F                        | 620160           | 6000             | 7.02              | 8                           |  |



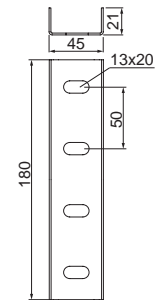
**Use:**

For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSZN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT...

**Additional information:**

- use SGKFM10x16 bolts to join the channel with the connector
- for order of more than 200 pcs., can be made in other lengths and thicknesses

| Connector                          | LCM41H21F        | mat.: F           | option: L                   |  |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |  |
| <b>Material thickness = 1.5 mm</b> |                  |                   |                             |  |  |
| LCM41H21F                          | 620301           | 0.14              | 100                         |  |  |



**Use:**



Connecting CM...41H21F channels.







# SUPPORTING AND ASSEMBLY ELEMENTS - ASSEMBLY CHANNELS



| Support Channel                    |                  | CMC41H21...F     | mat.: F           | option: L                   |   |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|---|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |   |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |   |
| CMC41H21/2F                        | 620222           | 2000             | 3.12              | 8                           |   |
| CMC41H21/3F                        | 620232           | 3000             | 4.68              | 8                           |   |
| CMC41H21/6F                        | 620260           | 6000             | 9.36              | 8                           |   |

**Additional information:**

- for order of more than 200 pcs., can be made in other lengths and thicknesses
- use SGKFM10x16 bolts to join the channel with the connector

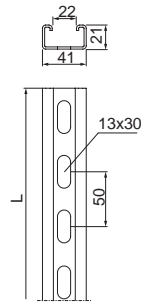
| Support Channel                    |                  | CMM41H21...F     | mat.: F           | option: L                   |   |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|---|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |   |
| <b>Material thickness = 2.5 mm</b> |                  |                  |                   |                             |   |
| CMM41H21/3F                        | 620332           | 3000             | 6.30              | 8                           |   |


**Use:**

For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSZN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT...

**Additional information:**

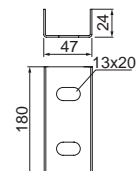
- use SGKFM10x16 bolts to join the channel with the connector
- for order of more than 200 pcs., can be made in other lengths and thicknesses



| Connector                          |                  | LCMM41H21F        | mat.: F                     | option: L |   |
|------------------------------------|------------------|-------------------|-----------------------------|-----------|---|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |           |  |
| <b>Material thickness = 2.5 mm</b> |                  |                   |                             |           |   |
| LCMM41H21F                         | 620402           | 0.35              | 100                         |           |   |

**Use:**

Connecting CM...41H21F channels.



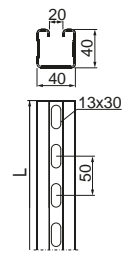
| Protective cap |                  | NO41x21                     | mat.: PE |  |
|----------------|------------------|-----------------------------|----------|--|
| code           | catalogue number | quantity per package [pcs.] |          |  |
| NO41x21        | 760110           | 100                         |          |  |

**Use:**

Protection of the fitter from injury from steel edges, improving visual aspect.



| Support Channel                    |                  | CTMC40H40...     | mat.: S           | option: F, L                |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |  |
| CTMC40H40/3                        | 640030           | 3000             | 6.86              | 2                           |  |
| CTMC40H40/6                        | 640060           | 6000             | 13.73             | 1                           |  |



| Support Channel                    |                  | CTMT40H40...     | mat.: S           | option: F, L                |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |  |
| CTMT40H40/3                        | 640130           | 3000             | 9.79              | 2                           |  |
| CTMT40H40/6                        | 640160           | 6000             | 19.58             | 1                           |  |



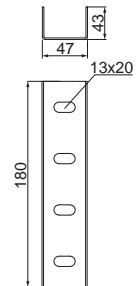
**Use:**

For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSZN..., WTL..., WWT..., WPL..., WPT..., WMCN..., WMC/WMCO..., WWCN..., WWC..., WMCT..., WWCT/WWCTO..., WWW...

**Additional information:**

- product available for order over 100 pcs.
- for large orders, it is possible to make the channel from sheet metal with a thickness of 2.5 mm.
- option F available for orders over 300 m
- use SGK10x20 or SGM10x20 bolts to join the channel with the connector

| Channel connector                  |                  | LCT40H40          | mat.: S                     | option: F, L |  |
|------------------------------------|------------------|-------------------|-----------------------------|--------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |              |  |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |              |  |
| LCT40H40                           | 660402           | 0.52              | 50                          |              |  |



**Use:**

Connecting channels.

| Protective cap |                  | NOW40x40                    | mat.: PE |  |
|----------------|------------------|-----------------------------|----------|--|
| code           | catalogue number | quantity per package [pcs.] |          |  |
| NOW40x40       | 760400           | 100                         |          |  |



**Additional information:**

- covers the edges of the wall brackets, protecting fitters from injury
- thanks to a new secure lock, the caps always stay in place
- provide a visually pleasing end to a channel or wall bracket

| Protective cap |                  | NO40x40N                    | mat.: PE |  |
|----------------|------------------|-----------------------------|----------|--|
| code           | catalogue number | quantity per package [pcs.] |          |  |
| NO40x40N       | 760510           | 100                         |          |  |



**Use:**

Protection of the fitter from injury from steel edges, improving visual aspect.

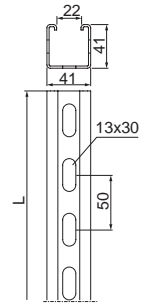
## Support Channel

CMP41H41...

mat.: S

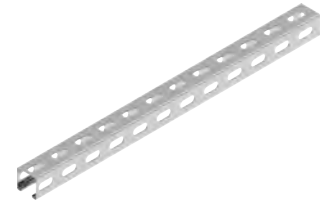
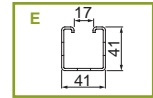
option: E, L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|



Material thickness = 1.5 mm

|             |        |      |      |    |
|-------------|--------|------|------|----|
| CMP41H41/02 | 644102 | 200  | 0.26 | 30 |
| CMP41H41/03 | 644103 | 300  | 0.40 | 30 |
| CMP41H41/04 | 644104 | 400  | 0.53 | 30 |
| CMP41H41/05 | 644105 | 500  | 0.66 | 30 |
| CMP41H41/06 | 644106 | 600  | 0.80 | 30 |
| CMP41H41/07 | 644107 | 700  | 0.92 | 30 |
| CMP41H41/08 | 644108 | 800  | 1.06 | 30 |
| CMP41H41/09 | 644109 | 900  | 1.19 | 30 |
| CMP41H41/1  | 644110 | 1000 | 1.32 | 8  |
| CMP41H41/2  | 644120 | 2000 | 2.64 | 8  |
| CMP41H41/3  | 644130 | 3000 | 3.96 | 8  |
| CMP41H41/6  | 644160 | 6000 | 7.92 | 8  |



### Use:

For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT..., WMCN..., WMC/WMCO...

### Additional information:

- for order of more than 200 pcs., can be made in other lengths and thicknesses
- use SGK10x16 or SGM10x16 bolts to join the channel with the connector
- option E for sections up to 3 m
- E - made of stainless steel

## Connector

LC41H41

mat.: S

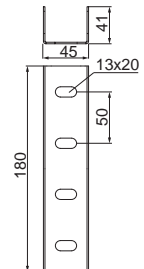
option: E, L

| code | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|-------------------|-----------------------------|
|------|------------------|-------------------|-----------------------------|



Material thickness = 1.5 mm

|         |        |      |    |
|---------|--------|------|----|
| LC41H41 | 644411 | 0.30 | 50 |
|---------|--------|------|----|



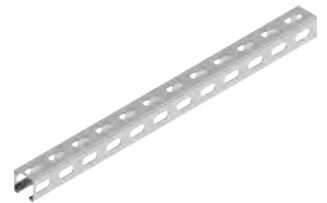
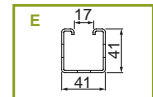
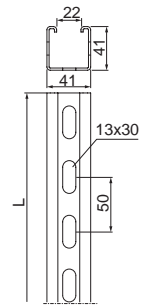
### Use:

Connecting CM...41H41 channels.

| Support Channel                    | CMC41H41...      | mat.: S          | option: L         |                             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |  |
| CMC41H41/02                        | 644202           | 200              | 0.35              | 30                          |  |
| CMC41H41/03                        | 644203           | 300              | 0.53              | 30                          |  |
| CMC41H41/04                        | 644204           | 400              | 0.71              | 30                          |  |
| CMC41H41/05                        | 644205           | 500              | 0.89              | 30                          |  |
| CMC41H41/06                        | 644206           | 600              | 1.06              | 30                          |  |
| CMC41H41/07                        | 644207           | 700              | 1.24              | 30                          |  |
| CMC41H41/08                        | 644208           | 800              | 1.41              | 30                          |  |
| CMC41H41/09                        | 644209           | 900              | 1.60              | 30                          |  |
| CMC41H41/1                         | 644210           | 1000             | 1.78              | 8                           |  |
| CMC41H41/2                         | 644220           | 2000             | 3.56              | 8                           |  |
| CMC41H41/3                         | 644230           | 3000             | 5.34              | 8                           |  |
| CMC41H41/6                         | 644260           | 6000             | 10.68             | 8                           |  |

**Additional information:**

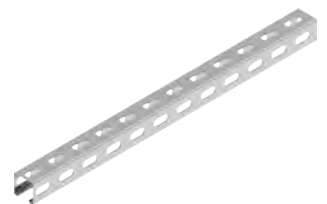
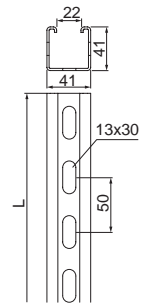
- use SGKM10x16 or SGM10x16 bolts to join the channel with the connector
- possibility to order any sections up to 6 m
- E – made of stainless steel



| Support Channel                    | CMM41H41...      | mat.: S          | option: L         |                             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.5 mm</b> |                  |                  |                   |                             |  |
| CMM41H41/3                         | 644330           | 3000             | 6.66              | 8                           |  |
| CMM41H41/6                         | 644360           | 6000             | 13.32             | 8                           |  |

**Additional information:**

- for order of more than 200 pcs., can be made in other lengths and thicknesses
- use SGKM10x16 or SGM10x16 bolts to join the channel with the connector



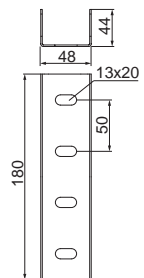
| Support Channel                    | CMT41H41...      | mat.: S          | option: L         |                             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |  |
| CMT41H41/3                         | 644430           | 3000             | 7.92              | 4                           |  |
| CMT41H41/6                         | 644460           | 6000             | 15.84             | 4                           |  |

**Use:**

For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT..., WMCN..., WMC/WMCO...

**Additional information:**

- for order of more than 200 pcs., can be made in other lengths and thicknesses
- use SGKM10x20 or SGM10x20 bolts to join the channel with the connector



| Connector                          | LCT41H41         | mat.: S           | option: L                   |  |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |  |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |  |  |
| LCT41H41                           | 644421           | 0.52              | 50                          |  |  |

**Use:**

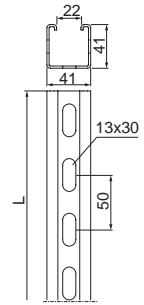
Connecting CM...41H41 channels.



## Support Channel

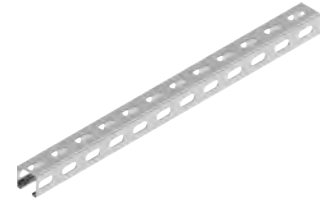
**CMP41H41...F** mat.: F option: L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|



**Material thickness = 1.5 mm**

|              |        |      |      |    |
|--------------|--------|------|------|----|
| CMP41H41/02F | 621102 | 200  | 0.26 | 30 |
| CMP41H41/03F | 621103 | 300  | 0.40 | 30 |
| CMP41H41/04F | 621104 | 400  | 0.53 | 30 |
| CMP41H41/05F | 621105 | 500  | 0.66 | 30 |
| CMP41H41/06F | 621106 | 600  | 0.80 | 30 |
| CMP41H41/07F | 621107 | 700  | 0.92 | 30 |
| CMP41H41/08F | 621108 | 800  | 1.06 | 30 |
| CMP41H41/09F | 621109 | 900  | 1.19 | 30 |
| CMP41H41/1F  | 621110 | 1000 | 1.32 | 8  |
| CMP41H41/2F  | 621122 | 2000 | 2.64 | 8  |
| CMP41H41/3F  | 621132 | 3000 | 3.96 | 8  |
| CMP41H41/6F  | 621162 | 6000 | 7.92 | 8  |



## Support Channel

**CMC41H41...F** mat.: F option: L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|



**Material thickness = 2.0 mm**

|             |        |      |       |   |
|-------------|--------|------|-------|---|
| CMC41H41/2F | 621222 | 2000 | 3.56  | 8 |
| CMC41H41/3F | 621232 | 3000 | 5.34  | 8 |
| CMC41H41/6F | 621262 | 6000 | 10.68 | 8 |

### Use:

For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT..., WMCN..., WMC/WMCO...

### Additional information:

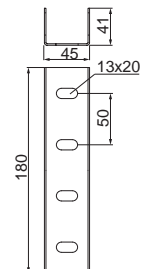
- for order of more than 200 pcs., can be made in other lengths and thicknesses
- use SGKFM10x16 bolts to join the channel with the connector



## Connector

**LC41H41F** mat.: F option: L

| code | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|-------------------|-----------------------------|
|------|------------------|-------------------|-----------------------------|



**Material thickness = 1.5 mm**

|          |        |      |    |
|----------|--------|------|----|
| LC41H41F | 621541 | 0.30 | 50 |
|----------|--------|------|----|

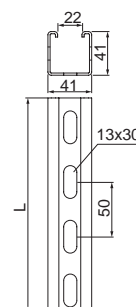
### Use:

Connecting CM...41H41F channels.



**Support Channel**                      **CMM41H41...F**      mat.: F      option: L

| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| <b>Material thickness = 2.5 mm</b> |                  |                  |                   |                             |
| <b>CMM41H41/3F</b>                 | <b>621330</b>    | 3000             | 6.66              | 8                           |
| <b>CMM41H41/6F</b>                 | <b>621360</b>    | 6000             | 13.32             | 8                           |

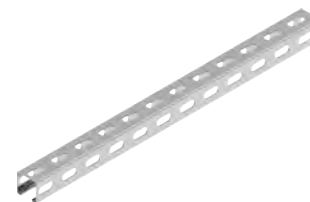


**Additional information:**

- for order of more than 200 pcs., can be made in other lengths and thicknesses
- use SGKFM10x16 bolts to join the channel with the connector

**Support Channel**                      **CMT41H41...F**      mat.: F      option: L

| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |
| <b>CMT41H41/3F</b>                 | <b>612432</b>    | 3000             | 7.92              | 4                           |
| <b>CMT41H41/6F</b>                 | <b>612461</b>    | 6000             | 15.84             | 4                           |



**Use:**

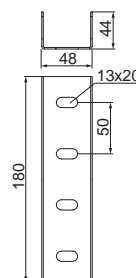
For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSZN... (for th. ≥ 2 mm), WTL..., WWT..., WPL..., WPT..., WMCN..., WMC/WMCO...

**Additional information:**

- for order of more than 200 pcs., can be made in other lengths and thicknesses
- use SGKFM10x20 bolts to join the channel with the connector

**Connector**                                  **LCT41H41F**                      mat.: F                      option: L

| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
|------------------------------------|------------------|-------------------|-----------------------------|
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| <b>LCT41H41F</b>                   | <b>621641</b>    | 0.52              | 50                          |



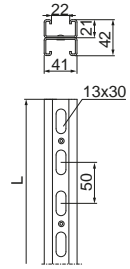
**Use:**

Connecting CM...41H41F channels.





| Support Channel Double             |                  | CMPC41H42...     | mat.: S           | option: L                   |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |
| CMPC41H42/3                        | 645530           | 3000             | 9.36              | 8                           |
| CMPC41H42/6                        | 645560           | 6000             | 18.72             | 4                           |



| Support Channel Double             |                  | CMPM41H42...     | mat.: S           | option: L                   |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 2.5 mm</b> |                  |                  |                   |                             |
| CMPM41H42/3                        | 646630           | 3000             | 12.60             | 8                           |
| CMPM41H42/6                        | 646660           | 6000             | 25.20             | 4                           |



**Additional information:**

- standard riveting spacing 200 mm
- option E for sections up to 3 m
- for order over 200 pcs., possibility to make in other lengths
- bases used for channels: PSCN, PSDN, and PSDDN
- use SRM10x20 bolts to join the channel with the connector

| Support Channel Double             |                  | CMPC41H42...F    | mat.: F           | option: L                   |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |
| CMPC41H42/3F                       | 617002           | 3000             | 9.36              | 8                           |



| Support Channel Double             |                  | CMPM41H42...F    | mat.: F           | option: L                   |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 2.5 mm</b> |                  |                  |                   |                             |
| CMPM41H42/3F                       | 617005           | 3000             | 12.60             | 8                           |
| CMPM41H42/6F                       | 617006           | 6000             | 25.20             | 4                           |



**Use:**

As a structural element for mounting cable ladders and trays and mounting wall brackets with infinitely adjustable mounting height: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WTL..., WWT..., WPL..., WPT...

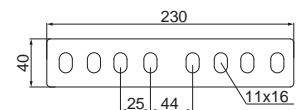
For mounting, use PZC channel plates... and NR channel nuts...

**Additional information:**

- standard riveting spacing 200 mm
- for order over 200 pcs., possibility to make in other lengths
- bases used for channels: PSCN, PSDN, and PSDDN
- use SRM10x20 bolts to join the channel with the connector



| Channel connector                  |                  | LCTV1             | mat.: FP                    | option: E, L |
|------------------------------------|------------------|-------------------|-----------------------------|--------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |              |
| <b>Material thickness = 5.0 mm</b> |                  |                   |                             |              |
| LCTV1                              | 664001           | 0.32              | 20                          |              |



**Use:**

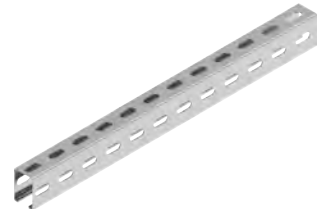
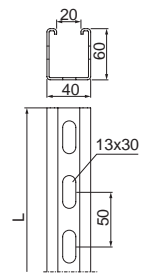
Building free standing structures based on channels with the width of 40 and 41 mm.

**Additional information:**

- quick way to form spatial structures from channels
- perforation adapted to all 40H40 and 41H41 channels



| Support Channel                    |                  | CMC40H60...      | mat.: S           | option: F, L                |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |  |
| CMC40H60/3                         | 616630           | 3000             | 7.80              | 4                           |  |
| CMC40H60/6                         | 616660           | 6000             | 15.60             | 4                           |  |

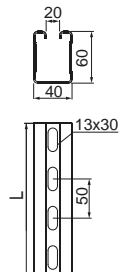


| Support Channel                    |                  | CMT40H60...      | mat.: S           | option: F, L                |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |  |
| CMT40H60/3                         | 616633           | 3000             | 10.75             | 4                           |  |
| CMT40H60/6                         | 616663           | 6000             | 21.50             | 2                           |  |

**Use:**  
For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSZN..., WTL..., WWT..., WPL..., WPT..., WMCN..., WMC/WMCO...

- Additional information:**
- possibility to order any sections up to 6 m
  - use SGK10x20 or SGM10x20 bolts to join the channel with the connector

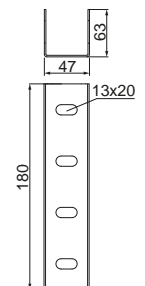
| Support Channel                    |                  | CTMC40H60...     | mat.: S           | option: F, L                |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |  |
| CTMC40H60/3                        | 640230           | 3000             | 8.78              | 2                           |  |
| CTMC40H60/6                        | 640260           | 6000             | 17.57             | 1                           |  |



**Use:**  
For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSZN..., WTL..., WWT..., WPL..., WPT..., WMCN..., WMC/WMCO..., WWCN..., WWC..., WMCT..., WWCT/WWCTO..., WWV...

- Additional information:**
- for large orders, it is possible to make the channel from sheet metal with a thickness of 1.5; 2.5 mm
  - use SGK10x20 or SGM10x20 bolts to join the channel with the connector

| Channel connector                  |                  | LCT40H60          | mat.: S                     | option: F, L |  |
|------------------------------------|------------------|-------------------|-----------------------------|--------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |              |  |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |              |  |
| LCT40H60                           | 660403           | 0.70              | 20                          |              |  |



**Use:**  
Connecting channels.

| Protective Cap |                  | NO40x60                     | mat.: PE |  |
|----------------|------------------|-----------------------------|----------|--|
| code           | catalogue number | quantity per package [pcs.] |          |  |
| NO40x60        | 670801           | 100                         |          |  |



**Use:**  
Protection of the fitter from injury from steel edges, improving visual aspect.





### Support Channel

**CMT40H80...N** mat.: S option: F, L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|

**Material thickness = 3.0 mm**

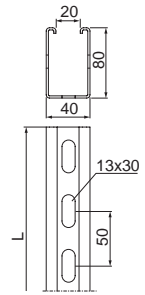
|                    |               |      |       |   |
|--------------------|---------------|------|-------|---|
| <b>CMT40H80/3N</b> | <b>610136</b> | 3000 | 14.20 | 2 |
| <b>CMT40H80/6N</b> | <b>610166</b> | 6000 | 28.40 | 1 |

#### Use:

For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WS..., WZS..., WSZN..., WTL..., WWT..., WPL..., WPT..., WMCN..., WMC/WMCO...

#### Additional information:

- on large order possibility to make any length up to 6 m
- use SGKM10x20 or SGM10x20 bolts to join the channel with the connector



### Support Channel

**CTMT40H80...** mat.: S option: F, L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|

**Material thickness = 3.0 mm**

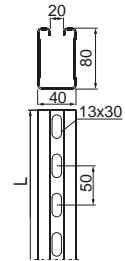
|                    |               |      |       |   |
|--------------------|---------------|------|-------|---|
| <b>CTMT40H80/6</b> | <b>640560</b> | 6000 | 31.10 | 1 |
|--------------------|---------------|------|-------|---|

#### Use:

For hanging lamps and as a structural element for mounting ladders and cable trays. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSZN..., WTL..., WWT..., WPL..., WPT..., WMCN..., WMC/WMCO..., WWCN..., WWC..., WMCT..., WWCT/WWCTO..., WWV...

#### Additional information:

- product available for order over 200 pcs.
- for large orders, it is possible to make the channel from sheet metal with a thickness of 1.5; 2.5 mm
- use SGKM10x20 or SGM10x20 bolts to join the channel with the connector



### Channel connector

**LCT40H80** mat.: S option: F, L

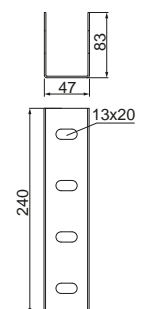
| code | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|-------------------|-----------------------------|
|------|------------------|-------------------|-----------------------------|

**Material thickness = 3.0 mm**

|                 |               |      |    |
|-----------------|---------------|------|----|
| <b>LCT40H80</b> | <b>660404</b> | 1.30 | 20 |
|-----------------|---------------|------|----|

#### Use:

Connecting channels.



## Support Channel Double CMPC41H82... mat.: S option: E, L

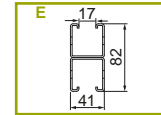
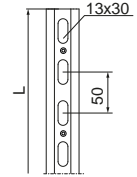
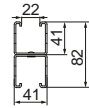
| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|

Material thickness = 2.0 mm

|             |        |      |       |   |
|-------------|--------|------|-------|---|
| CMPC41H82/3 | 647730 | 3000 | 10.68 | 8 |
| CMPC41H82/6 | 647760 | 6000 | 21.36 | 4 |

### Additional information:

- E - made of stainless steel



## Support Channel Double CMPM41H82... mat.: S option: L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|

Material thickness = 2.5 mm

|             |        |      |       |   |
|-------------|--------|------|-------|---|
| CMPM41H82/3 | 648830 | 3000 | 13.34 | 8 |
| CMPM41H82/6 | 648840 | 6000 | 26.68 | 4 |

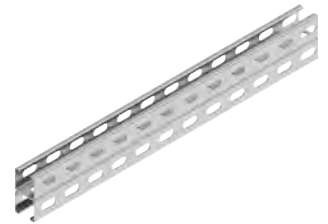


## Support Channel Double CMPC41H82...F mat.: F option: L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|

Material thickness = 2.0 mm

|              |        |      |       |   |
|--------------|--------|------|-------|---|
| CMPC41H82/3F | 617008 | 3000 | 10.68 | 8 |
| CMPC41H82/6F | 617009 | 6000 | 21.36 | 4 |



## Support Channel Double CMPM41H82...F mat.: F option: L

| code | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|------------------|-------------------|-----------------------------|
|------|------------------|------------------|-------------------|-----------------------------|

Material thickness = 2.5 mm

|              |        |      |       |   |
|--------------|--------|------|-------|---|
| CMPM41H82/2F | 617010 | 2000 | 8.90  | 8 |
| CMPM41H82/3F | 617011 | 3000 | 13.34 | 8 |
| CMPM41H82/6F | 617012 | 6000 | 26.68 | 4 |



### Use:

As a structural element for mounting cable ladders and trays and mounting wall brackets with infinitely adjustable mounting height: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WTL..., WWT..., WPL..., WPT...

For mounting, use PZC channel plates... and NR channel nuts...

### Additional information:

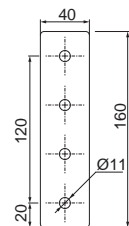
- standard riveting spacing 200 mm
- for order over 200 pcs., possibility to make in other lengths
- use SRM10x20 bolts to join the channel with the connector
- base used for channels: PSM

## Channel connector LCP3 mat.: FP option: E, L

| code | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|-------------------|-----------------------------|
|------|------------------|-------------------|-----------------------------|

Material thickness = 6.0 mm

|      |        |      |    |
|------|--------|------|----|
| LCP3 | 662300 | 0.30 | 50 |
|------|--------|------|----|

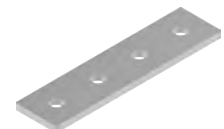


### Use:

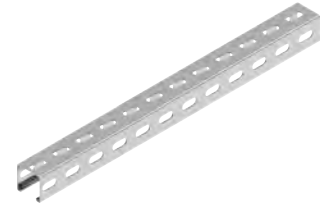
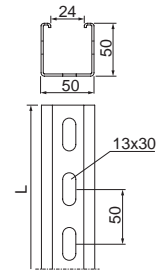
Building free standing structures based on channels with the width of 40 and 41 mm.

### Additional information:

- for mounting we propose SRM10... in the quantity according to the number of holes in the connector



| Support Channel                    |                  | CMP50H50...      | mat.: S           | option: F, L                |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                             |  |
| CMP50H50/2                         | 616720           | 2000             | 3.80              | 8                           |  |
| CMP50H50/3                         | 616730           | 3000             | 5.70              | 4                           |  |
| CMP50H50/6                         | 616760           | 6000             | 11.40             | 4                           |  |



| Support Channel                    |                  | CMC50H50...      | mat.: S           | option: F, L                |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |  |
| CMC50H50/3                         | 616830           | 3000             | 8.04              | 4                           |  |
| CMC50H50/6                         | 616860           | 6000             | 16.08             | 4                           |  |

**Additional information:**

- possibility to order any sections up to 6 m
- use SGK10x16 or SGM10x16 bolts to join the channel with the connector

| Support Channel                    |                  | CMT50H50...      | mat.: S           | option: F, L                |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |  |
| CMT50H50/3                         | 616832           | 3000             | 10.05             | 4                           |  |

**Use:**

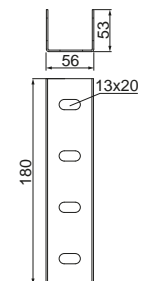
Forming of load-bearing structures. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSZN... (for th. ≥ 2 mm), WPL..., WPT..., WMCN..., WMC/WMCO..., WWCN..., WWC..., WMCT..., WWCT/WWCTO..., WWV...

**Additional information:**

- possibility to order any sections up to 6 m
- use SGK10x20 or SGM10x20 bolts to join the channel with the connector



| Connector                          |                  | LCM50H50          | mat.: S                     | option: F, L |  |
|------------------------------------|------------------|-------------------|-----------------------------|--------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |              |  |
| <b>Material thickness = 1.5 mm</b> |                  |                   |                             |              |  |
| LCM50H50                           | 668100           | 0.34              | 50                          |              |  |



**Use:**

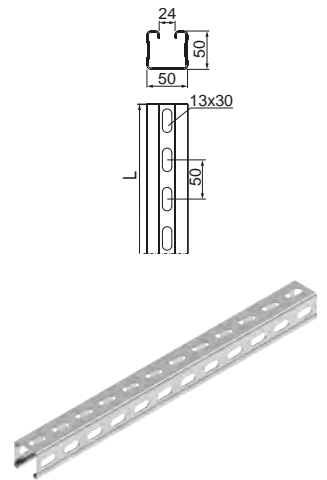
Connecting channels.

| Support Channel                    | CTMC50H50...     | mat.: S          | option: F, L      |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |
| CTMC50H50/6                        | 640660           | 6000             | 16.61             | 1                           |

| Support Channel                    | CTMT50H50...     | mat.: S          | option: F, L      |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |
| CTMT50H50/6                        | 640760           | 6000             | 23.90             | 1                           |

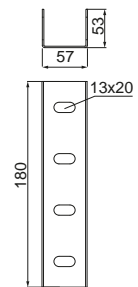
**Use:**  
Forming of load-bearing structures. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSN..., WPL..., WPT..., WMCN..., WMC/WMCO..., WWCN..., WWC..., WMCT..., WWCT/WWCTO..., WWV...

- Additional information:**
- for large orders, it is possible to make the channel from sheet metal with a thickness of 1.5; 2.5 mm
  - use SGKM10x20 or SGM10x20 bolts to join the channel with the connector



| Channel connector                  | LCTT50H50        | mat.: S           | option: F, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| LCTT50H50                          | 640006           | 0.65              | 20                          |

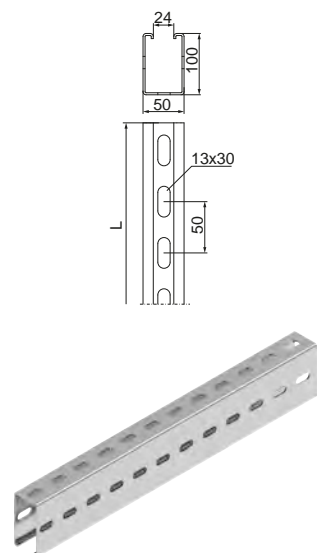
**Use:**  
Connecting channels.



| Support Channel                    | CMT50H100...     | mat.: S          | option: F, L      |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |
| CMT50H100/3                        | 610336           | 3000             | 15.92             | 1                           |
| CMT50H100/6                        | 610366           | 6000             | 35.84             | 1                           |

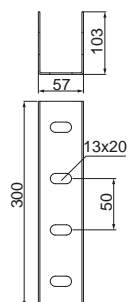
**Use:**  
Forming of load-bearing structures. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSN..., WPL..., WPT..., WMCN..., WMC/WMCO..., WWCN..., WWC..., WMCT..., WWCT/WWCTO..., WWV...

- Additional information:**
- on large order possibility to make any length up to 6 m
  - use SGKM10x20 or SGM10x20 bolts to join the channel with the connector



| Channel connector                  | LCT50H100        | mat.: S           | option: F, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| LCT50H100                          | 660405           | 1.67              | 20                          |

**Use:**  
Connecting channels.

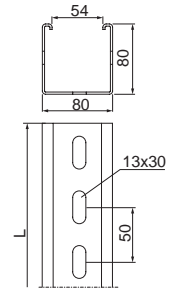




| Support Channel                    | CMT80H80...      | mat.: S          | option: F, L      |                             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |  |
| CMT80H80/3                         | 640831           | 3000             | 17.20             | 1                           |  |
| CMT80H80/6                         | 640861           | 6000             | 34.40             | 1                           |  |

**Additional information:**

- for large orders it is possible to order any sections up to 6 m
- use SGKM10x20 or SGM10x20 bolts to join the channel with the connector



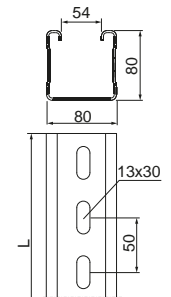
| Support Channel                    | CTMT80H80...     | mat.: S          | option: F, L      |                             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |  |
| CTMT80H80/6                        | 640860           | 6000             | 36.86             | 1                           |  |

**Use:**

Forming of load-bearing structures. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSZN..., WPL..., WPT..., WMCN..., WMC/WMCO..., WWCN..., WWC..., WMCT..., WWCT/WWCTO..., WWV...

**Additional information:**

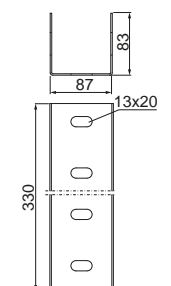
- for large orders, it is possible to make the channel from sheet metal with a thickness of 1.5; 2.5 mm
- product available for order over 100 pcs.



| Channel connector                  | LCTT80H80        | mat.: S           | option: F, L                |  |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |  |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |  |  |
| LCTT80H80                          | 640008           | 1.56              | 20                          |  |  |

**Use:**

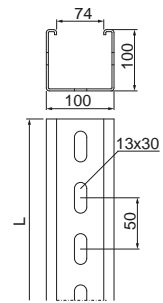
Connecting channels.



| Support Channel                    | CMT100H100...    | mat.: S          | option: F, L      |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |
| CMT100H100/6                       | 641061           | 6000             | 43.04             | 1                           |

**Additional information:**

- possibility to order any sections up to 6 m
- use SGKM10x20 or SGM10x20 bolts to join the channel with the connector



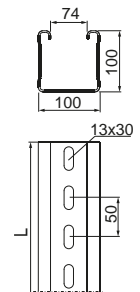
| Support Channel                    | CTMT100H100...   | mat.: S          | option: F, L      |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |
| CTMT100H100/3                      | 641030           | 3000             | 22.75             | 1                           |
| CTMT100H100/6                      | 641060           | 6000             | 45.50             | 1                           |

**Use:**

Forming of load-bearing structures. As a support element for wall brackets: WWSR..., WW..., WWS/WWSO..., WU/WUO..., WWSN..., WSN..., WPL..., WPT..., WMCN..., WMC/WMCO..., WWCN..., WWC..., WMCT..., WWCT/WWCTO..., WWV...

**Additional information:**

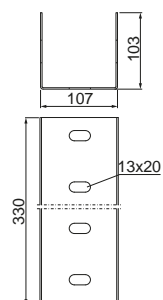
- for large orders, it is possible to make the channel from sheet metal with a thickness of 1.5; 2.5 mm
- use SGKM10x20 or SGM10x20 bolts to join the channel with the connector



| Channel connector                  | LCTT100H100      | mat.: S           | option: F, L                |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |  |
| LCTT100H100                        | 640012           | 2.38              | 10                          |  |

**Use:**

Connecting channels.





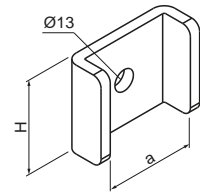
## Assembly Plate

PZCS...

mat.: F

option: L

| code                               | catalogue number | dimension a/H [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------------------------------------|------------------|--------------------|-------------------|-----------------------------|
| <b>Material thickness = 6.0 mm</b> |                  |                    |                   |                             |
| PZCS50                             | 750450           | 52/50              | 0.22              | 50                          |
| PZCS80                             | 750480           | 82/54              | 0.32              | 50                          |
| PZCS100                            | 750500           | 102/66             | 0.45              | 25                          |



### Use:

To protect the reinforced or support channel from bending during the mounting wall brackets to the open side of the channel.

### Additional information:

- PZCS50 fits NPZCS50 nut and 50 mm wide channels
- PZCS80 fits NPZCS80 nut and 80 mm wide channels
- PZCS100 fits NPZCS100 nut and 100 mm wide channels

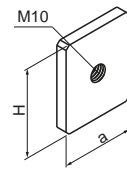
## Channel plate nut

NPZCS...

mat.: F

option: L

| code                               | catalogue number | dimension a/H [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------------------------------------|------------------|--------------------|-------------------|-----------------------------|
| <b>Material thickness = 6.0 mm</b> |                  |                    |                   |                             |
| NPZCS50                            | 750451           | 41/50              | 0.10              | 50                          |
| <b>Material thickness = 8.0 mm</b> |                  |                    |                   |                             |
| NPZCS80                            | 750481           | 71/54              | 0.23              | 50                          |
| NPZCS100                           | 750501           | 91/66              | 0.37              | 50                          |



### Use:

Mounting wall brackets to the open side of a reinforced or support channel using a PZCS channel plate...

### Additional information:

- NPZCS50 fits PZCS50 channel plate and 50 mm wide channels
- NPZCS80 fits PZCS80 channel plate and 80 mm wide channels
- NPZCS100 fits PZCS100 channel plate and 100 mm wide channels

## Assembly Plate

PZC...

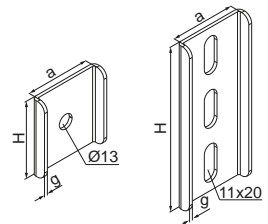
mat.: S, FP

option: FP, E, L

| code      | catalogue number | dimension a/H/g [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|-----------|------------------|----------------------|-------------------|-----------------------------|
| PZC40     | 750300           | 40/40/2              | 0.03              | 100                         |
| PZC100    | 750400           | 40/100/2             | 0.09              | 100                         |
| PZC50     | * 750301         | 50/50/4              | 0.05              | 100                         |
| PZC100/50 | * 750401         | 50/100/4             | 0.14              | 100                         |

### Additional information:

- \* - standard coating for PZC50 and PZC100/50 - FP



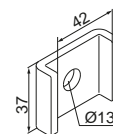
## Assembly Plate

PZV41

mat.: FP

option: E, L

| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
|------------------------------------|------------------|-------------------|-----------------------------|
| <b>Material thickness = 5.0 mm</b> |                  |                   |                             |
| PZV41                              | 750302           | 0.03              | 100                         |



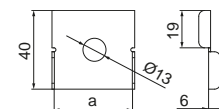
### Use:

To protect the reinforced or support channel from bending during the mounting wall brackets to the open side of the channel.

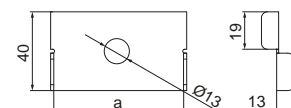
### Additional information:

- PZV41 channel plate fits 40 and 41 mm wide channels
- use with NRM10 or NW nuts...

| Positioning Plate                  |                  | PUC...           | mat.: S           | option: FP, E, L            |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension a [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                             |
| PUC30                              | 661203           | 31               | 0.03              | 100                         |
| PUC40                              | 661204           | 41               | 0.04              | 100                         |
| PUC50                              | 661205           | 51               | 0.04              | 100                         |

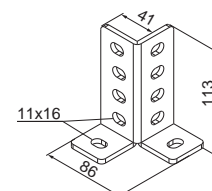


| Positioning Plate                  |                  | PUCT...          | mat.: S           | option: FP, E, L            |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension a [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                             |
| PUCT80                             | 661206           | 81               | 0.10              | 100                         |
| PUCT100                            | 661207           | 101              | 0.12              | 100                         |



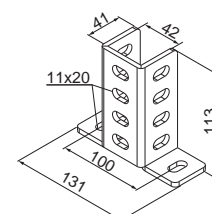
**Use:**  
Determining the position of channels in relation to each other during turning.

| Base plate                         |                  | PVK               | mat.: F                     | option: E, L |
|------------------------------------|------------------|-------------------|-----------------------------|--------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |              |
| <b>Material thickness = 5.0 mm</b> |                  |                   |                             |              |
| PVK                                | 661306           | 0.33              | 10                          |              |



**Use:**  
Building free standing structures based on channels with the width of 40 and 41 mm.

| Base plate                         |                  | PVC               | mat.: F                     | option: E, L |
|------------------------------------|------------------|-------------------|-----------------------------|--------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |              |
| <b>Material thickness = 5.0 mm</b> |                  |                   |                             |              |
| PVC                                | 661307           | 0.56              | 10                          |              |



**Use:**  
Building free standing structures based on channels with the width of 40 and 41 mm.



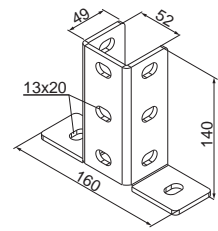


# SUPPORTING AND ASSEMBLY ELEMENTS - CHANNELS ACCESSORIES



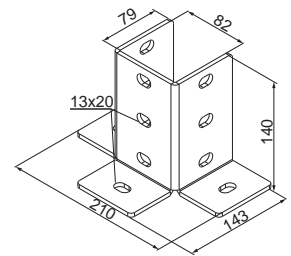
| Base plate                         | PVC50            | mat.: F           | option: E, L                |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 5.0 mm</b> |                  |                   |                             |  |
| PVC50                              | 661320           | 1.10              | 10                          |  |

**Use:**  
Building free standing structures based on channels with the width of 50 mm.



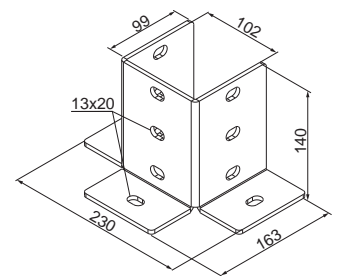
| Base plate                         | PVC80            | mat.: F           | option: E, L                |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 5.0 mm</b> |                  |                   |                             |  |
| PVC80                              | 661309           | 1.80              | 10                          |  |

**Use:**  
Building free standing structures based on channels with the width of 80 mm.



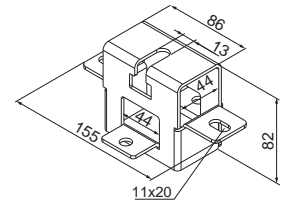
| Base plate                         | PVC100           | mat.: F           | option: E, L                |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 5.0 mm</b> |                  |                   |                             |  |
| PVC100                             | 661310           | 2.30              | 10                          |  |

**Use:**  
Building free standing structures based on channels with the width of 100 mm.



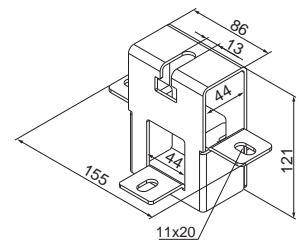
| Cross connector                    | LK22             | mat.: S           | option: FP, E, L            |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| LK22                               | 661304           | 0.53              | 6                           |

**Use:**  
Building free standing structures based on on channels with the width of 40 and 41 mm and heights of 21 and 22 mm.



| Cross connector                    | LK40             | mat.: S           | option: FP, E, L            |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| LK40                               | 661305           | 0.70              | 4                           |

**Use:**  
Building free standing structures based on channels with the width of 40 and 41 mm.

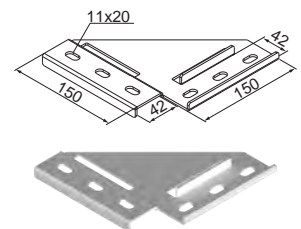


| Corner Connector                   | UNW              | mat.: S           | option: F, E, L             |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| UNW                                | 661308           | 0.66              | 10                          |

**Use:**  
Building free standing structures based on channels with the width of 40 and 41 mm.

**Additional information:**

- the connector fits channels of type: CTM...40H40, CW...40H40 and CM...41H41

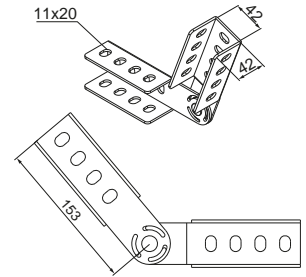




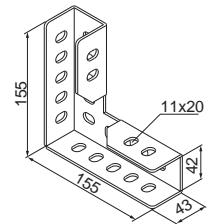
# SUPPORTING AND ASSEMBLY ELEMENTS - CHANNELS ACCESSORIES



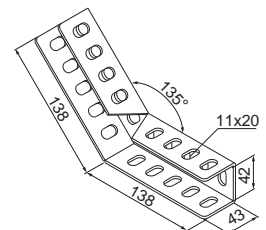
| <b>Articulated connector</b>       |                  |                   |                             |
|------------------------------------|------------------|-------------------|-----------------------------|
|                                    | <b>LWP</b>       | mat.: S           | option: F, E, L             |
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| <b>LWP</b>                         | <b>661303</b>    | 0.53              | 10                          |



| <b>Angle Connector 90°</b>         |                  |                   |                             |
|------------------------------------|------------------|-------------------|-----------------------------|
|                                    | <b>LWK90</b>     | mat.: S           | option: F, E, L             |
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| <b>LWK90</b>                       | <b>661301</b>    | 0.65              | 10                          |



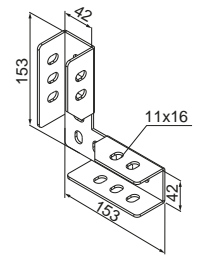
| <b>Angle Connector 45°</b>         |                  |                   |                             |
|------------------------------------|------------------|-------------------|-----------------------------|
|                                    | <b>LWK45</b>     | mat.: S           | option: F, E, L             |
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| <b>LWK45</b>                       | <b>661302</b>    | 0.70              | 10                          |



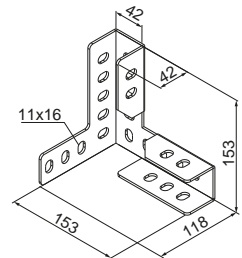
**Use:**  
Building free standing structures based on channels with the width of 40 and 41 mm.

**Additional information:**  
– the connector fits channels of type: CTM...40H40, CW...40H40 and CM...41H41

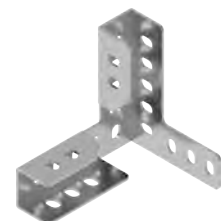
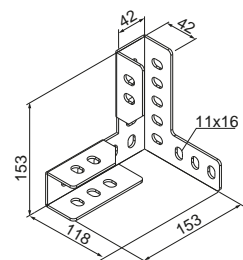
| Angle Connector                    | LCWL             | mat.: S           | option: F, E, L             |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| LCWL                               | 661401           | 0.55              | 10                          |



| Angle Connector - Left             | LCWLL            | mat.: S           | option: F, E, L             |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| LCWLL                              | 661402           | 0.64              | 10                          |



| Angle Connector - Right            | LCWLP            | mat.: S           | option: F, E, L             |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |
| LCWLP                              | 661412           | 0.64              | 10                          |



**Use:**

Building free standing structures based on channels with the width of 40 and 41 mm.

**Additional information:**

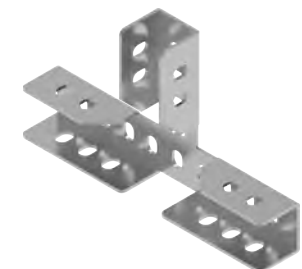
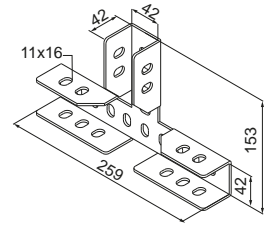
- quick way to form spatial structures from channels
- cut-outs that allow channels to be mounted "to the face" or through
- perforation adapted to all 40H40 and 41H41 channels
- can be bolted with standard bolts on each side of the channel



# SUPPORTING AND ASSEMBLY ELEMENTS - CHANNELS ACCESSORIES

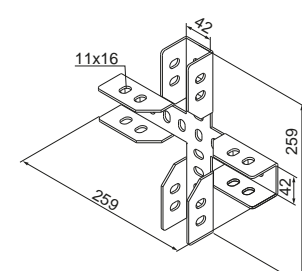


| Tee Connector                      |                  | LCWT              | mat.: S                     | option: F, E, L |
|------------------------------------|------------------|-------------------|-----------------------------|-----------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |                 |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |                 |
| LCWT                               | 661403           | 0.78              | 10                          |                 |



**Additional information:**  
 – quick way to form spatial structures from channels

| Cross-over Connector               |                  | LCWCZ             | mat.: S                     | option: F, E, L |
|------------------------------------|------------------|-------------------|-----------------------------|-----------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |                 |
| <b>Material thickness = 3.0 mm</b> |                  |                   |                             |                 |
| LCWCZ                              | 661404           | 0.97              | 10                          |                 |

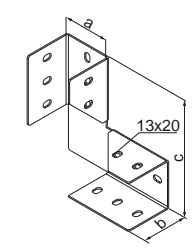


**Use:**  
 Building free standing structures based on channels with the width of 40 and 41 mm.

**Additional information:**  
 – quick way to form spatial structures from channels  
 – cut-outs that allow channels to be mounted "to the face" or through  
 – perforation adapted to all 40H40 and 41H41 channels  
 – can be bolted with standard bolts on each side of the channel



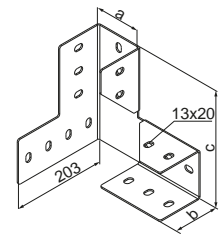
| Angle Connector                    |                  | LCWL...            | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|--------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension a/b [mm] | dimension c [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                    |                  |                   |                             |
| LCWL50                             | 665002           | 52/50              | 203              | 0.94              | 10                          |
| LCWL80                             | 668002           | 82/80              | 233              | 1.58              | 5                           |
| LCWL100                            | 661002           | 102/100            | 253              | 5                 |                             |



**Use:**  
 Building free standing structures based on channels with the width of 50, 80 and 100 mm.

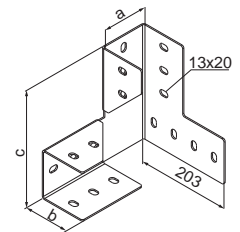
**Angle Connector - Left**      **LCWLL...**      mat.: S      option: F, E, L

| code                               | catalogue number | dimension a/b [mm] | dimension c [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------------------------------------|------------------|--------------------|------------------|-------------------|-----------------------------|
| <b>Material thickness = 3.0 mm</b> |                  |                    |                  |                   |                             |
| LCWLL50                            | 665003           | 52/50              | 203              | 1.15              | 10                          |
| LCWLL80                            | 668003           | 82/80              | 233              | 1.93              | 5                           |
| LCWLL100                           | 661003           | 102/100            | 253              | 2.45              | 5                           |



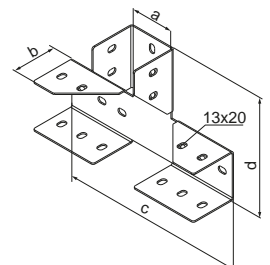
**Angle Connector - Right**      **LCWLP...**      mat.: S      option: F, E, L

| code                               | catalogue number | dimension a/b [mm] | dimension c [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------------------------------------|------------------|--------------------|------------------|-------------------|-----------------------------|
| <b>Material thickness = 3.0 mm</b> |                  |                    |                  |                   |                             |
| LCWLP50                            | 665004           | 52/50              | 203              | 1.15              | 10                          |
| LCWLP80                            | 668004           | 82/80              | 233              | 1.93              | 5                           |
| LCWLP100                           | 661004           | 102/100            | 253              | 2.45              | 5                           |



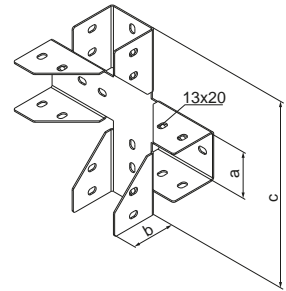
**Tee Connector**      **LCWT...**      mat.: S      option: F, E, L

| code                               | catalogue number | dimension a/b [mm] | dimension c [mm] | dimension d [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------------------------------------|------------------|--------------------|------------------|------------------|-------------------|-----------------------------|
| <b>Material thickness = 3.0 mm</b> |                  |                    |                  |                  |                   |                             |
| LCWT50                             | 665005           | 52/50              | 350              | 203              | 1.36              | 10                          |
| LCWT80                             | 668005           | 82/80              | 380              | 233              | 2.23              | 5                           |
| LCWT100                            | 661005           | 102/100            | 400              | 253              | 2.78              | 5                           |



**Use:**  
Building free standing structures based on channels with the width of 50, 80 and 100 mm.

| Cross-over Connector               |                  | LCWCZ...           | mat.: S          | option: F, E, L   |                             |
|------------------------------------|------------------|--------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension a/b [mm] | dimension c [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 3.0 mm</b> |                  |                    |                  |                   |                             |
| LCWCZ50                            | 665006           | 52/50              | 350              | 1.72              | 10                          |
| LCWCZ80                            | 668006           | 82/80              | 380              | 2.73              | 5                           |
| LCWCZ100                           | 661006           | 102/100            | 400              | 3.33              | 5                           |



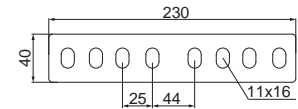
**Use:**  
Building free standing structures based on channels with the width of 50, 80 and 100 mm.

**Additional information:**

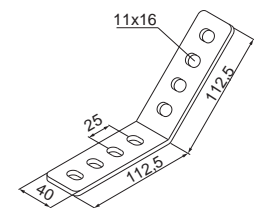
- quick way to form spatial structures from channels
- cut-outs that allow channels to be mounted "to the face" or through
- can be bolted with standard bolts on each side of the channel



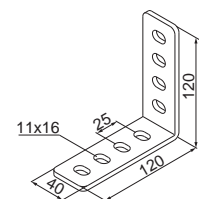
| Channel connector                  |                  | LCTV1             | mat.: FP                    | option: E, L |  |
|------------------------------------|------------------|-------------------|-----------------------------|--------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |              |  |
| <b>Material thickness = 5.0 mm</b> |                  |                   |                             |              |  |
| LCTV1                              | 664001           | 0.32              | 20                          |              |  |



| Channel connector                  |                  | LCTV2             | mat.: FP                    | option: E, L |  |
|------------------------------------|------------------|-------------------|-----------------------------|--------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |              |  |
| <b>Material thickness = 5.0 mm</b> |                  |                   |                             |              |  |
| LCTV2                              | 664003           | 0.32              | 20                          |              |  |



| Channel connector                  |                  | LCTV3             | mat.: FP                    | option: E, L |  |
|------------------------------------|------------------|-------------------|-----------------------------|--------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |              |  |
| <b>Material thickness = 5.0 mm</b> |                  |                   |                             |              |  |
| LCTV3                              | 664005           | 0.32              | 20                          |              |  |

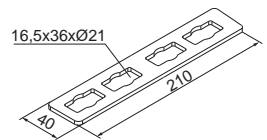


**Use:**  
Building free standing structures based on channels with the width of 40 and 41 mm.

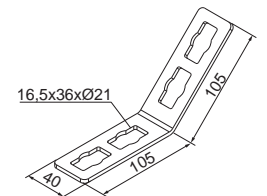
**Additional information:**

- quick way to form spatial structures from channels
- perforation adapted to all 40H40 and 41H41 channels

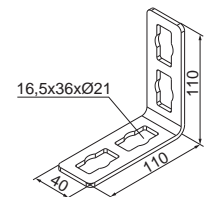
| Channel connector                  | LCSP             | mat.: FP          | option: E, L                |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 4.0 mm</b> |                  |                   |                             |  |
| LCSP                               | 650813           | 0.18              | 20                          |  |



| Channel connector 45°              | LCSP1            | mat.: FP          | option: E, L                |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 4.0 mm</b> |                  |                   |                             |  |
| LCSP1                              | 650811           | 0.18              | 20                          |  |



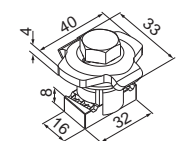
| Channel connector 90°              | LCSP2            | mat.: FP          | option: E, L                |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 4.0 mm</b> |                  |                   |                             |  |
| LCSP2                              | 650812           | 0.19              | 20                          |  |



**Use:**  
For connecting free standing structures based on channels with a width and height of 41 mm using the NSP channel nut.

**Additional information:**  
– accelerates the construction of structures made of 41x41 sections with the use of a rhombus nut for quick mounting NSP.

| Fast Assembly Channel Nut - Rhomboid | NSP              | mat.: G           |                             |  |
|--------------------------------------|------------------|-------------------|-----------------------------|--|
| code                                 | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| NSP                                  | 650810           | 0.08              | 100                         |  |



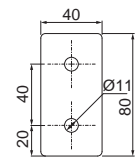
**Use:**  
Quick connection of structures made of channels with height and width of 41 mm on the principle of through mounting using LCSP, LCSP1 and LCSP2 connectors.

**Additional information:**  
– flexible mechanism allows convenient positioning of the fixed element by pushing and sliding  
– the serrated channel nut forms a strong connection, which improves safety  
– quick mounting saves time and effort in both mounting and dismounting

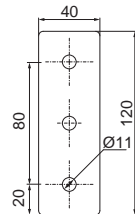




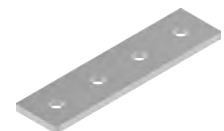
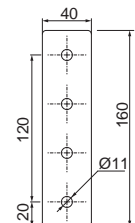
| Channel connector                  | LCP1             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCP1                               | 662100           | 0.15              | 50                          |



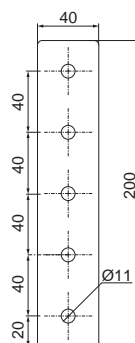
| Channel connector                  | LCP2             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCP2                               | 662200           | 0.25              | 50                          |



| Channel connector                  | LCP3             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCP3                               | 662300           | 0.30              | 50                          |



| Channel connector                  | LCP4             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCP4                               | 662400           | 0.40              | 50                          |



**Use:**

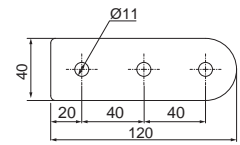
Building free standing structures based on channels with the width of 40 and 41 mm.

**Additional information:**

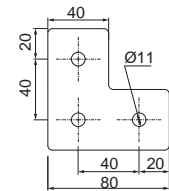
– for mounting we propose SRM10... in the quantity according to the number of holes in the connector



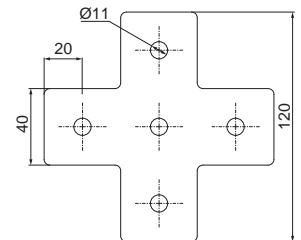
| Channel connector                  | LCP5             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCP5                               | 662500           | 0.22              | 30                          |



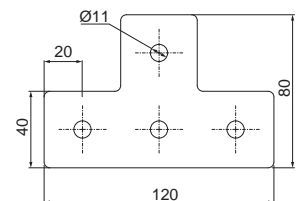
| Channel connector                  | LCP6             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCP6                               | 662600           | 0.25              | 30                          |



| Channel connector                  | LCP7             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCP7                               | 662700           | 0.40              | 30                          |



| Channel connector                  | LCP8             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCP8                               | 662800           | 0.30              | 30                          |



**Use:**

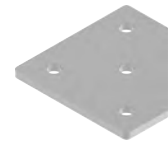
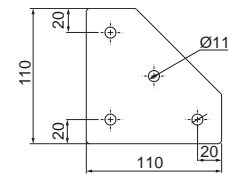
Building free standing structures based on channels with the width of 40 and 41 mm.

**Additional information:**

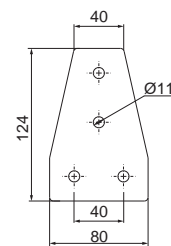
– for mounting we propose SRM10... in the quantity according to the number of holes in the connector



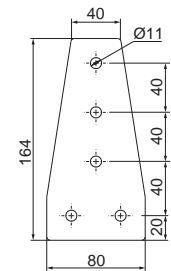
| Channel connector                  | LCP9             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCP9                               | 662900           | 0.40              | 30                          |



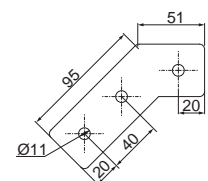
| Channel connector                  | LCP11            | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCP11                              | 663100           | 0.35              | 30                          |



| Channel connector                  | LCP12            | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCP12                              | 663200           | 0.45              | 30                          |



| Channel connector                  | LCP16            | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCP16                              | 663600           | 0.25              | 20                          |



**Use:**

Building free standing structures based on channels with the width of 40 and 41 mm.

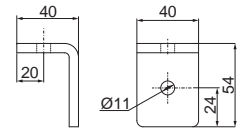
**Additional information:**

– for mounting we propose SRM10... in the quantity according to the number of holes in the connector

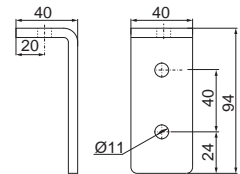




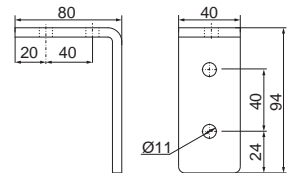
| Channel connector                  | LCK1             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCK1                               | 664100           | 0.15              | 50                          |



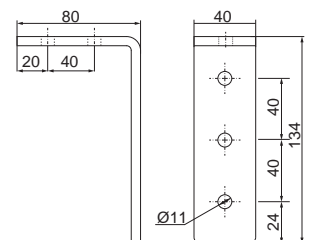
| Channel connector                  | LCK2             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCK2                               | 664200           | 0.26              | 50                          |



| Channel connector                  | LCK3             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCK3                               | 664300           | 0.30              | 30                          |



| Channel connector                  | LCK4             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCK4                               | 664400           | 0.40              | 30                          |



**Use:**

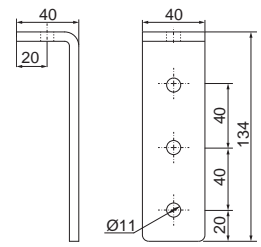
Building free standing structures based on channels with the width of 40 and 41 mm.

**Additional information:**

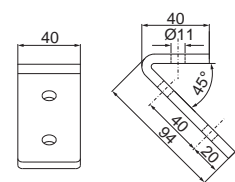
– for mounting we propose SRM10... in the quantity according to the number of holes in the connector



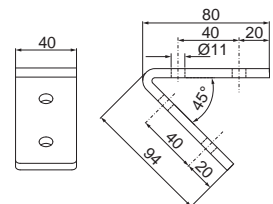
| Channel connector                  | LCK5             | mat.: FP          | option: E, L | quantity per package [pcs.] |
|------------------------------------|------------------|-------------------|--------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] |              |                             |
| <b>Material thickness = 6.0 mm</b> |                  |                   |              |                             |
| LCK5                               | 664500           | 0.30              |              | 30                          |



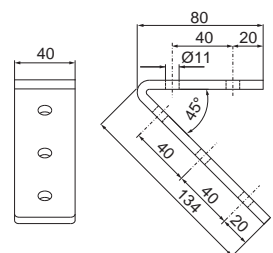
| Channel connector                  | LCK6             | mat.: FP          | option: E, L | quantity per package [pcs.] |
|------------------------------------|------------------|-------------------|--------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] |              |                             |
| <b>Material thickness = 6.0 mm</b> |                  |                   |              |                             |
| LCK6                               | 664600           | 0.25              |              | 30                          |



| Channel connector                  | LCK7             | mat.: FP          | option: E, L | quantity per package [pcs.] |
|------------------------------------|------------------|-------------------|--------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] |              |                             |
| <b>Material thickness = 6.0 mm</b> |                  |                   |              |                             |
| LCK7                               | 664700           | 0.30              |              | 30                          |



| Channel connector                  | LCK8             | mat.: FP          | option: E, L | quantity per package [pcs.] |
|------------------------------------|------------------|-------------------|--------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] |              |                             |
| <b>Material thickness = 6.0 mm</b> |                  |                   |              |                             |
| LCK8                               | 664800           | 0.40              |              | 20                          |



**Use:**

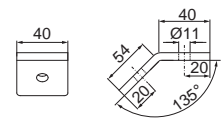
Building free standing structures based on channels with the width of 40 and 41 mm.

**Additional information:**

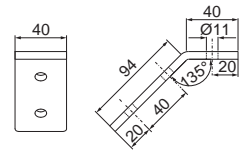
- for mounting we propose SRM10... in the quantity according to the number of holes in the connector



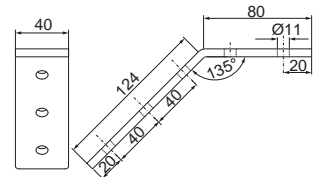
| Channel connector                  | LCK9             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCK9                               | 664900           | 0.15              | 50                          |



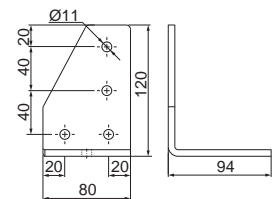
| Channel connector                  | LCK10            | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCK10                              | 665000           | 0.26              | 50                          |



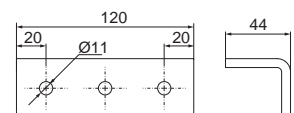
| Channel connector                  | LCK12            | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCK12                              | 665200           | 0.40              | 30                          |



| Channel connector                  | LCK13            | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCK13                              | 665300           | 0.55              | 20                          |



| Channel connector                  | LCK17            | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCK17                              | 665700           | 0.44              | 30                          |



**Use:**

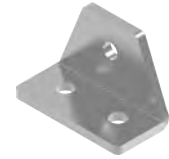
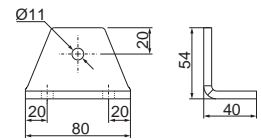
Building free standing structures based on channels with the width of 40 and 41 mm.

**Additional information:**

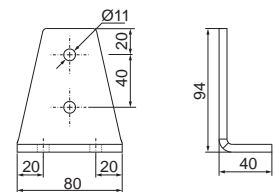
– for mounting we propose SRM10... in the quantity according to the number of holes in the connector



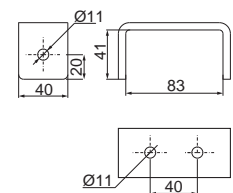
| Channel connector                  | LCK18            | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCK18                              | 665800           | 0.25              | 30                          |



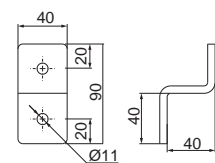
| Channel connector                  | LCK19            | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCK19                              | 665900           | 0.32              | 30                          |



| Channel connector                  | LCO1             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCO1                               | 667100           | 0.30              | 50                          |



| Channel connector                  | LCO3             | mat.: FP          | option: E, L                |
|------------------------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |
| LCO3                               | 667300           | 0.20              | 50                          |

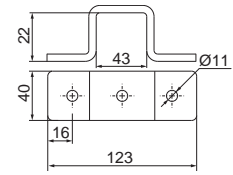




| Channel connector                  | LCO5             | mat.: FP          | option: E, L                |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |  |
| LCO5                               | 667500           | 0.29              | 25                          |  |

**Use:**  
Building free standing structures based on channels with the width of 40 and 41 mm.

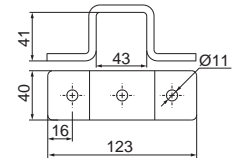
**Additional information:**  
– for mounting we propose SRM10... in the quantity according to the number of holes in the connector



| Channel connector                  | LCO6             | mat.: FP          | option: E, L                |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |  |
| LCO6                               | 667600           | 0.36              | 25                          |  |

**Use:**  
Building free standing structures based on channels with the width of 40 and 41 mm.

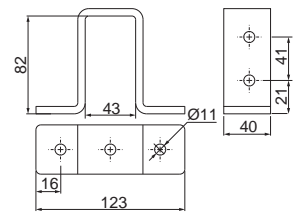
**Additional information:**  
– for mounting we propose SRM10... in the quantity according to the number of holes in the connector



| Channel connector                  | LCO7             | mat.: FP          | option: E, L                |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 6.0 mm</b> |                  |                   |                             |  |
| LCO7                               | 667700           | 0.52              | 25                          |  |

**Use:**  
Building free standing structures based on channels with the width of 40 and 41 mm.

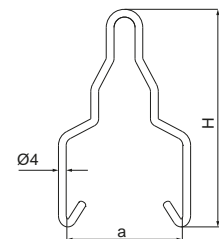
**Additional information:**  
– for mounting we propose SRM10... in the quantity according to the number of holes in the connector



| Wire hanger | WD...            | mat.: G            | option: FP, E, L                |                   |                             |
|-------------|------------------|--------------------|---------------------------------|-------------------|-----------------------------|
| code        | catalogue number | dimension a/H [mm] | load max. F <sub>max</sub> [kN] | weight 1 pc. [kg] | quantity per package [pcs.] |
| WD40        | 900000           | 40/127             | 0.90                            | 0.03              | 100                         |
| WD50        | 910000           | 50/127             | 0.90                            | 0.03              | 100                         |
| WD60        | 920000           | 60/115             | 0.55                            | 0.03              | 100                         |
| WD100       | 940000           | 100/130            | 0.40                            | 0.03              | 100                         |

**Use:**  
Suspending cable trays and sections

**Additional information:**  
– WD40 hanger fits channels with the width of 40 and 41 mm  
– WD50 hanger fits cable trays and channels with the width of 50 mm  
– WD60 hanger fits mesh trays with the width of 60 mm  
– WD100 hanger fits cable trays, mesh trays and channels with the width of 100 mm







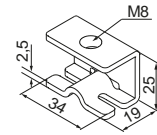
## Stiffening Connector

LUWD

mat.: S

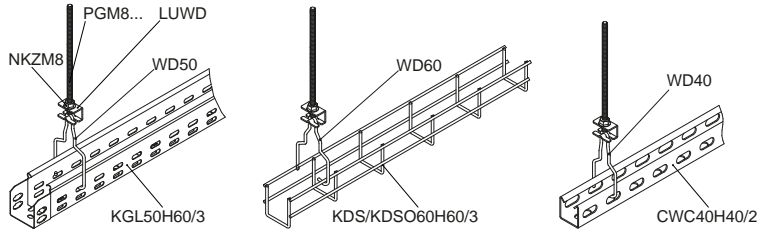
option: FP, E, L

| code | catalogue number | load max. $F_{max}$ [kN] | weight 1 pc. [kg] | quantity per package [pcs.] |
|------|------------------|--------------------------|-------------------|-----------------------------|
| LUWD | 920100           | 0.55                     | 0.03              | 100                         |



### Use:

Enables mounting WD... hanger to the ceiling by means of a threaded rod. The connector ensures that a rigid connection between the rod and the hanger is achieved.



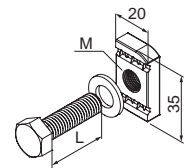
## Screw (set)

SR...

mat.: G

option: F, E

| code     | catalogue number | dimension M/L [mm] | quantity per package [pcs.] |
|----------|------------------|--------------------|-----------------------------|
| SRM6x25  | 652506           | 6/25               | 100                         |
| SRM8x25  | 650451           | 8/25               | 100                         |
| SRM10x20 | 650675           | 10/20              | 100                         |
| SRM10x25 | 650654           | 10/25              | 100                         |
| SRM10x30 | 650651           | 10/30              | 100                         |
| SRM12x30 | 653510           | 12/30              | 100                         |



### Additional information:

- stepless adjustment of the mounting position
- 5.8 grade bolt

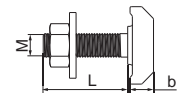
## T-screw

SMH...

mat.: G

option: F, E

| code      | catalogue number | dimension M/b/L [mm] | quantity per package [pcs.] |
|-----------|------------------|----------------------|-----------------------------|
| SMHM8x25  | 650372           | 8/10/25              | 100                         |
| SMHM10x30 | 650373           | 10/11/30             | 100                         |
| SMHM12x30 | 650374           | 12/11/30             | 100                         |



### Additional information:

- mounting structure with a channel with a width. 40 and 41 mm
- stepless adjustment of the mounting position
- 4.8 grade bolt

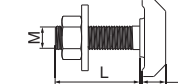
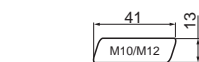
## T-screw

SMHP...

mat.: G

option: F, E

| code       | catalogue number | dimension M/b/L [mm] | quantity per package [pcs.] |
|------------|------------------|----------------------|-----------------------------|
| SMHPM10x30 | 650376           | 10/12/30             | 100                         |
| SMHPM12x30 | 650377           | 12/12/30             | 100                         |



### Use:

Mounting system components to the open side of reinforced and support channels.

### Additional information:

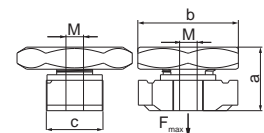
- mounting structure with a channel with a width. 50 mm.
- stepless adjustment of the mounting position

## Quick Lock Nut - Rhomboid

NSR...

mat.: G

| code   | catalogue number | dimension M [mm] | dimension a [mm] | dimension b [mm] | dimension c [mm] | dimension d [mm] | load max. $F_{max}$ [kN] | quantity per package [pcs.] |
|--------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------------|-----------------------------|
| NSRM8  | 650670           | 8                | 23               | 35               | 13               | 2.75             | 100                      |                             |
| NSRM10 | 650770           | 10               | 23               | 35               | 13               | 3.75             | 100                      |                             |



### Use:

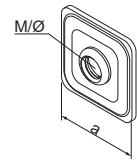
Suspending cable routes using M8 or M10 threaded rods and reinforced or support channels.

### Additional information:

- mounting to the open side of channels



| Square Nut                         |                  | NW...              | mat.: G            | option: FP, E        |                             |
|------------------------------------|------------------|--------------------|--------------------|----------------------|-----------------------------|
| code                               | catalogue number | dimension a/M [mm] | dimension a/Ø [mm] | plate thickness [mm] | quantity per package [pcs.] |
| <b>Material thickness = 2.0 mm</b> |                  |                    |                    |                      |                             |
| NWM6                               | 650149           | 35/6               |                    | 2                    | 100                         |
| NWM8                               | 650249           | 35/8               |                    | 2                    | 100                         |
| NWØ11                              | 650349           |                    | 35/11              | 2                    | 100                         |
| <b>Material thickness = 3.0 mm</b> |                  |                    |                    |                      |                             |
| NW50M8                             | 650449           | 43/8               |                    | 3                    | 100                         |
| NW50Ø11                            | 650549           |                    | 43/11              | 3                    | 100                         |



**Use:**

Mounting system components to the open side of reinforced and support channels.

**Additional information:**

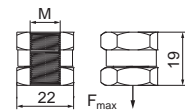
- stepless adjustment of the mounting position



## Quick Lock Nut

NSM... mat.: G

| code   | catalogue number | dimension M [mm] | load max. $F_{max}$ [kN] | quantity per package [pcs.] |
|--------|------------------|------------------|--------------------------|-----------------------------|
| NSMM6  | 650170           | 6                | 1.65                     | 100                         |
| NSMM8  | 650270           | 8                | 4.50                     | 100                         |
| NSMM10 | 650470           | 10               | 6.00                     | 100                         |
| NSMM12 | 650570           | 12               | 10.00                    | 100                         |



### Use:

Mounting channels using UPNC... or UPNDP... clamps on PG... threaded rods without the threading process. Reduces installation time by 50%.

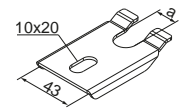
### Additional information:

- rapid expansion of the existing cable route suspended on M6, M8, M10 or M12 threaded rods

## Channel Hanger

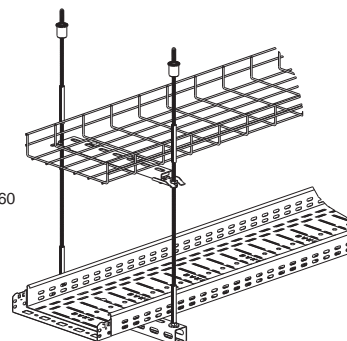
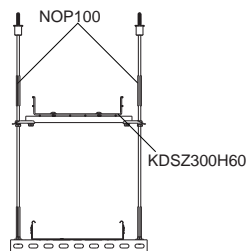
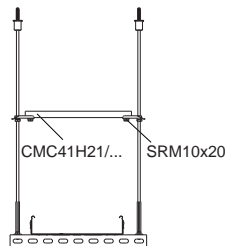
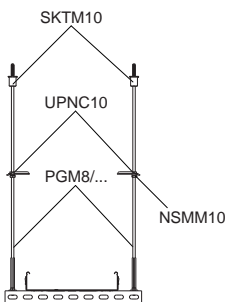
UPNC... mat.: S option: FP, E, L

| code   | catalogue number | dimension a [mm] | quantity per package [pcs.] |
|--------|------------------|------------------|-----------------------------|
| UPNC6  | 652006           | 12               | 10                          |
| UPNC8  | 652008           | 16               | 10                          |
| UPNC10 | 652010           | 17               | 10                          |
| UPNC12 | 652012           | 20.5             | 10                          |

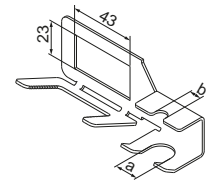


### Additional information:

- fits channels with the width of 40 and 41 mm
- product suitable for NSM... nut



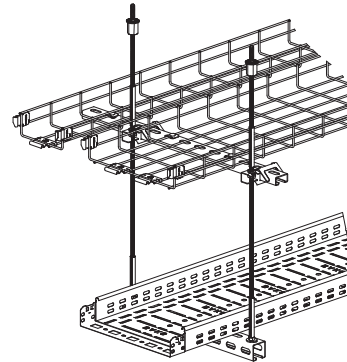
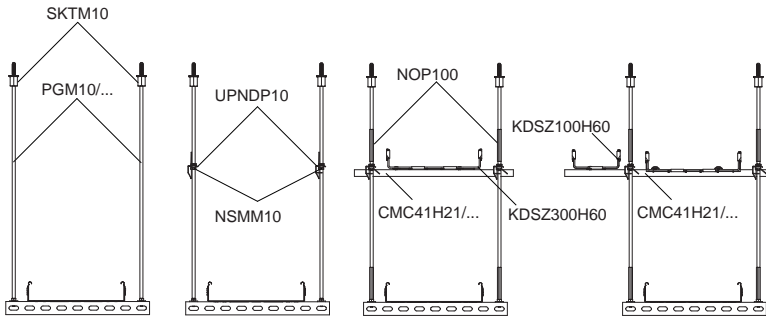
| Channel Hanger | UPNDP...         | mat.: S            | option: FP, E, L            |  |
|----------------|------------------|--------------------|-----------------------------|--|
| code           | catalogue number | dimension a/b [mm] | quantity per package [pcs.] |  |
| UPNDP6         | 662006           | 12/7               | 10                          |  |
| UPNDP8         | 662008           | 16/9               | 10                          |  |
| UPNDP10        | 662010           | 17/11              | 10                          |  |
| UPNDP12        | 662012           | 20.5/13            | 10                          |  |



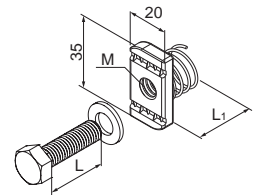
**Use:**  
Extension of existing cable routes suspended on threaded rods.

**Additional information:**

- fits channels 40-41 mm wide and 21-22 mm high
- product suitable for NSM... nut



| Screw (set)  | SRS...           | mat.: G                           | option: F, E                |  |
|--------------|------------------|-----------------------------------|-----------------------------|--|
| code         | catalogue number | dimension M/L/L <sub>1</sub> [mm] | quantity per package [pcs.] |  |
| SRSM6x25/13  | 652510           | 6/25/13                           | 100                         |  |
| SRSM6x25/33  | 652516           | 6/25/33                           | 100                         |  |
| SRSM8x25/13  | 652511           | 8/25/13                           | 100                         |  |
| SRSM8x25/33  | 652517           | 8/25/33                           | 100                         |  |
| SRSM10x20/13 | 652512           | 10/20/13                          | 100                         |  |
| SRSM10x20/33 | 652518           | 10/20/33                          | 100                         |  |
| SRSM10x25/13 | 652513           | 10/25/13                          | 100                         |  |
| SRSM10x25/33 | 652519           | 10/25/33                          | 100                         |  |
| SRSM10x30/13 | 652514           | 10/30/13                          | 100                         |  |
| SRSM10x30/33 | 652520           | 10/30/33                          | 100                         |  |
| SRSM12x30/13 | 652515           | 12/30/13                          | 100                         |  |
| SRSM12x30/33 | 652521           | 12/30/33                          | 100                         |  |



**Use:**  
Mounting system components to the open side of reinforced and support channels.

**Additional information:**

- stepless adjustment of the mounting position
- 5.8 grade bolt



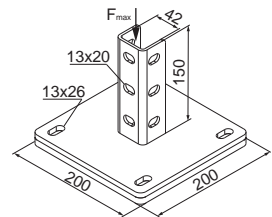
### Support for Rooftop Installations SDB40

mat.: F option: E, L

| code  | catalogue number | load max.<br>$F_{max}$ [kN] | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |
|-------|------------------|-----------------------------|----------------------|-----------------------------------|
| SDB40 | 630010           | 2.50                        | 2.92                 | 1                                 |

**Use:**

Modular support system for setting up cable routes, air conditioning equipment, pipes, chillers, walkways, solar panels, photovoltaic panels, etc. on roofs. Mounting on flat roofs. The system is suitable for 40H40 or 41H41 support channels.



### Support for Rooftop Installations SDB50

mat.: F option: E, L

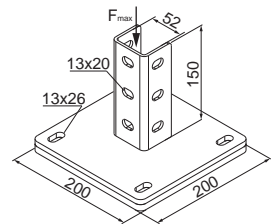
| code  | catalogue number | load max.<br>$F_{max}$ [kN] | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |
|-------|------------------|-----------------------------|----------------------|-----------------------------------|
| SDB50 | 631010           | 3.05                        | 3.05                 | 1                                 |

**Use:**

Modular support system for setting up cable routes, air conditioning equipment, pipes, chillers, walkways, solar panels, photovoltaic panels, etc. on roofs. Mounting on flat roofs. The system is suitable for 50x50 support channels.

**Additional information:**

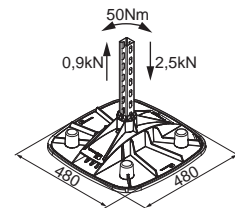
- mounting of load-bearing structures on roofs covered with roofing felt, without interfering with the protective coating of the roof
- non-slip insulating mat for even load distribution



### Support for Rooftop Installations ST480V

mat.: WPC

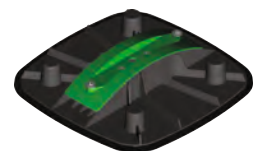
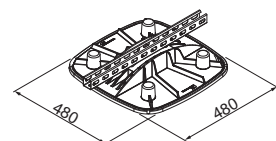
| code   | catalogue number | load max.<br>$F_{max}$ [kN] | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |
|--------|------------------|-----------------------------|----------------------|-----------------------------------|
| ST480V | 628010           | 2.50                        | 4.00                 | 1                                 |



### Support for Rooftop Installations ST480H

mat.: WPC

| code   | catalogue number | load max.<br>$F_{max}$ [kN] | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |
|--------|------------------|-----------------------------|----------------------|-----------------------------------|
| ST480H | 628020           | 2.50                        | 4.00                 | 1                                 |



**Use:**

Modular support system for setting up cable routes, air conditioning equipment, pipes, chillers, walkways, solar panels, photovoltaic panels, etc. on roofs. Mounting on flat and slightly sloping roofs. The system is suitable for 40H40 or 41H41 support channels.

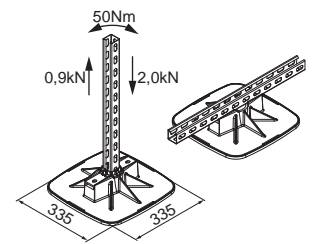
**Additional information:**

- mounting of load-bearing structures on roofs covered with roofing felt, without interfering with the protective coating of the roof
- stepless adjustment of the support angle up to 7°
- adapter for rotating the 40H40 mm and 41H41 mm channel in the support by 360° (vertical arrangement)
- non-slip insulating mat for even load distribution
- UV and chemical resistant components

## Support for Rooftop Installations ST335

mat.: WPC

| code  | catalogue number | load max.<br>$F_{max}$ [kN] | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |
|-------|------------------|-----------------------------|----------------------|-----------------------------------|
| ST335 | 628030           | 2.00                        | 1.20                 | 1                                 |

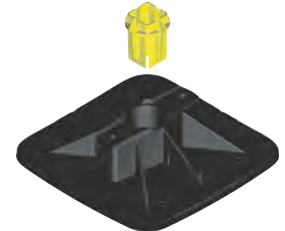


### Use:

Modular support system for setting up cable routes, air conditioning equipment, pipes, chillers, walkways, solar panels, photovoltaic panels, etc. on roofs. Mounting on flat roofs. The system is suitable for 40H40 or 41H41 support channels.

### Additional information:

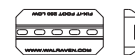
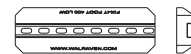
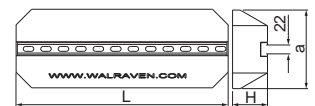
- mounting of load-bearing structures on roofs covered with roofing felt, without interfering with the protective coating of the roof
- adapter for rotating the 40H40 mm and 41H41 mm channel in the support by 360° (vertical arrangement)
- non-slip insulating mat for even load distribution
- UV and chemical resistant components



## Support for Rooftop Installations ST...

mat.: WGS

| code  | catalogue number | dimension<br>a/H/L<br>[mm] | load max.<br>$F_{max}$ [kN] | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |
|-------|------------------|----------------------------|-----------------------------|----------------------|-----------------------------------|
| ST250 | 629010           | 130/50/250                 | 1.00                        | 3.00                 | 1                                 |
| ST400 | 629020           | 130/50/400                 | 2.00                        | 4.00                 | 1                                 |
| ST600 | 629030           | 220/95/600                 | 3.00                        | 6.00                 | 1                                 |

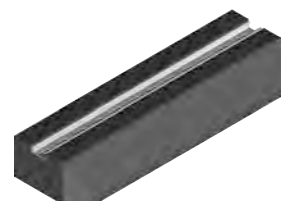
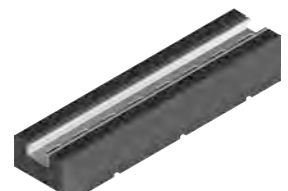
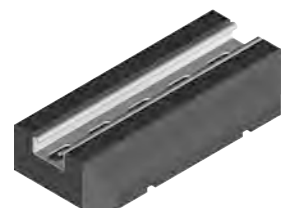


### Use:

Support system for setting up cable routes, air-conditioning equipment, etc. on roofs. It is also used in the construction of roof walkways.

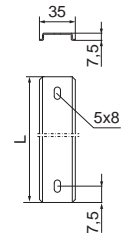
### Additional information:

- mounting of load-bearing structures on roofs covered with roofing felt, without interfering with the protective coating of the roof
- foot made of anti-slip material resistant to UV and chemicals
- mounting bases to the roof feet using SRM8x25, SRM10x20 or SRM10x25 channel nut bolt

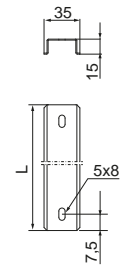




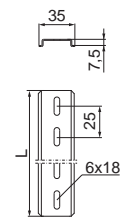
| DIN Rail                           | SZB35H7...       | mat.: S          | option: F, L      |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 1.0 mm</b> |                  |                  |                   |                             |
| SZB35H7/095                        | 613395           | 950              | 0.28              | 50                          |
| SZB35H7/1                          | 613310           | 1000             | 0.30              | 50                          |
| SZB35H7/2                          | 613320           | 2000             | 0.60              | 30                          |
| SZB35H7/3                          | 613330           | 3000             | 0.90              | 30                          |



| DIN Rail                           | SZB35H15...      | mat.: S          | option: F, L      |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 1.0 mm</b> |                  |                  |                   |                             |
| SZB35H15/095                       | 613495           | 950              | 0.38              | 50                          |
| SZB35H15/1                         | 613410           | 1000             | 0.40              | 50                          |
| SZB35H15/2                         | 613420           | 2000             | 0.80              | 30                          |
| SZB35H15/3                         | 613430           | 3000             | 1.20              | 30                          |



| DIN Rail                           | SZP35H7...       | mat.: S          | option: F, L      |                             |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| <b>Material thickness = 1.0 mm</b> |                  |                  |                   |                             |
| SZP35H7/02                         | 613102           | 200              | 0.60              | 50                          |
| SZP35H7/03                         | 613103           | 300              | 0.90              | 50                          |
| SZP35H7/04                         | 613104           | 400              | 0.12              | 50                          |
| SZP35H7/05                         | 613105           | 500              | 0.15              | 50                          |
| SZP35H7/095                        | 613195           | 950              | 0.28              | 50                          |
| SZP35H7/1                          | 613110           | 1000             | 0.30              | 50                          |
| SZP35H7/2                          | 613120           | 2000             | 0.60              | 30                          |
| SZP35H7/3                          | 613130           | 3000             | 0.90              | 30                          |



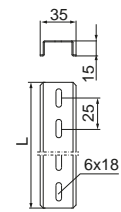
**Use:**  
Mounting fuses, contactors, relays.

| DIN Rail                           | SZP35H15...      | mat.: S          | option: F, L      |                             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.0 mm</b> |                  |                  |                   |                             |  |
| SZP35H15/02                        | 613202           | 200              | 0.80              | 50                          |  |
| SZP35H15/03                        | 613203           | 300              | 0.12              | 50                          |  |
| SZP35H15/04                        | 613204           | 400              | 0.16              | 50                          |  |
| SZP35H15/05                        | 613205           | 500              | 0.20              | 50                          |  |
| SZP35H15/095                       | 613295           | 950              | 0.38              | 50                          |  |
| SZP35H15/1                         | 613210           | 1000             | 0.40              | 50                          |  |
| SZP35H15/2                         | 613220           | 2000             | 0.80              | 30                          |  |
| SZP35H15/3                         | 613230           | 3000             | 1.20              | 30                          |  |

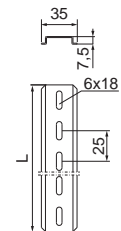
**Use:**  
Mounting fuses, contactors, relays.

**Additional information:**

- when ordering more than 500 pcs., it is possible to make any length up to 3 m

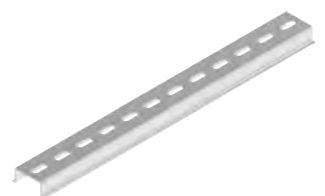
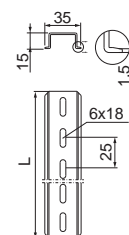


| DIN Rail                           | SZA35H7...       | mat.: S          | option: F, L      |                             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                             |  |
| SZA35H7/1                          | 613111           | 1000             | 0.30              | 50                          |  |
| SZA35H7/2                          | 613121           | 2000             | 0.60              | 50                          |  |



| DIN Rail                           | SZA35H15...      | mat.: S          | option: F, L      |                             |  |
|------------------------------------|------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                             |  |
| SZA35H15/1                         | 613211           | 1000             | 0.61              | 50                          |  |
| SZA35H15/2                         | 613221           | 2000             | 1.22              | 50                          |  |

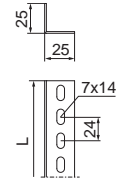
**Use:**  
Mounting fuses, contactors, relays.



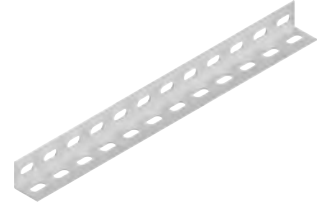




| Angle Profile                      | KTD25H25...      | mat.: S          | option: F, E, L   |                               |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 1.2 mm</b> |                  |                  |                   |                               |
| KTD25H25/2                         | 620120           | 2000             | 0.77              | 10/20                         |
| KTD25H25/3                         | 620130           | 3000             | 1.15              | 10/30                         |



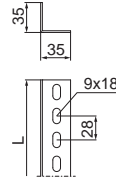
| Angle Profile                      | KTP25H25...      | mat.: S          | option: F, E, L   |                               |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                               |
| KTP25H25/2                         | 620220           | 2000             | 0.89              | 10/20                         |
| KTP25H25/3                         | 620230           | 3000             | 1.33              | 10/30                         |



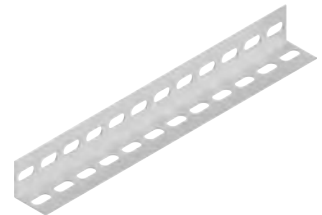
| Angle Profile                      | KTC25H25...      | mat.: S          | option: F, E, L   |                               |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                               |
| KTC25H25/2                         | 620320           | 2000             | 1.24              | 10/20                         |
| KTC25H25/3                         | 620330           | 3000             | 1.86              | 10/30                         |

**Additional information:**  
 – option F available for orders over 300 m

| Angle Profile                      | KTD35H35...      | mat.: S          | option: F, E, L   |                               |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 1.2 mm</b> |                  |                  |                   |                               |
| KTD35H35/2                         | 620420           | 2000             | 1.09              | 10/20                         |
| KTD35H35/3                         | 620430           | 3000             | 1.63              | 10/30                         |



| Angle Profile                      | KTP35H35...      | mat.: S          | option: F, E, L   |                               |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                   |                               |
| KTP35H35/2                         | 620520           | 2000             | 1.26              | 10/20                         |
| KTP35H35/3                         | 620530           | 3000             | 1.89              | 10/20                         |



**Additional information:**  
 – option F available for orders over 300 m

| Angle Profile                      | KTC35H35...      | mat.: S          | option: F, E, L   |                               |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                               |
| KTC35H35/2                         | 620620           | 2000             | 1.77              | 10/20                         |
| KTC35H35/3                         | 620630           | 3000             | 2.66              | 10/30                         |

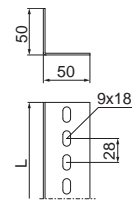
| Angle Profile                      | KTT35H35...      | mat.: S          | option: F, E, L   |                               |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                               |
| KTT35H35/2                         | 621020           | 2000             | 2.58              | 10/20                         |
| KTT35H35/3                         | 621030           | 3000             | 3.87              | 10/30                         |
| KTT35H35/6                         | 621060           | 6000             | 7.74              | 5/30                          |

**Use:**  
 Supporting elements for the installation of electrical cabinets, racks and frames.

**Additional information:**  
 – option E for sections up to 3 m



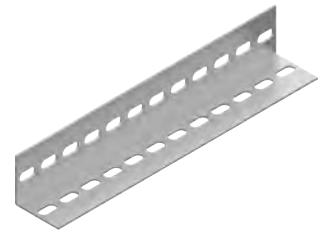
| Angle Profile                      | KTC50H50...      | mat.: S          | option: F, E, L   |                               |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                               |
| KTC50H50/2                         | 621120           | 2000             | 2.71              | 10/20                         |
| KTC50H50/3                         | 621130           | 3000             | 4.07              | 10/30                         |



**Additional information:**

- option F available for orders over 300 m

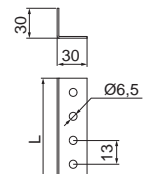
| Angle Profile                      | KTT50H50...      | mat.: S          | option: F, E, L   |                               |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                   |                               |
| KTT50H50/2                         | 620720           | 2000             | 4.00              | 10/20                         |
| KTT50H50/3                         | 620730           | 3000             | 6.00              | 10/30                         |
| KTT50H50/6                         | 620760           | 6000             | 12.00             | 5/30                          |



**Additional information:**

- option E for sections up to 3 m

| Angle Profile                      | KTC30H30...      | mat.: S          | option: F, E, L   |                               |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                               |
| KTC30H30/2                         | 621220           | 2000             | 1.46              | 10/20                         |
| KTC30H30/3                         | 621230           | 3000             | 2.19              | 10/30                         |



**Use:**

Supporting elements for the installation of electrical cabinets, racks and frames.

**Additional information:**

- option F available for orders over 300 m



| Protective Cap | NOK...           | mat.: PE           |                             |  |
|----------------|------------------|--------------------|-----------------------------|--|
| code           | catalogue number | dimension a/H [mm] | quantity per package [pcs.] |  |
| NOK25x25       | 670500           | 25/25              | 100                         |  |
| NOK35x35       | 670600           | 35/35              | 100                         |  |
| NOK50x50       | 670601           | 50/50              | 100                         |  |



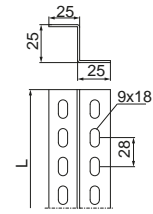
**Use:**

Protection of cables from damage against steel edges and improving visual aspect



**Z-profile**                      **ZD25H25...**                      mat.: S                      option: F, E, L

| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| <b>Material thickness = 1.2 mm</b> |                  |                  |                   |                               |
| ZD25H25/2                          | 630120           | 2000             | 1.13              | 10/20                         |
| ZD25H25/3                          | 630130           | 3000             | 1.70              | 10/30                         |

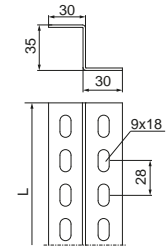


**Z-profile**                      **ZC25H25...**                      mat.: S                      option: F, E, L

| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                               |
| ZC25H25/2                          | 630220           | 2000             | 1.83              | 10/20                         |
| ZC25H25/3                          | 630230           | 3000             | 2.75              | 10/30                         |

**Z-profile**                      **ZD30H35...**                      mat.: S                      option: F, E, L

| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| <b>Material thickness = 1.2 mm</b> |                  |                  |                   |                               |
| ZD30H35/2                          | 630320           | 2000             | 1.51              | 10/20                         |
| ZD30H35/3                          | 630330           | 3000             | 2.26              | 10/30                         |



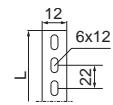
**Z-profile**                      **ZC30H35...**                      mat.: S                      option: F, E, L

| code                               | catalogue number | dimension L [mm] | weight 1 pc. [kg] | quantity per package [pcs./m] |
|------------------------------------|------------------|------------------|-------------------|-------------------------------|
| <b>Material thickness = 2.0 mm</b> |                  |                  |                   |                               |
| ZC30H35/2                          | 630420           | 2000             | 2.46              | 10/20                         |
| ZC30H35/3                          | 630430           | 3000             | 3.69              | 10/30                         |

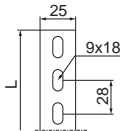
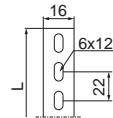
**Use:**  
Supporting elements for the installation of electrical cabinets, racks and frames.

**Additional information:**  
– when ordering more than 500 pcs., it is possible to make any length up to 3 m

| Flat bar                           | PLD12/2          | mat.: S          | option: E, L             |                 |                               |
|------------------------------------|------------------|------------------|--------------------------|-----------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | load max. $F_{max}$ [kN] | weight 1 m [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 1.2 mm</b> |                  |                  |                          |                 |                               |
| PLD12/2                            | 640120           | 2000             | 0.50                     | 0.10            | 25/50                         |



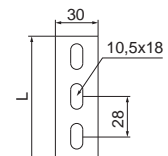
| Flat bar                           | PLP...           | mat.: S          | option: E, L             |                 |                               |
|------------------------------------|------------------|------------------|--------------------------|-----------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | load max. $F_{max}$ [kN] | weight 1 m [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 1.5 mm</b> |                  |                  |                          |                 |                               |
| PLP16/2                            | 640220           | 2000             | 1.00                     | 0.17            | 25/50                         |
| PLP25/2                            | 640320           | 2000             | 1.50                     | 0.25            | 25/50                         |



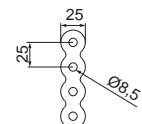
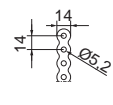
| Flat bar                           | PLC...           | mat.: S          | option: E, L             |                 |                               |
|------------------------------------|------------------|------------------|--------------------------|-----------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | load max. $F_{max}$ [kN] | weight 1 m [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 2.0 mm</b> |                  |                  |                          |                 |                               |
| PLC16/2                            | 640420           | 2000             | 1.30                     | 0.22            | 25/50                         |
| PLC25/2                            | 640520           | 2000             | 2.00                     | 0.30            | 25/50                         |

| Flat bar                           | PLM25/2          | mat.: S          | option: E, L             |                 |                               |
|------------------------------------|------------------|------------------|--------------------------|-----------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | load max. $F_{max}$ [kN] | weight 1 m [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 2.5 mm</b> |                  |                  |                          |                 |                               |
| PLM25/2                            | 640620           | 2000             | 2.50                     | 0.37            | 25/50                         |

| Flat bar                           | PLT30/2          | mat.: S          | option: E, L             |                 |                               |
|------------------------------------|------------------|------------------|--------------------------|-----------------|-------------------------------|
| code                               | catalogue number | dimension L [mm] | load max. $F_{max}$ [kN] | weight 1 m [kg] | quantity per package [pcs./m] |
| <b>Material thickness = 3.0 mm</b> |                  |                  |                          |                 |                               |
| PLT30/2                            | 640720           | 2000             | 3.50                     | 0.45            | 25/50                         |



| Perforated Steel Band              | PTF...           | mat.: S                  |                 |                          |  |
|------------------------------------|------------------|--------------------------|-----------------|--------------------------|--|
| code                               | catalogue number | load max. $F_{max}$ [kN] | weight 1 m [kg] | quantity per package [m] |  |
| <b>Material thickness = 1.0 mm</b> |                  |                          |                 |                          |  |
| PTF14/25                           | 641125           | 0.30                     | 0.07            | 25                       |  |
| PTF14/50                           | 641150           | 0.30                     | 0.07            | 50                       |  |
| PTF25/25                           | 641225           | 0.60                     | 0.12            | 25                       |  |
| PTF25/50                           | 641250           | 0.60                     | 0.12            | 50                       |  |

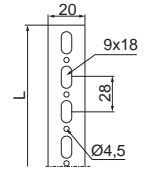


**Use:**  
Suspending installation components, making various types of clamps.



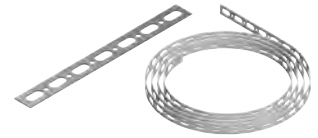
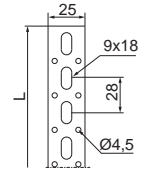
**Perforated Steel Band**      **PTJ...**      mat.: S

| code                               | catalogue number | load max.<br>$F_{max}$ [kN] | weight<br>1 m [kg] | quantity<br>per<br>package [m] |
|------------------------------------|------------------|-----------------------------|--------------------|--------------------------------|
| <b>Material thickness = 1.0 mm</b> |                  |                             |                    |                                |
| PTJ20/25                           | 640825           | 0.70                        | 0.12               | 25                             |
| PTJ20/50                           | 640850           | 0.70                        | 0.12               | 50                             |
| PTJ25/25                           | 640925           | 1.00                        | 0.15               | 25                             |
| PTJ25/50                           | 640950           | 1.00                        | 0.15               | 50                             |



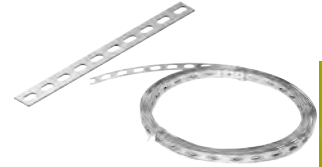
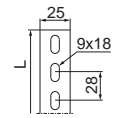
**Perforated Steel Band**      **PTP20...**      mat.: S

| code                               | catalogue number | load max.<br>$F_{max}$ [kN] | weight<br>1 m [kg] | quantity<br>per<br>package [m] |
|------------------------------------|------------------|-----------------------------|--------------------|--------------------------------|
| <b>Material thickness = 1.5 mm</b> |                  |                             |                    |                                |
| PTP20/25                           | 641025           | 1.00                        | 0.18               | 25                             |
| PTP20/50                           | 641050           | 1.00                        | 0.18               | 50                             |



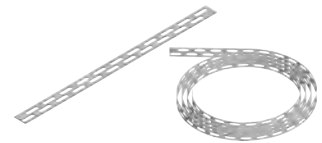
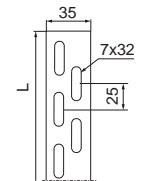
**Perforated Steel Band**      **PTC25...**      mat.: S

| code                               | catalogue number | load max.<br>$F_{max}$ [kN] | weight<br>1 m [kg] | quantity<br>per<br>package [m] |
|------------------------------------|------------------|-----------------------------|--------------------|--------------------------------|
| <b>Material thickness = 2.0 mm</b> |                  |                             |                    |                                |
| PTC25/25                           | 641325           | 2.00                        | 0.30               | 25                             |
| PTC25/50                           | 641350           | 2.00                        | 0.30               | 50                             |



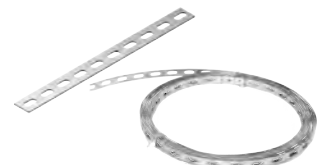
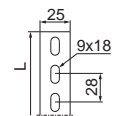
**Perforated Steel Band**      **PTC35...**      mat.: S

| code                               | catalogue number | load max.<br>$F_{max}$ [kN] | weight<br>1 m [kg] | quantity<br>per<br>package [m] |
|------------------------------------|------------------|-----------------------------|--------------------|--------------------------------|
| <b>Material thickness = 2.0 mm</b> |                  |                             |                    |                                |
| PTC35/25                           | 641825           | 2.00                        | 0.43               | 25                             |



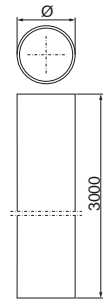
**Perforated Steel Band**      **PTM25...**      mat.: S

| code                               | catalogue number | load max.<br>$F_{max}$ [kN] | weight<br>1 m [kg] | quantity<br>per<br>package [m] |
|------------------------------------|------------------|-----------------------------|--------------------|--------------------------------|
| <b>Material thickness = 2.5 mm</b> |                  |                             |                    |                                |
| PTM25/25                           | 641425           | 2.50                        | 0.37               | 25                             |
| PTM25/50                           | 641450           | 2.50                        | 0.37               | 50                             |



**Use:**  
Suspending installation components, making various types of clamps. Use as a grounding element inside facilities.

| Thin-walled pipe | RU...F           | mat.: F          | option: E, L    |                             |
|------------------|------------------|------------------|-----------------|-----------------------------|
| code             | catalogue number | dimension Ø [mm] | weight 1 m [kg] | quantity per package [pcs.] |
| RU16x1,0/3F      | 800188           | 16               | 0.54            | 10                          |
| RU20x1,2/3F      | 800288           | 20               | 0.68            | 10                          |
| RU25x1,2/3F      | 800388           | 25               | 0.87            | 10                          |
| RU32x1,5/3F      | 800488           | 32               | 1.13            | 10                          |
| RU40x1,5/3F      | 800588           | 40               | 1.42            | 10                          |
| RU50x1,5/3F      | 800688           | 50               | 1.79            | 10                          |
| RU60x1,5/3F      | 800788           | 60               | 2.18            | 10                          |
| RU63,5x1,5/3F    | 800888           | 63.5             | 2.30            | 10                          |

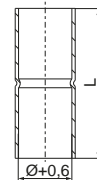
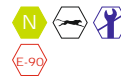


**Use:**  
Routing electrical cables and cables. Protection of the installation from mechanical damage.

**Additional information:**

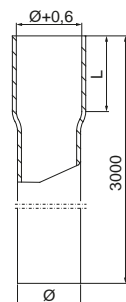
- use LRU...F connectors to connect the pipes

| Pipe Channel Connector | LRU...F          | mat.: F            | option: E, L      |                             |
|------------------------|------------------|--------------------|-------------------|-----------------------------|
| code                   | catalogue number | dimension Ø/L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| LRU16x1,0F             | 600216           | 16/51              | 0.06              | 10                          |
| LRU20x1,2F             | 600222           | 20/61              | 0.08              | 10                          |
| LRU25x1,2F             | 600225           | 25/61              | 0.10              | 10                          |
| LRU32x1,5F             | 600232           | 32/81              | 0.12              | 10                          |
| LRU40x1,5F             | 600240           | 40/101             | 0.15              | 10                          |
| LRU50x1,5F             | 600250           | 50/121             | 0.19              | 10                          |
| LRU60x1,5F             | 600260           | 60/141             | 0.23              | 10                          |
| LRU63,5x1,5F           | 600263           | 63.5/155           | 0.24              | 10                          |



**Use:**  
Connecting pipes.

| Thin-walled pipe with socket | RUM...F          | mat.: F            | option: E, L    |                             |
|------------------------------|------------------|--------------------|-----------------|-----------------------------|
| code                         | catalogue number | dimension Ø/L [mm] | weight 1 m [kg] | quantity per package [pcs.] |
| RUM16x1,5/3F                 | 811633           | 16/23              | 0.54            | 10                          |
| RUM20x1,5/3F                 | 812033           | 20/28              | 0.68            | 10                          |
| RUM25x1,5/3F                 | 812533           | 25/28              | 0.87            | 10                          |
| RUM32x1,5/3F                 | 813233           | 32/38              | 1.13            | 10                          |
| RUM40x1,5/3F                 | 814033           | 40/48              | 1.42            | 10                          |
| RUM50x1,5/3F                 | 815033           | 50/58              | 1.79            | 10                          |
| RUM60x1,5/3F                 | 816033           | 60/68              | 2.16            | 10                          |
| RUM63,5x1,5/3F               | 816433           | 63.5/75            | 2.30            | 10                          |



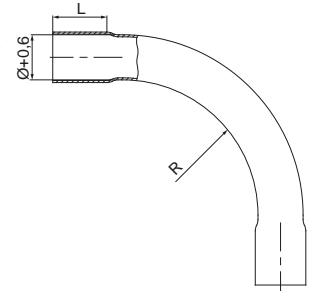
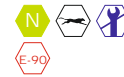
**Use:**  
Routing electrical cables and cables. Protection of the installation from mechanical damage.

**Additional information:**

- connecting pipes by sliding one into the other (without additional connecting elements)



| Pipe elbow    | KRUR...F         | mat.: F              | option: E, L      |                             |  |
|---------------|------------------|----------------------|-------------------|-----------------------------|--|
| code          | catalogue number | dimension Ø/L/R [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| KRUR16x1,0F   | 600316           | 16/23/90             | 0.18              | 10                          |  |
| KRUR20x1,2F   | 600320           | 20/28/90             | 0.20              | 10                          |  |
| KRUR25x1,2F   | 600325           | 25/28/120            | 0.28              | 10                          |  |
| KRUR32x1,5F   | 600332           | 32/38/150            | 0.40              | 10                          |  |
| KRUR40x1,5F   | 600340           | 40/48/170            | 0.57              | 10                          |  |
| KRUR50x1,5F   | 600350           | 50/58/200            | 0.79              | 10                          |  |
| KRUR63,5x1,5F | 600363           | 63.5/75/300          | 1.41              | 10                          |  |



**Use:**  
Changing the direction of cable routing in pipes

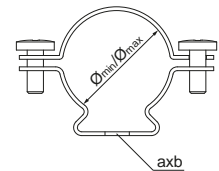
| Pipe Plug | ZR...            | mat.: PE         |                             |  |  |
|-----------|------------------|------------------|-----------------------------|--|--|
| code      | catalogue number | dimension a [mm] | quantity per package [pcs.] |  |  |
| ZR16      | 606188           | 16               | 10                          |  |  |
| ZR20      | 606288           | 20               | 10                          |  |  |
| ZR25      | 606388           | 25               | 10                          |  |  |
| ZR32      | 606488           | 32               | 10                          |  |  |
| ZR40      | 606588           | 40               | 10                          |  |  |
| ZR50      | 606688           | 50               | 10                          |  |  |
| ZR63,5    | 606888           | 63               | 10                          |  |  |



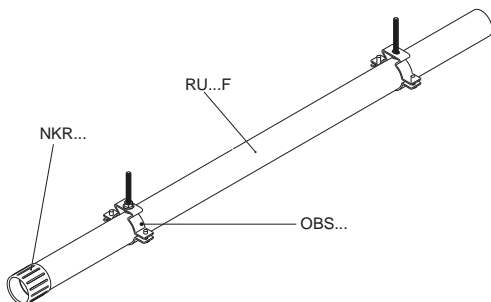
**Use:**  
Blanking the pipe.



| Pipe clamp | OBS...           | mat.: G   | option: E                   |  |  |
|------------|------------------|---|-----------------------------|--|--|
| code       | catalogue number | dimension axb/Ø <sub>min</sub> /Ø <sub>max</sub> [mm] | quantity per package [pcs.] |  |  |
| OBS16      | 800187           | 6x10/16/19.5  | 125                         |  |  |
| OBS20      | 800287           | 6x10/20/23.5  | 100                         |  |  |
| OBS25      | 800387           | 6x10/23.5/26  | 75                          |  |  |
| OBS30      | 800487           | 6x10/26.5/33  | 60                          |  |  |
| OBS40      | 800587           | 6x10/35/40  | 40                          |  |  |
| OBS50      | 800687           | 8x14/43/50  | 30                          |  |  |
| OBS60      | 800787           | 8x14/54/63  | 20                          |  |  |

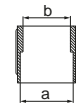


**Use:**  
Direct fixing of cables and pipes to walls and ceilings.





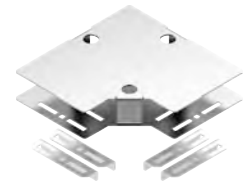
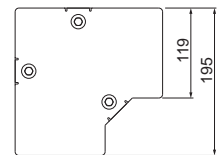
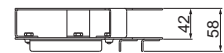
| Pipe protection cap | NKR...           | mat.: PE           | quantity per package [pcs.] |
|---------------------|------------------|--------------------|-----------------------------|
| code                | catalogue number | dimension a/b [mm] |                             |
| NKR16x1,5           | 600188           | 16/14              | 100                         |
| NKR20x1,5           | 600288           | 20/18              | 100                         |
| NKR25x1,5           | 600388           | 25/22.5            | 100                         |
| NKR32x1,5           | 600488           | 32/29.5            | 100                         |
| NKR40x1,5           | 600588           | 40/37.5            | 100                         |
| NKR50x1,5           | 600688           | 50/47.5            | 100                         |
| NKR63,5x1,5         | 600888           | 63/60              | 100                         |



**Use:**  
Protection of cables from damage when they are brought out of the installation pipes.  
Visual aspect improvement

**Additional information:**  
– protective cap in RAL 7035

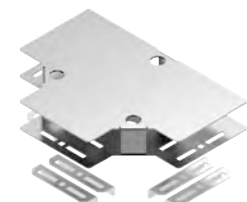
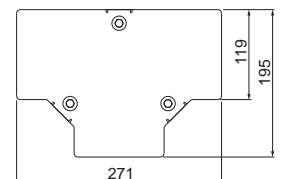
| Pipe elbow                         | KRU32            | mat.: S           | option: F, E, L | quantity per package [pcs.] |
|------------------------------------|------------------|-------------------|-----------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] |                 |                             |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                 |                             |
| KRU32                              | 812232           | 0.99              |                 | 1                           |



**Use:**  
Changing the direction of the cable route routed in conduits. Cable protection.

**Additional information:**  
– pipe diameters range Ø16 – Ø32  
– angle profiles to strengthen the pipe joint included  
– improve the visual aspect of the implementation of the cable route

| Pipe Tee                           | TRU32            | mat.: S           | option: F, E, L | quantity per package [pcs.] |
|------------------------------------|------------------|-------------------|-----------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] |                 |                             |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                 |                             |
| TRU32                              | 812332           | 1.07              |                 | 1                           |



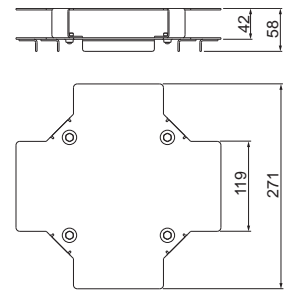
**Use:**  
Branching of the cable route routed in conduits. Cable protection.

**Additional information:**  
– pipe diameters range Ø16 – Ø32  
– angle profiles to strengthen the pipe joint included  
– improve the visual aspect of the implementation of the cable route





| Pipe cross-over                    | CZRU32           | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                             |  |
| CZRU32                             | 812432           | 1.32              | 1                           |  |

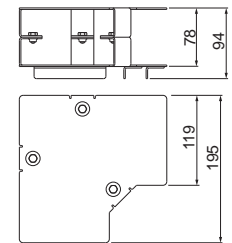


**Use:**  
Branching of the cable route routed in conduits. Cable protection.

**Additional information:**

- pipe diameters range Ø16 – Ø32
- angle profiles to strengthen the pipe joint included
- improve the visual aspect of the implementation of the cable route

| Pipe elbow                         | KRU63            | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                             |  |
| KRU63                              | 812263           | 1.07              | 1                           |  |

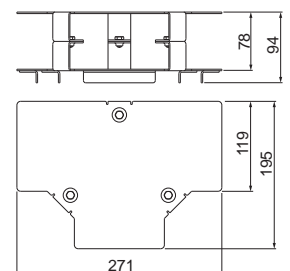


**Use:**  
Changing the direction of the cable route routed in conduits. Cable protection.

**Additional information:**

- pipe diameters range Ø40 – Ø63.5
- angle profiles to strengthen the pipe joint included
- improve the visual aspect of the implementation of the cable route

| Pipe Tee                           | TRU63            | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                             |  |
| TRU63                              | 812363           | 1.23              | 1                           |  |



**Use:**  
Branching of the cable route routed in conduits. Cable protection.

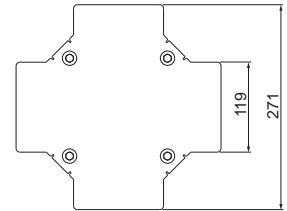
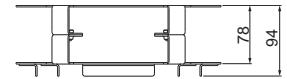
**Additional information:**

- pipe diameters range Ø40 – Ø63.5
- angle profiles to strengthen the pipe joint included
- improve the visual aspect of the implementation of the cable route





| Pipe cross-over | CZRU63           | mat.: S           | option: F, E, L             |  |
|-----------------|------------------|-------------------|-----------------------------|--|
| code            | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |



Material thickness = 2.0 mm

|        |        |      |   |
|--------|--------|------|---|
| CZRU63 | 812463 | 1.45 | 1 |
|--------|--------|------|---|

**Use:**

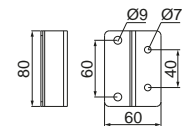
Branching of the cable route routed in conduits. Cable protection.

**Additional information:**

- pipe diameters range Ø40 – Ø63.5
- angle profiles to strengthen the pipe joint included
- improve the visual aspect of the implementation of the cable route



| Spacer Z-profile | ZDKR             | mat.: S           | option: FP, E, L            |  |
|------------------|------------------|-------------------|-----------------------------|--|
| code             | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |



Material thickness = 2.0 mm

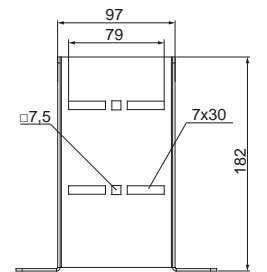
|      |        |      |   |
|------|--------|------|---|
| ZDKR | 812208 | 0.13 | 1 |
|------|--------|------|---|

**Use:**

Mounting distance of pipe fittings. Levels pipes installation between the pipe mounting Z-profile and fitting.

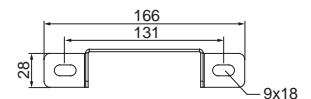


| Base Plate | PMR              | mat.: S           | option: F, E, L             |  |
|------------|------------------|-------------------|-----------------------------|--|
| code       | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |



Material thickness = 2.0 mm

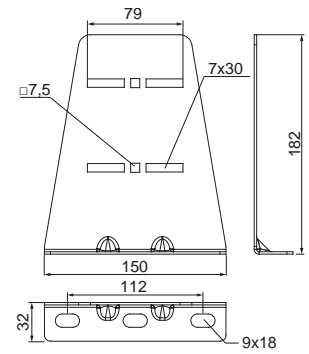
|     |        |      |   |
|-----|--------|------|---|
| PMR | 812209 | 0.42 | 1 |
|-----|--------|------|---|



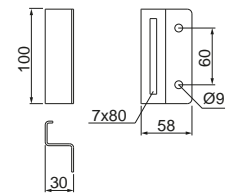


| Fastening Bracket                  | PTR              | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                             |  |
| PTR                                | 812210           | 0.39              | 1                           |  |

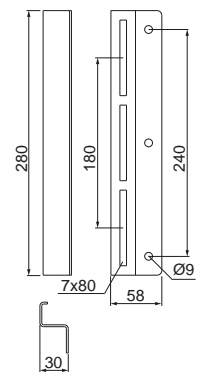
**Use:**  
Mounting installation pipes to ceilings or floors at installation penetrations using screw clamps or brackets.



| Mounting Z-profile                 | ZMR1             | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                             |  |
| ZMR1                               | 812211           | 0.12              | 1                           |  |



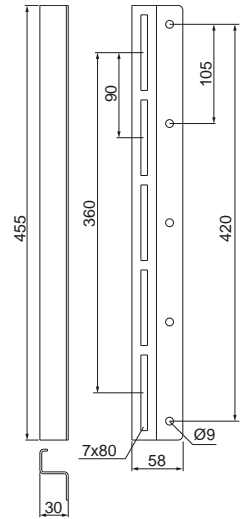
| Mounting Z-profile | ZMR3             | mat.: S           | option: F, E, L             |  |
|--------------------|------------------|-------------------|-----------------------------|--|
| code               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| ZMR3               | 812212           | 0.34              | 1                           |  |



| Mounting Z-profile                 | ZMR5             | mat.: S           | option: F, E, L             |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                             |  |
| ZMR5                               | 812213           | 0.56              | 1                           |  |

**Use:**  
Mounting pipes to walls, ceilings or floors at installation penetrations using screw clamps or brackets.

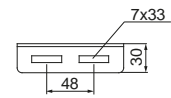
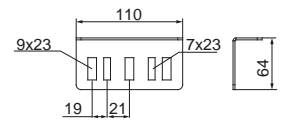
**Additional information:**  
– for tightening the screw clamps use an offset ring spanner



| Support Angle Profile              | KMR              | mat.: S           | option: FP, E, L            |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                             |  |
| KMR                                | 812214           | 0.11              | 1                           |  |

**Use:**  
Mounting pipes to walls, ceilings or floors at installation penetrations using screw clamps or brackets.

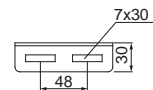
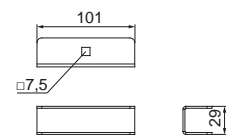
**Additional information:**  
– for tightening the screw clamps use an offset ring spanner



| Support Channel                    | CMR              | mat.: S           | option: FP, E, L            |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                             |  |
| CMR                                | 812215           | 0.15              | 1                           |  |

**Use:**  
Mounting installation pipes to cable trays and ladders with the use of screw clamps.

**Additional information:**  
– set with KMR mounting bracket KMR allowing any orientation of the pipe line with respect to cable route

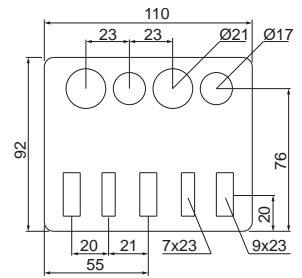




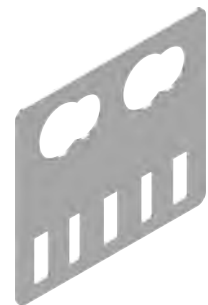
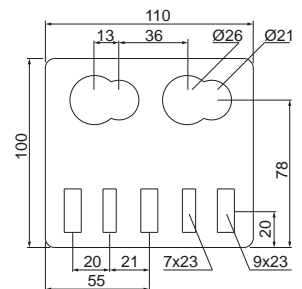
# SUPPORTING AND ASSEMBLY ELEMENTS - PIPES AND ACCESSORIES



| Pipe holder                        | URP1             | mat.: S              | option: FP, E, L                  |
|------------------------------------|------------------|----------------------|-----------------------------------|
| code                               | catalogue number | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |
| <b>Material thickness = 1.5 mm</b> |                  |                      |                                   |
| URP1                               | 960200           | 0.09                 | 1                                 |

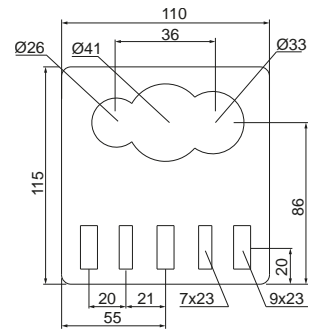


| Pipe holder                        | URP2             | mat.: S              | option: FP, E, L                  |
|------------------------------------|------------------|----------------------|-----------------------------------|
| code                               | catalogue number | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |
| <b>Material thickness = 1.5 mm</b> |                  |                      |                                   |
| URP2                               | 960300           | 0.10                 | 1                                 |



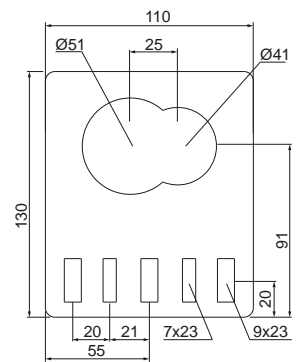


| Pipe holder                        | URP3             | mat.: S           | option: FP, E, L | quantity per package [pcs.] |
|------------------------------------|------------------|-------------------|------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] |                  |                             |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                  |                             |
| URP3                               | 960301           | 0.15              |                  | 1                           |



**Use:**  
Mounting installation pipes with diameters Ø25, Ø32 and Ø40 to cable trays and ladders.

| Pipe holder                        | URP4             | mat.: S           | option: FP, E, L | quantity per package [pcs.] |
|------------------------------------|------------------|-------------------|------------------|-----------------------------|
| code                               | catalogue number | weight 1 pc. [kg] |                  |                             |
| <b>Material thickness = 2.0 mm</b> |                  |                   |                  |                             |
| URP4                               | 960302           | 0.17              |                  | 1                           |

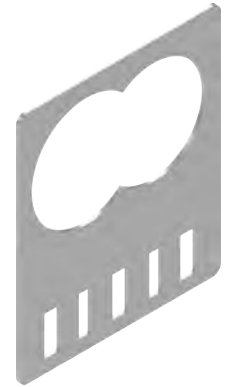
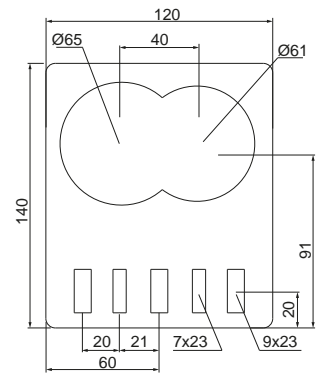


**Use:**  
Mounting installation pipes with diameters Ø40 and Ø50 to cable trays and ladders.



| Pipe holder                        | URP5             | mat.: S              | option: FP, E, L                  |
|------------------------------------|------------------|----------------------|-----------------------------------|
| code                               | catalogue number | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |
| <b>Material thickness = 2.0 mm</b> |                  |                      |                                   |
| URP5                               | 960303           | 0.16                 | 1                                 |

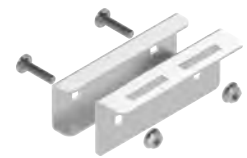
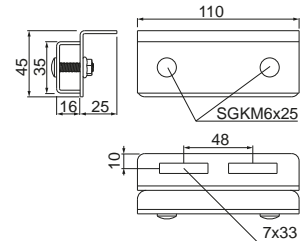
**Use:**  
Mounting installation pipes with diameters Ø60 and Ø63.5 to cable trays and ladders.



| Pipe holder                        | UMR              | mat.: S              | option: FP, E, L                  |
|------------------------------------|------------------|----------------------|-----------------------------------|
| code                               | catalogue number | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |
| <b>Material thickness = 2.0 mm</b> |                  |                      |                                   |
| UMR                                | 902900           | 0.23                 | 1                                 |

**Use:**  
Mounting installation pipes to cable trays and ladders with the use of screw clamps.

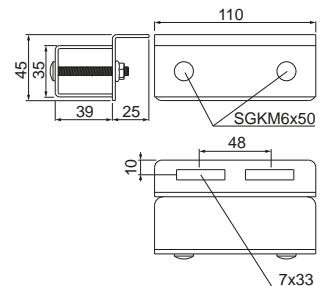
- Additional information:**
- mounting anywhere along the cable route
  - used together with the CMR channel allows mounting of mounting pipes at different angles



| Pipe holder                        | UMSR             | mat.: S              | option: FP, E, L                  |
|------------------------------------|------------------|----------------------|-----------------------------------|
| code                               | catalogue number | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |
| <b>Material thickness = 2.0 mm</b> |                  |                      |                                   |
| UMSR                               | 902950           | 0.32                 | 1                                 |

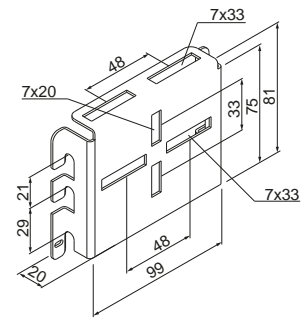
**Use:**  
Mounting pipes to trays and self-supporting ladders with the use of screw clamps.

- Additional information:**
- mounting anywhere along the cable route
  - used together with the CMR channel allows mounting of mounting pipes at different angles



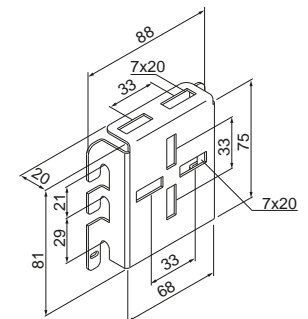


| Pipe holder                        | USRU             | mat.: S           | option: FP, E, L            |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                   |                             |  |
| USRU                               | 920700           | 0.13              | 1                           |  |



**Use:**  
Mounting installation pipes to mesh trays with the use of screw clamps.

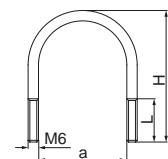
| Pipe holder                        | USR1             | mat.: S           | option: FP, E, L            |  |
|------------------------------------|------------------|-------------------|-----------------------------|--|
| code                               | catalogue number | weight 1 pc. [kg] | quantity per package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                   |                             |  |
| USR1                               | 920710           | 0.10              | 1                           |  |



**Use:**  
Mounting installation pipes with diameters Ø16-Ø32 to mesh trays with the use of screw clamps.

**Additional information:**  
– used together with the CMR channel allows mounting of mounting pipes at different angles

| U-bolt  | CYB...           | mat.: G              | option: E         |                             |
|---------|------------------|----------------------|-------------------|-----------------------------|
| code    | catalogue number | dimension a/H/L [mm] | weight 1 pc. [kg] | quantity per package [pcs.] |
| CYB16   | 810188           | 18/35/15             | 0.02              | 100                         |
| CYB20   | 810288           | 22/39/15             | 0.02              | 100                         |
| CYB25   | 810388           | 27/44/15             | 0.02              | 100                         |
| CYB32   | 810488           | 34/51/20             | 0.02              | 100                         |
| CYB40   | 810588           | 42/59/20             | 0.03              | 100                         |
| CYB50   | 810688           | 52/69/20             | 0.03              | 100                         |
| CYB60   | 810788           | 62/79/20             | 0.03              | 100                         |
| CYB63,5 | 810888           | 65.5/82.5/20         | 0.04              | 100                         |

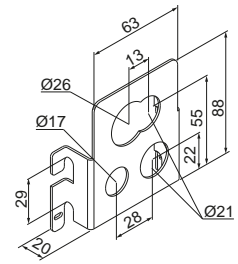


**Use:**  
Mounting pipes.



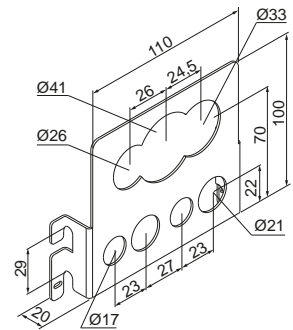


| Pipe holder                        | USR2             | mat.: S              | option: FP, E, L                  |  |
|------------------------------------|------------------|----------------------|-----------------------------------|--|
| code                               | catalogue number | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                      |                                   |  |
| USR2                               | 920720           | 0.07                 | 1                                 |  |



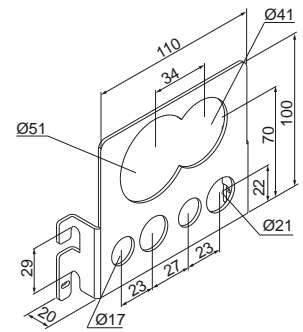
**Use:**  
Mounting installation pipes with diameters Ø16, Ø20 and Ø25 to mesh trays.

| Pipe holder                        | USR3             | mat.: S              | option: FP, E, L                  |  |
|------------------------------------|------------------|----------------------|-----------------------------------|--|
| code                               | catalogue number | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |  |
| <b>Material thickness = 1.5 mm</b> |                  |                      |                                   |  |
| USR3                               | 920721           | 0.11                 | 1                                 |  |

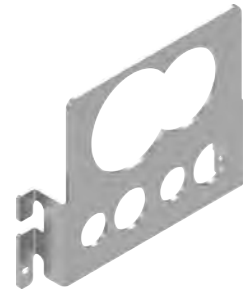


**Use:**  
Mounting installation pipes with diameters Ø16, Ø20, Ø25, Ø32 and Ø40 to mesh trays.

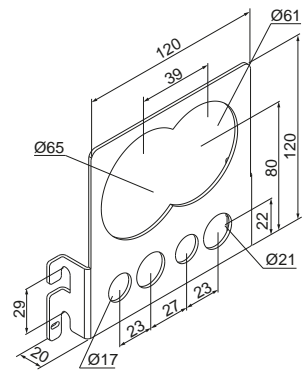
| Pipe holder                        | USR4             | mat.: S              | option: FP, E, L                  |  |
|------------------------------------|------------------|----------------------|-----------------------------------|--|
| code                               | catalogue number | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                      |                                   |  |
| <b>USR4</b>                        | <b>920722</b>    | 0.14                 | 1                                 |  |



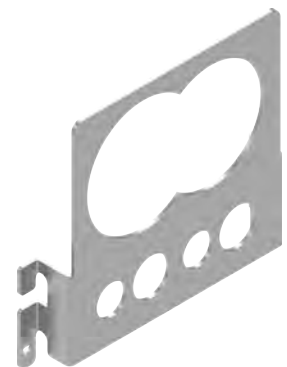
**Use:**  
Mounting installation pipes with diameters Ø16, Ø20, Ø40 and Ø50 to mesh trays.



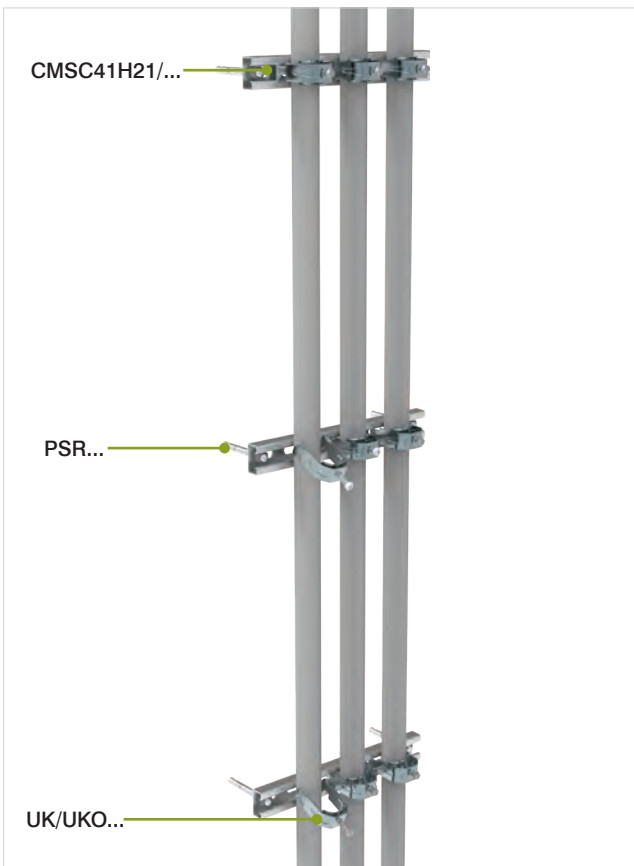
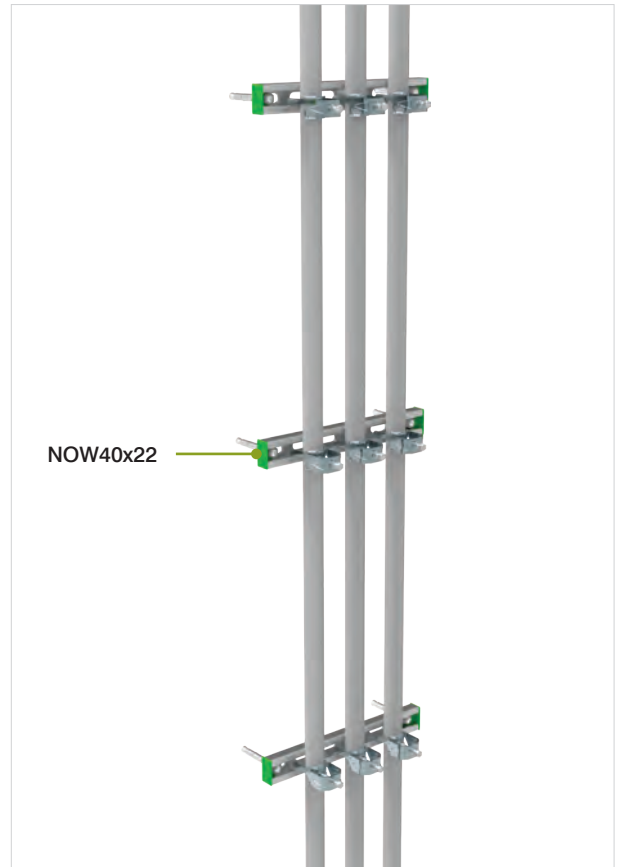
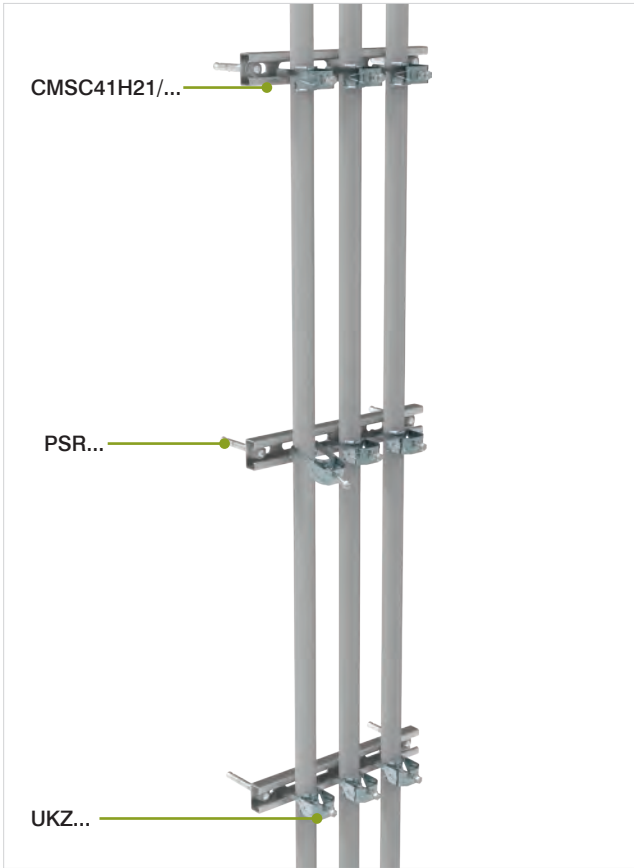
| Pipe holder                        | USR5             | mat.: S              | option: FP, E, L                  |  |
|------------------------------------|------------------|----------------------|-----------------------------------|--|
| code                               | catalogue number | weight<br>1 pc. [kg] | quantity<br>per<br>package [pcs.] |  |
| <b>Material thickness = 2.0 mm</b> |                  |                      |                                   |  |
| <b>USR5</b>                        | <b>920723</b>    | 0.16                 | 1                                 |  |



**Use:**  
Mounting installation pipes with diameters Ø16, Ø20, Ø60 and Ø63.5 to mesh trays.

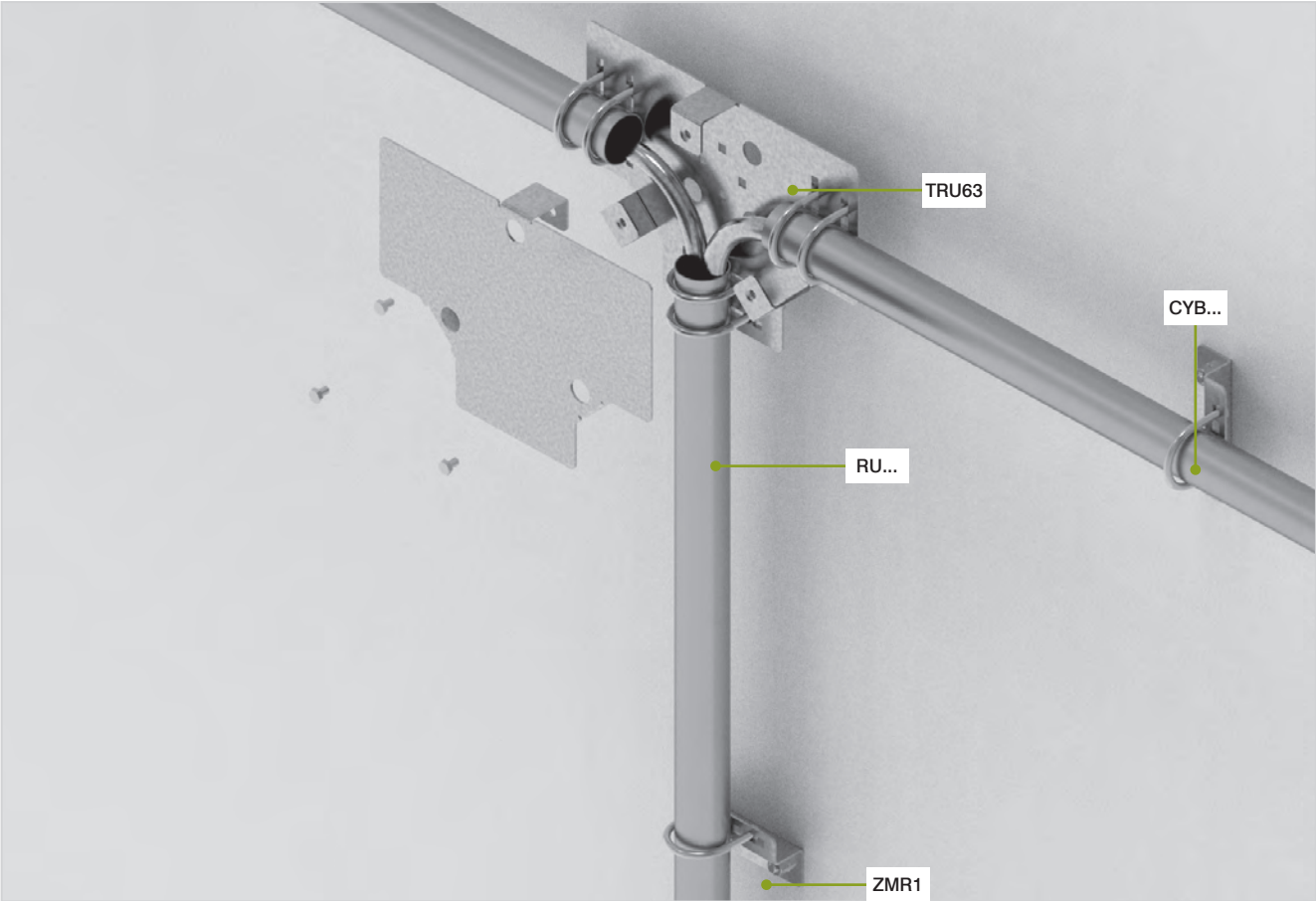
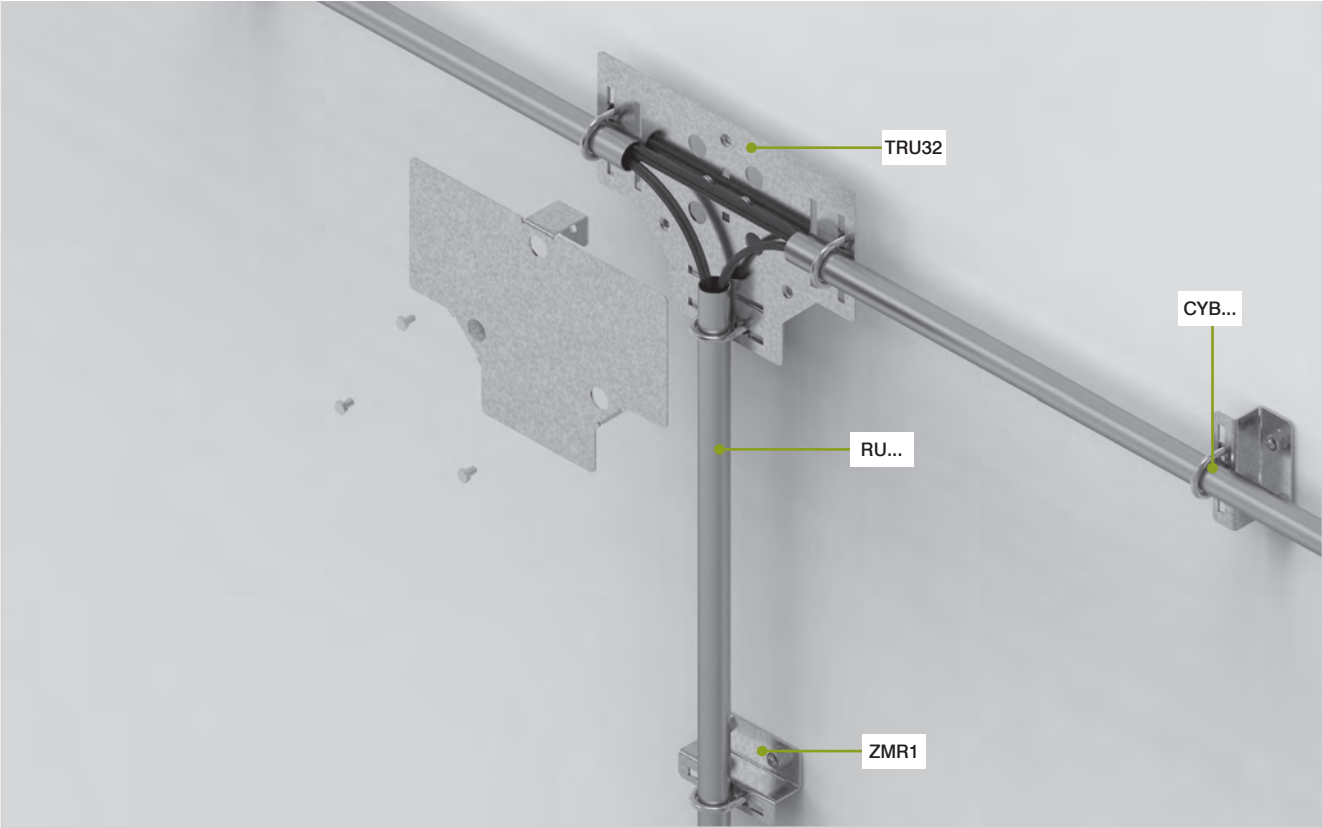


## Example of use of CMSC41H21/ channel... and cable clamps

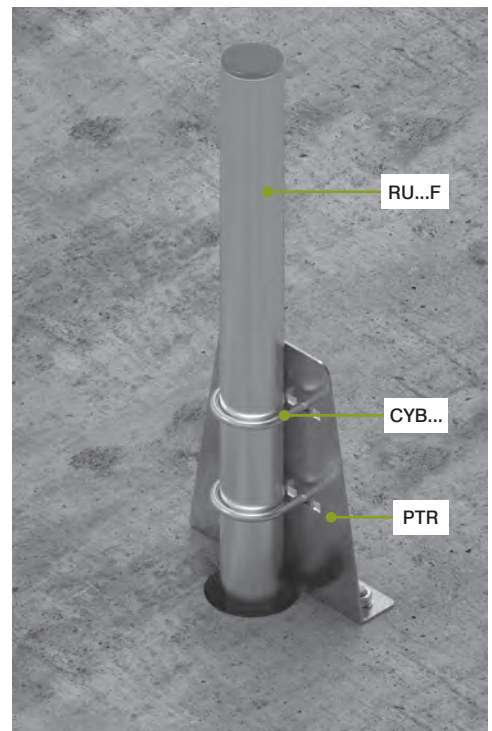
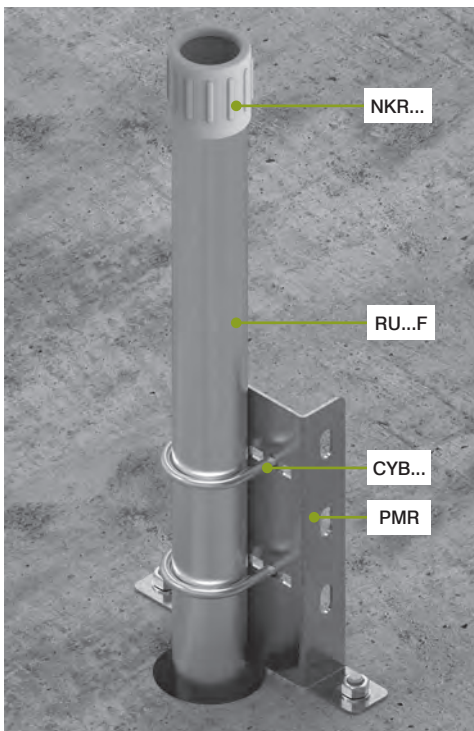
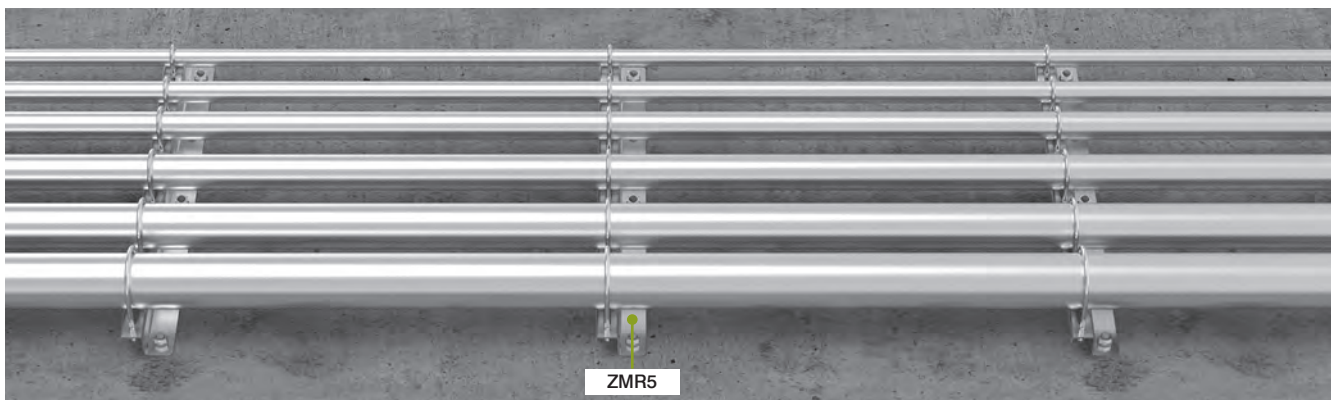
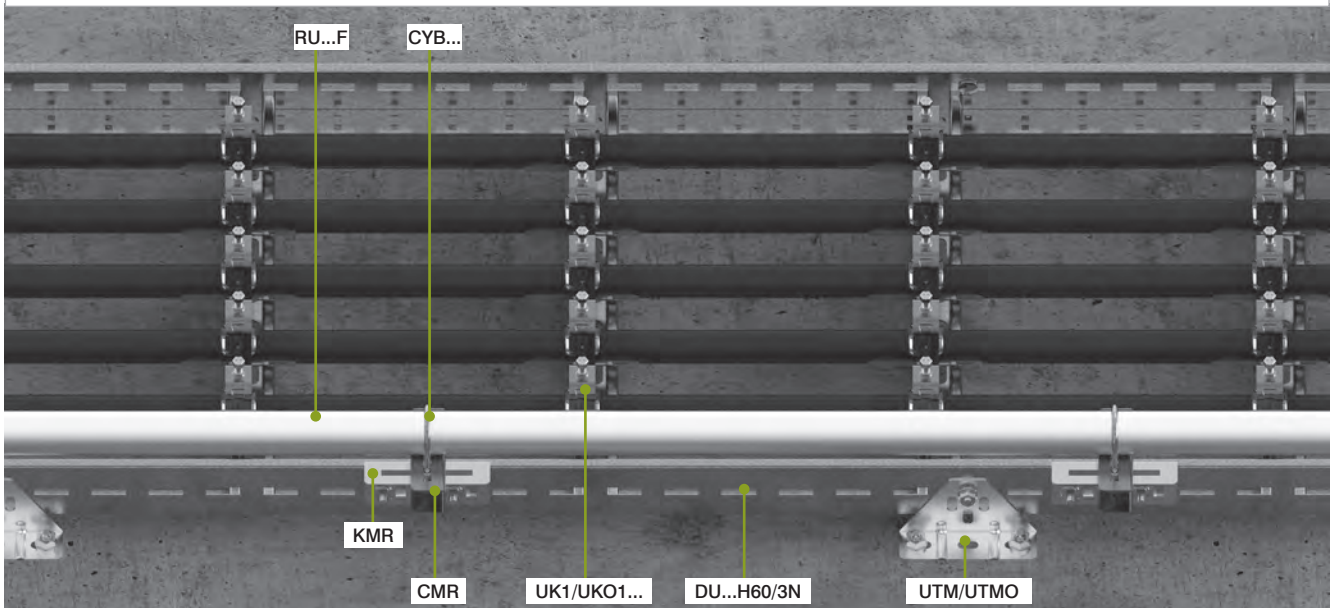




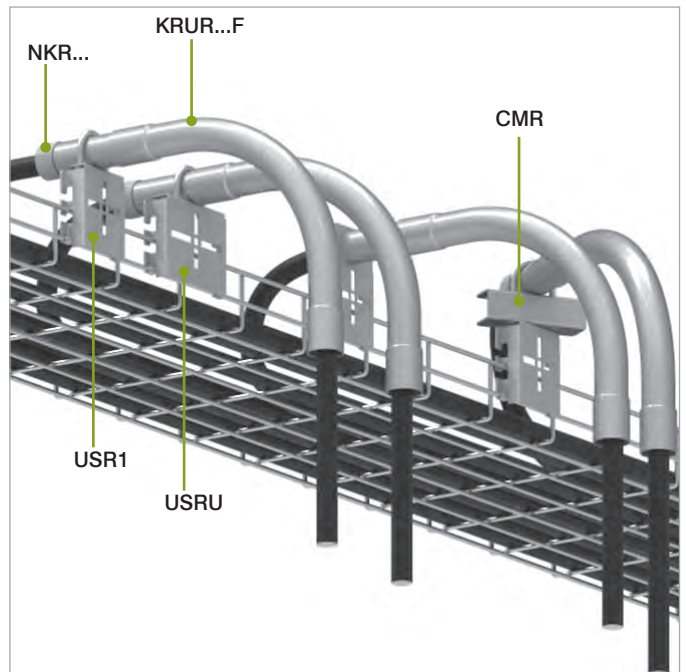
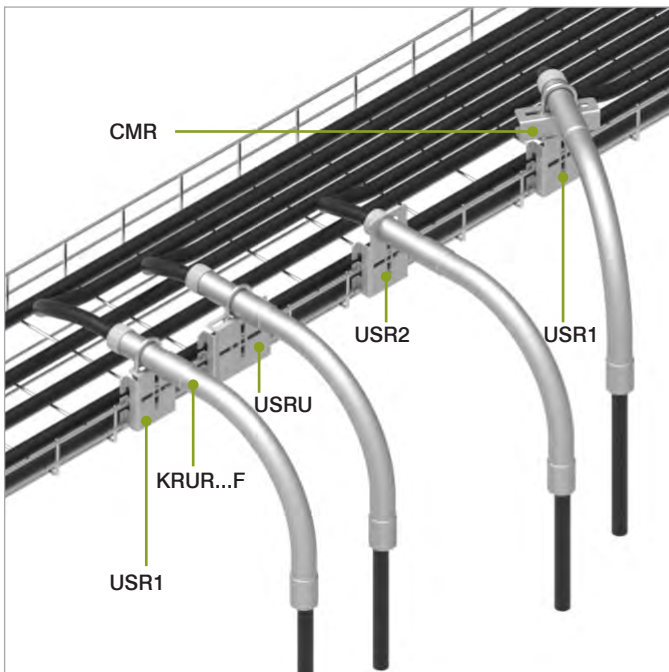
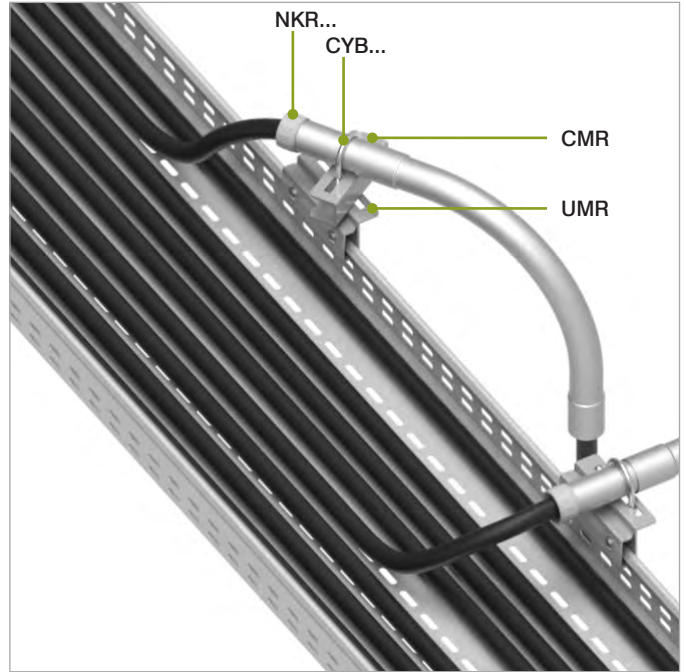
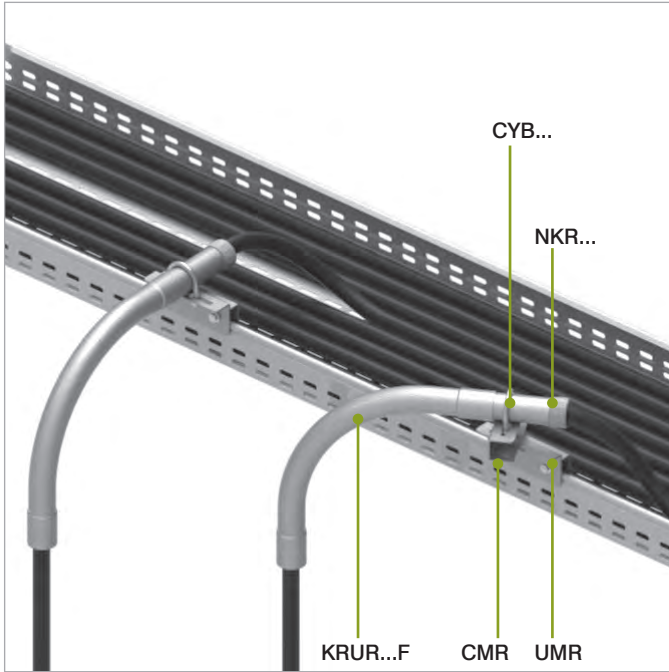
Example of using TRU32 and TRU63 pipe tees and ZMR1 mounting adapter

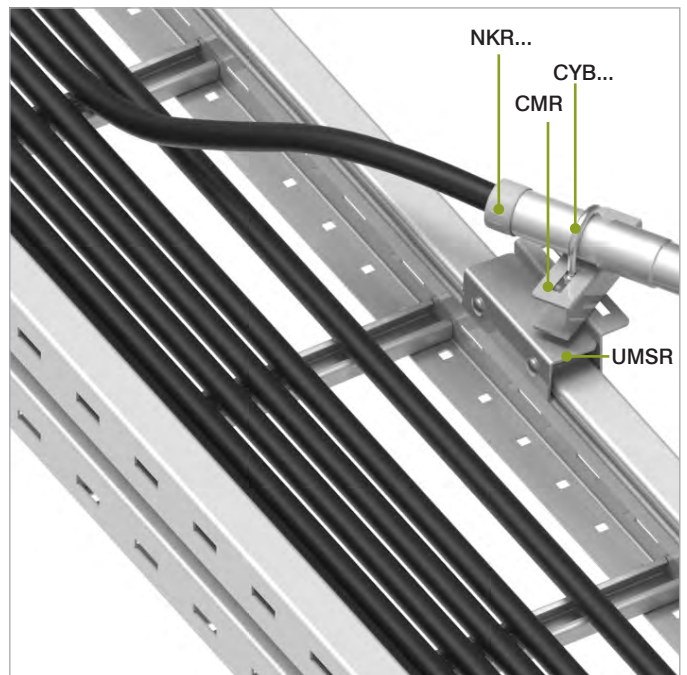
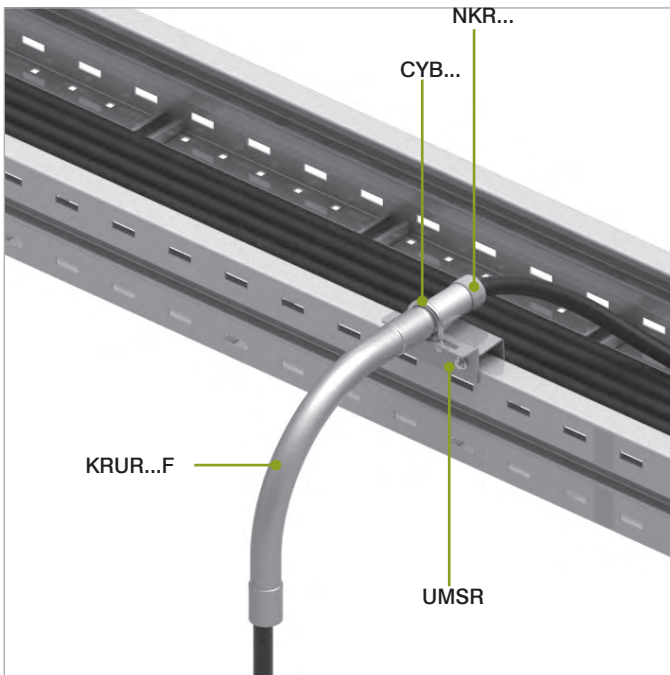
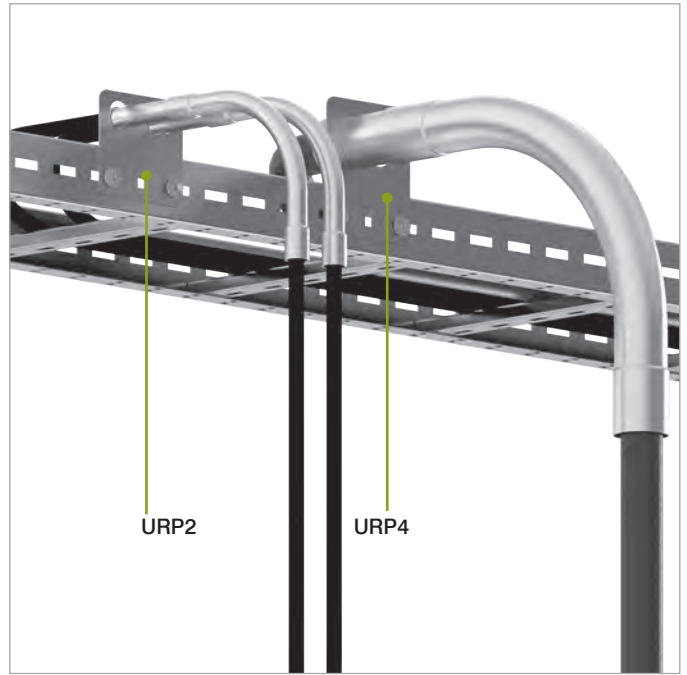
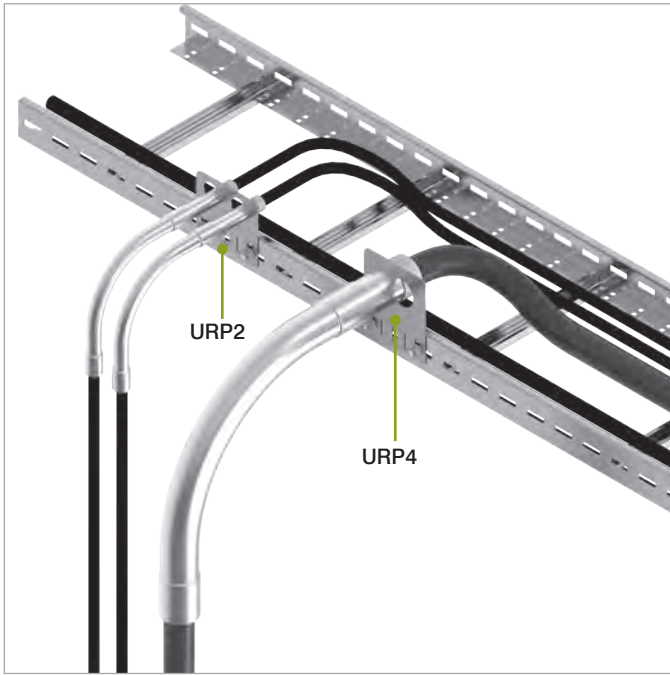


Example use of mounting bracket KMR, mounting channel CMR, mounting plate ZMR5, mounting base PMR and triangular base PTR

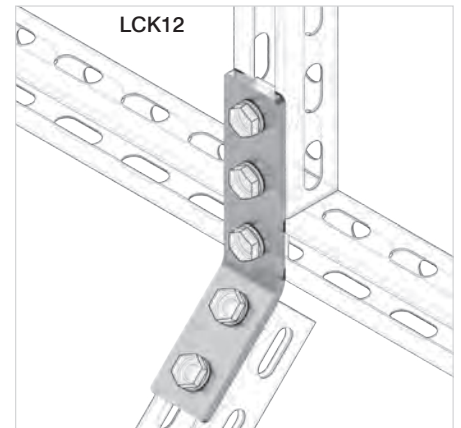
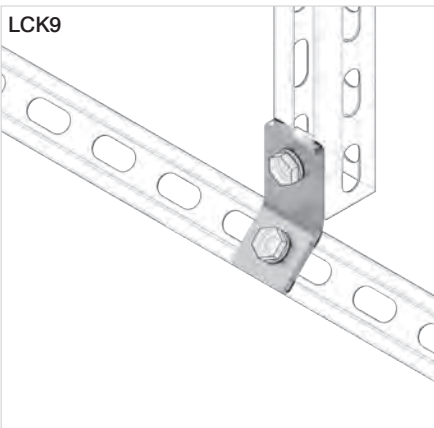
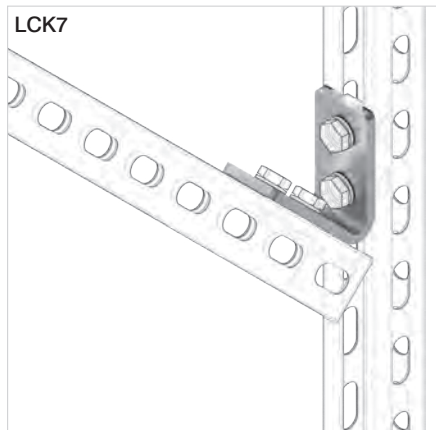
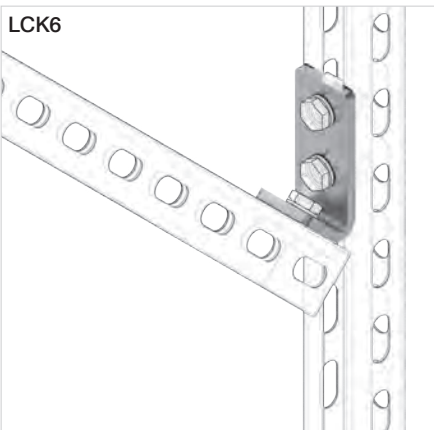
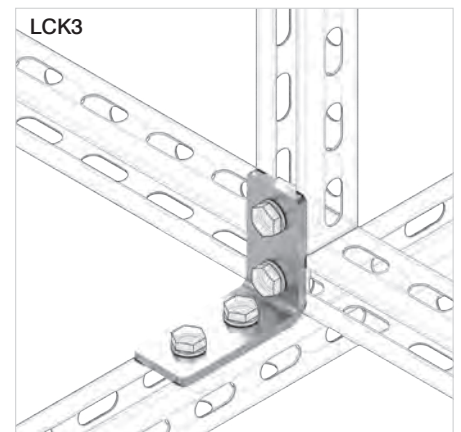
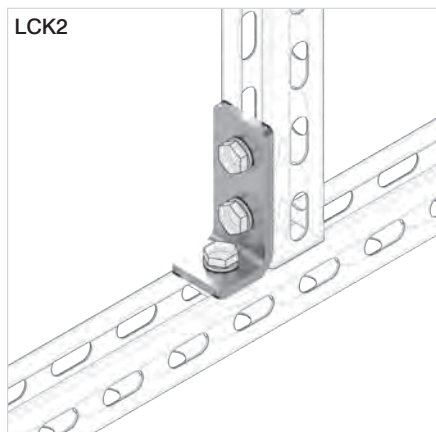
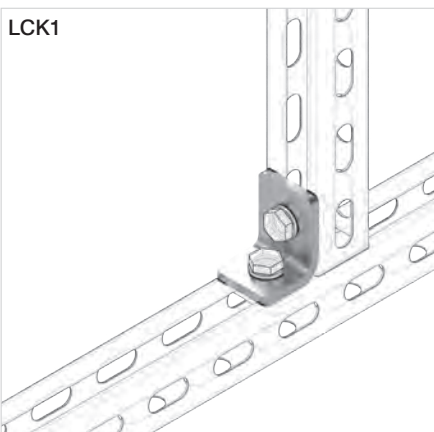
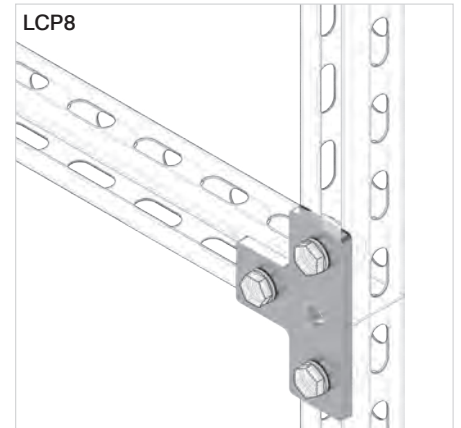
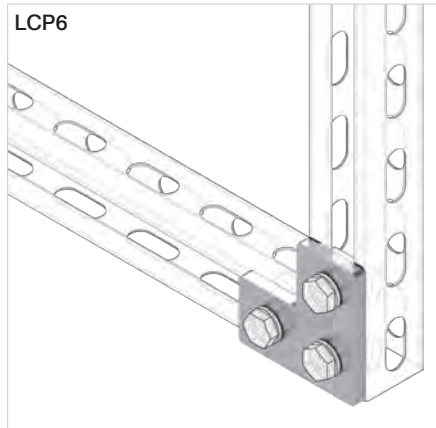


Example of use of pipe clamps.

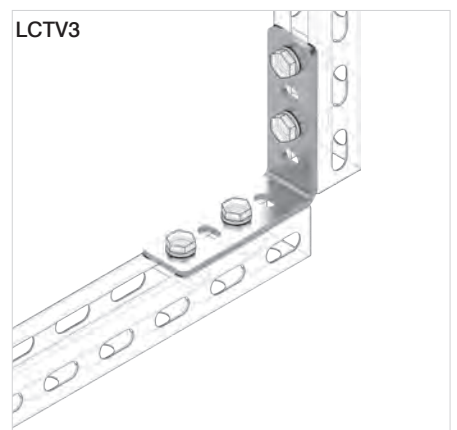
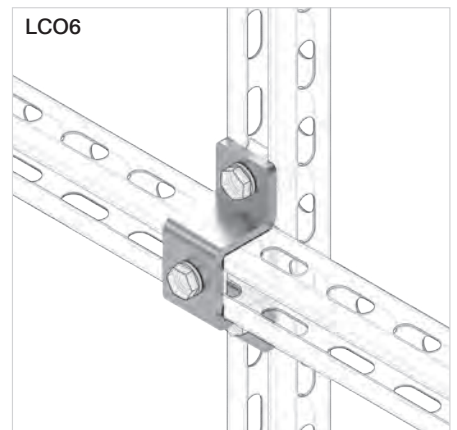
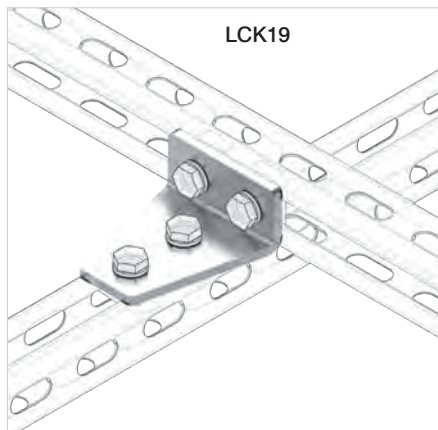
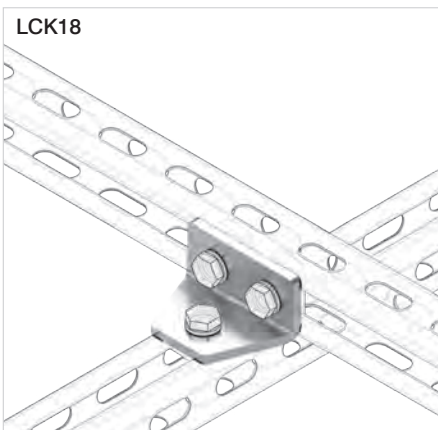
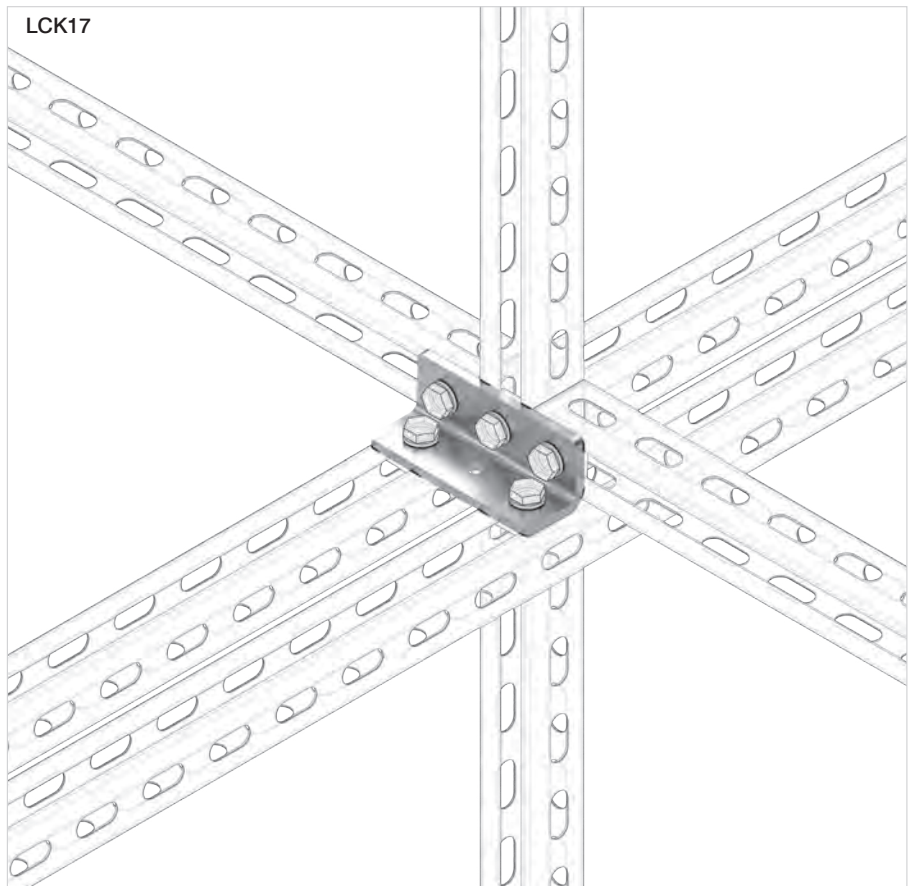
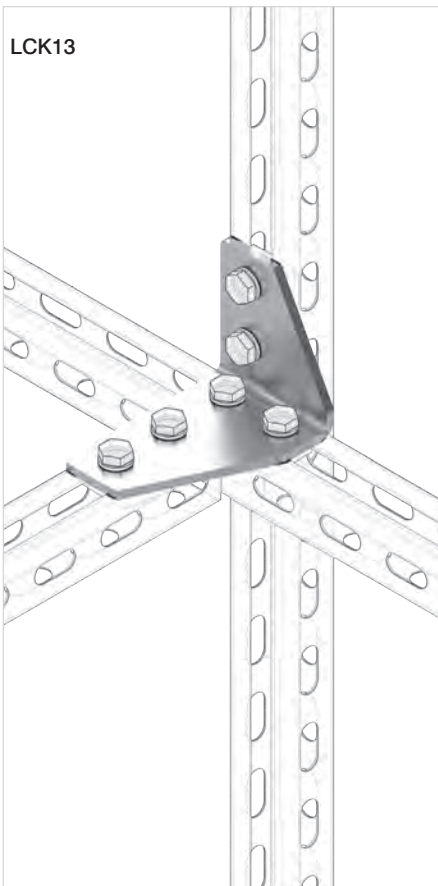




Examples of application of channel connectors

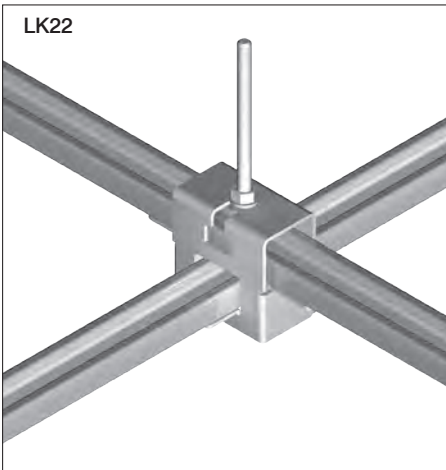
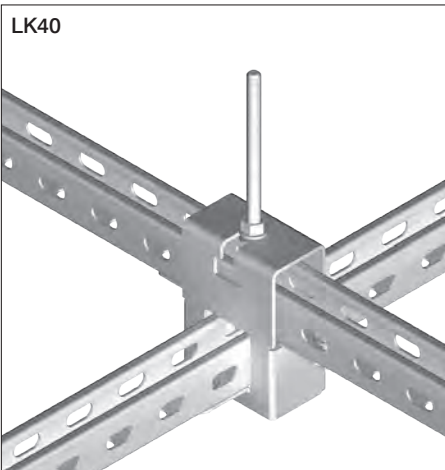
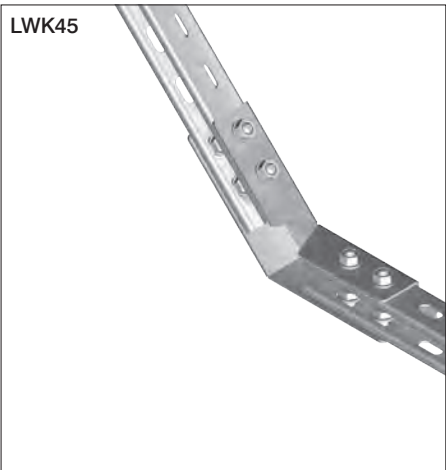
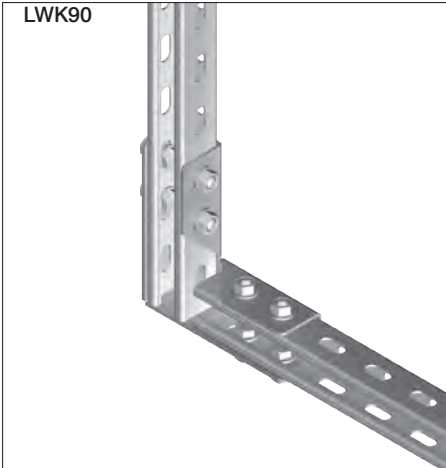
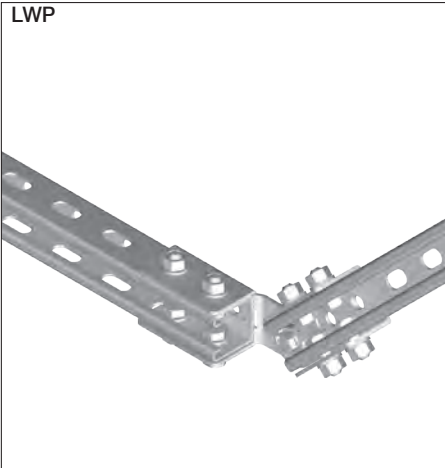
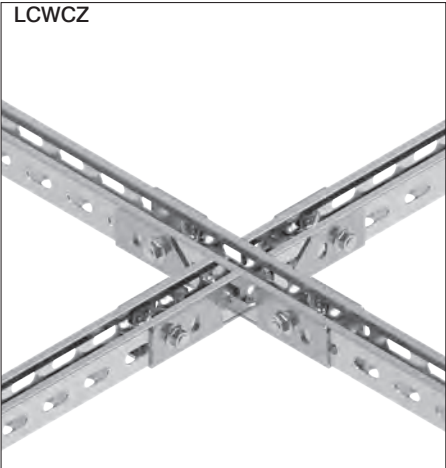
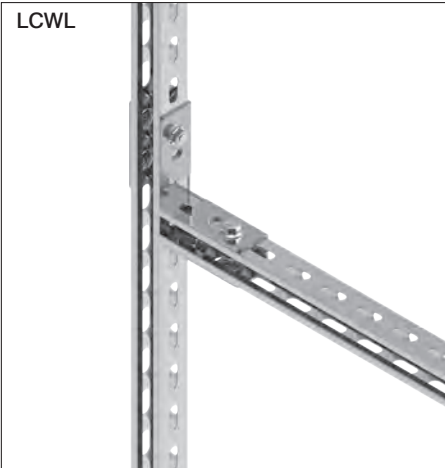




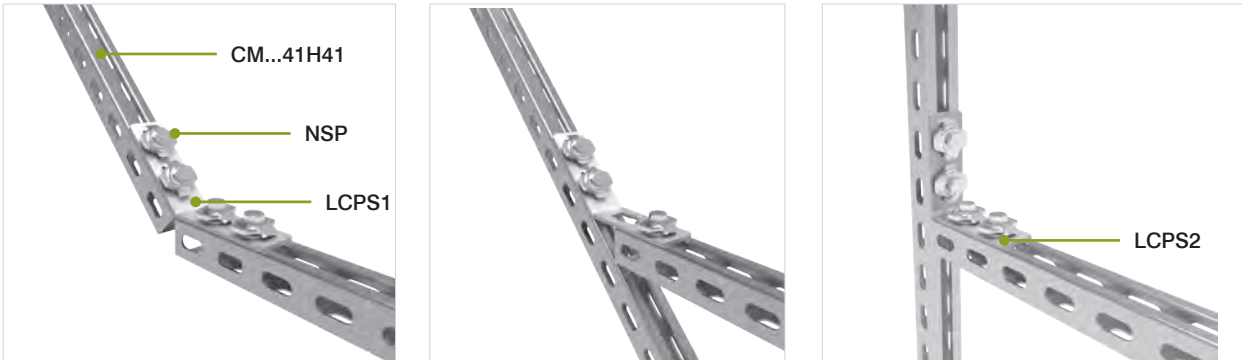




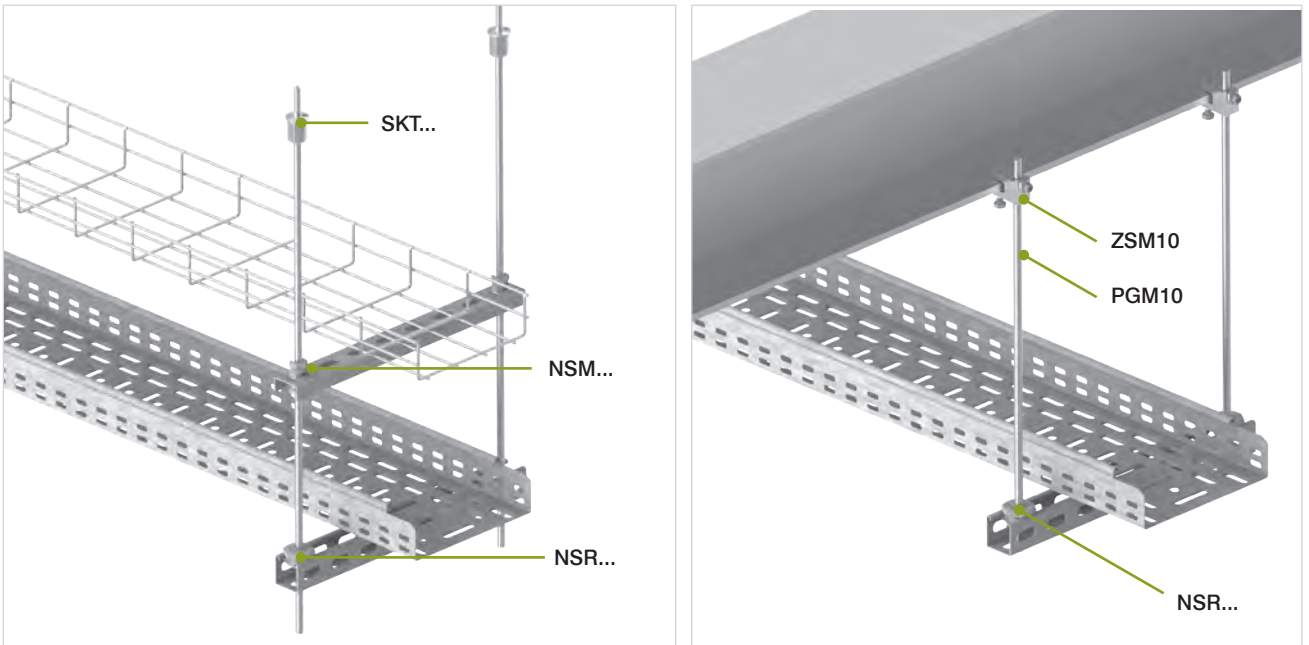
Examples of application of channel connectors



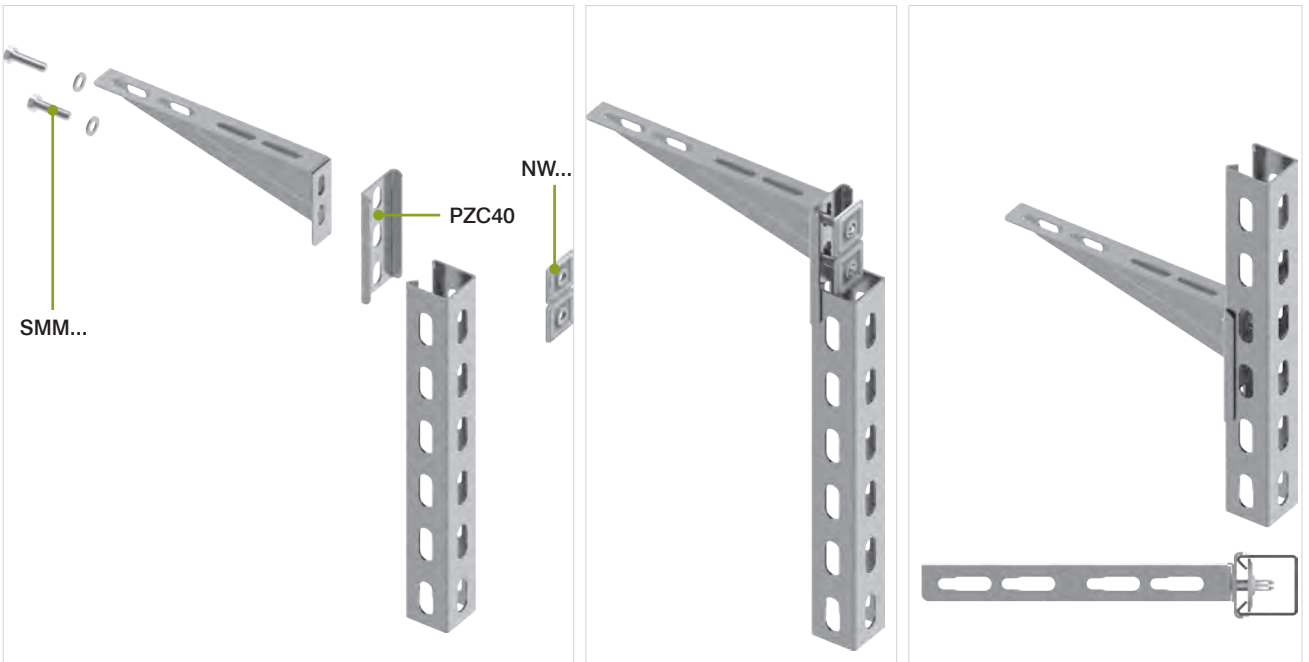
Example of use of rhomboid nut NSP... and channel connectors



Example of application of quick lock nuts NSM... and NSR...



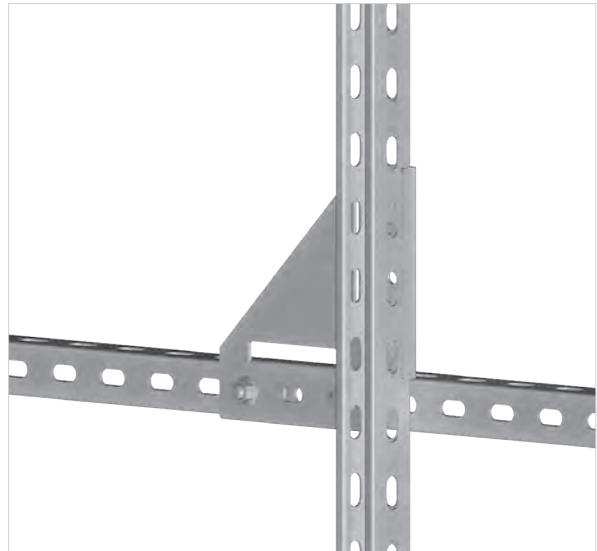
Example of use of PZC40 assembly plate and NW... nuts



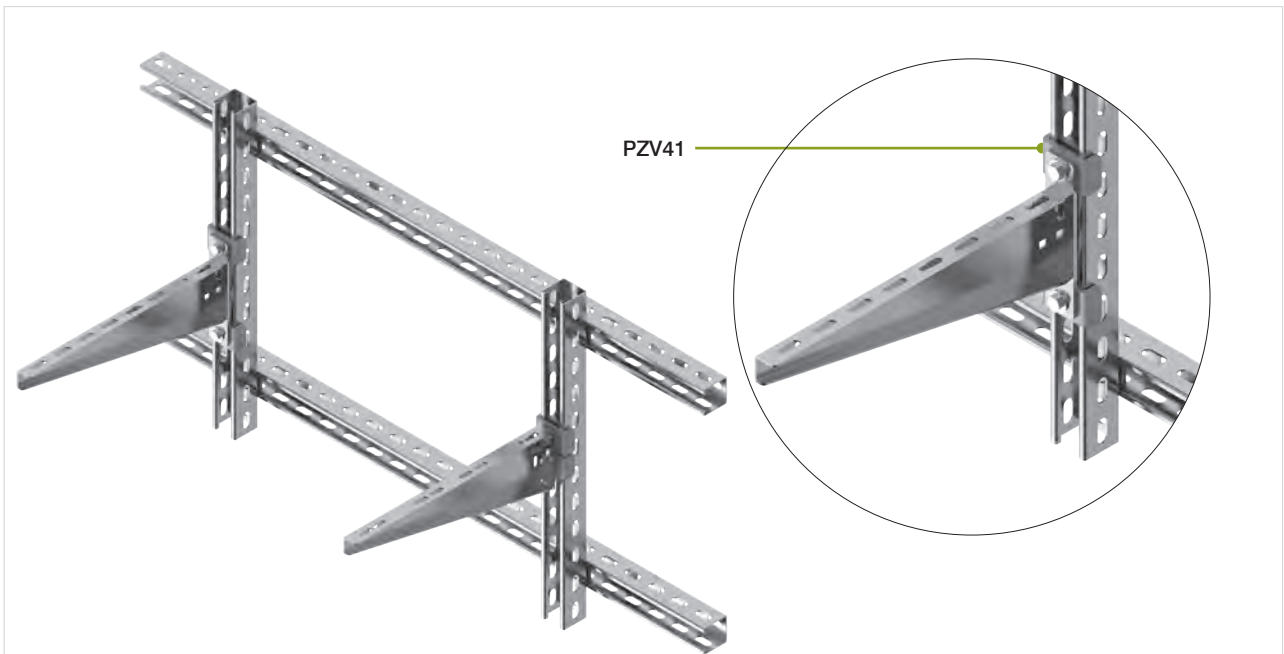
Example of use of WD40 wire hanger



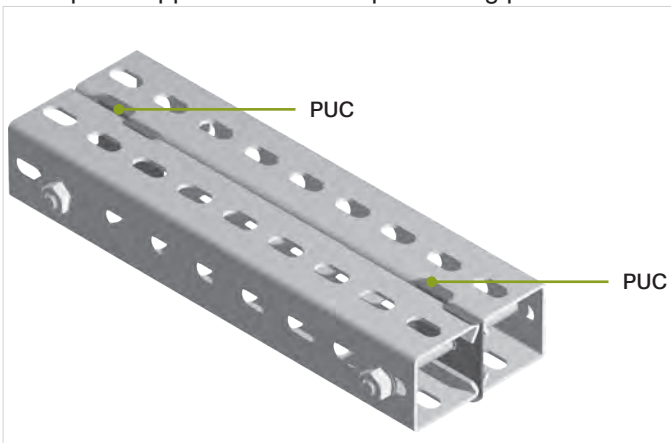
Example of application of UNW reinforced corner holder



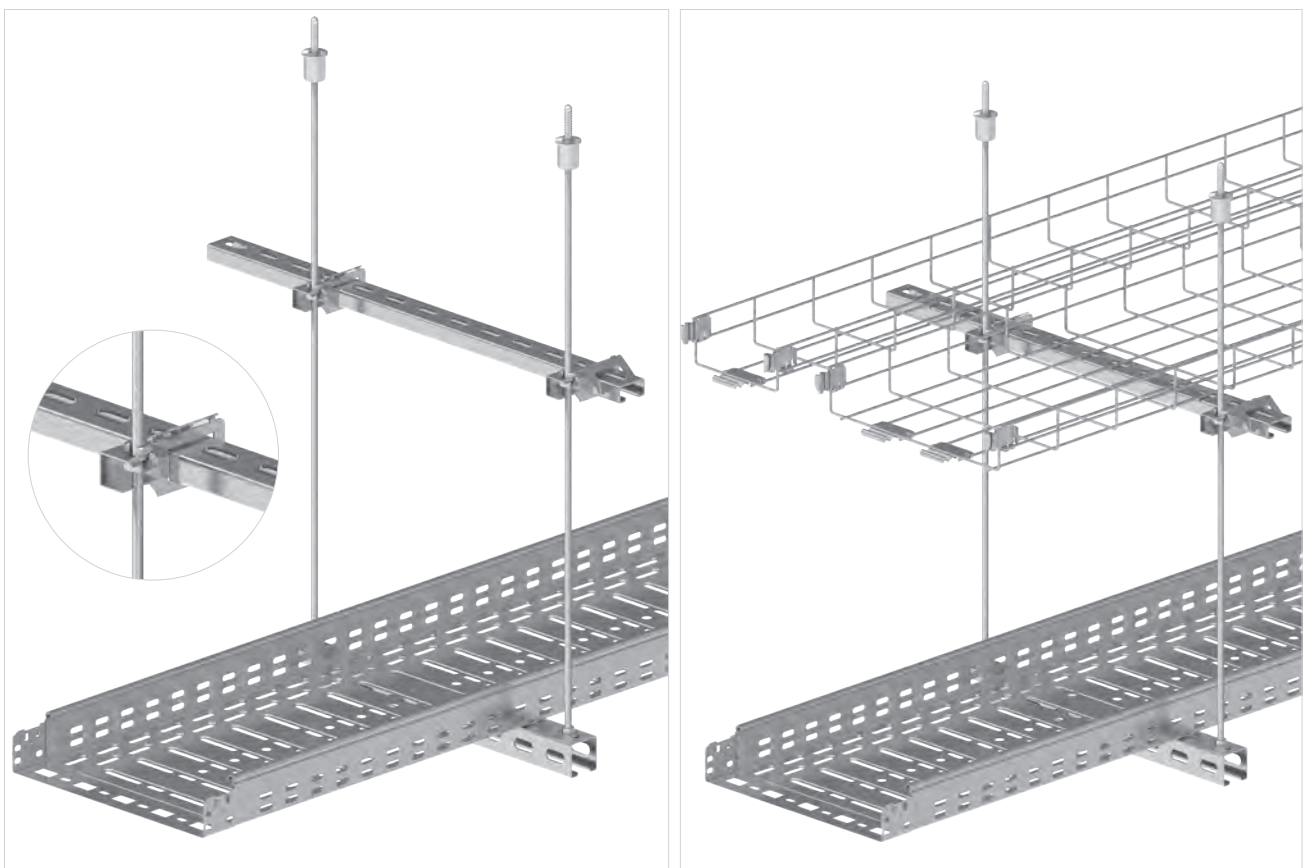
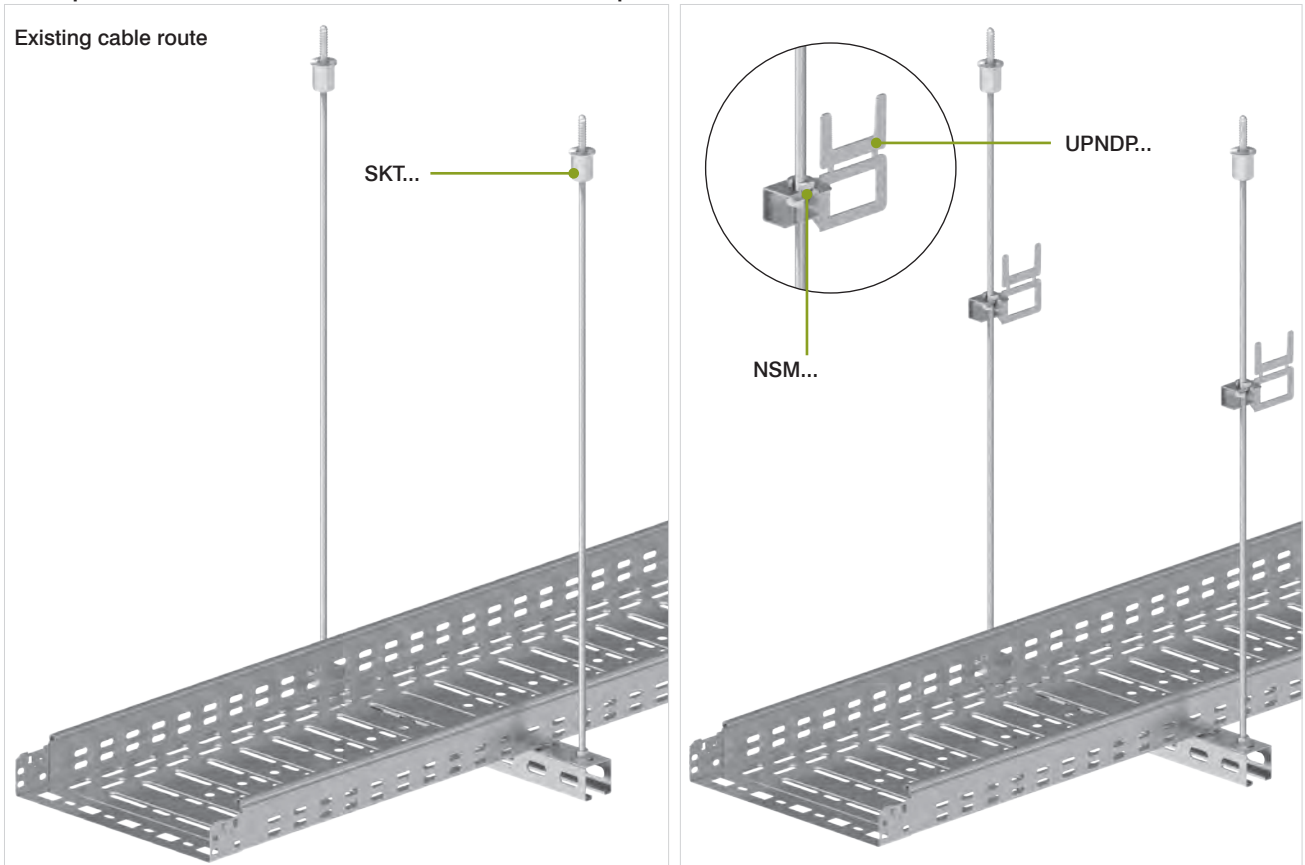
Example of PZV41 assembly plate



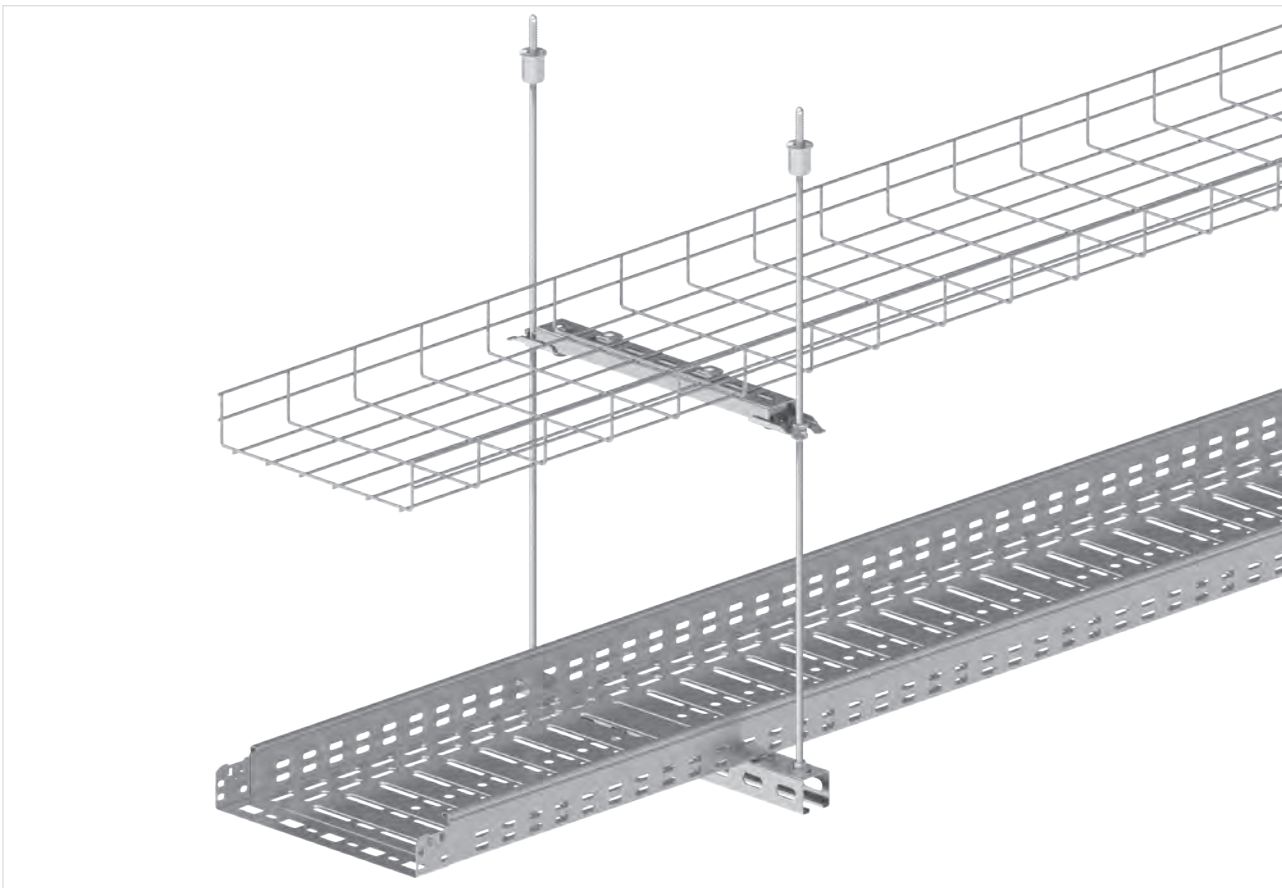
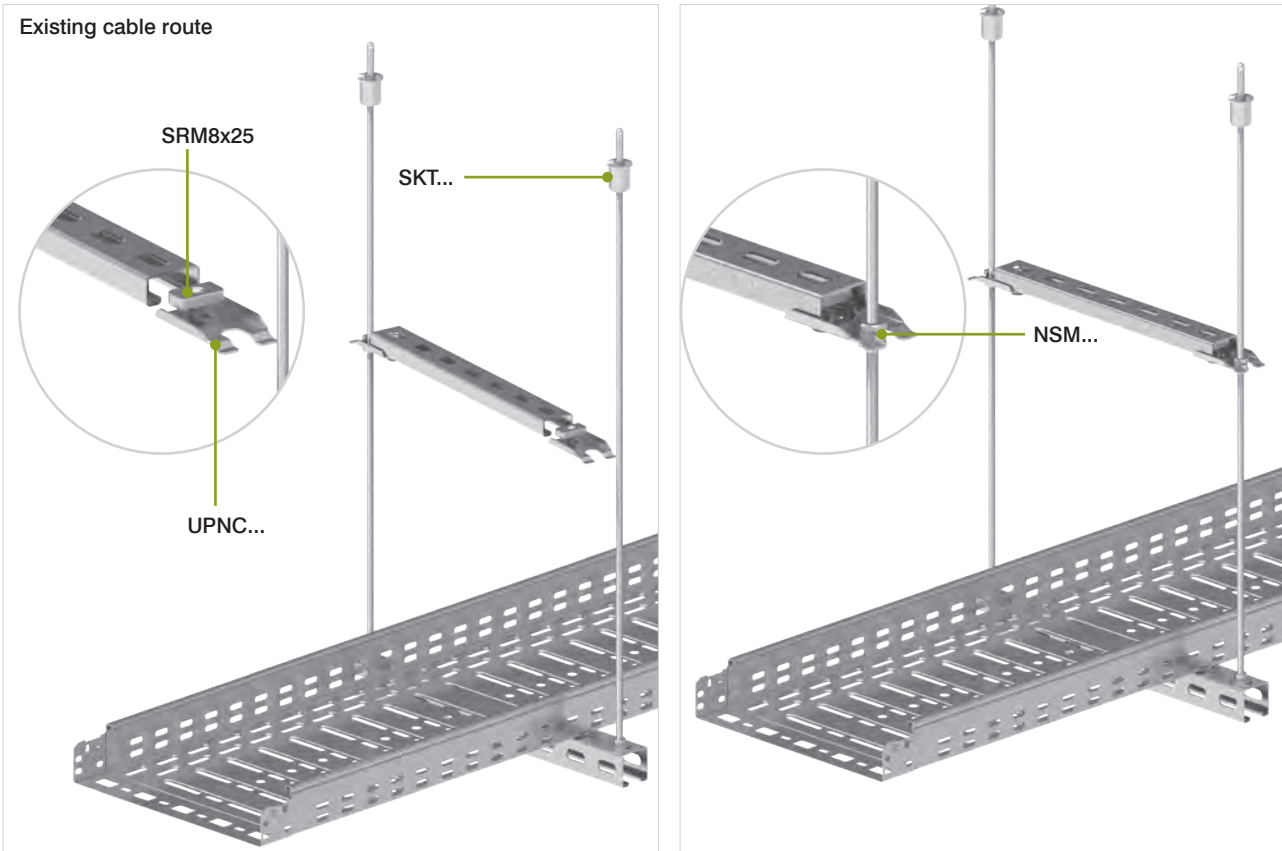
Example of application of PUC positioning plate



Example of use of UNDP... rod holder and NSM... quick lock nut



Example of application of UPNC... rod holder and NSM... quick lock nut



Support for rooftop installations and applications

