

ADVANTAGES OF THE CABLE LADDER SYSTEM

Cable ladders are mainly used in various types of industrial facilities, where the most important aspects are the performance of cable routes:

- Mechanical strength,
- High load-bearing capacity,
- Heat dissipation,
- Easy cable exits to the system,
- Ability to route heavy power cables with large cross sections, thanks to specially designed shaped elements (bends, tees, cross-overs, etc.) with large internal radii

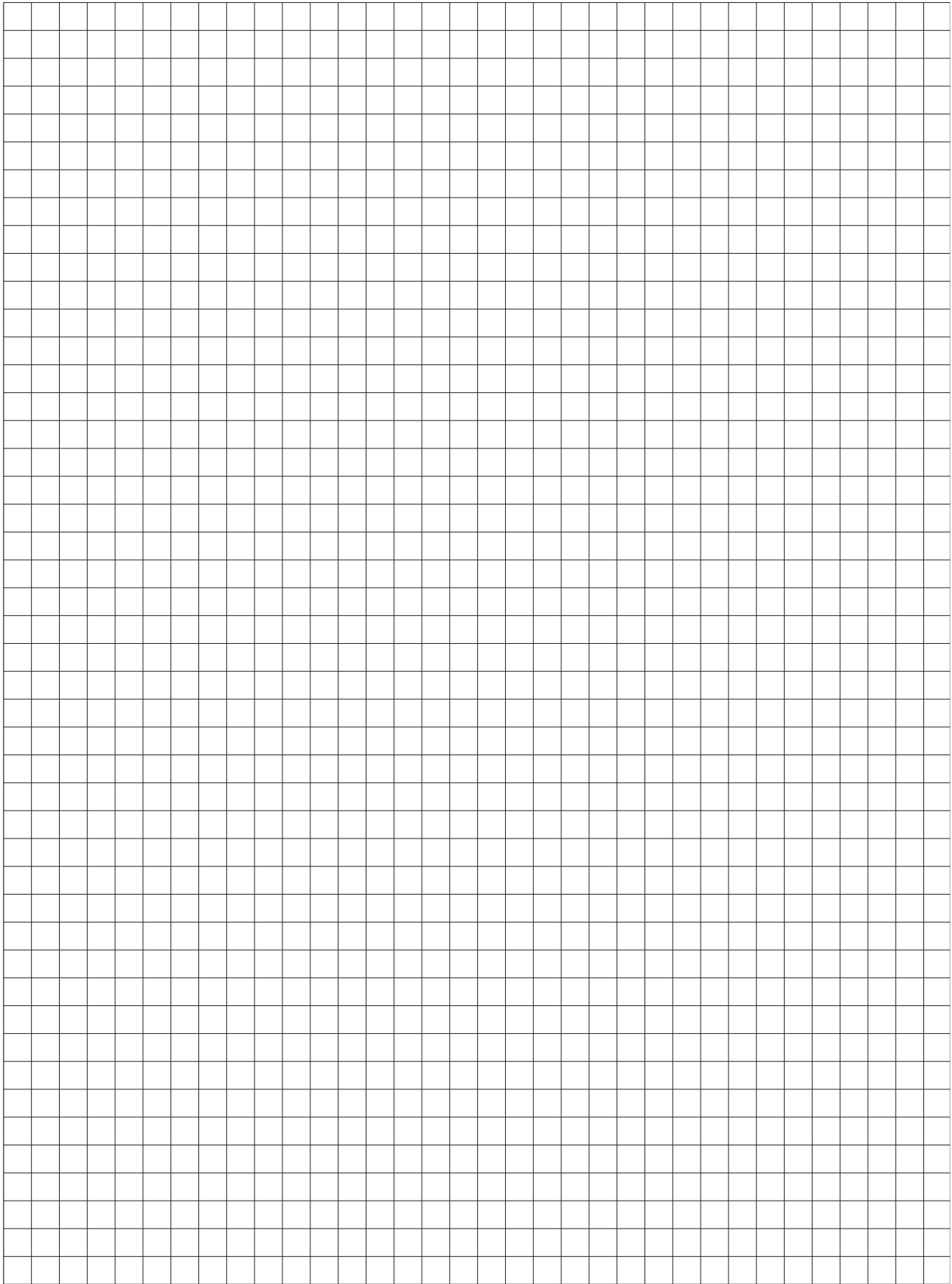
Thanks to the high mechanical strength of cable ladders and a full range of brackets, they are used in the power industry for routing heavy cables with large cross sections. With the right material and cover, the ladders are suitable for both indoor and outdoor use in varying weather conditions.

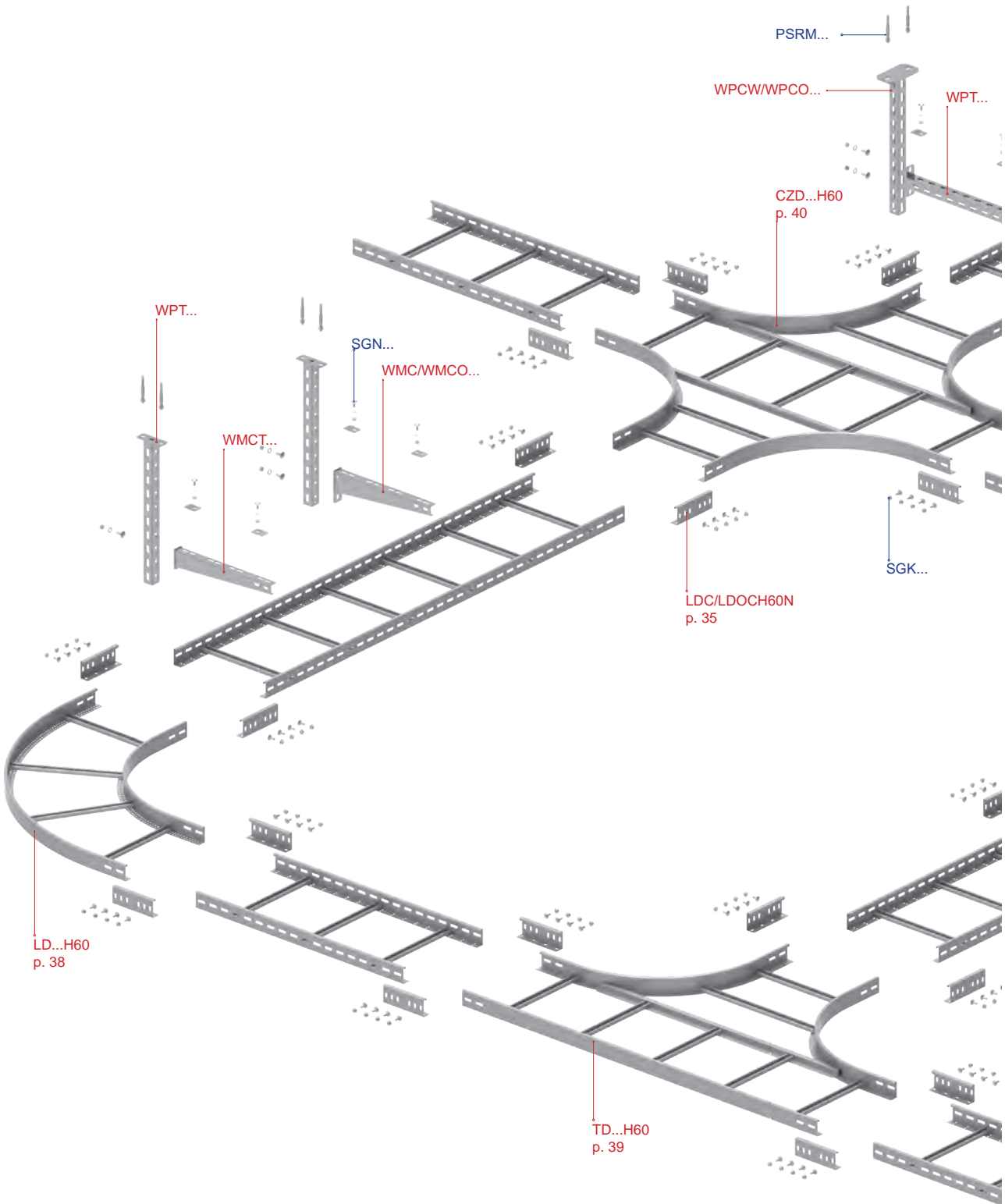
1. CLICK type DF snap connection ladders - innovative snap connection without the need for bolting greatly speeds up the installation of the cable route - significant savings in the assembly time of the cable route, the connection of two ladders takes a few seconds.
2. The new dense, rectangular perforation of sides, connectors and fittings makes it possible to connect and install system components anywhere without drilling.
3. The system is also provided with extension tees, which make it easy to change direction and branch cable ladders anywhere.
4. New universal fasteners to make horizontal bends and bypasses and reductions quickly and inexpensively.
5. New slide-out connectors to make installation easier and faster without cutting ladders.
6. New vertical connectors for quick and inexpensive creation of vertical sections anywhere along the cable route.
7. The use of new rungs of 15x30 mm and 41x21 mm with a gap of 18 mm enables the use of two types of cable clips - UK... and UKZ....
8. Double riveted rungs (4 rivets per rung) significantly increase the rigidity of the ladder (the possibility of mounting horizontally with the rungs against the wall) and increase the resistance to shear loads (the possibility of vertical mounting, for example, in a cable duct).
9. Innovative method of hole-less riveting of rungs by forcing one material into another - a strong and rigid connection.
10. A complete system containing shaped elements, such as: elbows, tees, cross-overs, bends, reductions, covers, etc., allowing any formation of cable routes - this ensures speed and professionalism in installation, aesthetic qualities of the cable route as well as protection of cables from UV radiation, mechanical damage and dirt (covers).
11. Large radii of fittings (R=420 mm) for routing thick cables with minimum bending radii.
12. The cable ladder system ensures optimum heat dissipation from hot cables and facilitates keeping cables clean.
13. A wide range of dimensions: side height from 45 mm to 120 mm, width from 100 mm to 600 mm, sheet thickness from 1.0 mm to 2.0 mm - the ability to select the optimal ladder for different needs results in a significant reduction in the price of the cable route.
14. Ensured electrical continuity of all types of ladders DF, DU, DK and all dimensions of ladders confirmed by TÜV Rheinland and VDE certificates according to standards: PN-EN 61537:2007, DIN EN 61537:2007-9, BS-EN 61537:2007, EN 61537:2007.
15. Calculation modules on the website - ability to quickly and optimally select ladders based on load and duty.
16. BAKSCAD II - software provided to quickly design a cable route including support elements, with the ability to generate a bill of materials containing all the necessary components for the installation of the designed cable route.
17. It is possible to manufacture ladders 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), aluminium alloys, copper alloys - with such a wide range of materials and coatings, there are unlimited possibilities for use in any environment.
18. Fully automated production process of cable ladders and all system elements - thus ensuring high quality and repeatability of production with the precision of 0.1 mm
19. Technology and production quality at the highest level globally, thanks to the use of machinery from the best manufacturers on the market.
20. We produce from high quality materials, sheet metal, manufactured in Western European steel mills (Arcelor Mittal Eisenhuttenstadt, 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.

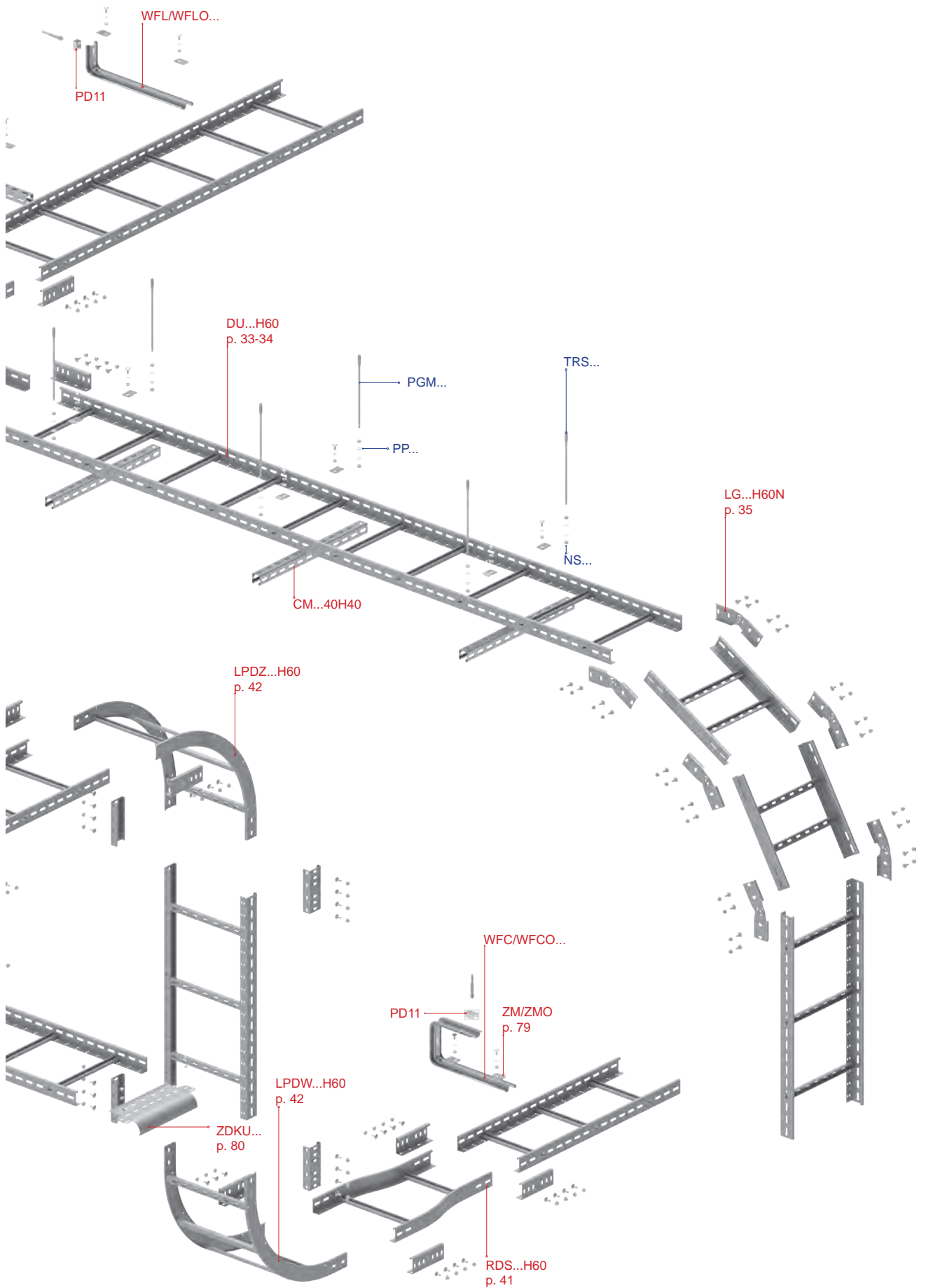




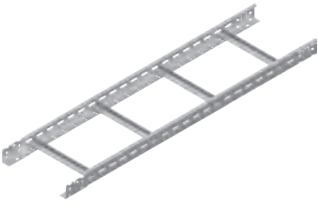

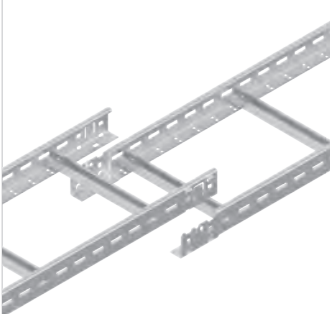
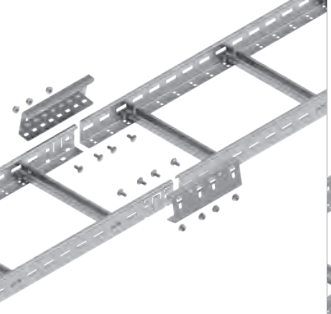
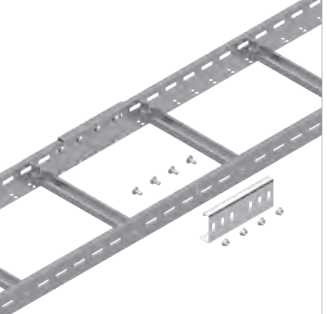




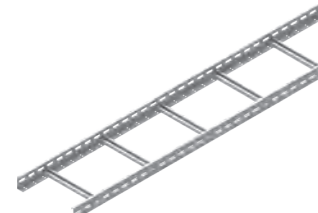






21. Design and manufacture of custom, non-standard ladders and even entire systems complete with fittings and support structures. Any length, width, height, perforation, thickness, type of material and use of any colour do not limit the possibilities in creating aesthetically pleasing and innovative solutions. We are flexible and open to customer needs.
22. 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.
23. 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 and SIA 261 (seismic vibration resistance).
24. BAKS has been specialising in the production of cable routes for 36 years. Our extensive experience enables the design and manufacture of customised cable routes and support structures for use in all weather conditions.
25. For each large project, we dedicate at least 1 engineer, as technical support.
26. We organise free product training for designers, salespersons and fitters at BAKS production facility or at the customer's site at a convenient time.
27. We boast recommendations for many completed investments in Western Europe
28. We equip retail outlets with: sample boards, stands with catalogues and advertising materials, banners.
29. All the necessary certificates and approvals for ladder types DF, DU, DK:
 - 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 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







LIST OF ELEMENTS FOR COMPLETION OF CABLE LADDER SYSTEMS

ladder type	Connecting of ladders		
	screwless connection CLICK	mixed connection of CLICK and ordinary ladder using connectors	connection by the use of connectors
DFP...H60/3 (KLIK)  			
DK...  		LDFCH60 	LDC... LDP... 
DU...  		and SGM8x14 or SGKM8x14 screws 	and SGM8x14 or SGKM8x14 screws 
			

The colored square indicates the type of the tray

Connecting ladders with fittings

connection of CLICK ladder with the use of LDFCH60 connector		connection of an ordinary ladder using the LDC connector...	
LD...H60		LD...H...	
TD...H60		TD...H...	
CZD...H60		CZD...H...	
RDS...H60		RDS...H...	
	<p>LDFCH60</p> <p>and SGM8x14 or SGKM8x14 screws</p>		<p>LDC... LDP..</p> <p>and SGM8x14 or SGKM8x14 screws</p>



Cable Ladder	DKD...H45N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.2 mm					
DKD100H45/3N	445110	100/3000	1.71	12	DUD100H45/3N DKP100H45/3N
DKD100H45/6N	445210	100/6000	1.71	12	DUD100H45/6N DKP100H45/6N
DKD200H45/3N	445120	200/3000	1.94	12	DUD200H45/3N DKP200H45/3N
DKD200H45/6N	445220	200/6000	1.94	12	DUD200H45/6N DKP200H45/6N
DKD300H45/3N	445130	300/3000	2.17	12	DUD300H45/3N DKP300H45/3N
DKD300H45/6N	445230	300/6000	2.17	12	DUD300H45/6N DKP300H45/6N
DKD400H45/3N	445140	400/3000	2.40	6	DUD400H45/3N DKP400H45/3N
DKD400H45/6N	445240	400/6000	2.40	12	DUD400H45/6N DKP400H45/6N
DKD500H45/3N	445150	500/3000	2.62	6	DUD500H45/3N DKP500H45/3N
DKD500H45/6N	445250	500/6000	2.62	12	DUD500H45/6N DKP500H45/6N
DKD600H45/3N	445160	600/3000	2.85	6	DUD600H45/3N DKP600H45/3N
DKD600H45/6N	445260	600/6000	2.85	12	DUD600H45/6N DKP600H45/6N

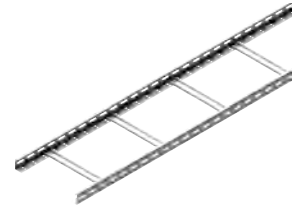
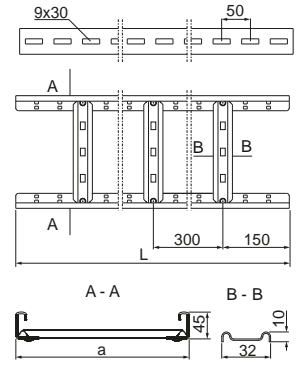
Additional information:

– option E90 for widths of 100 – 400 mm (see Section 19 for details)

Cable Ladder	DKP...H45N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.5 mm					
DKP100H45/3N	445410	100/3000	2.06	12	DUP100H45/3N DKC100H45/3N
DKP100H45/6N	445510	100/6000	2.06	12	DUP100H45/6N DKC100H45/6N
DKP200H45/3N	445420	200/3000	2.33	12	DUP200H45/3N DKC200H45/3N
DKP200H45/6N	445520	200/6000	2.33	12	DUP200H45/6N DKC200H45/6N
DKP300H45/3N	445430	300/3000	2.61	12	DUP300H45/3N DKC300H45/3N
DKP300H45/6N	445530	300/6000	2.61	12	DUP300H45/6N DKC300H45/6N
DKP400H45/3N	445440	400/3000	2.88	6	DUP400H45/3N DKC400H45/3N
DKP400H45/6N	445540	400/6000	2.88	12	DUP400H45/6N DKC400H45/6N
DKP500H45/3N	445450	500/3000	3.15	6	DUP500H45/3N DKC500H45/3N
DKP500H45/6N	445550	500/6000	3.15	12	DUP500H45/6N DKC500H45/6N
DKP600H45/3N	445460	600/3000	3.43	6	DUP600H45/3N DKC600H45/3N
DKP600H45/6N	445560	600/6000	3.43	12	DUP600H45/6N DKC600H45/6N

Use:

Routing a cable route.



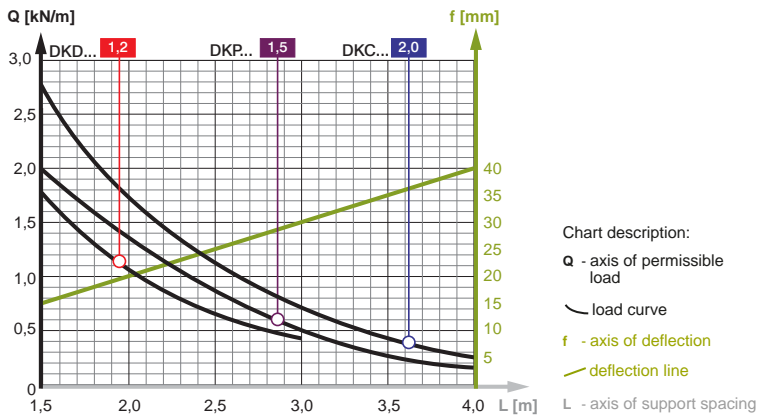
Cable Ladder	DKC...H45N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 2.0 mm					
DKC100H45/3N	445710	100/3000	2.74	12	DUC100H45/3N DKC100H50/3N
DKC100H45/6N	445810	100/6000	2.74	12	DUC100H45/6N DKC100H50/6N
DKC200H45/3N	445720	200/3000	3.10	12	DUC200H45/3N DKC200H50/3N
DKC200H45/6N	445820	200/6000	3.10	12	DUC200H45/6N DKC200H50/6N
DKC300H45/3N	445730	300/3000	3.48	12	DUC300H45/3N DKC300H50/3N
DKC300H45/6N	445830	300/6000	3.48	12	DUC300H45/6N DKC300H50/6N
DKC400H45/3N	445740	400/3000	3.85	6	DUC400H45/3N DKC400H50/3N
DKC400H45/6N	445840	400/6000	3.85	12	DUC400H45/6N DKC400H50/6N
DKC500H45/3N	445750	500/3000	4.20	6	DUC500H45/3N DKC500H50/3N
DKC500H45/6N	445850	500/6000	4.20	12	DUC500H45/6N DKC500H50/6N
DKC600H45/3N	445760	600/3000	4.57	6	DUC600H45/3N DKC600H50/3N
DKC600H45/6N	445860	600/6000	4.57	12	DUC600H45/6N DKC600H50/6N

Use:

Routing a cable route.

Additional information:

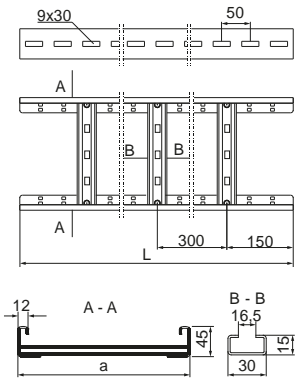
- ladder with rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm



Cable ladders H45



Cable Ladder	DUD...H45N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.2 mm					
DUD100H45/3N	446010	100/3000	1.71	12	DKD100H45/3N DUP100H45/3N
DUD100H45/6N	446110	100/6000	1.71	12	DKD100H45/6N DUP100H45/6N
DUD200H45/3N	446020	200/3000	1.94	12	DKD200H45/3N DUP200H45/3N
DUD200H45/6N	446120	200/6000	1.94	12	DKD200H45/6N DUP200H45/6N
DUD300H45/3N	446030	300/3000	2.17	12	DKD300H45/3N DUP300H45/3N
DUD300H45/6N	446130	300/6000	2.17	12	DKD300H45/6N DUP300H45/6N
DUD400H45/3N	446040	400/3000	2.40	6	DKD400H45/3N DUP400H45/3N
DUD400H45/6N	446140	400/6000	2.40	12	DKD400H45/6N DUP400H45/6N
DUD500H45/3N	446050	500/3000	2.62	6	DKD500H45/3N DUP500H45/3N
DUD500H45/6N	446150	500/6000	2.62	12	DKD500H45/6N DUP500H45/6N
DUD600H45/3N	446060	600/3000	2.85	6	DKD600H45/3N DUP600H45/3N
DUD600H45/6N	446160	600/6000	2.85	12	DKD600H45/6N DUP600H45/6N



Cable Ladder	DUP...H45N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.5 mm					
DUP100H45/3N	446310	100/3000	2.06	12	DKP100H45/3N DUC100H45/3N
DUP100H45/6N	446410	100/6000	2.06	12	DKP100H45/6N DUC100H45/6N
DUP200H45/3N	446320	200/3000	2.33	12	DKP200H45/3N DUC200H45/3N
DUP200H45/6N	446420	200/6000	2.33	12	DKP200H45/6N DUC200H45/6N
DUP300H45/3N	446330	300/3000	2.61	12	DKP300H45/3N DUC300H45/3N
DUP300H45/6N	446430	300/6000	2.61	12	DKP300H45/6N DUC300H45/6N
DUP400H45/3N	446340	400/3000	2.88	6	DKP400H45/3N DUC400H45/3N
DUP400H45/6N	446440	400/6000	2.88	12	DKP400H45/6N DUC400H45/6N
DUP500H45/3N	446350	500/3000	3.15	6	DKP500H45/3N DUC500H45/3N
DUP500H45/6N	446450	500/6000	3.15	12	DKP500H45/6N DUC500H45/6N
DUP600H45/3N	446360	600/3000	3.43	6	DKP600H45/3N DUC600H45/3N
DUP600H45/6N	446460	600/6000	3.43	12	DKP600H45/6N DUC600H45/6N



Use:

Routing a cable route.

Additional information:

- ladder with rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm
- in the case of mounting ladders horizontally – rungs to the wall, it is recommended to use ladders with rungs double riveted to the board

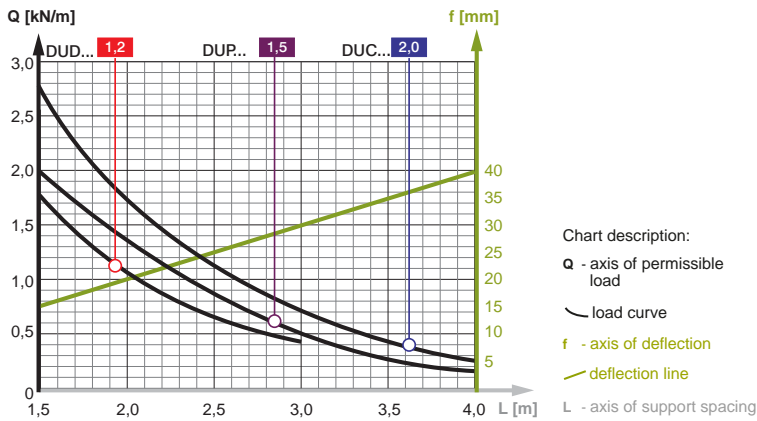
Cable Ladder	DUC...H45N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 2.0 mm					
DUC100H45/3N	446610	100/3000	2.74	12	DKC100H45/3N DUC100H50/3N
DUC100H45/6N	446710	100/6000	2.74	12	DKC100H45/6N DUC100H50/6N
DUC200H45/3N	446620	200/3000	3.10	12	DKC200H45/3N DUC200H50/3N
DUC200H45/6N	446720	200/6000	3.10	12	DKC200H45/6N DUC200H50/6N
DUC300H45/3N	446630	300/3000	3.48	12	DKC300H45/3N DUC300H50/3N
DUC300H45/6N	446730	300/6000	3.48	12	DKC300H45/6N DUC300H50/6N
DUC400H45/3N	446640	400/3000	3.84	6	DKC400H45/3N DUC400H50/3N
DUC400H45/6N	446740	400/6000	3.84	12	DKC400H45/6N DUC400H50/6N
DUC500H45/3N	446650	500/3000	4.20	6	DKC500H45/3N DUC500H50/3N
DUC500H45/6N	446750	500/6000	4.20	12	DKC500H45/6N DUC500H50/6N
DUC600H45/3N	446660	600/3000	4.57	6	DKC600H45/3N DUC600H50/3N
DUC600H45/6N	446760	600/6000	4.57	12	DKC600H45/6N DUC600H50/6N

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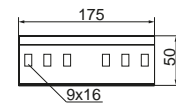
Routing a cable route.

Additional information:

- ladder with rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm
- in the case of mounting ladders horizontally – rungs to the wall, it is recommended to use ladders with rungs double riveted to the board



Connector	LDCH45N	mat.: S	option: F, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 2.0 mm				
LDCH45N	441001	0.25	10	



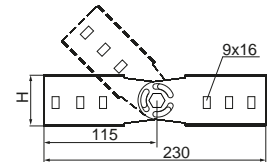
Use:

Connecting cable routes

Additional information:

- use 4 sets of SGKM8x14 or SGM8x14 bolts for mounting

Articulated connector	LG...H45N	mat.: S	option: F, E, L		
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LGCH45N	441301	50	0.10	10	LGTH45N
Material thickness = 3.0 mm					
LGTH45N	441302	52	0.15	10	LGCH45N



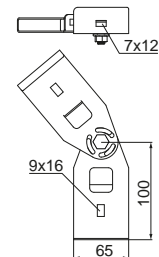
Use:

Connecting cable ladders routed at different angles. Full range angle adjustment with locking mechanism.

Additional information:

- use 4 sets of SGKM8x14 or SGM8x14 bolts for mounting
- option E90 for a sheet thickness of 2 mm (see Section 19 for details)

Articulated Connector - Attachable	LDD...H45	mat.: S	option: F, E, L		
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]		substitute
Material thickness = 1.5 mm					
LDDPH45	441398	0.20	10		LDDCH45N
Material thickness = 2.0 mm					
LDDCH45N	441201	0.26	10		LDDTH45N
Material thickness = 3.0 mm					
LDDTH45N	441202	0.37	10		LDDCH45N



Use:

Connecting elements of a cable route routed at different angles. Angle adjustment from 0-90°. Ability to form a two-level route.

Additional information:

- use 2 sets of SGKM8x14 or SGM8x14 bolts for mounting when bolting to the side of the ladder board
- option E90 for a sheet thickness of 2 mm (see Section 19 for details)

Angle Connector	LKD...H45	mat.: S	option: F, E, L		
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LKDPH45	441399	49	0.34	20	LKDCH45N
Material thickness = 2.0 mm					
LKDCH45N	441101	50	0.45	20	LKDPH45



Use:

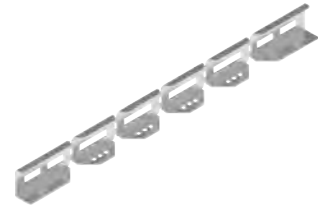
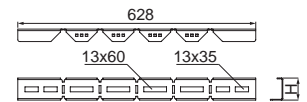
Connecting cable ladders routed at different angles

Additional information:

- use 4 sets of SGKM8x14 or SGM8x14 bolts for mounting
- the new dense perforation used in the connector guarantees the bolt connection of two ladders cut at any point both at an angle and straight without additional drilling
- option E90 for a sheet thickness of 2 mm (see Section 19 for details)



Universal connector		LLUS...H45		mat.: S	option: F, E, L	
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
LLUSPH45	434499	49	0.53	10	LLUSH45	
Material thickness = 2.0 mm						
LLUSH45	434500	50	0.70	10	LLUSPH45	

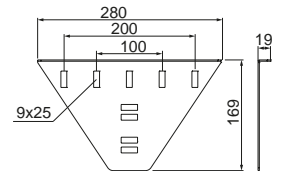


Use:
Forming reducers and bends.

Additional information:

- use SGK8x16 bolts and PW8 washers for mounting
- to reinforce the formed fitting, it is recommended to use the SCP rung...

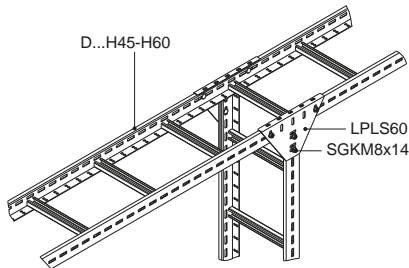
Vertical Connector		LPLS60		mat.: S	option: F, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]			
Material thickness = 2.0 mm						
LPLS60	405806	0.49	2			



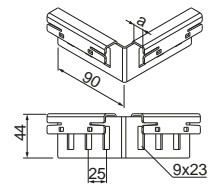
Use:
Connection at any point in the horizontal line of the cable route vertical exit.

Additional information:

- LPLS60 connector fits DK...and DU... ladders with heights of 45 – 60 mm.
- mounting with bolts SGM8x14 or SGK8x14



Angle coupler - bendable		LKU...H45		mat.: S	option: F, E, L	
code	catalogue number	dimension a/H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
LKUPH45	405710	13/44	0.13	10	LKUCH45	
Material thickness = 2.0 mm						
LKUCH45	405711	13/44	0.18	10	LKUPH45	



Use:
Quick and easy connection of a new cable route to an existing one at any point.

Additional information:

- for mounting, we offer 4 sets of SGK8x14 or SGM8x14 bolts
- stable and fast mounting anywhere on the ladder without drilling holes

Attachable Connector		LDDK...3		mat.: S	option: F, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	substitute		
Material thickness = 1.5 mm						
LDDKP3	405800	1.10	2	LDDKC3		
Material thickness = 2.0 mm						
LDDKC3	405900	1.50	2	LDDKP3		



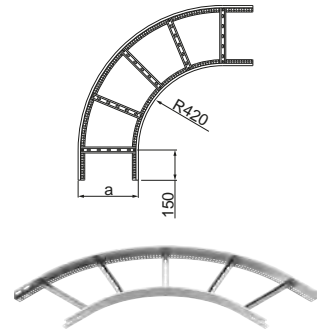
Use:
Branching anywhere in an already existing cable route.

Additional information:

- for mounting, we offer 4 sets of SGK6x12 or SGM6x12 bolts

90° Horizontal Bend **LDP...H45N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LDP100H45N	446810	100	2.54	2	LDC100H45N
LDP200H45N	446820	200	3.08	2	LDC200H45N
LDP300H45N	446830	300	3.62	2	LDC300H45N
LDP400H45N	446840	400	4.16	2	LDC400H45N
LDP500H45N	446850	500	4.70	2	LDC500H45N
LDP600H45N	446860	600	5.24	2	LDC600H45N



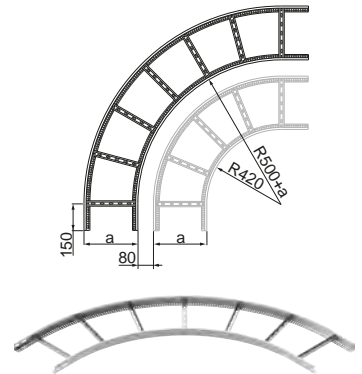
90° Horizontal Bend **LDC...H45N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LDC100H45N	446910	100	3.39	2	LDP100H45N
LDC200H45N	446920	200	4.11	2	LDP200H45N
LDC300H45N	446930	300	4.83	2	LDP300H45N
LDC400H45N	446940	400	5.55	2	LDP400H45N
LDC500H45N	446950	500	6.27	2	LDP500H45N
LDC600H45N	446960	600	7.00	2	LDP600H45N



90° Horizontal Bend - External **LDZP...H45N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LDZP100H45N	447010	100	2.92	2	LDZC100H45N
LDZP200H45N	447020	200	3.92	2	LDZC200H45N
LDZP300H45N	447030	300	4.95	2	LDZC300H45N
LDZP400H45N	447040	400	5.96	2	LDZC400H45N
LDZP500H45N	447050	500	6.91	2	LDZC500H45N
LDZP600H45N	447060	600	8.06	2	LDZC600H45N



90° Horizontal Bend - External **LDZC...H45N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LDZC100H45N	447110	100	3.89	2	LDZP100H45N
LDZC200H45N	447120	200	5.22	2	LDZP200H45N
LDZC300H45N	447130	300	6.60	2	LDZP300H45N
LDZC400H45N	447140	400	7.94	2	LDZP400H45N
LDZC500H45N	447150	500	9.21	2	LDZP500H45N
LDZC600H45N	447160	600	10.74	2	LDZP600H45N



Use:

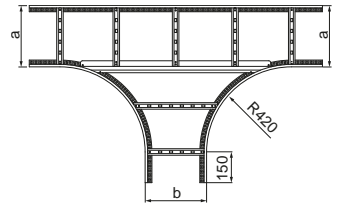
Changing the direction of the cable route.

Additional information:

- use 4 LDCH... connectors and 16 sets of SGKM8x14 or SGM8x14 bolts for mounting
- option E90 for widths of 100 – 400 mm (see Section 19 for details)



Horizontal Tee		TDP...H45N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
TDP100H45N	447210	100	4.18	2	TDC100H45N
TDP200H45N	447220	200	4.89	2	TDC200H45N
TDP300H45N	447230	300	5.61	2	TDC300H45N
TDP400H45N	447240	400	6.48	2	TDC400H45N
TDP500H45N	447250	500	7.14	2	TDC500H45N
TDP600H45N	447260	600	7.78	2	TDC600H45N



Horizontal Tee		TDC...H45N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
TDC100H45N	447310	100	5.57	2	TDP100H45N
TDC200H45N	447320	200	6.52	2	TDP200H45N
TDC300H45N	447330	300	7.48	2	TDP300H45N
TDC400H45N	447340	400	8.62	2	TDP400H45N
TDC500H45N	447350	500	9.52	2	TDP500H45N
TDC600H45N	447360	600	10.37	2	TDP600H45N



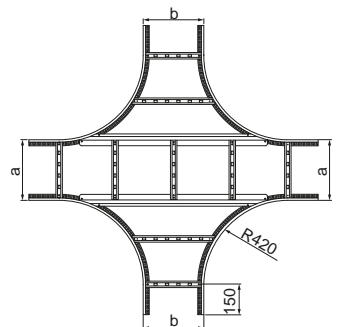
Use:

Cable route branching.

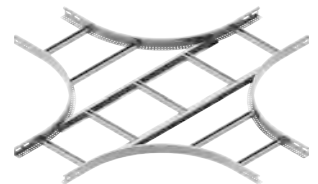
Additional information:

- use 6 LDCH... connectors and 24 sets of SGKM8x14 or SGM8x14 bolts for mounting
- for non-standard orders specify dimension a and b (if a=400, b=600 the ordered fitting should have the designation TD...400/600/400H...)
- option E90 for widths of 100 – 400 mm (see Section 19 for details)

Horizontal Cross-over		CZDP...H45N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
CZDP100H45N	447410	100	5.74	2	CZDC100H45N
CZDP200H45N	447420	200	6.44	2	CZDC200H45N
CZDP300H45N	447430	300	7.29	2	CZDC300H45N
CZDP400H45N	447440	400	8.15	2	CZDC400H45N
CZDP500H45N	447450	500	9.01	2	CZDC500H45N
CZDP600H45N	447460	600	9.87	2	CZDC600H45N



Horizontal Cross-over		CZDC...H45N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
CZDC100H45N	447510	100	7.65	2	CZDP100H45N
CZDC200H45N	447520	200	8.58	2	CZDP200H45N
CZDC300H45N	447530	300	9.72	2	CZDP300H45N
CZDC400H45N	447540	400	10.86	2	CZDP400H45N
CZDC500H45N	447550	500	12.00	2	CZDP500H45N
CZDC600H45N	447560	600	13.16	2	CZDP600H45N



Use:

Cable route branching.

Additional information:

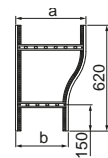
- use 8 LDCH...N connectors and 32 sets of SGKM8x14 bolts for mounting
- for non-standard orders specify dimension a and b (if a=200 and b=400 the ordered fitting should have the designation CZD...200/400/200/400H...)
- option E90 for widths of 100 – 400 mm (see Section 19 for details)

Right Reducer

RDPP...H45N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

RDPP200/100H45N	448620	200/100	1.34	2	RDPC200/100H45N
RDPP300/200H45N	448630	300/200	1.50	2	RDPC300/200H45N
RDPP400/300H45N	448240	400/300	1.68	2	RDPC400/300H45N
RDPP500/400H45N	448250	500/400	1.86	2	RDPC500/400H45N
RDPP600/500H45N	448260	600/500	2.02	2	RDPC600/500H45N



Right Reducer

RDPC...H45N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

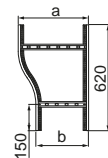
RDPC200/100H45N	448820	200/100	1.77	2	RDPP200/100H45N
RDPC300/200H45N	448830	300/200	2.01	2	RDPP300/200H45N
RDPC400/300H45N	448340	400/300	2.24	2	RDPP400/300H45N
RDPC500/400H45N	448450	500/400	2.48	2	RDPP500/400H45N
RDPC600/500H45N	448560	600/500	2.70	2	RDPP600/500H45N

Left Reducer

RDLP...H45N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

RDLP200/100H45N	448220	200/100	1.34	2	RDLC200/100H45N
RDLP300/200H45N	448230	300/200	1.50	2	RDLC300/200H45N
RDLP400/300H45N	448040	400/300	1.68	2	RDLC400/300H45N
RDLP500/400H45N	448050	500/400	1.86	2	RDLC500/400H45N
RDLP600/500H45N	448060	600/500	2.02	2	RDLC600/500H45N



Left Reducer

RDLC...H45N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

RDLC200/100H45N	448420	200/100	1.77	2	RDLP200/100H45N
RDLC300/200H45N	448430	300/200	2.01	2	RDLP300/200H45N
RDLC400/300H45N	448140	400/300	2.24	2	RDLP400/300H45N
RDLC500/400H45N	448150	500/400	2.48	2	RDLP500/400H45N
RDLC600/500H45N	448160	600/500	2.70	2	RDLP600/500H45N

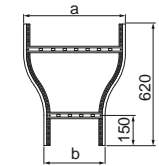
Use:

Changing the width of the cable route.

Straight Reducer
RDSP...H45N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

RDSP200/100H45N	447820	200/100	1.34	2	RDSC200/100H45N
RDSP300/200H45N	447830	300/200	1.50	2	RDSC300/200H45N
RDSP400/300H45N	447840	400/300	1.68	2	RDSC400/300H45N
RDSP500/400H45N	447850	500/400	1.86	2	RDSC500/400H45N
RDSP600/500H45N	447860	600/500	2.02	2	RDSC600/500H45N

Straight Reducer
RDSC...H45N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

RDSC200/100H45N	448020	200/100	1.77	2	RDSP200/100H45N
RDSC300/200H45N	448030	300/200	2.01	2	RDSP300/200H45N
RDSC400/300H45N	447940	400/300	2.24	2	RDSP400/300H45N
RDSC500/400H45N	447950	500/400	2.48	2	RDSP500/400H45N
RDSC600/500H45N	447960	600/500	2.70	2	RDSP600/500H45N

Use:

Changing the width of the cable route.

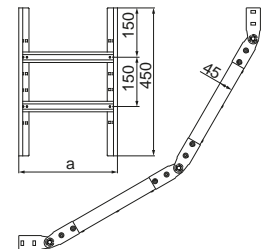
Additional information:

- use 4 LDCH... connectors and 16 sets of SGKM8x14 or SGM8x14 bolts for mounting
- for non-standard orders specify dimension a and b
- option E90 for widths of 100 – 400 mm (see Section 19 for details)


Adjustable Vertical Bend
LPDP...H45N

mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

LPDP100H45N	447610	100	3.48	2	LPDC100H45N
LPDP200H45N	447620	200	3.86	2	LPDC200H45N
LPDP300H45N	447630	300	4.25	2	LPDC300H45N
LPDP400H45N	447640	400	4.83	2	LPDC400H45N
LPDP500H45N	447650	500	5.00	2	LPDC500H45N
LPDP600H45N	447660	600	5.40	2	LPDC600H45N

Adjustable Vertical Bend
LPDC...H45N

mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

LPDC100H45N	447710	100	4.45	2	LPDP100H45N
LPDC200H45N	447720	200	4.94	2	LPDP200H45N
LPDC300H45N	447730	300	5.47	2	LPDP300H45N
LPDC400H45N	447740	400	6.23	2	LPDP400H45N
LPDC500H45N	447750	500	6.48	2	LPDP500H45N
LPDC600H45N	447760	600	7.00	2	LPDP600H45N

Use:

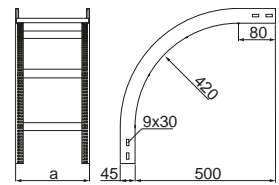
Changing the direction of the cable route.

Additional information:

- use 8 sets of SGKM8x14 or SGM8x14 bolts for mounting
- option E90 for widths of 100 – 400 mm (see Section 19 for details)

90° Vertical Bend - External LPDZP...H45N mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDZP100H45N	449010	100	1.55	1	LPDZC100H45N
LPDZP200H45N	449020	200	1.91	1	LPDZC200H45N
LPDZP300H45N	449030	300	2.31	1	LPDZC300H45N
LPDZP400H45N	449040	400	2.67	1	LPDZC400H45N
LPDZP500H45N	449050	500	3.07	1	LPDZC500H45N
LPDZP600H45N	449060	600	3.47	1	LPDZC600H45N



90° Vertical Bend - External LPDZC...H45N mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDZC100H45N	449110	100	1.94	1	LPDZP100H45N
LPDZC200H45N	449120	200	2.30	1	LPDZP200H45N
LPDZC300H45N	449130	300	2.70	1	LPDZP300H45N
LPDZC400H45N	449140	400	3.06	1	LPDZP400H45N
LPDZC500H45N	449150	500	3.46	1	LPDZP500H45N
LPDZC600H45N	449160	600	3.86	1	LPDZP600H45N

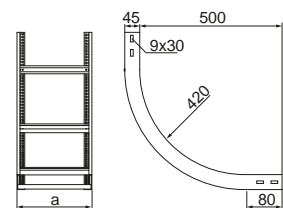


Use:

Changing the direction of the cable route.

90° Vertical Bend - Internal LPDWP...H45N mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDWP100H45N	449210	100	1.55	1	LPDWC100H45N
LPDWP200H45N	449220	200	1.91	1	LPDWC200H45N
LPDWP300H45N	449230	300	2.31	1	LPDWC300H45N
LPDWP400H45N	449240	400	2.67	1	LPDWC400H45N
LPDWP500H45N	449250	500	3.07	1	LPDWC500H45N
LPDWP600H45N	449260	600	3.47	1	LPDWC600H45N



90° Vertical Bend - Internal LPDWC...H45N mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDWC100H45N	449310	100	1.94	1	LPDWP100H45N
LPDWC200H45N	449320	200	2.30	1	LPDWP200H45N
LPDWC300H45N	449330	300	2.70	1	LPDWP300H45N
LPDWC400H45N	449340	400	3.06	1	LPDWP400H45N
LPDWC500H45N	449350	500	3.46	1	LPDWP500H45N
LPDWC600H45N	449360	600	3.86	1	LPDWP600H45N



Use:

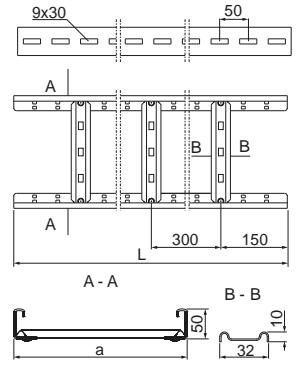
Changing the direction of the cable route.

Additional information:

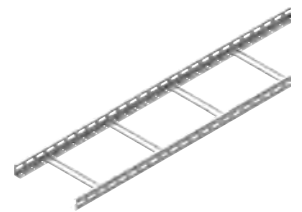
- use 4 LDCH... connectors and 16 sets of SGKM8x14 or SGM8x14 bolts for mounting
- option E90 for widths of 100 – 400 mm (see Section 19 for details)



Cable Ladder		DKD...H50N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.2 mm					
DKD100H50/3N	455110	100/3000	1.81	12	DUD100H50/3N DKP100H50/3N
DKD200H50/3N	455120	200/3000	2.04	12	DUD200H50/3N DKP200H50/3N
DKD300H50/3N	455130	300/3000	2.27	12	DUD300H50/3N DKP300H50/3N
DKD400H50/3N	455140	400/3000	2.50	6	DUD400H50/3N DKP400H50/3N
DKD500H50/3N	455150	500/3000	2.72	6	DUD500H50/3N DKP500H50/3N
DKD600H50/3N	455160	600/3000	2.95	6	DUD600H50/3N DKP600H50/3N



Cable Ladder		DKP...H50N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.5 mm					
DKP100H50/3N	455410	100/3000	2.18	12	DUP100H50/3N DKC100H50/3N
DKP200H50/3N	455420	200/3000	2.45	12	DUP200H50/3N DKC200H50/3N
DKP300H50/3N	455430	300/3000	2.73	12	DUP300H50/3N DKC300H50/3N
DKP400H50/3N	455440	400/3000	3.14	6	DUP400H50/3N DKC400H50/3N
DKP500H50/3N	455450	500/3000	3.27	6	DUP500H50/3N DKC500H50/3N
DKP600H50/3N	455460	600/3000	3.55	6	DUP600H50/3N DKC600H50/3N



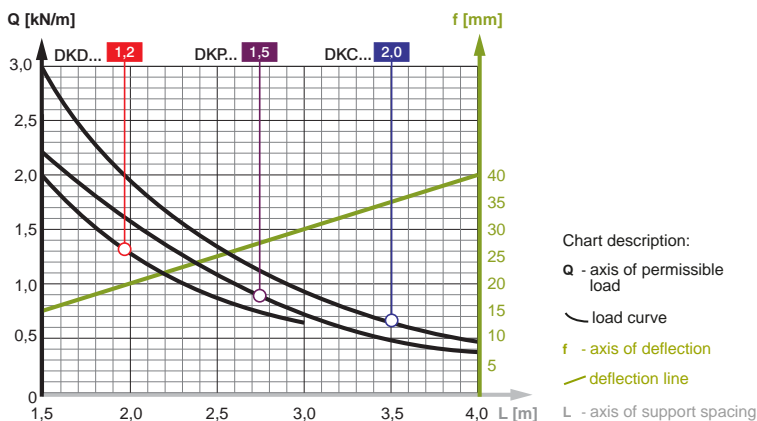
Cable Ladder		DKC...H50N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 2.0 mm					
DKC100H50/3N	455710	100/3000	2.90	12	DUC100H50/3N
DKC200H50/3N	455720	200/3000	3.26	12	DUC200H50/3N
DKC300H50/3N	455730	300/3000	3.64	12	DUC300H50/3N
DKC400H50/3N	455740	400/3000	4.18	6	DUC400H50/3N
DKC500H50/3N	455750	500/3000	4.36	6	DUC500H50/3N
DKC600H50/3N	455760	600/3000	4.73	6	DUC600H50/3N

Use:

Routing a cable route.

Additional information:

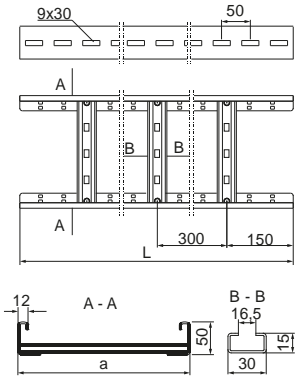
- ladder with rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm



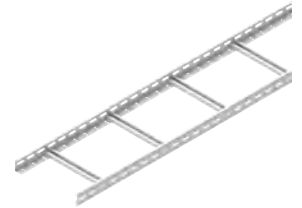
Cable ladders H50



Cable Ladder		DUD...H50N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.2 mm					
DUD100H50/3N	456010	100/3000	1.81	12	DKD100H50/3N DUP100H50/3N
DUD200H50/3N	456020	200/3000	2.04	12	DKD200H50/3N DUP200H50/3N
DUD300H50/3N	456030	300/3000	2.27	12	DKD300H50/3N DUP300H50/3N
DUD400H50/3N	456040	400/3000	2.61	6	DKD400H50/3N DUP400H50/3N
DUD500H50/3N	456050	500/3000	2.72	6	DKD500H50/3N DUP500H50/3N
DUD600H50/3N	456060	600/3000	2.95	6	DKD600H50/3N DUP600H50/3N



Cable Ladder		DUP...H50N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.5 mm					
DUP100H50/3N	456310	100/3000	2.18	12	DKP100H50/3N DUC100H50/3N
DUP200H50/3N	456320	200/3000	2.45	12	DKP200H50/3N DUC200H50/3N
DUP300H50/3N	456330	300/3000	2.73	12	DKP300H50/3N DUC300H50/3N
DUP400H50/3N	456340	400/3000	3.14	6	DKP400H50/3N DUC400H50/3N
DUP500H50/3N	456350	500/3000	3.27	6	DKP500H50/3N DUC500H50/3N
DUP600H50/3N	456360	600/3000	3.55	6	DKP600H50/3N DUC600H50/3N



Cable Ladder		DUC...H50N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 2.0 mm					
DUC100H50/3N	456610	100/3000	2.90	12	DKC100H50/3N DUC100H60/3N
DUC200H50/3N	456620	200/3000	3.26	12	DKC200H50/3N DUC200H60/3N
DUC300H50/3N	456630	300/3000	3.64	12	DKC300H50/3N DUC300H60/3N
DUC400H50/3N	456640	400/3000	4.00	6	DKC400H50/3N DUC400H60/3N
DUC500H50/3N	456650	500/3000	4.36	6	DKC500H50/3N DUC500H60/3N
DUC600H50/3N	456660	600/3000	4.73	6	DKC600H50/3N DUC600H60/3N

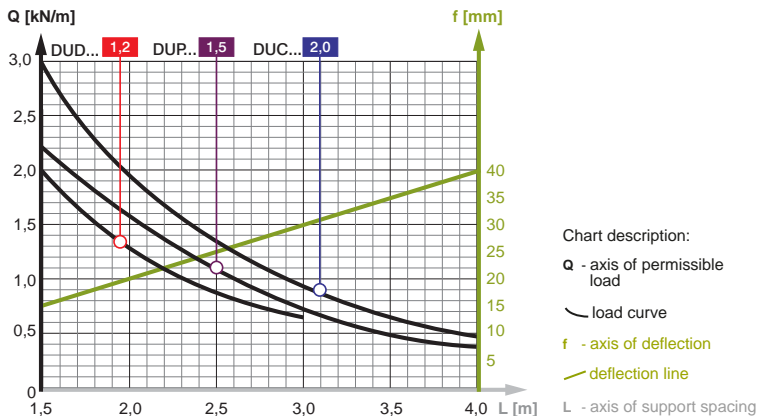


Use:

Routing a cable route.

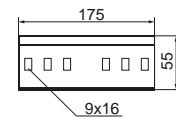
Additional information:

- ladder with rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm
- in the case of mounting ladders horizontally – rungs to the wall, it is recommended to use ladders with rungs double riveted to the board





Connector	LDCH50N	mat.: S	option: F, E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]

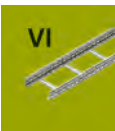
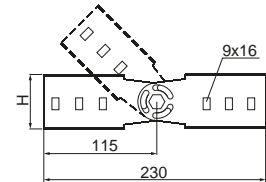


Material thickness = 2.0 mm			
LDCH50N	451001	0.26	10

Use:
Connecting cable routes

Additional information:
– use 4 LDCH... connectors and 16 sets of SGKM8x14 or SGM8x14 bolts for mounting

Articulated connector	LG...H50N	mat.: S	option: F, E, L		
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute



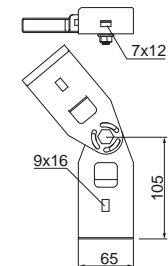
Material thickness = 2.0 mm					
LGCH50N	451301	55	0.14	10	LGTH50N

Material thickness = 3.0 mm					
LGTH50N	451302	57	0.20	10	LGCH50N

Use:
Connecting cable ladders routed at different angles. Full range angle adjustment with locking mechanism.

Additional information:
– use 4 sets of SGKM8x14 or SGM8x14 bolts for mounting

Articulated Connector - Attachable	LDD...H50	mat.: S	option: F, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	substitute



Material thickness = 1.5 mm				
LDDPH50	451199	0.20	10	LDDCH50N

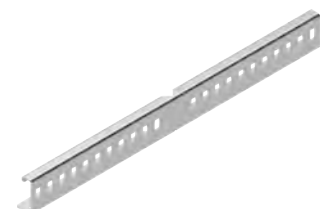
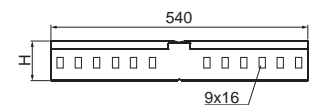
Material thickness = 2.0 mm				
LDDCH50N	451201	0.27	10	LDDTH50N

Material thickness = 3.0 mm				
LDDTH50N	451202	0.43	10	LDDCH50N

Use:
Connecting elements of a cable route routed at different angles. Angle adjustment from 0-90°. Ability to form a two-level route.

Additional information:
– use 2 sets of SGKM8x14 or SGM8x14 bolts for mounting when bolting to the side of the ladder board

Angle Connector	LKD...H50	mat.: S	option: F, E, L		
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute



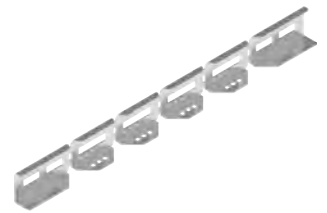
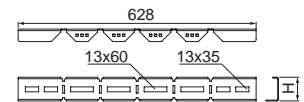
Material thickness = 1.5 mm					
LKDPH50	451099	54	0.40	20	LKDCH50N

Material thickness = 2.0 mm					
LKDCH50N	451101	55	0.53	20	LKDPH50

Use:
Connecting cable ladders routed at different angles

Additional information:
– use 4 sets of SGKM8x14 or SGM8x14 bolts for mounting
– the new dense perforation used in the connector guarantees the bolt connection of two ladders cut at any point both at an angle and straight without additional drilling

Universal connector		LLUS...H50		mat.: S	option: F, E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	

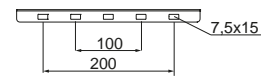
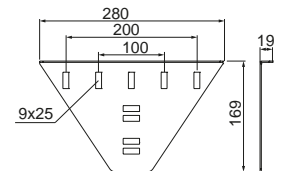


Material thickness = 1.5 mm					
LLUSPH50	434999	0.57	10	LLUSH50	
Material thickness = 2.0 mm					
LLUSH50	435000	0.76	10		

Use:
Forming reducers and bends.

- Additional information:**
- use SGKM8x16 bolts and PW8 washers for mounting
 - to reinforce the formed fitting, it is recommended to use the SCP rung...

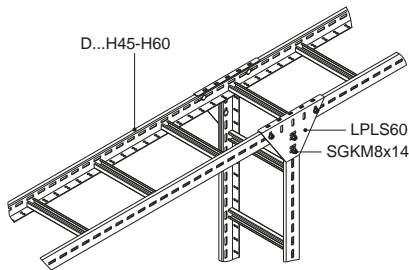
Vertical Connector		LPLS60		mat.: S	option: F, E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	



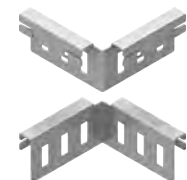
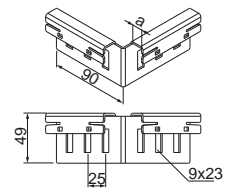
Material thickness = 2.0 mm					
LPLS60	405806	0.49	2		

Use:
Connection at any point in the horizontal line of the cable route vertical exit.

- Additional information:**
- LPLS60 connector fits DK...and DU... ladders with heights of 45 – 60 mm.
 - mounting with bolts SGM8x14 or SGKM8x14



Angle coupler - bendable		LKU...H50		mat.: S	option: F, E, L
code	catalogue number	dimension a/H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute



Material thickness = 1.5 mm					
LKUPH50	405712	13/49	0.14	10	
Material thickness = 2.0 mm					
LKUCH50	405713	13/49	0.19	10	

Use:
Quick and easy connection of a new cable route to an existing one at any point.

- Additional information:**
- for mounting, we offer 4 sets of SGKM8x14 or SGM8x14 bolts
 - stable and fast mounting anywhere on the ladder without drilling holes

Attachable Connector		LDDK...1		mat.: S	option: F, E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	



Material thickness = 1.5 mm					
LDDKP1	405000	1.10	2	LDDKC1	
Material thickness = 2.0 mm					
LDDKC1	405200	1.50	2	LDDKP1	

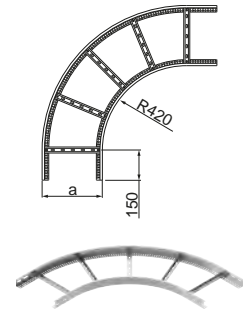
Use:
Branching anywhere in an already existing cable route.

- Additional information:**
- for mounting, we offer 4 sets of SGKM6x12 or SGM6x12 bolts



90° Horizontal Bend **LDP...H50N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LDP100H50N	456810	100	2.67	2	LDC100H50N
LDP200H50N	456820	200	3.22	2	LDC200H50N
LDP300H50N	456830	300	3.76	2	LDC300H50N
LDP400H50N	456840	400	4.31	2	LDC400H50N
LDP500H50N	456850	500	4.86	2	LDC500H50N
LDP600H50N	456860	600	5.41	2	LDC600H50N



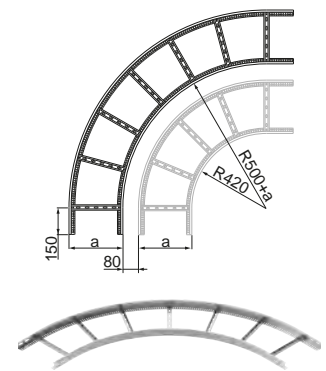
90° Horizontal Bend **LDC...H50N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LDC100H50N	456910	100	3.56	2	LDP100H50N
LDC200H50N	456920	200	4.29	2	LDP200H50N
LDC300H50N	456930	300	5.02	2	LDP300H50N
LDC400H50N	456940	400	5.75	2	LDP400H50N
LDC500H50N	456950	500	6.49	2	LDP500H50N
LDC600H50N	456960	600	7.22	2	LDP600H50N



90° Vertical Bend - External **LDZP...H50N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LDZP100H50N	457010	100	3.07	2	LDZC100H50N
LDZP200H50N	457020	200	4.10	2	LDZC200H50N
LDZP300H50N	457030	300	5.15	2	LDZC300H50N
LDZP400H50N	457040	400	6.19	2	LDZC400H50N
LDZP500H50N	457050	500	7.16	2	LDZC500H50N
LDZP600H50N	457060	600	8.34	2	LDZC600H50N



90° Horizontal Bend - External **LDZC...H50N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LDZC100H50N	457110	100	4.09	2	LDZP100H50N
LDZC200H50N	457120	200	5.46	2	LDZP200H50N
LDZC300H50N	457130	300	6.86	2	LDZP300H50N
LDZC400H50N	457140	400	8.25	2	LDZP400H50N
LDZC500H50N	457150	500	9.54	2	LDZP500H50N
LDZC600H50N	457160	600	11.50	2	LDZP600H50N

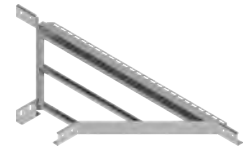
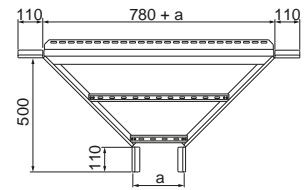
Use:

Changing the direction of the cable route.

Additional information:

- use 4 LDCH... connectors and 16 sets of SGK8x14 or SGM8x14 bolts for mounting

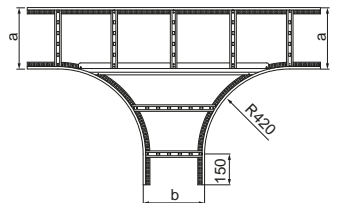
Add-on Tee		TDDP...H50	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 1.5 mm					
TDDP100H50	455012	100	3.31	1	
TDDP200H50	455022	200	3.57	1	
TDDP300H50	455032	300	3.83	1	
TDDP400H50	455042	400	4.09	1	
TDDP500H50	455052	500	4.35	1	
TDDP600H50	455062	600	4.58	1	



Additional information:

- to connect the fitting to the cable ladder, use 8 sets of SGKM8x14 bolts
- quick and stable mounting
- mounting at any point on an existing cable route
- possibility to screw the rungs from the cable ladder to the lower part of the extension tee

Horizontal Tee		TDP...H50N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
TDP100H50N	457210	100	4.42	2	TDC100H50N
TDP200H50N	457220	200	5.09	2	TDC200H50N
TDP300H50N	457230	300	5.82	2	TDC300H50N
TDP400H50N	457240	400	6.54	2	TDC400H50N
TDP500H50N	457250	500	7.27	2	TDC500H50N
TDP600H50N	457260	600	8.00	2	TDC600H50N



Horizontal Tee		TDC...H50N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
TDC100H50N	457310	100	5.89	2	TDP100H50N
TDC200H50N	457320	200	6.78	2	TDP200H50N
TDC300H50N	457330	300	7.76	2	TDP300H50N
TDC400H50N	457340	400	8.72	2	TDP400H50N
TDC500H50N	457350	500	9.70	2	TDP500H50N
TDC600H50N	457360	600	10.66	2	TDP600H50N



Use:

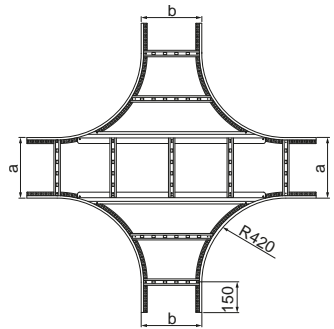
Cable route branching.

Additional information:

- use 6 LDCH... connectors and 24 sets of SGKM8x14 or SGM8x14 bolts for mounting
- for non-standard orders specify dimension a and b (if a=400, b=600 the ordered fitting should have the designation TD...400/600/400H...)



Horizontal Cross-over		CZDP...H50N	mat.: S	option: F, E, L		
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
CZDP100H50N	457410	100	5.96	2	CZDC100H50N	
CZDP200H50N	457420	200	6.67	2	CZDC200H50N	
CZDP300H50N	457430	300	7.52	2	CZDC300H50N	
CZDP400H50N	457440	400	8.38	2	CZDC400H50N	
CZDP500H50N	457450	500	9.24	2	CZDC500H50N	
CZDP600H50N	457460	600	10.10	2	CZDC600H50N	



Horizontal Cross-over		CZDC...H50N	mat.: S	option: F, E, L		
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
CZDC100H50N	457510	100	7.94	2	CZDP100H50N	
CZDC200H50N	457520	200	8.89	2	CZDP200H50N	
CZDC300H50N	457530	300	10.02	2	CZDP300H50N	
CZDC400H50N	457540	400	11.17	2	CZDP400H50N	
CZDC500H50N	457550	500	12.32	2	CZDP500H50N	
CZDC600H50N	457560	600	13.46	2	CZDP600H50N	



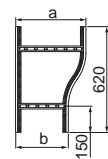
Use:

Cable route branching.

Additional information:

- use 8 LDCH... connectors and 32 sets of SGKM8x14 or SGM8x14 bolts for mounting
- for non-standard orders specify dimension a and b (if a=200 and b=400 the ordered fitting should have the designation CZD...200/400/200/400H...)

Right Reducer		RDPP...H50N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
RDPP200/100H50N	458620	200/100	1.47	2	RDPC200/100H50N	
RDPP300/200H50N	458630	300/200	1.63	2	RDPC300/200H50N	
RDPP400/300H50N	458240	400/300	1.81	2	RDPC400/300H50N	
RDPP500/400H50N	458250	500/400	1.99	2	RDPC500/400H50N	
RDPP600/500H50N	458260	600/500	2.15	2	RDPC600/500H50N	



Right Reducer		RDPC...H50N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
RDPC200/100H50N	458820	200/100	1.96	2	RDPP200/100H50N	
RDPC300/200H50N	458830	300/200	2.17	2	RDPP300/200H50N	
RDPC400/300H50N	458340	400/300	2.41	2	RDPP400/300H50N	
RDPC500/400H50N	458350	500/400	2.65	2	RDPP500/400H50N	
RDPC600/500H50N	458360	600/500	2.87	2	RDPP600/500H50N	

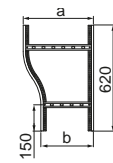
Use:

Changing the width of the cable route.

Additional information:

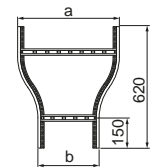
- use 4 LDCH... connectors and 16 sets of SGKM8x14 or SGM8x14 bolts for mounting
- for non-standard orders specify dimension a and b

Left Reducer		RDLP...H50N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
RDLP200/100H50N	458220	200/100	1.47	2	RDLC200/100H50N	
RDLP300/200H50N	458230	300/200	1.63	2	RDLC300/200H50N	
RDLP400/300H50N	458040	400/300	1.81	2	RDLC400/300H50N	
RDLP500/400H50N	458050	500/400	1.99	2	RDLC500/400H50N	
RDLP600/500H50N	458060	600/500	2.15	2	RDLC600/500H50N	



Left Reducer		RDLC...H50N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
RDLC200/100H50N	458420	200/100	1.96	2	RDLP200/100H50N	
RDLC300/200H50N	458430	300/200	2.17	2	RDLP300/200H50N	
RDLC400/300H50N	458140	400/300	2.41	2	RDLP400/300H50N	
RDLC500/400H50N	458150	500/400	2.65	2	RDLP500/400H50N	
RDLC600/500H50N	458160	600/500	2.87	2	RDLP600/500H50N	

Straight Reducer		RDSP...H50N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
RDSP200/100H50N	457820	200/100	1.47	2	RDSC200/100H50N	
RDSP300/200H50N	457830	300/200	1.63	2	RDSC300/200H50N	
RDSP400/300H50N	457840	400/300	1.81	2	RDSC400/300H50N	
RDSP500/400H50N	457850	500/400	1.99	2	RDSC500/400H50N	
RDSP600/500H50N	457860	600/500	2.15	2	RDSC600/500H50N	



Straight Reducer		RDSC...H50N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
RDSC200/100H50N	458020	200/100	1.96	2	RDSP200/100H50N	
RDSC300/200H50N	458030	300/200	2.17	2	RDSP300/200H50N	
RDSC400/300H50N	457940	400/300	2.41	2	RDSP400/300H50N	
RDSC500/400H50N	457950	500/400	2.65	2	RDSP500/400H50N	
RDSC600/500H50N	457960	600/500	2.87	2	RDSP600/500H50N	

Use:

Changing the width of the cable route.

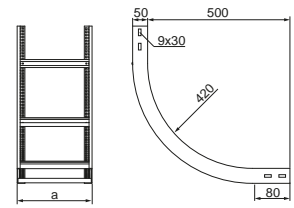
Additional information:

- use 4 LDCH... connectors and 16 sets of SGKM8x14 or SGM8x14 bolts for mounting
- for non-standard orders specify dimension a and b



90° Vertical Bend - Internal **LPDWP...H50N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDWP100H50N	459210	100	1.67	1	LPDWC100H50N
LPDWP200H50N	459220	200	2.03	1	LPDWC200H50N
LPDWP300H50N	459230	300	2.43	1	LPDWC300H50N
LPDWP400H50N	459240	400	2.79	1	LPDWC400H50N
LPDWP500H50N	459250	500	3.19	1	LPDWC500H50N
LPDWP600H50N	459260	600	3.59	1	LPDWC600H50N



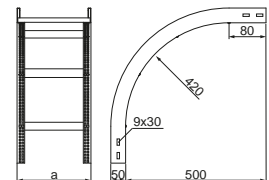
90° Vertical Bend - Internal **LPDWC...H50N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDWC100H50N	459310	100	2.10	1	LPDWP100H50N
LPDWC200H50N	459320	200	2.46	1	LPDWP200H50N
LPDWC300H50N	459330	300	2.86	1	LPDWP300H50N
LPDWC400H50N	459340	400	3.22	1	LPDWP400H50N
LPDWC500H50N	459350	500	3.62	1	LPDWP500H50N
LPDWC600H50N	459360	600	4.02	1	LPDWP600H50N



90° Vertical Bend - External **LPDZP...H50N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDZP100H50N	459010	100	1.67	1	LPDZC100H50N
LPDZP200H50N	459020	200	2.03	1	LPDZC200H50N
LPDZP300H50N	459030	300	2.43	1	LPDZC300H50N
LPDZP400H50N	459040	400	2.79	1	LPDZC400H50N
LPDZP500H50N	459050	500	3.19	1	LPDZC500H50N
LPDZP600H50N	459060	600	3.59	1	LPDZC600H50N



90° Vertical Bend - External **LPDZC...H50N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDZC100H50N	459110	100	2.10	1	LPDZP100H50N
LPDZC200H50N	459120	200	2.46	1	LPDZP200H50N
LPDZC300H50N	459130	300	2.86	1	LPDZP300H50N
LPDZC400H50N	459140	400	3.22	1	LPDZP400H50N
LPDZC500H50N	459150	500	3.62	1	LPDZP500H50N
LPDZC600H50N	459160	600	4.02	1	LPDZP600H50N

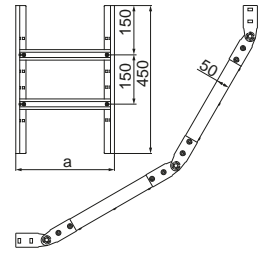
Use:

Changing the direction of the cable route.

Additional information:

- use 4 LDCH... connectors and 16 sets of SGK8x14 or SGM8x14 bolts for mounting

Adjustable Vertical Bend		LPDP...H50N	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDP100H50N	457610	100	3.68	2	LPDC100H50N
LPDP200H50N	457620	200	4.21	2	LPDC200H50N
LPDP300H50N	457630	300	4.60	2	LPDC300H50N
LPDP400H50N	457640	400	4.98	2	LPDC400H50N
LPDP500H50N	457650	500	5.36	2	LPDC500H50N
LPDP600H50N	457660	600	5.75	2	LPDC600H50N



Adjustable Vertical Bend		LPDC...H50N	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDC100H50N	457710	100	4.84	2	LPDP100H50N
LPDC200H50N	457720	200	5.34	2	LPDP200H50N
LPDC300H50N	457730	300	5.88	2	LPDP300H50N
LPDC400H50N	457740	400	6.36	2	LPDP400H50N
LPDC500H50N	457750	500	6.88	2	LPDP500H50N
LPDC600H50N	457760	600	7.40	2	LPDP600H50N

Use:

Changing the direction of the cable route.

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting



Cable Ladder Click

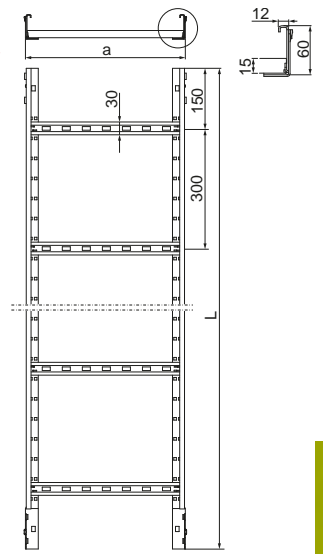
DFP...H60

mat.: S

code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
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Material thickness = 1.5 mm

DFP100H60/3	466111	100/3000	2.42	6	DUP/DUOP100H60/3
DFP200H60/3	466121	200/3000	2.69	6	DUP/DUOP200H60/3
DFP300H60/3	466131	300/3000	2.97	6	DUP/DUOP300H60/3
DFP400H60/3	466141	400/3000	3.24	6	DUP/DUOP400H60/3
DFP500H60/3	466151	500/3000	3.51	6	DUP500H60/3
DFP600H60/3	466161	600/3000	3.79	6	DUP600H60/3

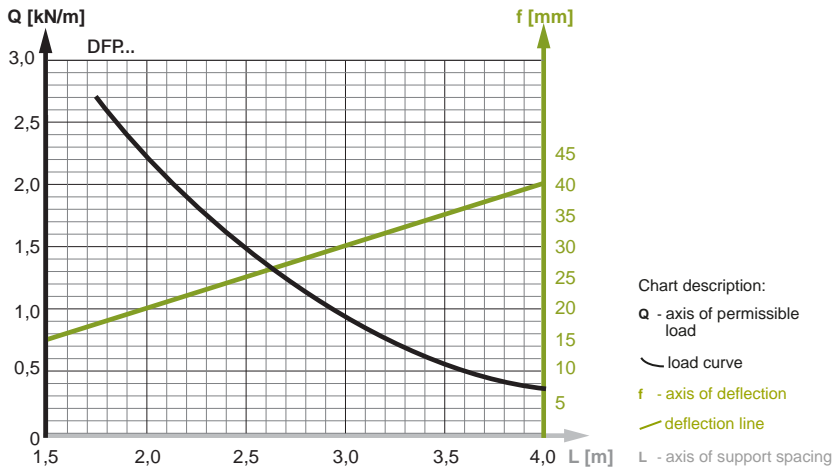


Use:

Routing a cable route.

Additional information:

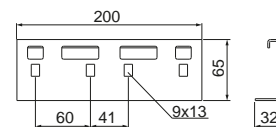
- quick and easy mounting
- connector-less system
- stable snap-in connection
- ladder with rungs suitable for mounting UK/UKO... and UKP... cable clamps



Cable ladders H60

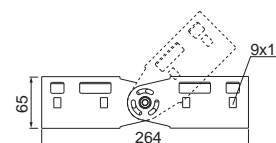


Connector		LDFCH60	mat.: S	
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm				
LDFCH60	460006	65	0.26	10



Use:
Connecting CLICK ladders with: cut CLICK ladders, regular ladders and fittings

Articulated connector		LGFCH60	mat.: S	option: F, E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 2.0 mm				
LGFCH60	460007	0.20	10	

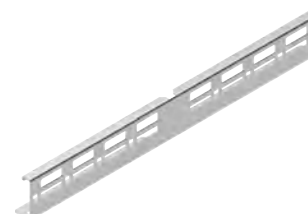
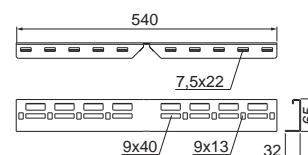


Use:
Connecting cable ladders routed at different angles. Full range angle adjustment with locking mechanism.

Additional information:

- use 4 sets of SGK8x14 or SGM8x14 bolts for mounting

Cable Ladder Angle Connector		LKDFCH60	mat.: S	option: F, E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 2.0 mm				
LKDFCH60	460008	0.58	20	



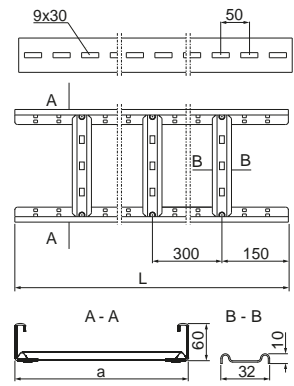
Use:
Connecting cable ladders routed at different angles

Additional information:

- use 4 sets of SGK8x14 or SGM8x14 bolts for mounting
- the new dense perforation used in the connector guarantees the bolt connection of two ladders cut at any point both at an angle and straight without additional drilling



Cable Ladder		DKD...H60N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.2 mm					
DKD100H60/3N	465110	100/3000	2.01	12	DUD100H60/3N DKP100H60/3N
DKD100H60/6N	465210	100/6000	2.01	12	DUD100H60/6N DKP100H60/6N
DKD200H60/3N	465120	200/3000	2.24	12	DUD200H60/3N DKP200H60/3N
DKD200H60/6N	465220	200/6000	2.24	12	DUD200H60/6N DKP200H60/6N
DKD300H60/3N	465130	300/3000	2.47	6	DUD300H60/3N DKP300H60/3N
DKD300H60/6N	465230	300/6000	2.47	12	DUD300H60/6N DKP300H60/6N
DKD400H60/3N	465140	400/3000	2.70	6	DUD400H60/3N DKP400H60/3N
DKD400H60/6N	465240	400/6000	2.70	12	DUD400H60/6N DKP400H60/6N
DKD500H60/3N	465150	500/3000	2.92	6	DUD500H60/3N DKP500H60/3N
DKD500H60/6N	465250	500/6000	2.92	12	DUD500H60/6N DKP500H60/6N
DKD600H60/3N	465160	600/3000	3.15	6	DUD600H60/3N DKP600H60/3N
DKD600H60/6N	465260	600/6000	3.15	12	DUD600H60/6N DKP600H60/6N



Cable Ladder		DKP...H60N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.5 mm					
DKP100H60/3N	465410	100/3000	2.42	12	DUP/DUOP100H60/3 DKC100H60/3N
DKP100H60/6N	465510	100/6000	2.42	12	DUP/DUOP100H60/6 DKC100H100/6N
DKP200H60/3N	465420	200/3000	2.69	12	DUP/DUOP200H60/3 DKC200H60/3N
DKP200H60/6N	465520	200/6000	2.69	12	DUP/DUOP200H60/6 DKC200H60/6N
DKP300H60/3N	465430	300/3000	2.97	6	DUP/DUOP300H60/3 DKC300H60/3N
DKP300H60/6N	465530	300/6000	2.97	12	DUP/DUOP300H60/6 DKC300H60/6N
DKP400H60/3N	465440	400/3000	3.24	6	DUP/DUOP400H60/3 DKC400H60/3N
DKP400H60/6N	465540	400/6000	3.24	12	DUP/DUOP400H60/6 DKC400H60/6N
DKP500H60/3N	465450	500/3000	3.51	6	DUP500H60/3 DKC500H60/3N
DKP500H60/6N	465550	500/6000	3.51	12	DUP500H60/6 DKC500H60/6N
DKP600H60/3N	465460	600/3000	3.79	6	DUP600H60/3 DKC600H60/3N
DKP600H60/6N	465560	600/6000	3.79	12	DUP600H60/6 DKC600H60/6N

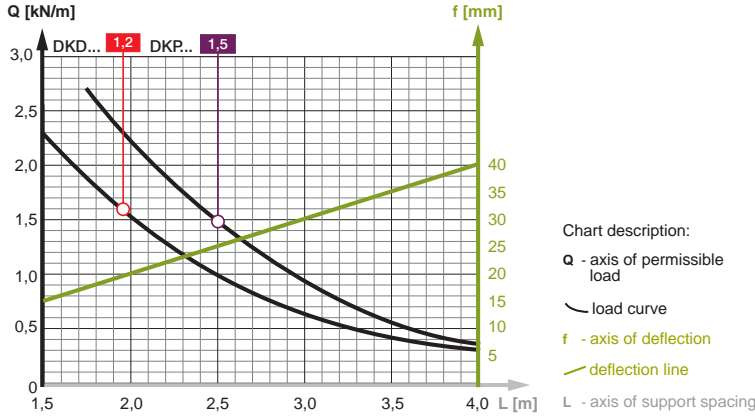


Use:

Routing a cable route.

Additional information:

- ladder with rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm



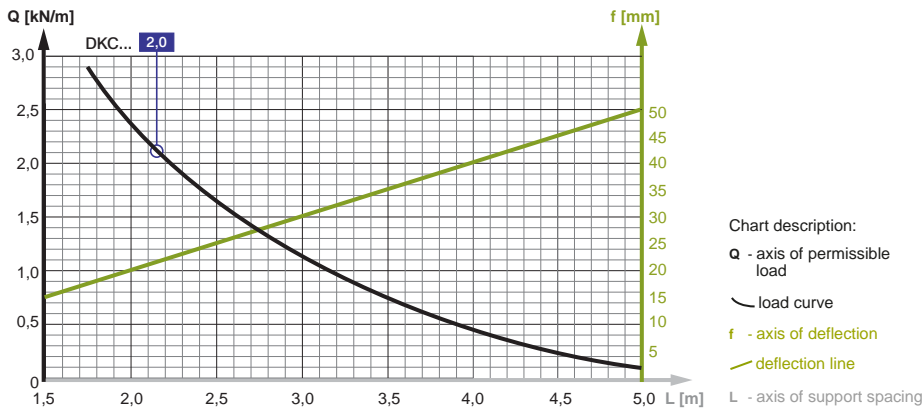
Cable Ladder	DKC...H60N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 2.0 mm					
DKC100H60/3N	465710	100/3000	3.22	12	DUC100H60/3N DKC100H80/3N
DKC100H60/6N	465810	100/6000	3.22	12	DUC100H60/6N DKC100H80/6N
DKC200H60/3N	465720	200/3000	3.57	12	DUC200H60/3N DKC200H80/3N
DKC200H60/6N	465820	200/6000	3.57	12	DUC200H60/6N DKC200H80/6N
DKC300H60/3N	465730	300/3000	3.96	6	DUC300H60/3N DKC300H80/3N
DKC300H60/6N	465830	300/6000	3.96	12	DUC300H60/6N DKC300H80/6N
DKC400H60/3N	465740	400/3000	4.31	6	DUC400H60/3N DKC400H80/3N
DKC400H60/6N	465840	400/6000	4.31	12	DUC400H60/6N DKC400H80/6N
DKC500H60/3N	465750	500/3000	4.68	6	DUC500H60/3N DKC500H80/3N
DKC500H60/6N	465850	500/6000	4.68	12	DUC500H60/6N DKC500H80/6N
DKC600H60/3N	465760	600/3000	5.05	6	DUC600H60/3N DKC600H80/3N
DKC600H60/6N	465860	600/6000	5.05	12	DUC600H60/6N DKC600H80/6N

Use:

Routing a cable route.

Additional information:

- ladder with rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm

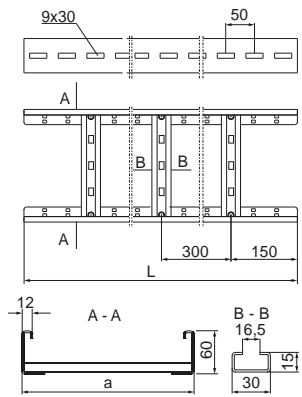




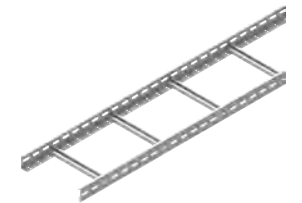
Cable Ladder		DUJ...H60	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.0 mm					
DUJ100H60/3	476010	100/3000	1.50	12	DUD100H60/3N
DUJ200H60/3	476020	200/3000	1.70	12	DUD200H60/3N
DUJ300H60/3	476030	300/3000	1.90	6	DUD300H60/3N
DUJ400H60/3	476040	400/3000	2.10	6	DUD400H60/3N
DUJ500H60/3	476050	500/3000	2.30	6	DUD500H60/3N
DUJ600H60/3	476060	600/3000	2.50	6	DUD600H60/3N

Additional information:

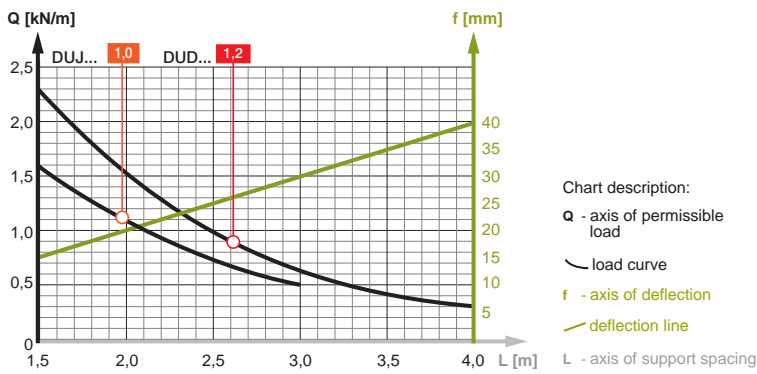
- ladder with rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E90 for widths of 100 – 400 mm (see Section 19 for details)
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm



Cable Ladder		DUD...H60N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.2 mm					
DUD100H60/3N	466010	100/3000	2.01	12	DKD100H60/3N DUP/DUOP100H60/3
DUD100H60/6N	466110	100/6000	2.01	12	DKD100H60/6N DUP/DUOP100H60/6
DUD200H60/3N	466020	200/3000	2.24	12	DKD200H60/3N DUP/DUOP200H60/3
DUD200H60/6N	466120	200/6000	2.24	12	DKD200H60/6N DUP/DUOP200H60/6
DUD300H60/3N	466030	300/3000	2.47	6	DKD300H60/3N DUP/DUOP300H60/3
DUD300H60/6N	466130	300/6000	2.47	12	DKD300H60/6N DUP/DUOP300H60/6
DUD400H60/3N	466040	400/3000	2.81	6	DKD400H60/3N DUP/DUOP400H60/3
DUD400H60/6N	466140	400/6000	2.81	12	DKD400H60/6N DUP/DUOP400H60/6
DUD500H60/3N	466050	500/3000	2.92	6	DKD500H60/3N DUP500H60/3
DUD500H60/6N	466150	500/6000	2.92	12	DKD500H60/6N DUP500H60/6
DUD600H60/3N	466060	600/3000	3.15	6	DKD600H60/3N DUP600H60/3
DUD600H60/6N	466160	600/6000	3.15	12	DKD600H60/6N DUP600H60/6



Use:
Routing a cable route.



Cable Ladder	DUP...H60	mat.: S	option: F, E, L			
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute	
Material thickness = 1.5 mm						
DUP/DUOP100H60/3	466310	100/3000	2.42	12	DKP100H60/3N DUC100H60/3N	
DUP/DUOP100H60/6	466410	100/6000	2.42	12	DKP100H60/6N DUC100H60/6N	
DUP/DUOP200H60/3	466320	200/3000	2.69	12	DKP200H60/3N DUC200H60/3N	
DUP/DUOP200H60/6	466420	200/6000	2.69	12	DKP200H60/6N DUC200H60/6N	
DUP/DUOP300H60/3	466330	300/3000	2.97	6	DKP300H60/3N DUC300H60/3N	
DUP/DUOP300H60/6	466430	300/6000	2.97	12	DKP300H60/6N DUC300H60/6N	
DUP/DUOP400H60/3	466340	400/3000	3.38	6	DKP400H60/3N DUC400H60/3N	
DUP/DUOP400H60/6	466440	400/6000	3.38	12	DKP400H60/6N DUC400H60/6N	
DUP500H60/3	466350	500/3000	3.51	6	DKP500H60/3N DUC500H60/3N	
DUP500H60/6	466450	500/6000	3.51	12	DKP500H60/6N DUC500H60/6N	
DUP600H60/3	466360	600/3000	3.79	6	DKP600H60/3N DUC600H60/3N	
DUP600H60/6	466460	600/6000	3.79	12	DKP600H60/6N DUC600H60/6N	
DUBP200H60/3	474202	200/3000	2.69	12	DKP200H60/3N DUC200H60/3N	
DUBP300H60/3	474203	300/3000	2.97	6	DKP300H60/3N DUC300H60/3N	
DUBP400H60/3	474204	400/3000	3.38	6	DKP400H60/3N DUC400H60/3N	
DUBP500H60/3	474205	500/3000	3.51	6	DKP500H60/3N DUC500H60/3N	
DUBP600H60/3	474206	600/3000	3.79	6	DKP600H60/3N DUC600H60/3N	

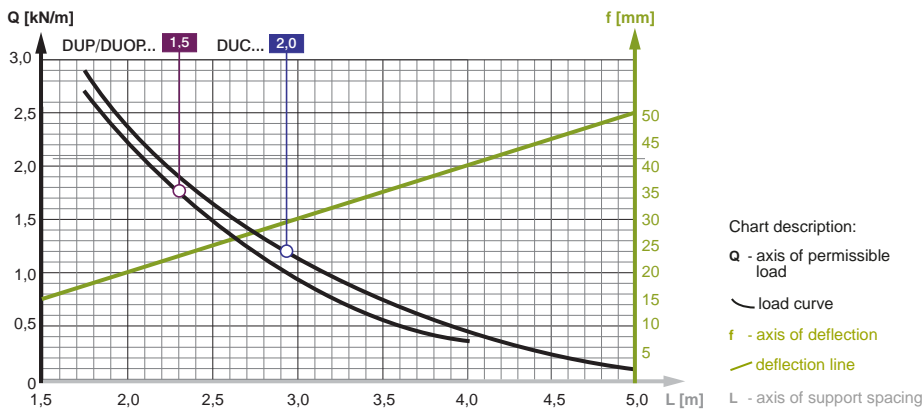
Cable Ladder	DUC...H60N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 2.0 mm					
DUC100H60/3N	466610	100/3000	3.22	12	DKC100H60/3N DUC100H80/3N
DUC100H60/6N	466710	100/6000	3.22	12	DKC100H60/6N DUC100H80/6N
DUC200H60/3N	466620	200/3000	3.58	12	DKC200H60/3N DUC200H80/3N
DUC200H60/6N	466720	200/6000	3.58	12	DKC200H60/6N DUC200H80/6N
DUC300H60/3N	466630	300/3000	3.96	6	DKC300H60/3N DUC300H80/3N
DUC300H60/6N	466730	300/6000	3.96	12	DKC300H60/6N DUC300H80/6N
DUC400H60/3N	466640	400/3000	4.50	6	DKC400H60/3N DUC400H80/3N
DUC400H60/6N	466740	400/6000	4.50	12	DKC400H60/6N DUC400H80/6N
DUC500H60/3N	466650	500/3000	4.67	6	DKC500H60/3N DUC500H80/3N
DUC500H60/6N	466750	500/6000	4.67	12	DKC500H60/6N DUC500H80/6N
DUC600H60/3N	466660	600/3000	5.05	6	DKC600H60/3N DUC600H80/3N
DUC600H60/6N	466760	600/6000	5.05	12	DKC600H60/6N DUC600H80/6N

Use:

Routing a cable route.

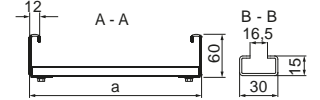
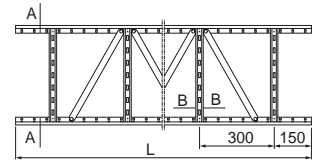
Additional information:

- ladder with rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm
- in the case of mounting ladders horizontally – rungs to the wall, it is recommended to use ladders with rungs double riveted to the board



[English]: Drabinka do montażu bocznoego DUBP...H60 mat.: S option: F, E, L

code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.5 mm					
DUBP200H60/3	474202	200/3000	2.69	12	DKP200H60/3N DUC200H60/3N
DUBP300H60/3	474203	300/3000	2.97	6	DKP300H60/3N DUC300H60/3N
DUBP400H60/3	474204	400/3000	3.38	6	DKP400H60/3N DUC400H60/3N
DUBP500H60/3	474205	500/3000	3.51	6	DKP500H60/3N DUC500H60/3N
DUBP600H60/3	474206	600/3000	3.79	6	DKP600H60/3N DUC600H60/3N

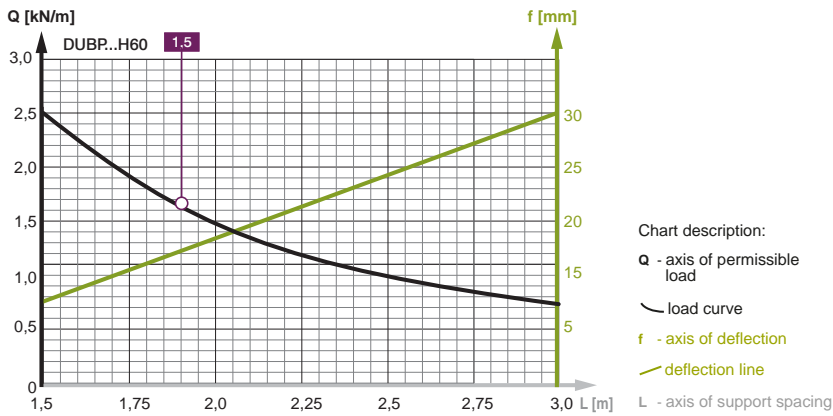


Use:

[English]: Prowadzenie trasy kablowej szczególnie w obiektach o dużym zapyleniu (cementownie, młyny, itp.).

Additional information:

- [English]: drabina montowana dnem do ściany w orientacji poziomej
- ladder with rungs suitable for mounting UK/UKO... and UKP... cable clamps



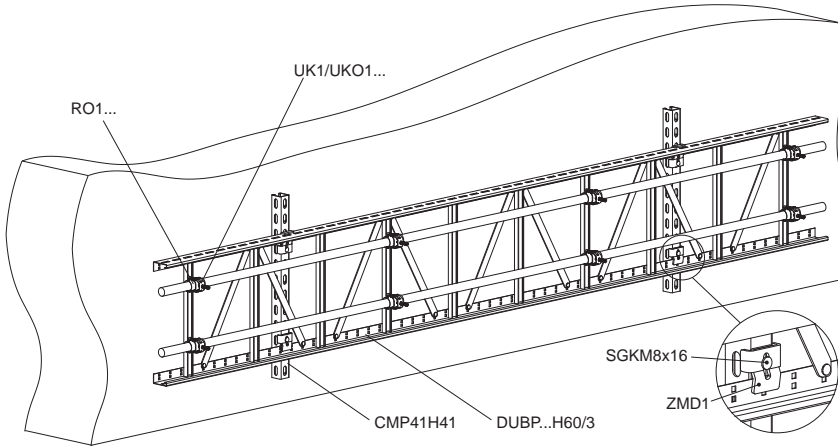
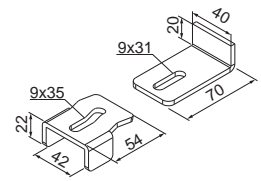


Ladder Mounting Set		ZMD1	mat.: FP	option: E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	substitute

Material thickness = 4.0 mm

ZMD1	405051	0.19	100	ZMD2
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Use:
Mounting ladder to the channel or bracket width 40 and 41 mm.

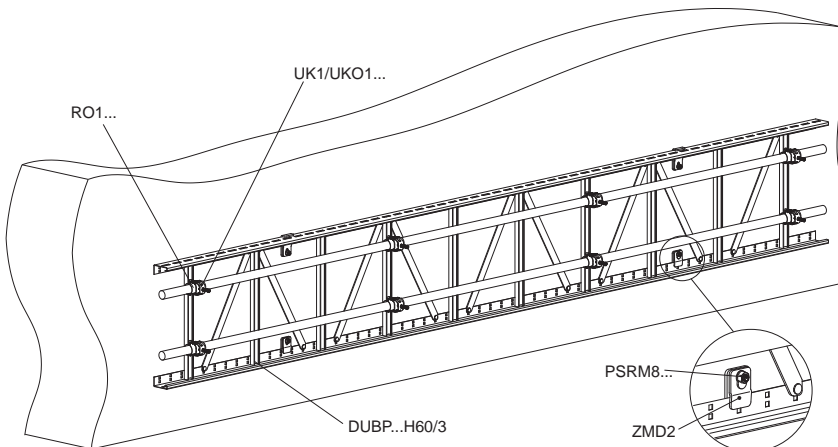
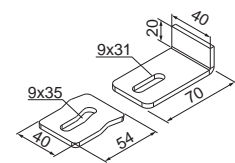


Ladder Mounting Set		ZMD2	mat.: FP	option: E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	

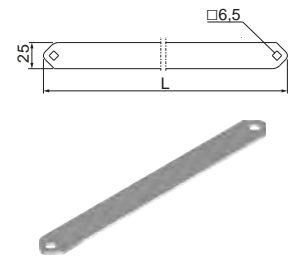
Material thickness = 4.0 mm

ZMD2	405052	0.16	100	
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Use:
Mount ladder directly to the wall or channel.



Flat bar	PLTS...	mat.: S	option: F, E, L		
code	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 3.0 mm					
PLTS100	641710	93	0.06	50	
PLTS200	641720	235	0.16	50	
PLTS300	641730	376	0.22	50	
PLTS400	641740	453	0.26	50	
PLTS500	641750	538	0.31	30	
PLTS600	641760	627	0.36	30	



Use:

Increase the strength of the ladder fixed horizontally with the bottom to the wall.

Additional information:

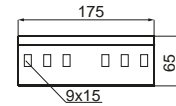
- use SGK6x12 or SGM6x12 bolts for mounting



Connector	LDPH60	mat.: S	option: F, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	

Material thickness = 1.5 mm

LDPH60	441004	0.23	10	
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Connector	LDC/LDOCH60N	mat.: S	option: F, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	

Material thickness = 2.0 mm

LDC/LDOCH60N	461001	0.31	10	
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Use:

Connecting cable routes

Additional information:

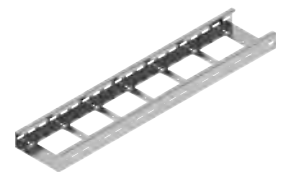
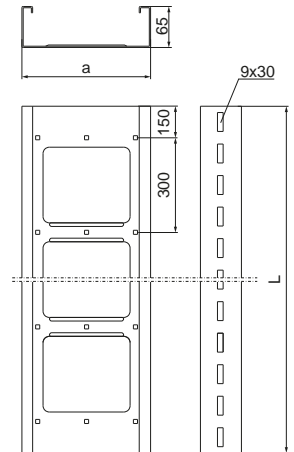
- use 4 sets of SGKM8x14 or SGM8x14 bolts for mounting



Cable Ladder Sliding connector	LDR...H60	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]

Material thickness = 2.0 mm

LDR100H60/1	462611	100/1000	1.93	1
LDR200H60/1	462621	200/1000	3.87	1
LDR300H60/1	462631	300/1000	5.80	1
LDR100H60/2	462612	100/2000	3.86	1
LDR200H60/2	462622	200/2000	7.74	1
LDR300H60/2	462632	300/2000	11.61	1
LDR100H60/3	462613	100/3000	5.79	1
LDR200H60/3	462623	200/3000	11.61	1
LDR300H60/3	462633	300/3000	17.40	1



Use:

The LDR connector makes it easier and faster to install cable ladders. The missing section of the route length can be extended by installing the LDR connector and extending it, thus avoiding the cutting of ladders. After determining the appropriate spacing, we secure the connector with a bolt connection (such as SGKM8x14).

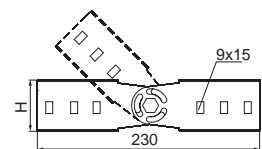
Additional information:

- fast and secure connection
- speeds up the mounting entire cable route
- avoidance of mechanical cutting of the cable route
- infinite length adjustment
- possibility to reinforce the connector by mounting the rung in the bottom with a screws set SGKM6x12

Articulated connector	LGC/LGOCH60N	mat.: S	option: F, E, L	
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]

Material thickness = 2.0 mm

LGC/LGOCH60N	461301	65	0.20	10	LGTH60N
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Articulated connector	LGTH60N	mat.: S	option: F, E, L	
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]

Material thickness = 3.0 mm

LGTH60N	461302	67	0.30	10	LGC/LGOCH60N
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Use:

Connecting cable ladders routed at different angles. Full range angle adjustment with locking mechanism.

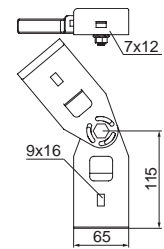
Additional information:

- use 4 sets of SGKM8x14 or SGM8x14 bolts for mounting

Articulated Connector - Attachable

LDD...H60 mat.: S option: F, E, L

code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm				
LDDPH60	461199	0.23	10	LDDCH60N
Material thickness = 2.0 mm				
LDDCH60N	461201	0.31	10	LDDTH60N
Material thickness = 3.0 mm				
LDDTH60N	461202	0.43	10	LDDCH60N



Use:

Connecting elements of a cable route routed at different angles. Angle adjustment from 0-90°. Ability to form a two-level route.

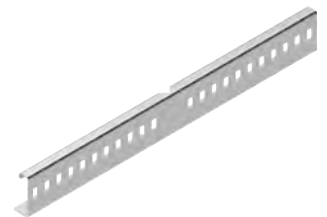
Additional information:

- use 2 sets of SGK8x14 or SGM8x14 bolts for mounting when bolting to the side of the ladder board
- option E90 for a sheet thickness of 2 mm (see Section 19 for details)

Cable Ladder Angle Connector

LKD...H60 mat.: S option: F, E, L

code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LKDPH60	461099	64	0.44	20	LKDC/LKDOCH60N
Material thickness = 2.0 mm					
LKDC/LKDOCH60N	461101	65	0.58	20	LKDPH60



Use:

Connecting cable ladders routed at different angles

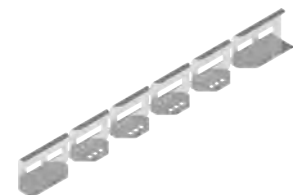
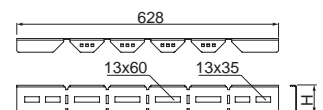
Additional information:

- use 4 sets of SGK8x14 or SGM8x14 bolts for mounting
- the new dense perforation used in the connector guarantees the bolt connection of two ladders cut at any point both at an angle and straight without additional drilling

Universal connector

LLUS...H60 mat.: S option: F, E, L

code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LLUSPH60	435999	64	0.65	10	LLUSH60
Material thickness = 2.0 mm					
LLUSH60	436000	65	0.86	10	LLUSPH60



Use:

Forming reducers and bends.

Additional information:

- use SGK8x16 bolts and PW8 washers for mounting
- to reinforce the formed fitting, it is recommended to use the SCP rung...

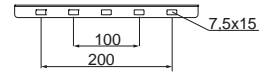
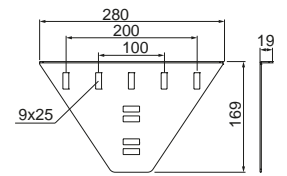


Vertical Connector

LPLS60

mat.: S option: F, E, L

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



Material thickness = 2.0 mm

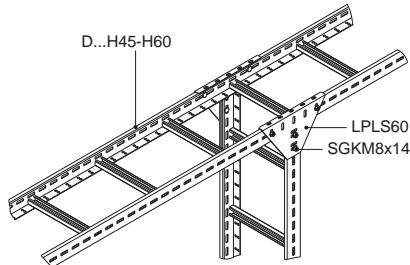
LPLS60	405806	0.49	2
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Use:

Connection at any point in the horizontal line of the cable route vertical exit.

Additional information:

- LPLS60 connector fits DK...and DU... ladders with heights of 45 – 60 mm.
- mounting with bolts SGM8x14 or SGKM8x14

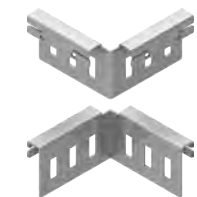
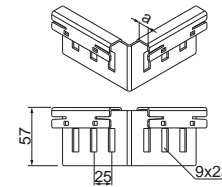


Angle coupler - bendable

LKU...H60

mat.: S option: F, E, L

code catalogue number dimension a/H [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 1.5 mm

LKUPH60	405714	13/57	0.15	10	LKUCH60
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Material thickness = 2.0 mm

LKUCH60	405715	13/57	0.22	10	LKUPH60
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Use:

Quick and easy connection of a new cable route to an existing one at any point.

Additional information:

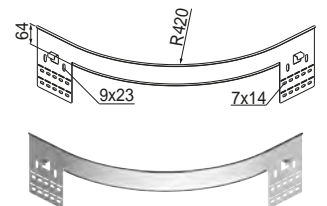
- for mounting, we offer 4 sets of SGM8x14 or SGM8x14 bolts
- stable and fast mounting anywhere on the ladder without drilling holes

Attachable Connector

LDDK...2

mat.: S option: F, E, L

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



Material thickness = 1.5 mm

LDDKP2	405100	1.26	2	LDDKC2
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Material thickness = 2.0 mm

LDDKC2	405300	1.67	2	LDDKP2
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Use:

Branching anywhere in an already existing cable route.

Additional information:

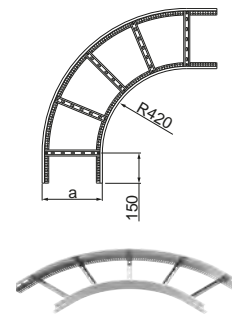
- for mounting, we offer 4 sets of SGM6x12 or SGM6x12 bolts

90° Horizontal Bend

LDP/LDOP...H60

mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

LDP/LDOP100H60	466810	100	2.79	2	LDC100H60N
LDP/LDOP200H60	466820	200	3.35	2	LDC200H60N
LDP/LDOP300H60	466830	300	3.91	2	LDC300H60N
LDP/LDOP400H60	466840	400	4.47	2	LDC400H60N
LDP/LDOP500H60	466850	500	5.03	2	LDC500H60N
LDP/LDOP600H60	466860	600	5.58	2	LDC600H60N

90° Horizontal Bend

LDC...H60N

mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

LDC100H60N	466910	100	3.72	2	LDP/LDOP100H60
LDC200H60N	466920	200	4.47	2	LDP/LDOP200H60
LDC300H60N	466930	300	5.21	2	LDP/LDOP300H60
LDC400H60N	466940	400	5.95	2	LDP/LDOP400H60
LDC500H60N	466950	500	6.70	2	LDP/LDOP500H60
LDC600H60N	466960	600	7.45	2	LDP/LDOP600H60

Additional information:

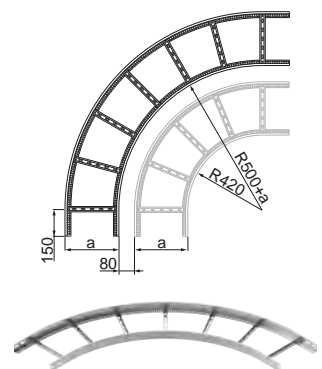
- use 4 LDPH60 or LDC/LDOCH60 and 16 sets of SGK8x14 or SGM8x14 bolts for mounting

90° Vertical Bend - External

LDZP...H60N

mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

LDZP100H60N	467010	100	3.70	2	LDZC100H60N
LDZP200H60N	467020	200	4.55	2	LDZC200H60N
LDZP300H60N	467030	300	5.92	2	LDZC300H60N
LDZP400H60N	467040	400	6.41	2	LDZC400H60N
LDZP500H60N	467050	500	7.42	2	LDZC500H60N
LDZP600H60N	467060	600	8.63	2	LDZC600H60N

90° Horizontal Bend - External

LDZC...H60N

mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

LDZC100H60N	467110	100	4.28	2	LDZP100H60N
LDZC200H60N	467120	200	6.06	2	LDZP200H60N
LDZC300H60N	467130	300	7.89	2	LDZP300H60N
LDZC400H60N	467140	400	8.55	2	LDZP400H60N
LDZC500H60N	467150	500	9.89	2	LDZP500H60N
LDZC600H60N	467160	600	11.50	2	LDZP600H60N

Use:

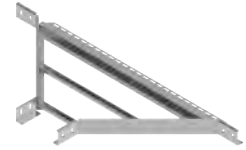
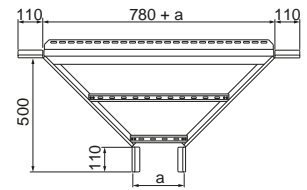
Changing the direction of the cable route.

Additional information:

- use 4 LDPH60 or LDC/LDOCH60 and 16 sets of SGK8x14 or SGM8x14 bolts for mounting



Add-on Tee		TDDP...H60	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 1.5 mm					
TDDP100H60	456012	100	3.49	1	
TDDP200H60	456022	200	3.75	1	
TDDP300H60	456032	300	4.01	1	
TDDP400H60	456042	400	4.27	1	
TDDP500H60	456052	500	4.53	1	
TDDP600H60	456062	600	4.76	1	

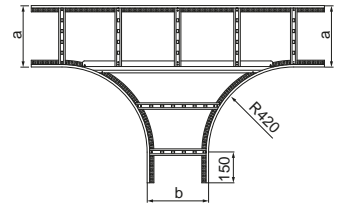


Additional information:

- to connect the fitting to the cable ladder, use 8 sets of SGKM8x14 bolts
- quick and stable mounting
- mounting at any point on an existing cable route
- possibility to screw the rungs from the cable ladder to the lower part of the extension tee



Horizontal Tee		TDP/TDOP...H60	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
TDP/TDOP100H60	467210	100	4.56	2	TDC100H60N
TDP/TDOP200H60	467220	200	5.29	2	TDC200H60N
TDP/TDOP300H60	467230	300	6.02	2	TDC300H60N
TDP/TDOP400H60	467240	400	6.75	2	TDC400H60N
TDP/TDOP500H60	467250	500	7.48	2	TDC500H60N
TDP/TDOP600H60	467260	600	8.22	2	TDC600H60N



Horizontal Tee		TDC...H60N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
TDC100H60N	467310	100	6.08	2	TDP/TDOP100H60
TDC200H60N	467320	200	7.05	2	TDP/TDOP200H60
TDC300H60N	467330	300	8.03	2	TDP/TDOP300H60
TDC400H60N	467340	400	9.00	2	TDP/TDOP400H60
TDC500H60N	467350	500	9.97	2	TDP/TDOP500H60
TDC600H60N	467360	600	10.96	2	TDP/TDOP600H60



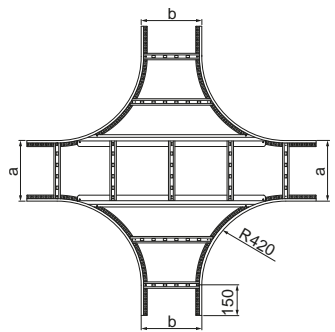
Use:

Cable route branching.

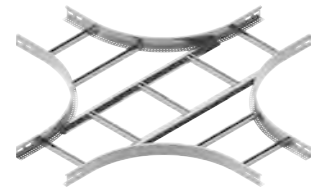
Additional information:

- use 6 LDPH60 or LDC/LDOCH60 and 24 sets of SGKM8x14 or SGM8x14 bolts for mounting
- for non-standard orders specify dimension a and b (if a=400, b=600 the ordered fitting should have the designation TD...400/600/400H...)

Horizontal Cross-over		CZDP/CZDOP...H60		mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
CZDP/CZDOP100H60	467410	100	6.19	2	CZDC100H60N	
CZDP/CZDOP200H60	467420	200	6.90	2	CZDC200H60N	
CZDP/CZDOP300H60	467430	300	7.75	2	CZDC300H60N	
CZDP/CZDOP400H60	467440	400	8.61	2	CZDC400H60N	
CZDP/CZDOP500H60	467450	500	9.47	2	CZDC500H60N	
CZDP/CZDOP600H60	467460	600	10.33	2	CZDC600H60N	



Horizontal Cross-over		CZDC...H60N		mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
CZDC100H60N	467510	100	8.25	2	CZDP/CZDOP100H60	
CZDC200H60N	467520	200	9.30	2	CZDP/CZDOP200H60	
CZDC300H60N	467530	300	10.35	2	CZDP/CZDOP300H60	
CZDC400H60N	467540	400	11.48	2	CZDP/CZDOP400H60	
CZDC500H60N	467550	500	12.62	2	CZDP/CZDOP500H60	
CZDC600H60N	467560	600	13.77	2	CZDP/CZDOP600H60	



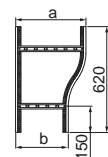
Use:

Cable route branching.

Additional information:

- use 8 LDPH60 or LDC/LDOCH60 and 32 sets of SGKM8x14 bolts for mounting
- for non-standard orders specify dimension a and b (if a=200 and b=400 the ordered fitting should have the designation CZD...200/400/200/400H...)

Right Reducer		RDPP...H60N		mat.: S	option: F, E, L	
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
RDPP200/100H60N	468620	200/100	1.56	2	RDPC200/100H60N	
RDPP300/200H60N	468630	300/200	1.73	2	RDPC300/200H60N	
RDPP400/300H60N	468240	400/300	1.91	2	RDPC400/300H60N	
RDPP500/400H60N	468250	500/400	2.09	2	RDPC500/400H60N	
RDPP600/500H60N	468260	600/500	2.25	2	RDPC600/500H60N	



Right Reducer		RDPC...H60N		mat.: S	option: F, E, L	
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
RDPC200/100H60N	468820	200/100	2.08	2	RDPP200/100H60N	
RDPC300/200H60N	468830	300/200	2.30	2	RDPP300/200H60N	
RDPC400/300H60N	468340	400/300	2.55	2	RDPP400/300H60N	
RDPC500/400H60N	468350	500/400	2.78	2	RDPP500/400H60N	
RDPC600/500H60N	468360	600/500	3.01	2	RDPP600/500H60N	

Use:

Changing the width of the cable route.

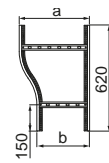
Additional information:

- use 4 LDPH60 or LDC/LDOCH60 and 16 sets of SGKM8x14 or SGM8x14 bolts for mounting
- for non-standard orders specify dimension a and b

Left Reducer
RDLP...H60N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
------	------------------	--------------------	-------------------	-----------------------------	------------


Material thickness = 1.5 mm

RDLP200/100H60N	468220	200/100	1.56	2	RDLC200/100H60N
RDLP300/200H60N	468230	300/200	1.73	2	RDLC300/200H60N
RDLP400/300H60N	468040	400/300	1.91	2	RDLC400/300H60N
RDLP500/400H60N	468050	500/400	2.09	2	RDLC500/400H60N
RDLP600/500H60N	468060	600/500	2.25	2	RDLC600/500H60N


Left Reducer
RDLC...H60N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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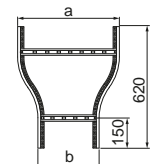

Material thickness = 2.0 mm

RDLC200/100H60N	468420	200/100	2.08	2	RDLP200/100H60N
RDLC300/200H60N	468430	300/200	2.30	2	RDLP300/200H60N
RDLC400/300H60N	468140	400/300	2.55	2	RDLP400/300H60N
RDLC500/400H60N	468150	500/400	2.78	2	RDLP500/400H60N
RDLC600/500H60N	468160	600/500	3.01	2	RDLP600/500H60N


Straight Reducer
RDSP...H60N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

RDSP200/100H60N	467820	200/100	1.56	2	RDSC200/100H60N
RDSP300/200H60N	467830	300/200	1.73	2	RDSC300/200H60N
RDSP400/300H60N	467840	400/300	1.91	2	RDSC400/300H60N
RDSP500/400H60N	467850	500/400	2.09	2	RDSC500/400H60N
RDSP600/500H60N	467860	600/500	2.25	2	RDSC600/500H60N


Straight Reducer
RDSC...H60N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

RDSC200/100H60N	468020	200/100	2.08	2	RDSP200/100H60N
RDSC300/200H60N	468030	300/200	2.30	2	RDSP300/200H60N
RDSC400/300H60N	467940	400/300	2.55	2	RDSP400/300H60N
RDSC500/400H60N	467950	500/400	2.78	2	RDSP500/400H60N
RDSC600/500H60N	467960	600/500	3.01	2	RDSP600/500H60N

Use:

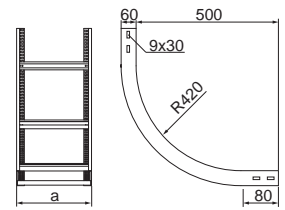
Changing the width of the cable route.

Additional information:

- use 4 LDPH60 or LDC/LDOCH60 and 16 sets of SGKM8x14 or SGM8x14 bolts for mounting
- for non-standard orders specify dimension a and b

90° Vertical Bend - Internal LPDWP/LPDWOP...H60 mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDWP/LPDWOP100H60	469210	100	1.90	1	LPDWC100H60N
LPDWP/LPDWOP200H60	469220	200	2.26	1	LPDWC200H60N
LPDWP/LPDWOP300H60	469230	300	2.66	1	LPDWC300H60N
LPDWP/LPDWOP400H60	469240	400	3.02	1	LPDWC400H60N
LPDWP/LPDWOP500H60	469250	500	3.42	1	LPDWC500H60N
LPDWP/LPDWOP600H60	469260	600	3.82	1	LPDWC600H60N



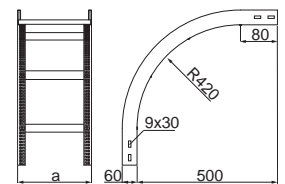
90° Vertical Bend - Internal LPDWC...H60N mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDWC100H60N	469310	100	2.40	1	LPDWP/LPDWOP100H60
LPDWC200H60N	469320	200	2.76	1	LPDWP/LPDWOP200H60
LPDWC300H60N	469330	300	3.16	1	LPDWP/LPDWOP300H60
LPDWC400H60N	469340	400	3.52	1	LPDWP/LPDWOP400H60
LPDWC500H60N	469350	500	3.92	1	LPDWP/LPDWOP500H60
LPDWC600H60N	469360	600	4.32	1	LPDWP/LPDWOP600H60



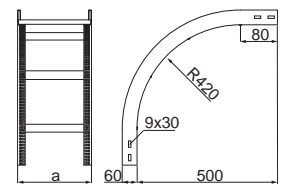
90° Vertical Bend - External LPDZP/LPDZOP...H60 mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDZP/LPDZOP100H60	469010	100	1.90	1	LPDZC100H60N
LPDZP/LPDZOP200H60	469020	200	2.26	1	LPDZC200H60N
LPDZP/LPDZOP300H60	469030	300	2.66	1	LPDZC300H60N
LPDZP/LPDZOP400H60	469040	400	3.02	1	LPDZC400H60N
LPDZP/LPDZOP500H60	469050	500	3.42	1	LPDZC500H60N
LPDZP/LPDZOP600H60	469060	600	3.82	1	LPDZC600H60N



90° Vertical Bend - External LPDZC...H60N mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDZC100H60N	469110	100	2.40	1	LPDZP/LPDZOP100H60
LPDZC200H60N	469120	200	2.76	1	LPDZP/LPDZOP200H60
LPDZC300H60N	469130	300	3.16	1	LPDZP/LPDZOP300H60
LPDZC400H60N	469140	400	3.52	1	LPDZP/LPDZOP400H60
LPDZC500H60N	469150	500	3.92	1	LPDZP/LPDZOP500H60
LPDZC600H60N	469160	600	4.32	1	LPDZP/LPDZOP600H60



Use:

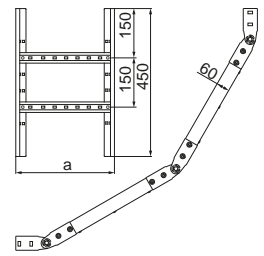
Changing the direction of the cable route.

Additional information:

- use 4 LDPH60 or LDC/LDOCH60 and 16 sets of SGK8x14 or SGM8x14 bolts for mounting


Adjustable Vertical Bend LPDP...H60N mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

LPDP100H60N	467610	100	4.60	2	LPDC100H60N
LPDP200H60N	467620	200	4.97	2	LPDC200H60N
LPDP300H60N	467630	300	5.36	2	LPDC300H60N
LPDP400H60N	467640	400	5.93	2	LPDC400H60N
LPDP500H60N	467650	500	6.11	2	LPDC500H60N
LPDP600H60N	467660	600	6.51	2	LPDC600H60N

Adjustable Vertical Bend LPDC...H60N mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

LPDC100H60N	467710	100	5.70	2	LPDP100H60N
LPDC200H60N	467720	200	6.20	2	LPDP200H60N
LPDC300H60N	467730	300	6.74	2	LPDP300H60N
LPDC400H60N	467740	400	7.50	2	LPDP400H60N
LPDC500H60N	467750	500	7.75	2	LPDP500H60N
LPDC600H60N	467760	600	8.27	2	LPDP600H60N

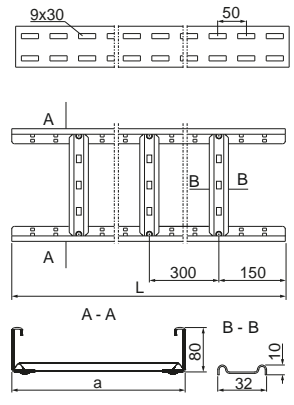
Use:

Changing the direction of the cable route.

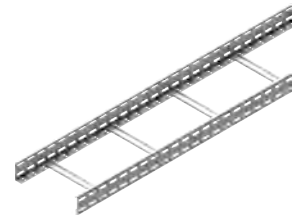
Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting

Cable Ladder		DKP...H80N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.5 mm					
DKP100H80/3N	495110	100/3000	2.90	6	DUP100H80/3N DKC100H80/3N
DKP200H80/3N	495120	200/3000	3.17	6	DUP200H80/3N DKC200H80/3N
DKP300H80/3N	495130	300/3000	3.45	6	DUP300H80/3N DKC300H80/3N
DKP400H80/3N	495140	400/3000	3.72	6	DUP400H80/3N DKC400H80/3N
DKP500H80/3N	495150	500/3000	3.99	6	DUP500H80/3N DKC500H80/3N
DKP600H80/3N	495160	600/3000	4.27	6	DUP600H80/3N DKC600H80/3N



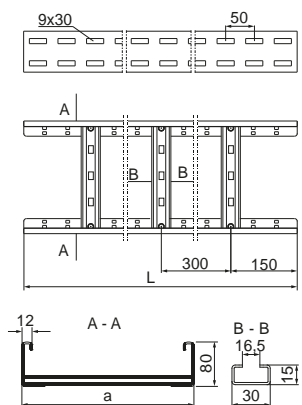
Cable Ladder		DKC...H80N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 2.0 mm					
DKC100H80/3N	495410	100/3000	3.86	6	DKC100H100/3N
DKC200H80/3N	495420	200/3000	4.22	6	DKC200H100/3N
DKC300H80/3N	495430	300/3000	4.60	6	DKC300H100/3N
DKC400H80/3N	495440	400/3000	4.98	6	DKC400H100/3N
DKC500H80/3N	495450	500/3000	5.32	6	DKC500H100/3N
DKC600H80/3N	495460	600/3000	5.69	6	DKC600H100/3N



Additional information:

- ladder with rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm

Cable Ladder		DUP...H80N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute
Material thickness = 1.5 mm					
DUP100H80/3N	495710	100/3000	2.90	6	DKP100H80/3N DUP100H100/3N
DUP200H80/3N	495720	200/3000	3.17	6	DKP200H80/3N DUP200H100/3N
DUP300H80/3N	495730	300/3000	3.45	6	DKP300H80/3N DUP300H100/3N
DUP400H80/3N	495740	400/3000	3.72	6	DKP400H80/3N DUP400H100/3N
DUP500H80/3N	495750	500/3000	3.99	6	DKP500H80/3N DUP500H100/3N
DUP600H80/3N	495760	600/3000	4.27	6	DKP600H80/3N DUP600H100/3N

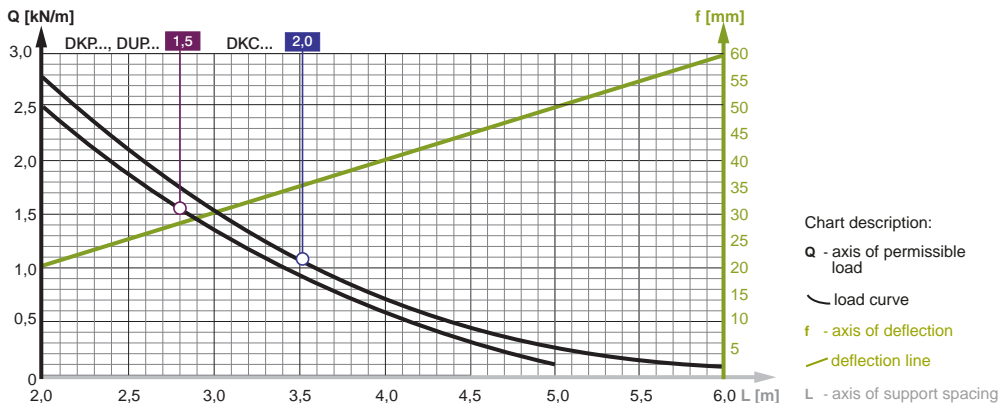


Use:

Routing a cable route.

Additional information:

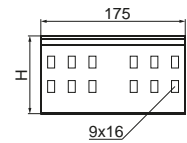
- ladder with rungs suitable for mounting UK/UKO... and UKP... cable clamps
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm
- in the case of mounting ladders horizontally - rungs to the wall, it is recommended to use ladders with rungs double riveted to the board





Connector **LDCH80N** mat.: S option: F, E, L

code



Use:
Connecting cable routes

Articulated connector **LG...H80** mat.: S option: F, E, L

code

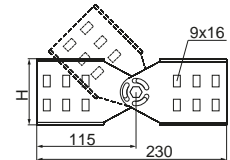
catalogue number

dimension H [mm]

weight 1 pc. [kg]

quantity per package [pcs.]

substitute



Material thickness = 1.5 mm

LGDPH80	481299	84	0.20	10	LGCH80N
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Material thickness = 2.0 mm

LGCH80N	481301	85	0.27	10	LGTH80N
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Material thickness = 3.0 mm

LGTH80N	481302	87	0.40	10	LGCH80N
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Use:

Connecting cable ladders routed at different angles. Full range angle adjustment with locking mechanism.

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting



Articulated Connector - Attachable **LDD...H80** mat.: S option: F, E, L

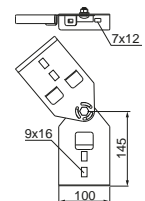
code

catalogue number

weight 1 pc. [kg]

quantity per package [pcs.]

substitute



Material thickness = 1.5 mm

LDDPH80	481199	0.39	10	LDDCH80N
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Material thickness = 2.0 mm

LDDCH80N	481201	0.53	10	LDDTH80N
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Material thickness = 3.0 mm

LDDTH80N	481202	0.78	10	LDDCH80N
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Use:

Connecting elements of a cable route routed at different angles. Angle adjustment from 0-90°. Ability to form a two-level route.

Additional information:

- use 4 sets of SGK8x14 bolts for mounting when bolting to the side of the ladder board



Angle Connector **LKD...H80** mat.: S option: F, E, L

code

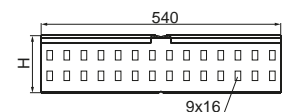
catalogue number

dimension H [mm]

weight 1 pc. [kg]

quantity per package [pcs.]

substitute



Material thickness = 1.5 mm

LKDPH80	481099	84	0.47	20	LKDCH80N
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Material thickness = 2.0 mm

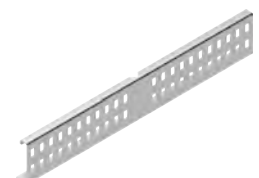
LKDCH80N	481101	85	0.62	20	LKDPH80
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Use:

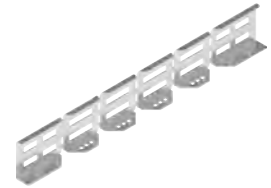
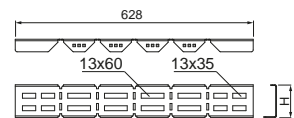
Connecting cable ladders routed at different angles

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
- the new dense perforation used in the connector guarantees the bolt connection of two ladders cut at any point both at an angle and straight without additional drilling



Universal connector		LLUS...H80		mat.: S	option: F, E, L	
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	



Material thickness = 1.5 mm					
LLUSPH80	437999	84	0.73	10	LLUSH80
Material thickness = 2.0 mm					
LLUSH80	438000	85	0.97	10	LLUSPH80

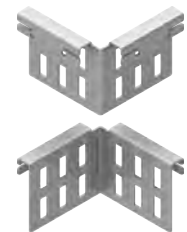
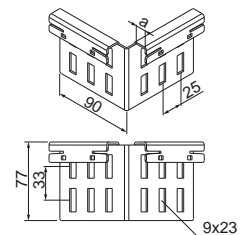
Use:

Forming reducers and bends.

Additional information:

- use SGKM8x16 bolts and PW8 washers for mounting
- to reinforce the formed fitting, it is recommended to use the SCP rung...

Angle coupler - bendable		LKU...H80		mat.: S	option: F, E, L	
code	catalogue number	dimension a/H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	



Material thickness = 1.5 mm					
LKUPH80	405716	13/77	0.18	10	LKUCH80
Material thickness = 2.0 mm					
LKUCH80	405717	13/77	0.25	10	LKUPH80

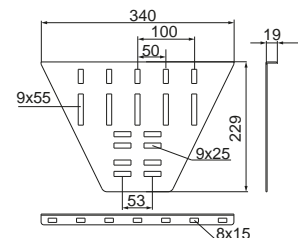
Use:

Quick and easy connection of a new cable route to an existing one at any point.

Additional information:

- for mounting, we offer 8 sets of SGKM8x14 or SGM8x14 bolts
- stable and fast mounting anywhere on the ladder without drilling holes

Vertical Connector		LPLS120		mat.: S	option: F, E, L	
code	catalogue number		weight 1 pc. [kg]	quantity per package [pcs.]		



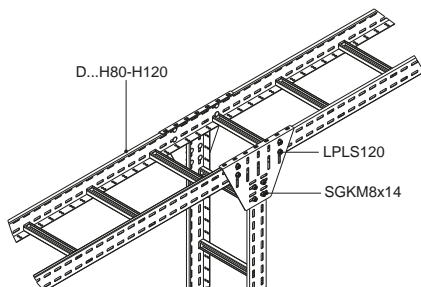
Material thickness = 2.0 mm					
LPLS120	405812		0.82	2	

Use:

Connection at any point in the horizontal line of the cable route vertical exit.

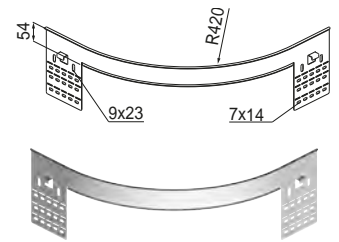
Additional information:

- LPLS120 connector fits DK...and DU... ladders with heights of 80 – 120 mm.
- mounting with bolts SGM8x14 or SGKM8x14





Attachable Connector	LDDK...1	mat.: S	option: F, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	substitute



Material thickness = 1.5 mm

LDDKP1	405000	1.10	2	LDDKC1
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Material thickness = 2.0 mm

LDDKC1	405200	1.50	2	LDDKP1
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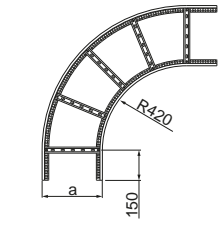
Use:

Branching anywhere in an already existing cable route.

Additional information:

– for mounting, we offer 4 sets of SGKM6x12 or SGM6x12 bolts

90° Horizontal Bend	LDP...H80N	mat.: S	option: F, E, L		
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package	substitute



Material thickness = 1.5 mm

LDP100H80N	496210	100	3.29	1	LDC100H80N
LDP200H80N	496220	200	3.87	1	LDC200H80N
LDP300H80N	496230	300	4.48	1	LDC300H80N
LDP400H80N	496240	400	5.08	1	LDC400H80N
LDP500H80N	496250	500	5.68	1	LDC500H80N
LDP600H80N	496260	600	6.27	1	LDC600H80N



90° Horizontal Bend	LDC...H80N	mat.: S	option: F, E, L		
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute



Material thickness = 2.0 mm

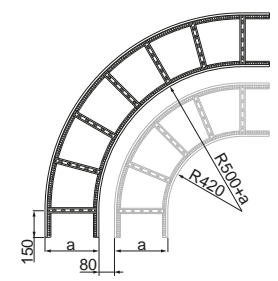
LDC100H80N	496310	100	4.39	1	LDP100H80N
LDC200H80N	496320	200	5.18	1	LDP200H80N
LDC300H80N	496330	300	5.97	1	LDP300H80N
LDC400H80N	496340	400	6.77	1	LDP400H80N
LDC500H80N	496350	500	7.57	1	LDP500H80N
LDC600H80N	496360	600	8.36	1	LDP600H80N

90° Vertical Bend - External	LDZP...H80N	mat.: S	option: F, E, L		
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute



Material thickness = 1.5 mm

LDZP100H80N	496410	100	3.78	1	LDZC100H80N
LDZP200H80N	496420	200	4.95	1	LDZC200H80N
LDZP300H80N	496430	300	6.15	1	LDZC300H80N
LDZP400H80N	496440	400	7.33	1	LDZC400H80N
LDZP500H80N	496450	500	8.45	1	LDZC500H80N
LDZP600H80N	496460	400	9.77	1	LDZC600H80N



90° Horizontal Bend - External	LDZC...H80N	mat.: S	option: F, E, L		
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute



Material thickness = 2.0 mm

LDZC100H80N	496510	100	5.04	1	LDZP100H80N
LDZC200H80N	496520	200	6.60	1	LDZP200H80N
LDZC300H80N	496530	300	8.21	1	LDZP300H80N
LDZC400H80N	496540	400	9.77	1	LDZP400H80N
LDZC500H80N	496550	500	11.26	1	LDZP500H80N
LDZC600H80N	496560	600	13.02	1	LDZP600H80N

Use:

Changing the direction of the cable route.

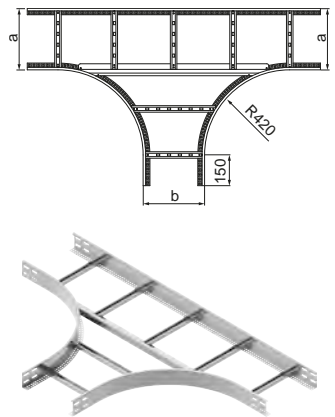
Additional information:

– use 4 LDCH... connectors and 32 sets of SGKM8x14 or SGM8x14 bolts for mounting

Horizontal Tee		TDP...H80N	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package	substitute
Material thickness = 1.5 mm					
TDP100H80N	496610	100	5.32	1	TDC100H80N
TDP200H80N	496620	200	6.07	1	TDC200H80N
TDP300H80N	496630	300	6.83	1	TDC300H80N
TDP400H80N	496640	400	7.59	1	TDC400H80N
TDP500H80N	496650	500	8.34	1	TDC500H80N
TDP600H80N	496660	600	9.10	1	TDC600H80N

Additional information:

- use LDCH... connectors and 48 sets of SGKM8x14 or SGM8x14 bolts for mounting
- for non-standard orders specify dimension a and b (if a=400, b=600 the ordered fitting should have the designation TD...400/600/400H...)



Horizontal Tee		TDC...H80N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
TDC100H80N	496710	100	7.09	1	TDP100H80N
TDC200H80N	496720	200	8.09	1	TDP200H80N
TDC300H80N	496730	300	9.10	1	TDP300H80N
TDC400H80N	496740	400	10.12	1	TDP400H80N
TDC500H80N	496750	500	11.12	1	TDP500H80N
TDC600H80N	496760	600	12.13	1	TDP600H80N

Use:

Cable route branching.

Additional information:

- for non-standard orders specify dimension a and b (if a=400, b=600 the ordered fitting should have the designation TD...400/600/400H...)
- use 6 LDPH... or LDCH... connectors and 48 sets of SGKM8x14 or SGM8x14 bolts for mounting

Horizontal Cross-over		CZDP...H80N	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package	substitute
Material thickness = 1.5 mm					
CZDP100H80N	496810	100	7.11	1	CZDC100H80N
CZDP200H80N	496820	200	7.82	1	CZDC200H80N
CZDP300H80N	496830	300	8.67	1	CZDC300H80N
CZDP400H80N	496840	400	9.53	1	CZDC400H80N
CZDP500H80N	496850	500	10.39	1	CZDC500H80N
CZDP600H80N	496860	600	11.25	1	CZDC600H80N

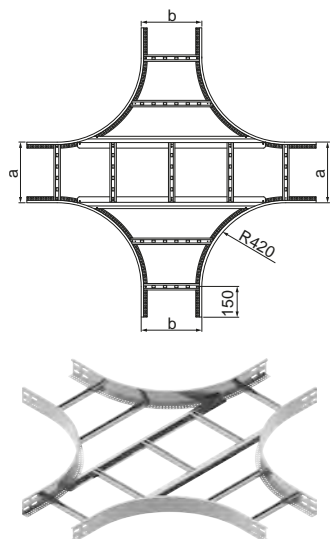
Horizontal Cross-over		CZDC...H80N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
CZDC100H80N	496910	100	9.48	1	CZDP100H80N
CZDC200H80N	496920	200	10.42	1	CZDP200H80N
CZDC300H80N	496930	300	11.56	1	CZDP300H80N
CZDC400H80N	496940	400	12.70	1	CZDP400H80N
CZDC500H80N	496950	500	13.85	1	CZDP500H80N
CZDC600H80N	496960	600	15.00	1	CZDP600H80N

Use:

Cable route branching.

Additional information:

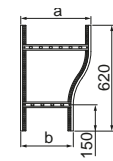
- for non-standard orders specify dimension a and b (if a=200 and b=400 the ordered fitting should have the designation CZD...200/400/200/400H...)
- use 8 LDCH... connectors and 64 sets of SGKM8x14 or SGM8x14 bolts for mounting




Right Reducer
RDPP...H80N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package	substitute
Material thickness = 1.5 mm					
RDPP200/100H80N	498020	200/100	1.83	1	RDPC200/100H80N
RDPP300/200H80N	498030	300/200	1.99	1	RDPC300/200H80N
RDPP400/300H80N	498040	400/300	2.17	1	RDPC400/300H80N
RDPP500/400H80N	498050	500/400	2.35	1	RDPC500/400H80N
RDPP600/500H80N	498060	600/500	2.51	1	RDPC600/500H80N


Right Reducer
RDPC...H80N

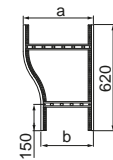
mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
RDPC200/100H80N	498220	200/100	2.44	1	RDPP200/100H80N
RDPC300/200H80N	498230	300/200	2.65	1	RDPP300/200H80N
RDPC400/300H80N	498240	400/300	2.89	1	RDPP400/300H80N
RDPC500/400H80N	498250	500/400	3.13	1	RDPP500/400H80N
RDPC600/500H80N	498260	600/500	3.34	1	RDPP600/500H80N


Left Reducer
RDLP...H80N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package	substitute
Material thickness = 1.5 mm					
RDLP200/100H80N	497720	200/100	1.83	1	RDLC200/100H80N
RDLP300/200H80N	497730	300/200	1.99	1	RDLC300/200H80N
RDLP400/300H80N	497740	400/300	2.17	1	RDLC400/300H80N
RDLP500/400H80N	497750	500/400	2.35	1	RDLC500/400H80N
RDLP600/500H80N	497760	600/500	2.51	1	RDLC600/500H80N

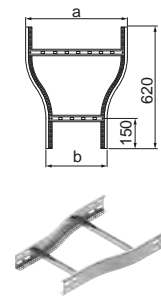

Left Reducer
RDLC...H80N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
RDLC200/100H80N	497820	200/100	2.44	1	RDLP200/100H80N
RDLC300/200H80N	497830	300/200	2.65	1	RDLP300/200H80N
RDLC400/300H80N	497840	400/300	2.89	1	RDLP400/300H80N
RDLC500/400H80N	497850	500/400	3.13	1	RDLP500/400H80N
RDLC600/500H80N	497860	600/500	3.34	1	RDLP600/500H80N



Straight Reducer		RDSP...H80N		mat.: S	option: F, E, L	
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package	substitute	
Material thickness = 1.5 mm						
RDSP200/100H80N	497220	200/100	1.83	1	RDSC200/100H80N	
RDSP300/200H80N	497230	300/200	1.99	1	RDSC300/200H80N	
RDSP400/300H80N	497240	400/300	2.17	1	RDSC400/300H80N	
RDSP500/400H80N	497250	500/400	2.35	1	RDSC500/400H80N	
RDSP600/500H80N	497260	600/500	2.51	1	RDSC600/500H80N	



Straight Reducer		RDSC...H80N		mat.: S	option: F, E, L	
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
RDSC200/100H80N	497420	200/100	2.44	1	RDSP200/100H80N	
RDSC300/200H80N	497430	300/200	2.65	1	RDSP300/200H80N	
RDSC400/300H80N	497440	400/300	2.89	1	RDSP400/300H80N	
RDSC500/400H80N	497450	500/400	3.13	1	RDSP500/400H80N	
RDSC600/500H80N	497460	600/500	3.34	1	RDSP600/500H80N	

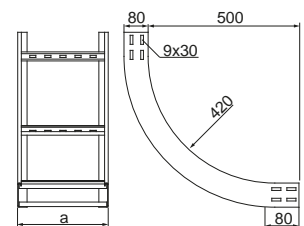
Use:

Changing the width of the cable route.

Additional information:

- for non-standard orders specify dimension a and b
- use 4 LDCH... connectors and 32 sets of SGK8x14 or SGM8x14 bolts for mounting

90° Vertical Bend - Internal		LPDWP...H80N		mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package	substitute	
Material thickness = 1.5 mm						
LPDWP100H80N	489210	100	2.40	1	LPDWC100H80N	
LPDWP200H80N	489220	200	2.76	1	LPDWC200H80N	
LPDWP300H80N	489230	300	3.16	1	LPDWC300H80N	
LPDWP400H80N	489240	400	3.52	1	LPDWC400H80N	
LPDWP500H80N	489250	500	3.92	1	LPDWC500H80N	
LPDWP600H80N	489260	600	4.32	1	LPDWC600H80N	



90° Vertical Bend - Internal		LPDWC...H80N		mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
LPDWC100H80N	489310	100	3.10	1	LPDWP100H80N	
LPDWC200H80N	489320	200	3.46	1	LPDWP200H80N	
LPDWC300H80N	489330	300	3.86	1	LPDWP300H80N	
LPDWC400H80N	489340	400	4.22	1	LPDWP400H80N	
LPDWC500H80N	489350	500	4.62	1	LPDWP500H80N	
LPDWC600H80N	489360	600	5.02	1	LPDWP600H80N	



Use:

Changing the direction of the cable route.

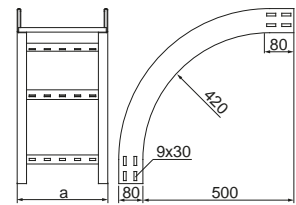
Additional information:

- use 4 LDCH... connectors and 32 sets of SGK8x14 or SGM8x14 bolts for mounting



90° Vertical Bend - External LPDZP...H80N mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package	substitute
Material thickness = 1.5 mm					
LPDZP100H80N	489010	100	2.40	1	LPDZC100H80N
LPDZP200H80N	489020	200	2.76	1	LPDZC200H80N
LPDZP300H80N	489030	300	3.16	1	LPDZC300H80N
LPDZP400H80N	489040	400	3.52	1	LPDZC400H80N
LPDZP500H80N	489050	500	3.92	1	LPDZC500H80N
LPDZP600H80N	489060	600	4.32	1	LPDZC600H80N



90° Vertical Bend - External LPDZC...H80N mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDZC100H80N	489110	100	3.10	1	LPDZP100H80N
LPDZC200H80N	489120	200	3.46	1	LPDZP200H80N
LPDZC300H80N	489130	300	3.86	1	LPDZP300H80N
LPDZC400H80N	489140	400	4.22	1	LPDZP400H80N
LPDZC500H80N	489150	500	4.62	1	LPDZP500H80N
LPDZC600H80N	489160	600	5.02	1	LPDZP600H80N

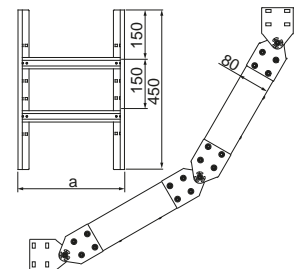


Additional information:

- use 4 LDCH... connectors and 32 sets of SGK8x14 or SGM8x14 bolts for mounting

Adjustable Vertical Bend LPDP...H80N mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package	substitute
Material thickness = 1.5 mm					
LPDP100H80N	497010	100	5.68	1	LPDC100H80N
LPDP200H80N	497020	200	6.05	1	LPDC200H80N
LPDP300H80N	497030	300	6.45	1	LPDC300H80N
LPDP400H80N	497040	400	6.80	1	LPDC400H80N
LPDP500H80N	497050	500	7.15	1	LPDC500H80N
LPDP600H80N	497060	600	7.60	1	LPDC600H80N



Adjustable Vertical Bend LPDC...H80N mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDC100H80N	497110	100	7.02	1	LPDP100H80N
LPDC200H80N	497120	200	7.53	1	LPDP200H80N
LPDC300H80N	497130	300	8.05	1	LPDP300H80N
LPDC400H80N	497140	400	8.56	1	LPDP400H80N
LPDC500H80N	497150	500	9.07	1	LPDP500H80N
LPDC600H80N	497160	600	9.60	1	LPDP600H80N

Use:

Changing the direction of the cable route.

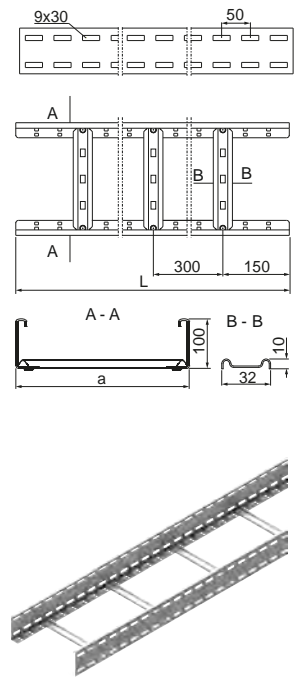
Additional information:

- use 16 sets of SGK8x14 or SGM8x14 bolts for mounting

Cable ladders H100



Cable Ladder		DKP...H100N		mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute	
Material thickness = 1.5 mm						
DKP100H100/3N	498410	100/3000	3.38	6	DUP100H100/3N DKC100H100/3N	
DKP100H100/6N	498510	100/6000	3.38	12	DUP100H100/6N DKC100H100/6N	
DKP200H100/3N	498420	200/3000	3.65	6	DUP200H100/3N DKC200H100/3N	
DKP200H100/6N	498520	200/6000	3.65	12	DUP200H100/6N DKC200H100/6N	
DKP300H100/3N	498430	300/3000	3.93	6	DUP300H100/3N DKC300H100/3N	
DKP300H100/6N	498530	300/6000	3.93	12	DUP300H100/6N DKC300H100/6N	
DKP400H100/3N	498440	400/3000	4.20	6	DUP400H100/3N DKC400H100/3N	
DKP400H100/6N	498540	400/6000	4.20	12	DUP400H100/6N DKC400H100/6N	
DKP500H100/3N	498450	500/3000	4.47	6	DUP500H100/3N DKC500H100/3N	
DKP500H100/6N	498550	500/6000	4.47	12	DUP500H100/6N DKC500H100/6N	
DKP600H100/3N	498460	600/3000	4.75	6	DUP600H100/3N DKC600H100/3N	
DKP600H100/6N	498560	600/6000	4.75	12	DUP600H100/6N DKC600H100/6N	



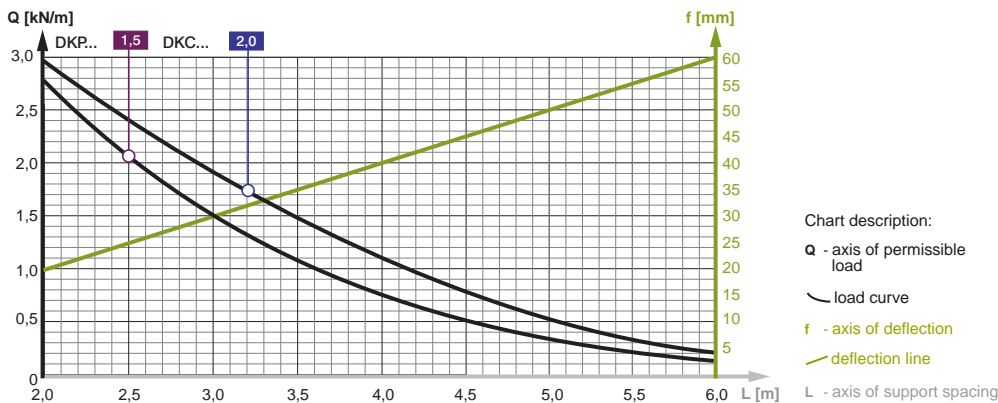
Cable Ladder		DKC...H100N		mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute	
Material thickness = 2.0 mm						
DKC100H100/3N	498710	100/3000	4.50	6	DUC100H100/3N	
DKC100H100/6N	498810	100/6000	4.50	12	DUC100H100/6N	
DKC200H100/3N	498720	200/3000	4.86	6	DUC200H100/3N	
DKC200H100/6N	498820	200/6000	4.86	12	DUC200H100/6N	
DKC300H100/3N	498730	300/3000	5.24	6	DUC300H100/3N	
DKC300H100/6N	498830	300/6000	5.24	12	DUC300H100/6N	
DKC400H100/3N	498740	400/3000	5.60	6	DUC400H100/3N	
DKC400H100/6N	498840	400/6000	5.60	12	DUC400H100/6N	
DKC500H100/3N	498750	500/3000	5.96	6	DUC500H100/3N	
DKC500H100/6N	498850	500/6000	5.96	12	DUC500H100/6N	
DKC600H100/3N	498760	600/3000	6.32	6	DUC600H100/3N	
DKC600H100/6N	498860	600/6000	6.32	12	DUC600H100/6N	

Use:

Routing a cable route.

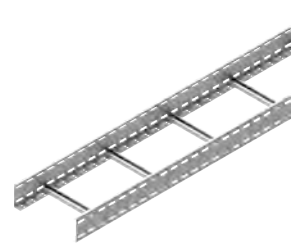
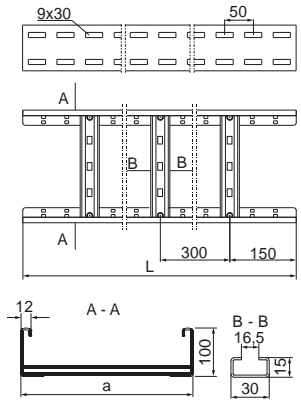
Additional information:

- ladder with rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm





Cable Ladder		DUP...H100N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute	
Material thickness = 1.5 mm						
DUP100H100/3N	499010	100/3000	3.38	6	DKP100H100/3N DUC100H100/3N	
DUP100H100/6N	499110	100/6000	3.38	12	DKP100H100/6N DUC100H100/6N	
DUP200H100/3N	499020	200/3000	3.65	6	DKP200H100/3N DUC200H100/3N	
DUP200H100/6N	499120	200/6000	3.65	12	DKP200H100/6N DUC200H100/6N	
DUP300H100/3N	499030	300/3000	3.93	6	DKP300H100/3N DUC300H100/3N	
DUP300H100/6N	499130	300/6000	3.93	12	DKP300H100/6N DUC300H100/6N	
DUP400H100/3N	499040	400/3000	4.20	6	DKP400H100/3N DUC400H100/3N	
DUP400H100/6N	499140	400/6000	4.20	12	DKP400H100/6N DUC400H100/6N	
DUP500H100/3N	499050	500/3000	4.47	6	DKP500H100/3N DUC500H100/3N	
DUP500H100/6N	499150	500/6000	4.47	12	DKP500H100/6N DUC500H100/6N	
DUP600H100/3N	499060	600/3000	4.75	6	DKP600H100/3N DUC600H100/3N	
DUP600H100/6N	499160	600/6000	4.75	12	DKP600H100/6N DUC600H100/6N	



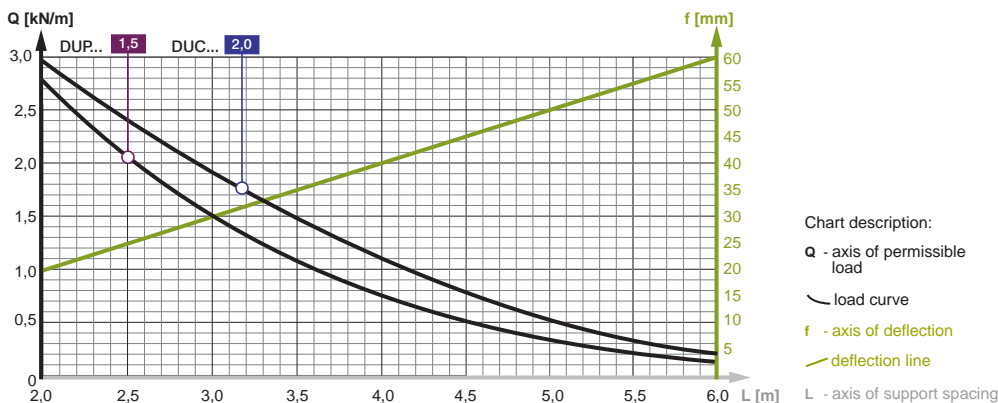
Cable Ladder		DUC...H100N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute	
Material thickness = 2.0 mm						
DUC100H100/3N	499310	100/3000	4.50	6	DKC100H100/3N DUC100H120/3N	
DUC100H100/6N	499410	100/6000	4.50	12	DKC100H100/6N DUC100H120/6N	
DUC200H100/3N	499320	200/3000	4.86	6	DKC200H100/3N DUC200H120/3N	
DUC200H100/6N	499420	200/6000	4.86	12	DKC200H100/6N DUC200H120/6N	
DUC300H100/3N	499330	300/3000	5.24	6	DKC300H100/3N DUC300H120/3N	
DUC300H100/6N	499430	300/6000	5.24	12	DKC300H100/6N DUC300H120/6N	
DUC400H100/3N	499340	400/3000	5.60	6	DKC400H100/3N DUC400H120/3N	
DUC400H100/6N	499440	400/6000	5.60	12	DKC400H100/6N DUC400H120/6N	
DUC500H100/3N	499350	500/3000	5.96	6	DKC500H100/3N DUC500H120/3N	
DUC500H100/6N	499450	500/6000	5.96	12	DKC500H100/6N DUC500H120/6N	
DUC600H100/3N	499360	600/3000	6.32	6	DKC600H100/3N DUC600H120/3N	
DUC600H100/6N	499460	600/6000	6.32	12	DKC600H100/6N DUC600H120/6N	

Use:

Routing a cable route.

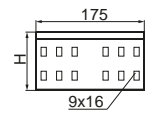
Additional information:

- ladder with rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm
- in the case of mounting ladders horizontally – rungs to the wall, it is recommended to use ladders with rungs double riveted to the board





Connector	LDCH100N	mat.: S	option: F, E, L		
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LDCH100N	411001	105	0.37	10	LKDCH100N

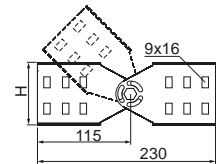


Use:
Connecting cable routes

Additional information:

- use 8 sets of SGKM8x14 or SGM8x14 bolts for mounting

Articulated connector	LG...H100	mat.: S	option: F, E, L		
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LGDPH100	411299	104	0.26	10	LGCH100N
Material thickness = 2.0 mm					
LGCH100N	411301	105	0.34	10	LGTH100N
Material thickness = 3.0 mm					
LGTH100N	411302	107	0.51	10	LGCH100N

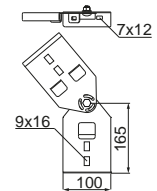


Use:
Connecting cable ladders routed at different angles. Full range angle adjustment with locking mechanism.

Additional information:

- for mounting, we offer 8 sets of SGKM8x14 or SGM8x14 bolts

Articulated Connector - Attachable	LDD...H100	mat.: S	option: F, E, L		
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm					
LDDPH100	411199	0.44	10	LDDCH100N	
Material thickness = 2.0 mm					
LDDCH100N	411201	0.64	10	LDDTH100N	
Material thickness = 3.0 mm					
LDDTH100N	411202	0.95	10	LDDCH100N	

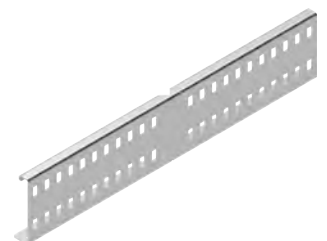
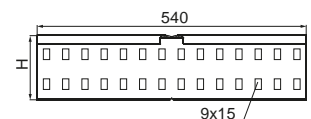


Use:
Connecting elements of a cable route routed at different angles. Angle adjustment from 0-90°. Ability to form a two-level route.

Additional information:

- use 4 sets of SGKM8x14 bolts for mounting when bolting to the side of the ladder board

Angle Connector	LKD...H100	mat.: S	option: F, E, L		
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LKDPH100	411099	104	0.49	20	LKDCH100N
Material thickness = 2.0 mm					
LKDCH100N	411101	105	0.65	20	LKDPH100



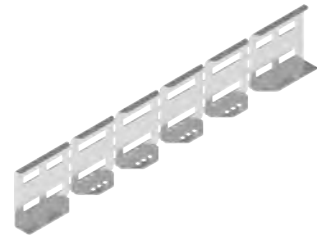
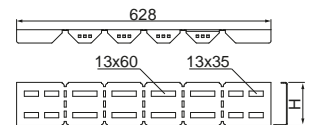
Use:
Connecting cable ladders routed at different angles

Additional information:

- the new dense perforation used in the connector guarantees the bolt connection of two ladders cut at any point both at an angle and straight without additional drilling
- for mounting, we offer 8 sets of SGKM8x14 or SGM8x14 bolts



Universal connector		LLUS...H100		mat.: S	option: F, E, L	
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	

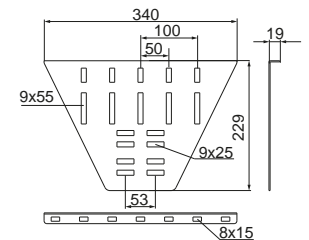


Material thickness = 1.5 mm						
LLUSPH100	431099	104	0.87	10	LLUSH100	
Material thickness = 2.0 mm						
LLUSH100	431100	105	1.16	10	LLUSPH100	

Use:
Forming reducers and bends.

- Additional information:**
- use SGKM8x16 bolts and PW8 washers for mounting
 - to reinforce the formed fitting, it is recommended to use the SCP rung...

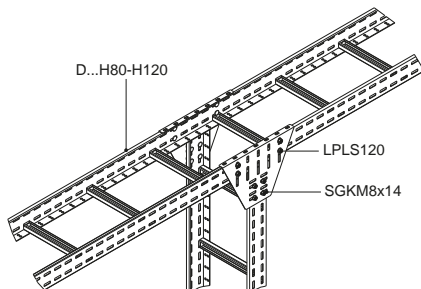
Vertical Connector		LPLS120		mat.: S	option: F, E, L	
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	



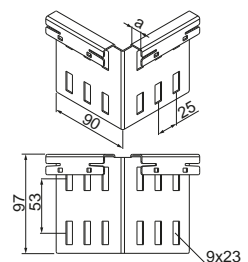
Material thickness = 2.0 mm						
LPLS120	405812		0.82	2		

Use:
Connection at any point in the horizontal line of the cable route vertical exit.

- Additional information:**
- LPLS120 connector fits DK...and DU... ladders with heights of 80 – 120 mm.
 - mounting with bolts SGM8x14 or SGKM8x14



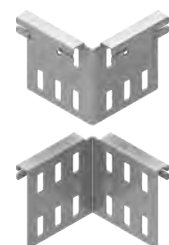
Angle coupler - bendable		LKU...H100		mat.: S	option: F, E, L	
code	catalogue number	dimension a/H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	



Material thickness = 1.5 mm						
LKUPH100	405718	13/97	0.22	10	LKUCH100	
Material thickness = 2.0 mm						
LKUCH100	405719	13/97	0.31	10	LKUPH100	

Use:
Quick and easy connection of a new cable route to an existing one at any point.

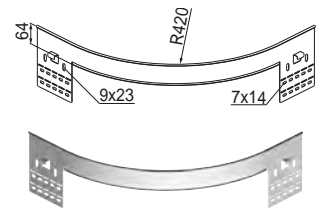
- Additional information:**
- for mounting, we offer 8 sets of SGKM8x14 or SGM8x14 bolts
 - stable and fast mounting anywhere on the ladder without drilling holes



Cable ladders H100



Attachable Connector	LDDK...2	mat.: S	option: F, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm				
LDDKP2	405100	1.26	2	LDDKC2
Material thickness = 2.0 mm				
LDDKC2	405300	1.67	2	LDDKP2



Use:

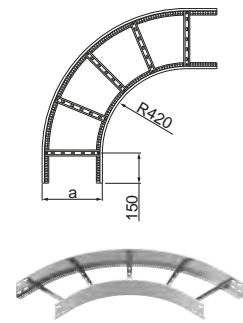
Branching anywhere in an already existing cable route.

Additional information:

- for mounting, we offer 4 sets of SGK6x12 or SGM6x12 bolts



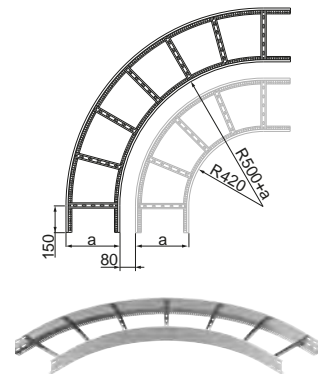
90° Horizontal Bend		LDP...H100N	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LDP100H100N	499510	100	3.79	1	LDC100H100N
LDP200H100N	499520	200	4.42	1	LDC200H100N
LDP300H100N	499530	300	5.05	1	LDC300H100N
LDP400H100N	499540	400	5.69	1	LDC400H100N
LDP500H100N	499550	500	6.32	1	LDC500H100N
LDP600H100N	499560	600	7.32	1	LDC600H100N



90° Horizontal Bend		LDC...H100N	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LDC100H100N	499610	100	5.05	1	LDP100H100N
LDC200H100N	499620	200	5.90	1	LDP200H100N
LDC300H100N	499630	300	6.74	1	LDP300H100N
LDC400H100N	499640	400	7.58	1	LDP400H100N
LDC500H100N	499650	500	8.43	1	LDP500H100N
LDC600H100N	499660	600	9.28	1	LDP600H100N



90° Vertical Bend - External		LDZP...H100N	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LDZP100H100N	499710	100	4.36	1	LDZC100H100N
LDZP200H100N	499720	200	5.63	1	LDZC200H100N
LDZP300H100N	499730	300	6.96	1	LDZC300H100N
LDZP400H100N	499740	400	8.23	1	LDZC400H100N
LDZP500H100N	499750	500	9.47	1	LDZC500H100N
LDZP600H100N	499760	600	10.91	1	LDZC600H100N



Use:

Changing the direction of the cable route.

Additional information:

– use 4 LDCH... connectors and 32 sets of SGK8x14 or SGM8x14 bolts for mounting

90° Horizontal Bend - External		LDZC...H100N	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LDZC100H100N	499810	100	5.81	1	LDZP100H100N
LDZC200H100N	499820	200	7.50	1	LDZP200H100N
LDZC300H100N	499830	300	9.28	1	LDZP300H100N
LDZC400H100N	499840	400	10.97	1	LDZP400H100N
LDZC500H100N	499850	500	12.62	1	LDZP500H100N
LDZC600H100N	499860	600	14.54	1	LDZP600H100N



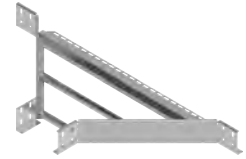
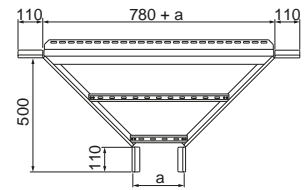
Use:

Changing the direction of the cable route.

Additional information:

– use 4 LDCH... connectors and 32 sets of SGK8x14 or SGM8x14 bolts for mounting

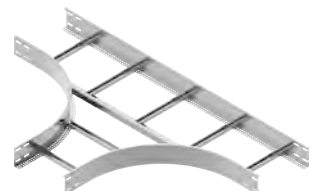
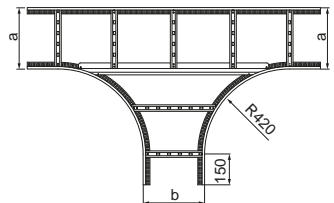
Add-on Tee		TDDP...H100	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 1.5 mm					
TDDP100H100	457012	100	4.20	1	
TDDP200H100	457022	200	4.46	1	
TDDP300H100	457032	300	4.72	1	
TDDP400H100	457042	400	4.98	1	
TDDP500H100	457052	500	5.24	1	
TDDP600H100	457062	600	5.47	1	



Additional information:

- to connect the fitting to the cable ladder, use 16 sets of SGKM8x14 bolts
- quick and stable mounting
- mounting at any point on an existing cable route
- possibility to screw the rungs from the cable ladder to the lower part of the extension tee

Horizontal Tee		TDP...H100N	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
TDP100H100N	499910	100	6.08	1	TDC100H100N
TDP200H100N	499920	200	6.85	1	TDC200H100N
TDP300H100N	499930	300	7.63	1	TDC300H100N
TDP400H100N	499940	400	8.42	1	TDC400H100N
TDP500H100N	499950	500	9.19	1	TDC500H100N
TDP600H100N	499960	600	9.98	1	TDC600H100N



Use:
Cable route branching.

Horizontal Tee		TDC...H100N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
TDC100H100N	492110	100	8.10	1	TDP100H100N
TDC200H100N	492120	200	9.13	1	TDP200H100N
TDC300H100N	492130	300	10.17	1	TDP300H100N
TDC400H100N	492140	400	11.23	1	TDP400H100N
TDC500H100N	492150	500	12.25	1	TDP500H100N
TDC600H100N	492160	600	13.30	1	TDP600H100N



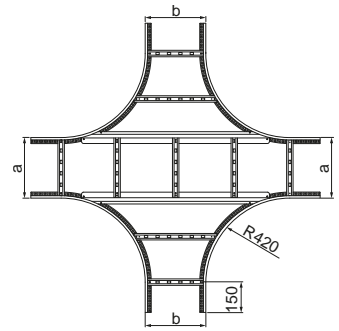
Use:
Cable route branching.

Additional information:

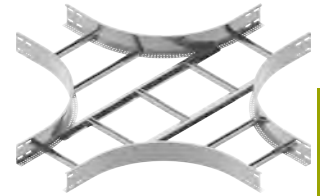
- for non-standard orders specify dimension a and b (if a=400, b=600 the ordered fitting should have the designation TD...400/600/400H...)
- use 6 LDPH... or LDCH... connectors and 48 sets of SGKM8x14 or SGM8x14 bolts for mounting



Horizontal Cross-over		CZDP...H100N	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
CZDP100H100N	492210	100	8.04	1	CZDC100H100N
CZDP200H100N	492220	200	8.75	1	CZDC200H100N
CZDP300H100N	492230	300	9.60	1	CZDC300H100N
CZDP400H100N	492240	400	10.46	1	CZDC400H100N
CZDP500H100N	492250	500	11.32	1	CZDC500H100N
CZDP600H100N	492260	600	12.18	1	CZDC600H100N



Horizontal Cross-over		CZDC...H100N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
CZDC100H100N	492310	100	10.72	1	CZDP100H100N
CZDC200H100N	492320	200	11.66	1	CZDP200H100N
CZDC300H100N	492330	300	12.80	1	CZDP300H100N
CZDC400H100N	492340	400	13.94	1	CZDP400H100N
CZDC500H100N	492350	500	15.09	1	CZDP500H100N
CZDC600H100N	492360	600	16.22	1	CZDP600H100N



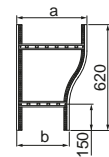
Use:

Cable route branching.

Additional information:

- for non-standard orders specify dimension a and b (if a=200 and b=400 the ordered fitting should have the designation CZD...200/400/200/400H...)
- use 8 LDCH... connectors and 64 sets of SGK8x14 or SGM8x14 bolts for mounting

Right Reducer		RDPP...H100N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
RDPP200/100H100N	413120	200/100	2.11	1	RDPC200/100H100N
RDPP300/200H100N	413131	300/200	2.28	1	RDPC300/200H100N
RDPP400/300H100N	493440	400/300	2.46	1	RDPC400/300H100N
RDPP500/400H100N	493450	500/400	2.64	1	RDPC500/400H100N
RDPP600/500H100N	493460	600/500	2.70	1	RDPC600/500H100N



Right Reducer		RDPC...H100N	mat.: S	option: F, E, L	
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
RDPC200/100H100N	493620	200/100	2.81	1	RDPP200/100H100N
RDPC300/200H100N	493630	300/200	3.04	1	RDPP300/200H100N
RDPC400/300H100N	493640	400/300	3.28	1	RDPP400/300H100N
RDPC500/400H100N	493650	500/400	3.52	1	RDPP500/400H100N
RDPC600/500H100N	493660	600/500	3.73	1	RDPP600/500H100N

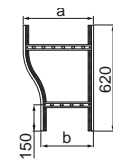
Use:

Changing the width of the cable route.

Additional information:

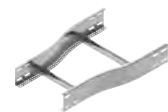
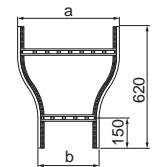
- for non-standard orders specify dimension a and b
- use 4 LDCH... connectors and 32 sets of SGK8x14 or SGM8x14 bolts for mounting

Left Reducer		RDLP...H100N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
RDLP200/100H100N	493020	200/100	2.11	1	RDLC200/100H100N	
RDLP300/200H100N	493030	300/200	2.28	1	RDLC300/200H100N	
RDLP400/300H100N	493040	400/300	2.46	1	RDLC400/300H100N	
RDLP500/400H100N	493050	500/400	2.64	1	RDLC500/400H100N	
RDLP600/500H100N	493060	600/500	2.70	1	RDLC600/500H100N	



Left Reducer		RDLC...H100N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
RDLC200/100H100N	493220	200/100	2.81	1	RDLP200/100H100N	
RDLC300/200H100N	493230	300/200	3.04	1	RDLP300/200H100N	
RDLC400/300H100N	493240	400/300	3.28	1	RDLP400/300H100N	
RDLC500/400H100N	493250	500/400	3.52	1	RDLP500/400H100N	
RDLC600/500H100N	493260	600/500	3.73	1	RDLP600/500H100N	

Straight Reducer		RDSP...H100N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
RDSP200/100H100N	492620	200/100	2.11	1	RDSC200/100H100N	
RDSP300/200H100N	492630	300/200	2.28	1	RDSC300/200H100N	
RDSP400/300H100N	492640	400/300	2.46	1	RDSC400/300H100N	
RDSP500/400H100N	492650	500/400	2.64	1	RDSC500/400H100N	
RDSP600/500H100N	492660	600/500	2.70	1	RDSC600/500H100N	



Straight Reducer		RDSC...H100N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
RDSC200/100H100N	492820	200/100	2.81	1	RDSP200/100H100N	
RDSC300/200H100N	492830	300/200	3.04	1	RDSP300/200H100N	
RDSC400/300H100N	492840	400/300	3.28	1	RDSP400/300H100N	
RDSC500/400H100N	492850	500/400	3.52	1	RDSP500/400H100N	
RDSC600/500H100N	492860	600/500	3.73	1	RDSP600/500H100N	

Use:

Changing the width of the cable route.

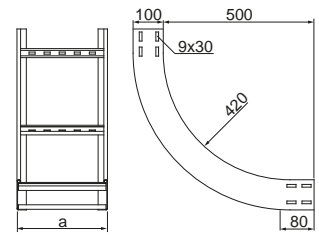
Additional information:

- for non-standard orders specify dimension a and b
- use 4 LDCH... connectors and 32 sets of SGKM8x14 or SGM8x14 bolts for mounting



90° Vertical Bend - Internal **LPDWP...H100N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDWP100H100N	499211	100	2.96	1	LPDWC100H100N
LPDWP200H100N	499221	200	3.32	1	LPDWC100H100N
LPDWP300H100N	499231	300	3.72	1	LPDWC300H100N
LPDWP400H100N	499241	400	4.08	1	LPDWC400H100N
LPDWP500H100N	499251	500	4.48	1	LPDWC500H100N
LPDWP600H100N	499261	600	4.88	1	LPDWC600H100N



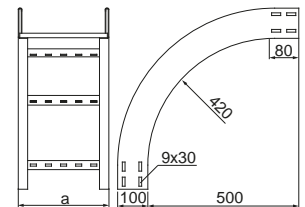
90° Vertical Bend - Internal **LPDWC...H100N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDWC100H100N	499311	100	3.82	1	LPDWP100H100N
LPDWC200H100N	499321	200	4.18	1	LPDWP200H100N
LPDWC300H100N	499331	300	4.58	1	LPDWP300H100N
LPDWC400H100N	499341	400	4.94	1	LPDWP400H100N
LPDWC500H100N	499351	500	5.34	1	LPDWP500H100N
LPDWC600H100N	499361	600	5.74	1	LPDWP600H100N



90° Vertical Bend - External **LPDZP...H100N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDZP100H100N	499011	100	2.96	1	LPDZC100H100N
LPDZP200H100N	499021	200	3.32	1	LPDZC200H100N
LPDZP300H100N	499031	300	3.72	1	LPDZC300H100N
LPDZP400H100N	499041	400	4.08	1	LPDZC400H100N
LPDZP500H100N	499051	500	4.48	1	LPDZC500H100N
LPDZP600H100N	499061	600	4.88	1	LPDZC600H100N



90° Vertical Bend - External **LPDZC...H100N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDZC100H100N	499111	100	3.82	1	LPDZP100H100N
LPDZC200H100N	499121	200	4.18	1	LPDZP200H100N
LPDZC300H100N	499131	300	4.58	1	LPDZP300H100N
LPDZC400H100N	499141	400	4.94	1	LPDZP400H100N
LPDZC500H100N	499151	500	5.34	1	LPDZP500H100N
LPDZC600H100N	499161	600	5.74	1	LPDZP600H100N

Use:

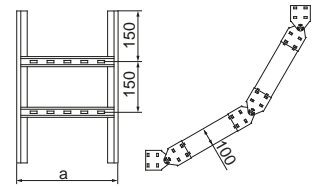
Changing the direction of the cable route.

Additional information:

- use 4 LDCH... connectors and 32 sets of SGK8x14 or SGM8x14 bolts for mounting

Adjustable Vertical Bend **LPDP...H100N** mat.: S option: F, E, L

code catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 1.5 mm

LPDP100H100N	492410	100	6.77	1	LPDC100H100N
LPDP200H100N	492420	200	7.15	1	LPDC200H100N
LPDP300H100N	492430	300	7.54	1	LPDC300H100N
LPDP400H100N	492440	400	7.92	1	LPDC400H100N
LPDP500H100N	492450	500	8.30	1	LPDC500H100N
LPDP600H100N	492460	600	8.70	1	LPDC600H100N



Adjustable Vertical Bend **LPDC...H100N** mat.: S option: F, E, L

code catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 2.0 mm

LPDC100H100N	492510	100	8.34	1	LPDP100H100N
LPDC200H100N	492520	200	8.85	1	LPDZP200H100N
LPDC300H100N	492530	300	9.38	1	LPDZP300H100N
LPDC400H100N	492540	400	9.88	1	LPDZP400H100N
LPDC500H100N	492550	500	10.38	1	LPDZP500H100N
LPDC600H100N	492560	600	10.90	1	LPDZP600H100N

Use:

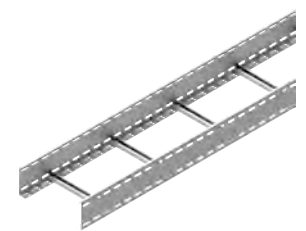
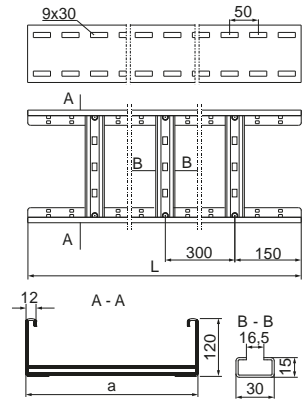
Changing the direction of the cable route.

Additional information:

- use 16 sets of SGK8x14 or SGM8x14 bolts for mounting



Cable Ladder		DUP...H120N		mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute	
Material thickness = 1.5 mm						
DUP100H120/3N	473010	100/3000	3.86	6	DUC100H120/3N	
DUP100H120/6N	473110	100/6000	3.86	12	DUC100H120/6N	
DUP200H120/3N	473020	200/3000	4.11	6	DUC200H120/3N	
DUP200H120/6N	473120	200/6000	4.11	12	DUC200H120/6N	
DUP300H120/3N	473030	300/3000	4.41	6	DUC300H120/3N	
DUP300H120/6N	473130	300/6000	4.41	12	DUC300H120/6N	
DUP400H120/3N	473040	400/3000	4.82	6	DUC400H120/3N	
DUP400H120/6N	473140	400/6000	4.82	12	DUC400H120/6N	
DUP500H120/3N	473050	500/3000	4.96	6	DUC500H120/3N	
DUP500H120/6N	473150	500/6000	4.96	12	DUC500H120/6N	
DUP600H120/3N	473060	600/3000	5.23	6	DUC600H120/3N	
DUP600H120/6N	473160	600/6000	5.23	12	DUC600H120/6N	



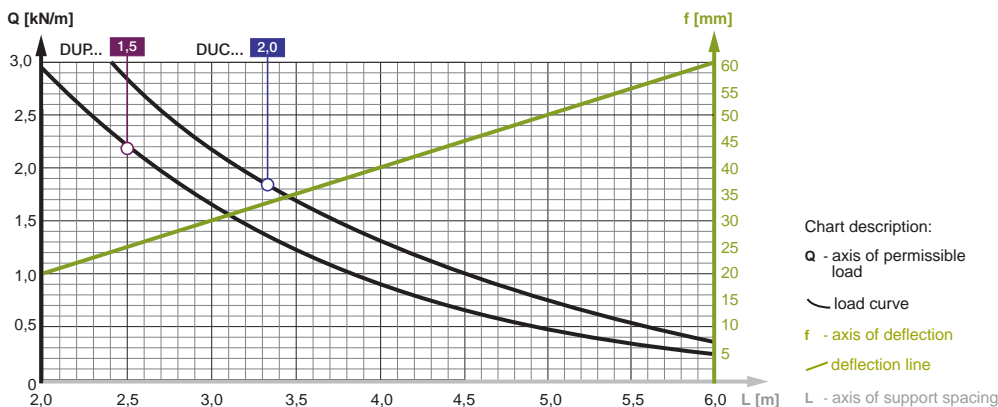
Cable Ladder		DUC...H120N		mat.: S	option: F, E, L	
code	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]	substitute	
Material thickness = 2.0 mm						
DUC100H120/3N	473210	100/3000	4.98	6		
DUC100H120/6N	473310	100/6000	4.98	12		
DUC200H120/3N	473220	200/3000	5.51	6		
DUC200H120/6N	473320	200/6000	5.51	12		
DUC300H120/3N	473230	300/3000	5.88	6		
DUC300H120/6N	473330	300/6000	5.88	12		
DUC400H120/3N	473240	400/3000	6.24	6		
DUC400H120/6N	473340	400/6000	6.24	12		
DUC500H120/3N	473250	500/3000	6.61	6		
DUC500H120/6N	473350	500/6000	6.61	12		
DUC600H120/3N	473260	600/3000	6.96	6		
DUC600H120/6N	473360	600/6000	6.96	12		

Use:

Routing a cable route.

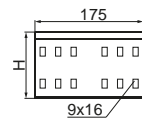
Additional information:

- ladder with rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side
- on large order ladders available in lengths of 2 m and widths of 150 and 250 mm
- in the case of mounting ladders horizontally – rungs to the wall, it is recommended to use ladders with rungs double riveted to the board



Connector **LDCH120N** mat.: S option: F, E, L

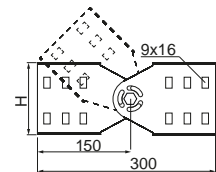
code



Use:
Connecting cable routes

Articulated connector **LG...H120** mat.: S option: F, E, L

code catalogue number dimension H [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 1.5 mm

LGDPH120	483497	124	0.33	30	LGCH120N
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Material thickness = 2.0 mm

LGCH120N	483505	125	0.44	30	LGTH120N
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Material thickness = 3.0 mm

LGTH120N	483506	127	0.67	10	LGCH120N
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Use:
Connecting cable ladders routed at different angles. Full range angle adjustment with locking mechanism.

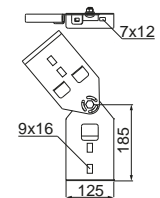
Additional information:

- use 8 sets of SGKM8x14 or SGM8x14 bolts for mounting



Articulated Connector - Attachable **LDD...H120** mat.: S option: F, E, L

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



Material thickness = 1.5 mm

LDDPH120	483496	0.44	30	LDDCH120N
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Material thickness = 2.0 mm

LDDCH120N	483503	0.66	30	LDDTH120N
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Material thickness = 3.0 mm

LDDTH120N	483504	0.97	30	LDDCH120N
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Use:
Connecting elements of a cable route routed at different angles. Angle adjustment from 0-90°. Ability to form a two-level route.

Additional information:

- use 4 sets of SGKM8x14 bolts for mounting when bolting to the side of the ladder board



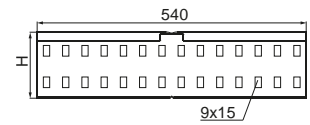


Angle Connector

LKD...H120

mat.: S option: F, E, L

code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

LKDPH120	483495	124	0.98	20	LKDCH120N
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Material thickness = 2.0 mm

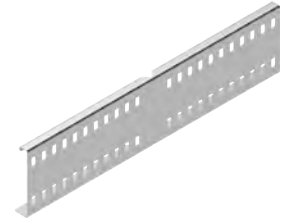
LKDCH120N	483502	125	1.30	20	LKDPH120
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Use:

Connecting cable ladders routed at different angles

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
- the new dense perforation used in the connector guarantees the bolt connection of two ladders cut at any point both at an angle and straight without additional drilling

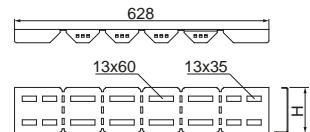


Universal connector

LLUS...H120

mat.: S option: F, E, L

code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

LLUSPH120	431199	124	1.02	10	LLUSH120
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Material thickness = 2.0 mm

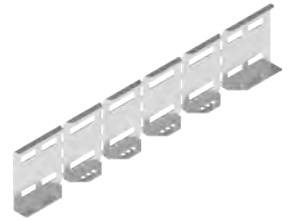
LLUSH120	431200	125	1.36	10	LLUSPH120
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Use:

Forming reducers and bends.

Additional information:

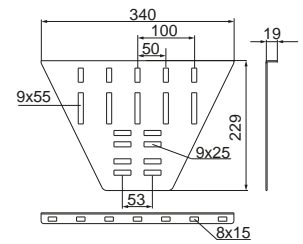
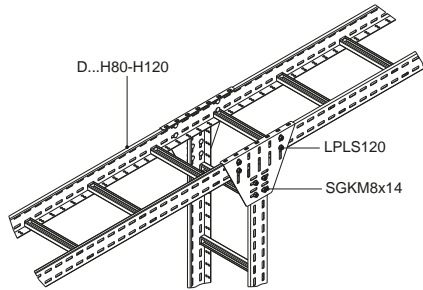
- use SGK8x16 bolts and PW8 washers for mounting
- to reinforce the formed fitting, it is recommended to use the SCP rung...



Vertical Connector	LPLS120	mat.: S	option: F, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 2.0 mm				
LPLS120	405812	0.82	2	

Use:
Connection at any point in the horizontal line of the cable route vertical exit.

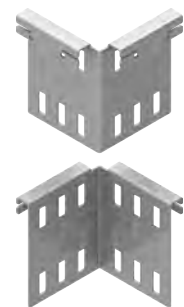
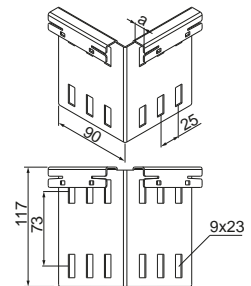
- Additional information:**
- LPLS120 connector fits DK...and DU... ladders with heights of 80 – 120 mm.
 - mounting with bolts SGM8x14 or SGKM8x14



Angle coupler - bendable	LKU...H120	mat.: S	option: F, E, L		
code	catalogue number	dimension a/H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LKUPH120	405720	13/117	0.26	10	LKUCH120
Material thickness = 2.0 mm					
LKUCH120	405721	13/117	0.39	10	LKUPH120

Use:
Quick and easy connection of a new cable route to an existing one at any point.

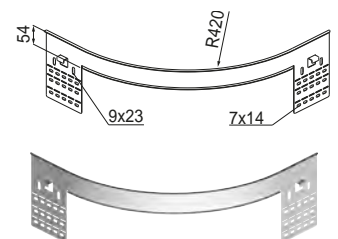
- Additional information:**
- for mounting, we offer 8 sets of SGKM8x14 or SGM8x14 bolts
 - stable and fast mounting anywhere on the ladder without drilling holes



Attachable Connector	LDDK...1	mat.: S	option: F, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm				
LDDKP1	405000	1.10	2	LDDKC1
Material thickness = 2.0 mm				
LDDKC1	405200	1.50	2	LDDKP1

Use:
Branching anywhere in an already existing cable route.

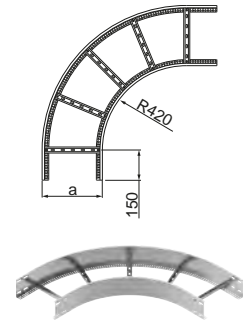
- Additional information:**
- for mounting, we offer 4 sets of SGKM6x12 or SGM6x12 bolts





90° Horizontal Bend **LDP...H120N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LDP100H120N	483610	100	4.28	1	LDC100H120N
LDP200H120N	483620	200	4.96	1	LDC200H120N
LDP300H120N	483630	300	5.63	1	LDC300H120N
LDP400H120N	483640	400	6.30	1	LDC400H120N
LDP500H120N	483650	500	6.97	1	LDC500H120N
LDP600H120N	483660	600	8.07	1	LDC600H120N



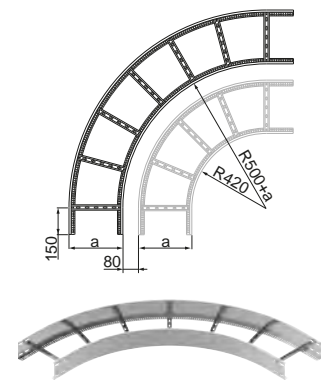
90° Horizontal Bend **LDC...H120N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LDC100H120N	483710	100	5.72	1	LDP100H120N
LDC200H120N	483720	200	6.61	1	LDP200H120N
LDC300H120N	483730	300	7.50	1	LDP300H120N
LDC400H120N	483740	400	8.39	1	LDP400H120N
LDC500H120N	483750	500	9.30	1	LDP500H120N
LDC600H120N	483760	600	10.28	1	LDP600H120N



90° Vertical Bend - External **LDZP...H120N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LDZP100H120N	483810	100	4.92	1	LPDC100H120N
LDZP200H120N	483820	200	6.23	1	LPDC200H120N
LDZP300H120N	483830	300	7.60	1	LPDC300H120N
LDZP400H120N	483840	400	9.13	1	LPDC400H120N
LDZP500H120N	483850	500	10.42	1	LDZC500H120N
LDZP600H120N	483860	600	11.91	1	LDZC600H120N



90° Horizontal Bend - External **LDZC...H120N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LDZC100H120N	483910	100	6.56	1	LDZP100H120N
LDZC200H120N	483920	200	8.30	1	LDZP200H120N
LDZC300H120N	483930	300	10.13	1	LDZP300H120N
LDZC400H120N	483940	400	11.87	1	LDZP400H120N
LDZC500H120N	483950	500	13.59	1	LDZP500H120N
LDZC600H120N	483960	600	15.54	1	LDZP600H120N

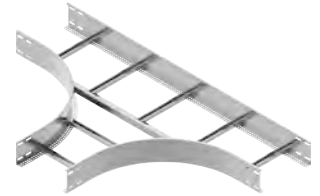
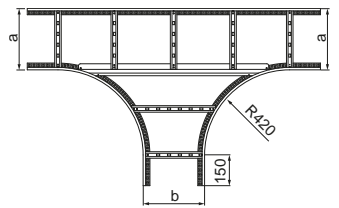
Use:

Changing the direction of the cable route.

Additional information:

- use 4 LDCH... connectors and 32 sets of SGK8x14 or SGM8x14 bolts for mounting

Horizontal Tee		TDP...H120N	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
TDP100H120N	484010	100	6.83	1	TDC100H120N
TDP200H120N	484020	200	7.63	1	TDC200H120N
TDP300H120N	484030	300	8.44	1	TDC300H120N
TDP400H120N	484040	400	9.25	1	TDC400H120N
TDP500H120N	484050	500	10.05	1	TDC500H120N
TDP600H120N	484060	600	10.86	1	TDC600H120N



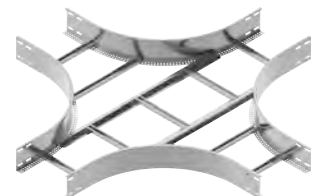
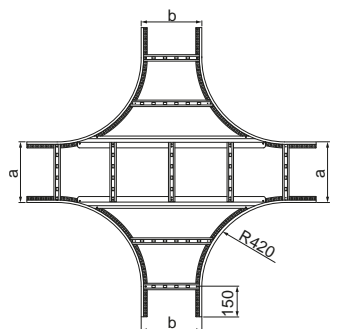
Horizontal Tee		TDC...H120N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
TDC100H120N	484110	100	8.98	1	TDP100H120N
TDC200H120N	484120	200	10.02	1	TDP200H120N
TDC300H120N	484130	300	11.09	1	TDP300H120N
TDC400H120N	484140	400	12.18	1	TDP400H120N
TDC500H120N	484150	500	13.24	1	TDP500H120N
TDC600H120N	484160	600	14.31	1	TDP600H120N

Use:
Cable route branching.

Additional information:

- for non-standard orders specify dimension a and b (if a=400, b=600 the ordered fitting should have the designation TD...400/600/400H...)
- use 6 LDPH... or LDCH... connectors and 48 sets of SGK8x14 or SGM8x14 bolts for mounting

Horizontal Cross-over		CZDP...H120N	mat.: S	option: F, E, L	
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
CZDP100H120N	484210	100	8.96	1	CZDC100H120N
CZDP200H120N	484220	200	9.67	1	CZDC200H120N
CZDP300H120N	484230	300	10.52	1	CZDC300H120N
CZDP400H120N	484240	400	11.38	1	CZDC400H120N
CZDP500H120N	484250	500	12.24	1	CZDC500H120N
CZDP600H120N	484260	600	13.11	1	CZDC600H120N



Horizontal Cross-over		CZDC...H120N	mat.: S	option: F, E, L	
code	catalogue number	dimension a=b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
CZDC100H120N	484310	100	11.95	1	CZDP100H120N
CZDC200H120N	484320	200	12.85	1	CZDP200H120N
CZDC300H120N	484330	300	13.94	1	CZDP300H120N
CZDC400H120N	484340	400	14.03	1	CZDP400H120N
CZDC500H120N	484350	500	15.17	1	CZDP500H120N
CZDC600H120N	484360	600	17.45	1	CZDP600H120N

Use:
Cable route branching.

Additional information:

- for non-standard orders specify dimension a and b (if a=200 and b=400 the ordered fitting should have the designation CZD...200/400/200/400H...)
- use 8 LDCH... connectors and 64 sets of SGK8x14 or SGM8x14 bolts for mounting



Right Reducer

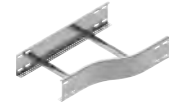
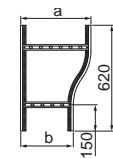
RDPP...H120N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

RDPP200/100H120N	485410	200/100	2.42	1	RDPC200/100H120N
RDPP300/200H120N	485420	300/200	2.59	1	RDPC300/200H120N
RDPP400/300H120N	485430	400/300	2.77	1	RDPC400/300H120N
RDPP500/400H120N	485440	500/400	2.95	1	RDPC500/400H120N
RDPP600/500H120N	485450	600/500	3.01	1	RDPC600/500H120N



Right Reducer

RDPC...H120N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

RDPC200/100H120N	485510	200/100	3.22	1	RDPP200/100H120N
RDPC300/200H120N	485520	300/200	3.45	1	RDPP300/200H120N
RDPC400/300H120N	485530	400/300	3.69	1	RDPP400/300H120N
RDPC500/400H120N	485540	500/400	3.93	1	RDPP500/400H120N
RDPC600/500H120N	485550	600/500	4.14	1	RDPP600/500H120N



Left Reducer

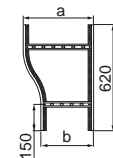
RDLP...H120N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

RDLP200/100H120N	485210	200/100	2.42	1	RDLC200/100H120N
RDLP300/200H120N	485220	300/200	2.59	1	RDLC300/200H120N
RDLP400/300H120N	485230	400/300	2.77	1	RDLC400/300H120N
RDLP500/400H120N	485240	500/400	2.95	1	RDLC500/400H120N
RDLP600/500H120N	485250	600/500	3.01	1	RDLC600/500H120N



Left Reducer

RDLC...H120N

mat.: S option: F, E, L

code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
------	------------------	--------------------	-------------------	-----------------------------	------------

Material thickness = 2.0 mm

RDLC200/100H120N	485310	200/100	3.22	1	RDLP200/100H120N
RDLC300/200H120N	485320	300/200	3.45	1	RDLP300/200H120N
RDLC400/300H120N	485330	400/300	3.69	1	RDLP400/300H120N
RDLC500/400H120N	485340	500/400	3.93	1	RDLP500/400H120N
RDLC600/500H120N	485350	600/500	4.14	1	RDLP600/500H120N

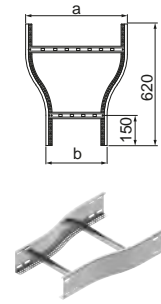
Use:

Changing the width of the cable route.

Additional information:

- for non-standard orders specify dimension a and b
- use 4 LDCH... connectors and 32 sets of SGKM8x14 or SGM8x14 bolts for mounting

Straight Reducer		RDSP...H120N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
RDSP200/100H120N	485020	200/100	2.44	1	RDSC200/100H120N	
RDSP300/200H120N	485030	300/200	2.61	1	RDSC300/200H120N	
RDSP400/300H120N	485040	400/300	2.79	1	RDSC400/300H120N	
RDSP500/400H120N	485050	500/400	2.97	1	RDSC500/400H120N	
RDSP600/500H120N	485060	600/500	3.03	1	RDSC600/500H120N	



Straight Reducer		RDSC...H120N	mat.: S	option: F, E, L		
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
RDSC200/100H120N	485120	200/100	3.25	1	RDSP200/100H120N	
RDSC300/200H120N	485130	300/200	3.48	1	RDSP300/200H120N	
RDSC400/300H120N	485140	400/300	3.72	1	RDSP400/300H120N	
RDSC500/400H120N	485150	500/400	3.96	1	RDSP500/400H120N	
RDSC600/500H120N	485160	600/500	4.17	1	RDSP600/500H120N	

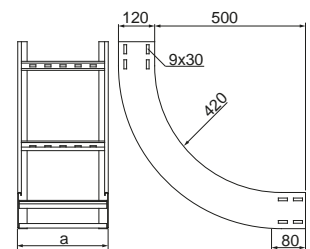
Use:

Changing the width of the cable route.

Additional information:

- for non-standard orders specify dimension a and b
- use 4 LDCH... connectors and 32 sets of SGK8x14 or SGM8x14 bolts for mounting

90° Vertical Bend - Internal		LPDWP...H120N	mat.: S	option: F, E, L		
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
LPDWP100H120N	484410	100	3.55	1	LPDWC100H120N	
LPDWP200H120N	484420	200	3.91	1	LPDWC200H120N	
LPDWP300H120N	484430	300	4.31	1	LPDWC300H120N	
LPDWP400H120N	484440	400	4.67	1	LPDWC400H120N	
LPDWP500H120N	484450	500	5.07	1	LPDWC500H120N	
LPDWP600H120N	484460	600	5.47	1	LPDWC600H120N	



90° Vertical Bend - Internal		LPDWC...H120N	mat.: S	option: F, E, L		
code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
LPDWC100H120N	484510	100	4.61	1	LPDWP100H120N	
LPDWC200H120N	484520	200	4.97	1	LPDWP200H120N	
LPDWC300H120N	484530	300	5.37	1	LPDWP300H120N	
LPDWC400H120N	484540	400	5.73	1	LPDWP400H120N	
LPDWC500H120N	484550	500	6.13	1	LPDWP500H120N	
LPDWC600H120N	484560	600	6.53	1	LPDWP600H120N	



Use:

Changing the direction of the cable route.

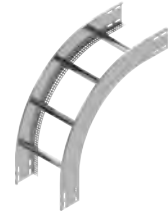
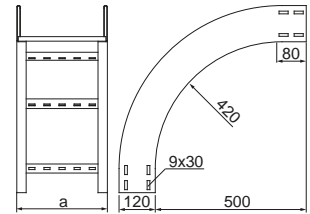
Additional information:

- use 4 LDCH... connectors and 32 sets of SGK8x14 or SGM8x14 bolts for mounting



90° Vertical Bend - External **LPDZP...H120N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDZP100H120N	484610	100	3.55	1	LPDZC100H120N
LPDZP200H120N	484620	200	3.91	1	LPDZC200H120N
LPDZP300H120N	484630	300	4.31	1	LPDZC300H120N
LPDZP400H120N	484640	400	4.67	1	LPDZC400H120N
LPDZP500H120N	484650	500	5.07	1	LPDZC500H120N
LPDZP600H120N	484660	600	5.47	1	LPDZC600H120N



90° Vertical Bend - External **LPDZC...H120N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDZC100H120N	484710	100	4.61	1	LPDZP100H120N
LPDZC200H120N	484720	200	4.97	1	LPDZP200H120N
LPDZC300H120N	484730	300	5.37	1	LPDZP300H120N
LPDZC400H120N	484740	400	5.73	1	LPDZP400H120N
LPDZC500H120N	484750	500	6.13	1	LPDZP500H120N
LPDZC600H120N	484760	600	6.53	1	LPDZP600H120N



Use:

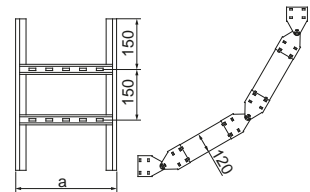
Changing the direction of the cable route.

Additional information:

- use 4 LDCH... connectors and 32 sets of SGK8x14 or SGM8x14 bolts for mounting

Adjustable Vertical Bend **LPDP...H120N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDP100H120N	484810	100	7.20	1	LPDC100H120N
LPDP200H120N	484820	200	7.58	1	LPDC200H120N
LPDP300H120N	484830	300	7.90	1	LPDC300H120N
LPDP400H120N	484840	400	8.30	1	LPDC400H120N
LPDP500H120N	484850	500	8.73	1	LPDC500H120N
LPDP600H120N	484860	600	9.13	1	LPDC600H120N



Adjustable Vertical Bend **LPDC...H120N** mat.: S option: F, E, L

code	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDC100H120N	484910	100	8.91	1	LPDP100H120N
LPDC200H120N	484920	200	9.42	1	LPDP200H120N
LPDC300H120N	484930	300	9.95	1	LPDP300H120N
LPDC400H120N	484940	400	10.45	1	LPDP400H120N
LPDC500H120N	484950	500	10.95	1	LPDP500H120N
LPDC600H120N	484960	600	11.47	1	LPDP600H120N

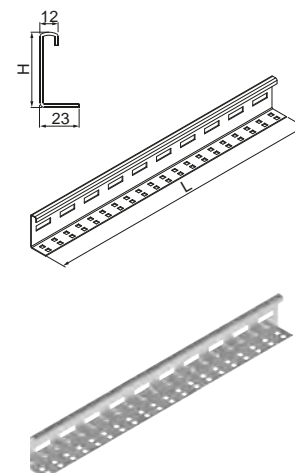
Use:

Changing the direction of the cable route.

Additional information:

- use 16 sets of SGK8x14 or SGM8x14 bolts for mounting

Ladder Side	BDP...N	mat.: S	option: F, E, L	
code	catalogue number	dimension H/L [mm]	weight 1 m [kg]	quantity per package [m]
Material thickness = 1.5 mm				
BDPH45/3N	440501	45/3000	0.81	3
BDPH45/6N	440601	45/6000	0.81	6
BDPH50/3N	450501	50/3000	0.86	3
BDPH60/3N	460501	60/3000	0.98	3
BDPH60/6N	460601	60/6000	0.98	6
BDPH80/3N	480501	80/3000	1.19	3
BDPH100/3N	410501	100/3000	1.40	3
BDPH100/6N	410601	100/6000	1.40	6
BDPH120/3N	430401	120/3000	1.61	3
BDPH120/6N	430501	120/6000	1.61	6



Ladder Side	BDC...N	mat.: S	option: F, E, L	
code	catalogue number	dimension H/L [mm]	weight 1 m [kg]	quantity per package [m]
Material thickness = 2.0 mm				
BDCH45/3N	440502	45/3000	1.08	3
BDCH45/6N	440602	45/6000	1.08	6
BDCH50/3N	450502	50/3000	1.15	3
BDCH60/3N	460502	60/3000	1.30	3
BDCH60/6N	460602	60/6000	1.30	6
BDCH80/3N	480502	80/3000	1.58	3
BDCH100/3N	410502	100/3000	1.87	3
BDCH100/6N	410602	100/6000	1.87	6
BDCH120/3N	490202	120/3000	2.06	3
BDCH120/6N	490302	120/6000	2.06	6

Use:

For self-mounting ladders complete with rungs, in areas with limited access.

Additional information:

- on large order ladder sides with a length of 2 m
- option E - only for sections up to 3 m - design with less frequent perforation in the bottom of the ladder side

Protective Cap (set)	NO...N	mat.: PE	quantity per package [pcs.]
NO45N	440000		100
NO50N	450001		100
NO60N	460001		100
NO80N	480001		100
NO100N	410001		100
NO120N	412000		100

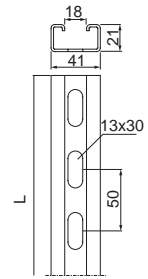


Use:

Protection of the assembler from injury from the steel edges of the sides of the ladder, improving visual aspect.



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	

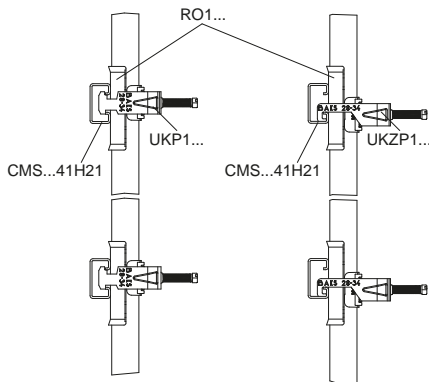


Use:

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



Protective cap	NOW40x22	mat.: PE		
code	catalogue number		quantity per package [pcs.]	
NOW40x22	760100		100	



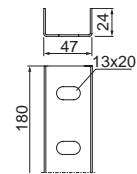
Use:

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

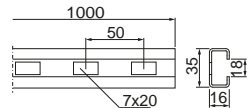
Connector	LCMM41H21	mat.: S	option: F, E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.5 mm			
LCMM41H21	644122	0.35	100



Use:
Connecting CM...41H21 channels.



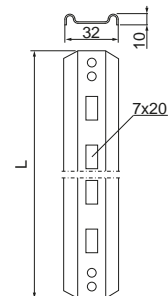
Rung	SCP1000	mat.: S	option: F, E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm			
SCP1000	403911	0.96	10



Use:
Additional support of the connection of two ladders. Reinforcement of fittings formed with LLUSH... and LUSH... connectors



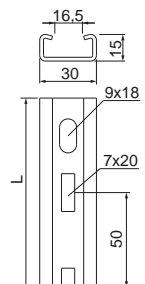
Rung	SLP...	mat.: S	option: F, E, L	
code	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.2 mm				
SLP100	404010	95	0.05	50
SLP200	404020	195	0.11	50
SLP300	404030	295	0.16	50
SLP400	404040	395	0.22	50
SLP500	404050	495	0.27	30
SLP600	404060	595	0.32	30
SLP800	404080	795	0.43	10
SLP1000	404011	1000	0.54	10
SLP1500	404016	1500	0.81	10
SLP2000	404021	2000	1.08	10



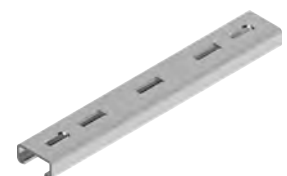
Use:
For self-mounting ladders complete with ladder sides, in areas with limited access.



Rung	SDOC...	mat.: S	option: F, E, L	
code	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm				
SDOC100	800110	90	0.08	50
SDOC200	800120	190	0.17	50
SDOC300	800130	290	0.26	50
SDOC400	800140	390	0.35	30
SDOC500	800150	490	0.44	30
SDOC600	800160	590	0.53	20
SDOC800	800180	790	0.71	10
SDOC1000	800190	990	0.89	10

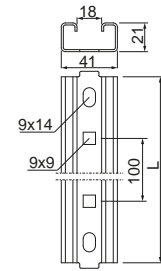


Use:
Fixing electrical cables directly on the wall vertically or horizontally and on the ceiling using UK1/UKO1..., UK2/UKO2 or UKP... cable clamps

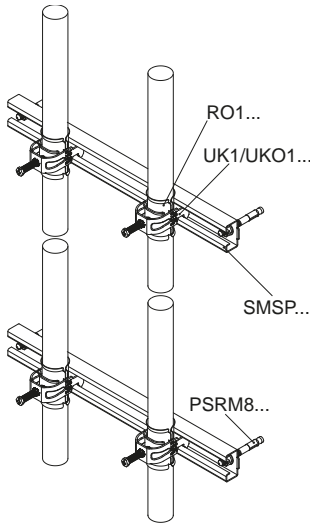




Rung	SMSP...	mat.: S	option: F, E, L		
code	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 1.5 mm					
SMSP200	801120	190	0.23	50	
SMSP300	801130	290	0.35	50	
SMSP400	801140	390	0.47	30	
SMSP500	801150	490	0.59	30	
SMSP600	801160	590	0.71	30	



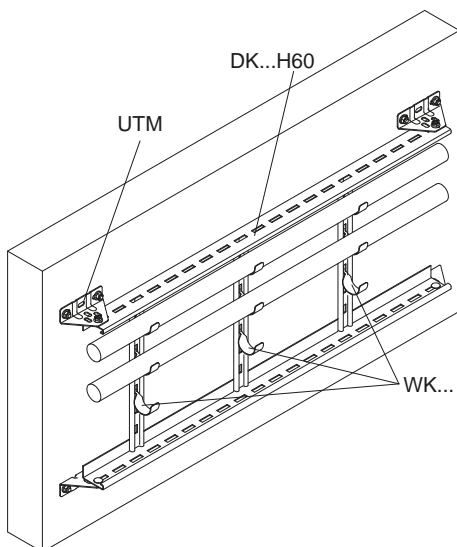
Use:
Fixing electrical cables directly on the wall vertically or horizontally and on the ceiling with UK..., UKP..., UKZ... or UKZP... cable clamps



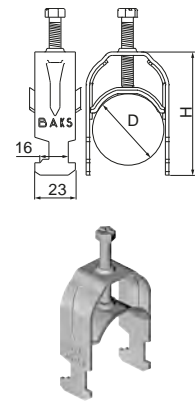
Cable hanger	WK...	mat.: FP	option: E		
code	catalogue number	dimension D [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
WK20	400100	20	0.02	100	
WK25	400200	25	0.02	100	
WK35	400300	35	0.02	100	
WK40	400400	40	0.03	100	
WK50	400500	50	0.04	100	
WK60	400600	60	0.04	100	



Use:
Suspending cables in ladders DKD, DKP, DKC mounted horizontally with the bottom to the wall.



Cable Clip		UK1/UKO1...	mat.: FP	option: E	
code	catalogue number	dimension $D_{min}/D_{max}/H$ [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
UK1/UKO1/8-12	404200	8/12/39	0.03	150	
UK1/UKO1/12-16	404300	12/16/43	0.04	150	
UK1/UKO1/16-22	402300	16/22/52	0.05	150	
UK1/UKO1/22-28	402400	22/28/59	0.06	150	
UK1/UKO1/28-34	402500	28/34/64	0.07	100	
UK1/UKO1/34-40	402600	34/40/70	0.08	100	
UK1/UKO1/40-46	402700	40/46/79	0.10	100	
UK1/UKO1/46-52	402800	46/52/90	0.11	100	
UK1/UKO1/52-58	402850	52/58/95	0.12	100	
UK1/UKO1/58-64	402900	58/64/99	0.13	100	
UK1/UKO1/64-70	404000	64/70/105	0.14	100	

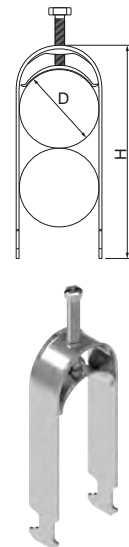


Use:
Cable mounting for DF..., DU..., DS... ladders, vertical ladders, SDOC..., SMSP... rungs as well as CMS...41H21 channels.

Additional information:

- RO1 protective trays are recommended

Cable Clip		UK2/UKO2...	mat.: FP	option: E	
code	catalogue number	dimension $D_{min}/D_{max}/H$ [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
UK2/UKO2/8-12	403702	8/12/70	0.05	100	
UK2/UKO2/12-16	403703	12/16/74	0.05	100	
UK2/UKO2/16-22	403000	16/22/80	0.07	100	
UK2/UKO2/22-28	403100	22/28/90	0.09	100	
UK2/UKO2/28-34	403200	28/34/105	0.10	100	
UK2/UKO2/34-40	403300	34/40/118	0.12	100	
UK2/UKO2/40-46	403400	40/46/132	0.15	50	
UK2/UKO2/46-52	403500	46/52/149	0.16	50	
UK2/UKO2/52-58	403701	52/58/158	0.18	50	
UK2/UKO2/58-64	403600	58/64/163	0.20	50	
UK2/UKO2/64-70	403700	64/70/169	0.18	50	

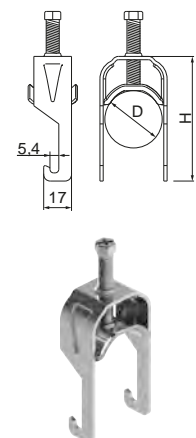


Use:
Cable mounting for DF..., DU..., DS... ladders, vertical ladders, SDOC..., SMSP... rungs as well as CMS...41H21 channels.

Additional information:

- RO1 protective trays are recommended
- SUK cable separators are recommended...

Cable Clamp		UKZ1/UKZO1...	mat.: FP	option: E	
code	catalogue number	dimension $D_{min}/D_{max}/H$ [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
UKZ1/UKZO1/8-12	400980	8/12/42	0.03	100	
UKZ1/UKZO1/12-16	400990	12/16/46	0.03	100	
UKZ1/UKZO1/16-22	400900	16/22/62	0.04	100	
UKZ1/UKZO1/22-28	401000	22/28/69	0.06	100	
UKZ1/UKZO1/28-34	401100	28/34/76	0.07	100	
UKZ1/UKZO1/34-40	401200	34/40/82	0.08	100	
UKZ1/UKZO1/40-46	401300	40/46/91	0.09	100	
UKZ1/UKZO1/46-52	401400	46/52/102	0.10	100	
UKZ1/UKZO1/52-58	401601	52/58/107	0.11	100	
UKZ1/UKZO1/58-64	401500	58/64/111	0.12	100	
UKZ1/UKZO1/64-70	401501	64/70/117	0.13	100	



Use:
Cable mounting for DK... ladders, KDS..., KSG..., KCS... mesh trays and KSP..., KSC..., KST... self-supporting trays, as well as CMS...41H21 channels

Additional information:

- RO1 protective trays are recommended

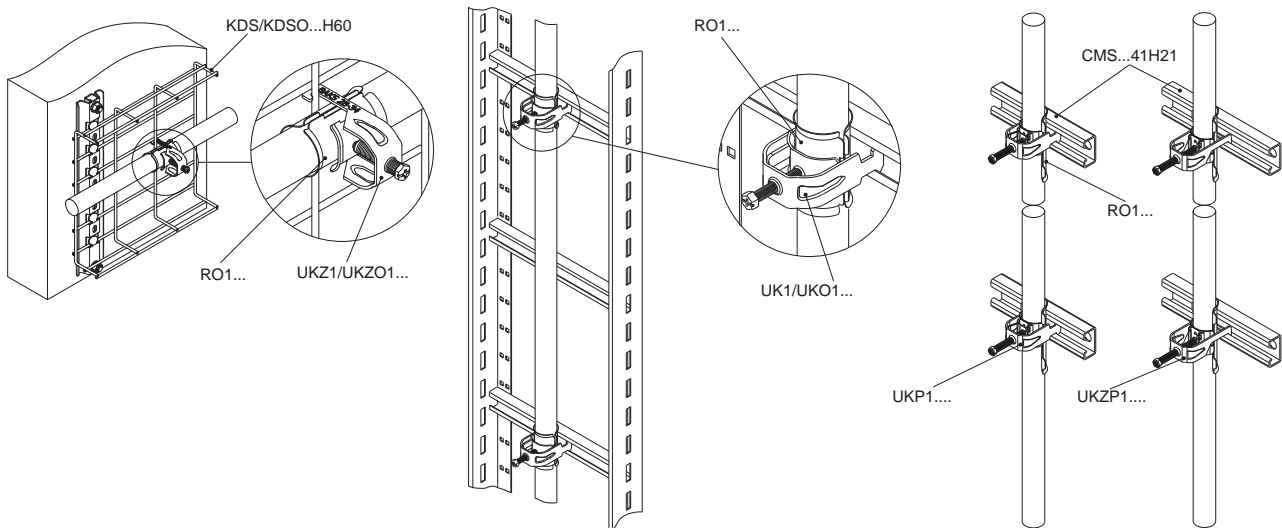


Cable Protection Piece		RO1...	mat.: FP	option: E	
code	catalogue number	use with	weight 1 pc. [kg]	quantity per package [pcs.]	
RO1/16-22	801500	UK1/UKO1/16-22; UKZ1/UKZO1/16-22	0.02	100	
RO1/22-28	801600	UK1/UKO1/22-28; UKZ1/UKZO1/22-28	0.02	100	
RO1/28-34	801700	UK1/UKO1/28-34; UKZ1/UKZO1/28-34	0.03	100	
RO1/34-40	801800	UK1/UKO1/34-40; UKZ1/UKZO1/34-40	0.03	100	
RO1/40-46	801900	UK1/UKO1/40-46; UKZ1/UKZO1/40-46	0.03	100	
RO1/46-52	802000	UK1/UKO1/46-52; UKZ1/UKZO1/46-52	0.04	100	
RO1/52-58	802201	UK1/UKO1/52-58; UKZ1/UKZO1/52-58	0.04	100	
RO1/58-64	802100	UK1/UKO1/58-64; UKZ1/UKZO1/58-64	0.05	100	
RO1/64-70	802300	UK1/UKO1/64-70; UKZ1/UKZO1/64-70	0.05	100	

Use:
Additional protection for fixed cables.

Additional information:

- it is recommended to use a minimum of one protective tray when mounting the cable with the UKZ1... cable clamp on the side of wires in mesh trays
- it is recommended to use a minimum of one protective tray when mounting the cable with the UK1... or UKZ1... cable clamp (on the side of rungs in cable ladders)



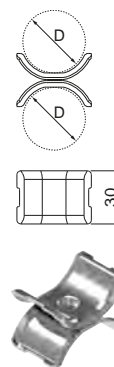
Cable Clamp		UKZ2...	mat.: FP	option: E	
code	catalogue number	dimension D _{min} /D _{max} /H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
UKZ2/8-12	401551	8/12/74	0.05	100	
UKZ2/12-16	401552	12/16/78	0.05	100	
UKZ2/16-22	401600	16/22/84	0.06	100	
UKZ2/22-28	401700	22/28/97	0.09	100	
UKZ2/28-34	401800	28/34/110	0.10	100	
UKZ2/34-40	401900	34/40/125	0.12	100	
UKZ2/40-46	402000	40/46/137	0.13	50	
UKZ2/46-52	402100	46/52/154	0.15	50	
UKZ2/52-58	402301	52/58/165	0.16	50	
UKZ2/58-64	402200	58/64/175	0.17	50	
UKZ2/64-70	402201	64/70/181	0.18	50	

Use:
Cable mounting for DK... ladders, KDS..., KSG..., KCS... mesh trays and KSP..., KSC..., KST... self-supporting trays, as well as CMS...41H21 channels

Additional information:

- RO1 protective trays are recommended
- SUK cable separators are recommended...

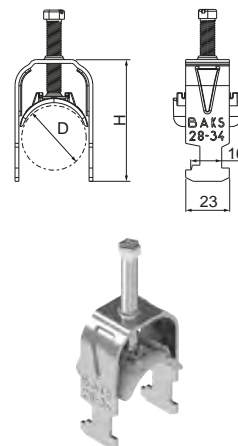
Cable separator	SUK2...	mat.: FP	option: E	
code	catalogue number	dimension D _{min} /D _{max} [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
SUK2/8-12	801448	8/12	0.01	100
SUK2/12-16	801449	12/16	0.02	100
SUK2/16-22	801501	16/22	0.02	100
SUK2/22-28	801601	22/28	0.02	100
SUK2/28-34	801701	28/34	0.03	100
SUK2/34-40	801801	34/40	0.03	100
SUK2/40-46	802101	40/46	0.03	100
SUK2/46-52	802001	46/52	0.03	100
SUK2/52-58	802202	52/58	0.04	100
SUK2/58-64	802203	58/64	0.04	100
SUK2/64-70	802204	64/70	0.04	100



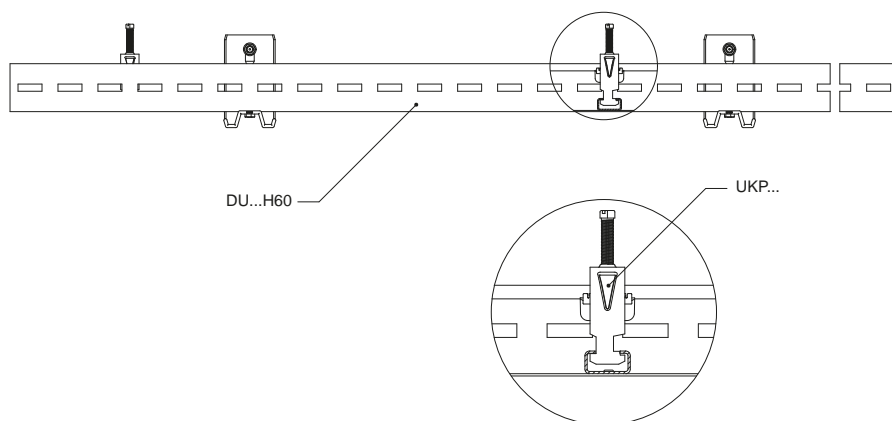
Use:
Separation of cables mounted in UK/UKO2... and UKZ/UKZO2... clamps

- Additional information:**
- safe cable clamping
 - more stable mounting

Cable holder with plastic shell	UKP1...	mat.: FP	option: E	
code	catalogue number	dimension D _{min} /D _{max} /H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
UKP1/8-12	425843	8/12/39	0.03	150
UKP1/12-16	425844	12/16/43	0.04	150
UKP1/16-22	425845	16/22/52	0.05	150
UKP1/22-28	425846	22/28/59	0.06	150
UKP1/28-34	425847	28/34/64	0.07	100
UKP1/34-40	425848	34/40/70	0.08	100
UKP1/40-46	425849	40/46/79	0.10	100
UKP1/46-52	425850	46/52/90	0.11	100
UKP1/52-58	425851	52/58/95	0.12	100
UKP1/58-64	425852	58/64/99	0.13	100
UKP1/64-70	425853	64/70/105	0.14	100



Use:
Cable mounting for DF..., DU..., DS... ladders, vertical ladders, SDOC..., SMSP... rungs as well as CMS...41H21 channels.





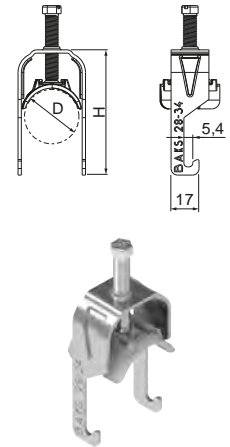
Cable Clamp with plastic scales

UKZP1...

mat.: FP

option: E

code	catalogue number	dimension $D_{min}/D_{max}/H$ [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
UKZP1/8-12	425865	8/12/42	0.03	150
UKZP1/12-16	425866	12/16/46	0.03	150
UKZP1/16-22	425867	16/22/62	0.04	150
UKZP1/22-28	425868	22/28/69	0.06	150
UKZP1/28-34	425869	28/34/76	0.07	100
UKZP1/34-40	425870	34/40/82	0.08	100
UKZP1/40-46	425871	40/46/91	0.09	100
UKZP1/46-52	425872	46/52/102	0.10	100
UKZP1/52-58	425873	52/58/107	0.11	100
UKZP1/58-64	425874	58/64/111	0.12	100
UKZP1/64-70	425875	58/64/117	0.13	100



Use:

Cable mounting for DK... ladders, KDS..., KSG..., KCS... mesh trays and KSP..., KSC..., KST... self-supporting trays, as well as CMS...41H21 channels



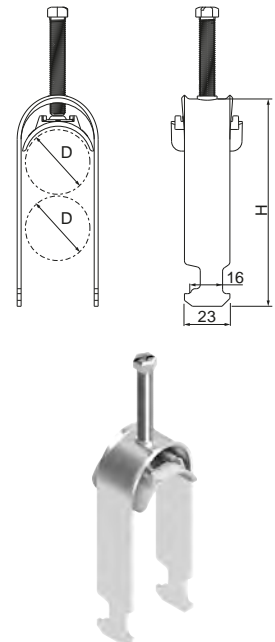
Cable holder with plastic shell

UKP2...

mat.: FP

option: E

code	catalogue number	dimension $D_{min}/D_{max}/H$ [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
UKP2/8-12	425854	8/12/70	0.07	100
UKP2/12-16	425855	12/16/76	0.07	100
UKP2/16-22	425856	16/22/80	0.07	100
UKP2/22-28	425857	22/28/90	0.09	100
UKP2/28-34	425858	28/34/105	0.10	100
UKP2/34-40	425859	34/40/118	0.12	100
UKP2/40-46	425860	40/46/132	0.15	50
UKP2/46-52	425861	46/52/149	0.16	50
UKP2/52-58	425862	52/58/158	0.18	50
UKP2/58-64	425863	58/64/164	0.19	50
UKP2/64-70	425864	64/70/170	0.20	50

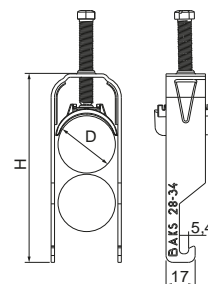


Use:

Cable mounting for DF..., DU..., DS... ladders, vertical ladders, SDOC..., SMSP... rungs as well as CMS...41H21 channels.

Cable Clamp with plastic scales **UKZP2...** mat.: FP option: E

code	catalogue number	dimension D _{min} /D _{max} /H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
UKZP2/8-12	425876	8/12/74	0.05	100
UKZP2/12-16	425877	12/16/78	0.05	100
UKZP2/16-22	425878	16/22/84	0.06	100
UKZP2/22-28	425879	22/28/97	0.09	100
UKZP2/28-34	425880	28/34/110	0.10	100
UKZP2/34-40	425881	34/40/125	0.12	100
UKZP2/40-46	425882	40/46/137	0.13	50
UKZP2/46-52	425883	46/52/154	0.15	50
UKZP2/52-58	425884	52/58/165	0.16	50
UKZP2/58-64	425885	58/64/175	0.17	50
UKZP2/64-70	425886	64/70/181	0.18	50



Use:

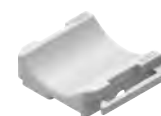
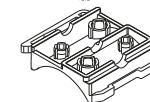
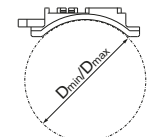
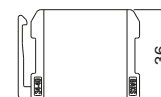
Cable mounting for DK... ladders, KDS..., KSG..., KCS... mesh trays and KSP..., KSC..., KST... self-supporting trays, as well as CMS...41H21 channels

Additional information:

- bracket shell is made of polyethylene
- RO1 protective trays are recommended
- SUKP... cable separators are recommended

Cable separator **SUKP...** mat.: PP

code	catalogue number	dimension D _{min} /D _{max} [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
SUKP/8-12	803250	8/12	0.02	100
SUKP/12-16	803251	12/16	0.02	100
SUKP/16-22	803252	16/22	0.02	100
SUKP/22-28	803253	22/28	0.02	100
SUKP/28-34	803254	28/34	0.03	100
SUKP/34-40	803255	34/40	0.03	100
SUKP/40-46	803256	40/46	0.03	100
SUKP/46-52	803257	46/52	0.03	100
SUKP/52-58	803258	52/58	0.04	100
SUKP/58-64	803259	58/64	0.04	100
SUKP/64-70	803260	64/70	0.04	100



Use:

Separation of cables mounted in all BAKS type UK... cable clamps

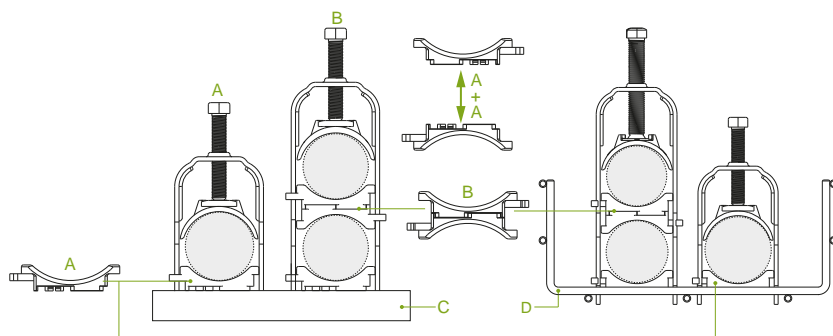
Additional information:

- protection of cables from damage when pressing against supporting elements (e.g., the rung of the cable ladder or the wires of the mesh tray)
- safe cable clamping
- more stable mounting
- visually pleasant installation
- low price

Diagram showing 2 applications of the separator:

A - separation of the cable from the bottom of the supporting element (cable ladder rung, - **C**, self-supporting ladder - **C**, self-supporting tray, wire mesh tray - **D**)

B - separation between the cables using 2 elements permanently connected to each other by means of special clamps





Hold Down Clamp

ZM/ZMO

mat.: S option: FP, E, L

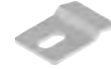
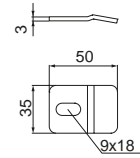
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 3.0 mm

ZM/ZMO	400700	0.04	100
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Use:

Mounting ladders to support structures.



Hold Down Clamp

ZMW

mat.: S option: FP, E, L

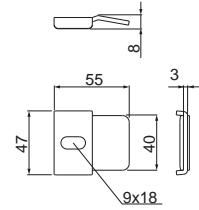
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 3.0 mm

ZMW	400800	0.05	100	ZM/ZMO
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Use:

Mounting ladders to wall brackets and channels with the width of 40-41 mm.



Hold Down Clamp

ZMV

mat.: FP option: E, L

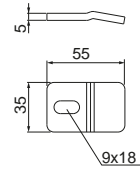
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 5.0 mm

ZMV	400701	0.06	100
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Use:

Mounting trays and ladders to wall brackets and I-beam support structures.



Angle Bracket for Cable Ladder

LCKD

mat.: FP option: F, E, L

code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 4.0 mm

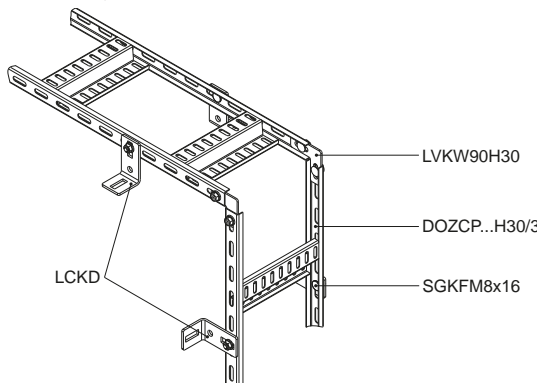
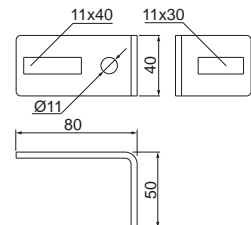
LCKD	461005	0.31	10
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Use:

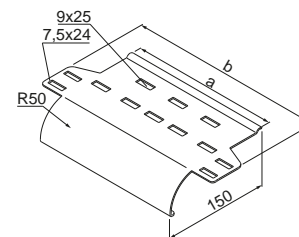
Mounting cable ladders vertically and horizontally flat to the wall.

Additional information:

- mounting with M8x16 bolts



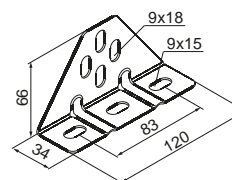
Drop-Out Plate		ZDKU...	mat.: S	option: F, E, L	
code	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 2.0 mm					
ZDKU200	406212	120/192	0.31	20	
ZDKU300	406213	220/292	0.71	20	
ZDKU400	406214	320/392	1.05	10	
ZDKU500	406215	420/492	1.32	4	
ZDKU600	406216	520/592	1.60	4	



Use:
Protection of cables from damage when descending from cable ladders, cable trays and self-supporting ladders, as well as trays of the outdoor heavy system.

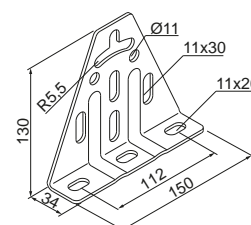
Additional information:
– for mounting, we offer SGKFM... or SGFM... bolts

Fastening Bracket		UTM/UTMO	mat.: S	option: F, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]		
Material thickness = 2.0 mm					
UTM/UTMO	751700	0.17	100		



Use:
Installing trays and ladders at the proper distance from the wall. Mounting vertical ladders.

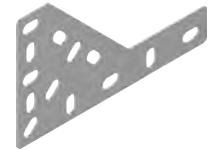
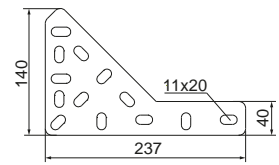
Fastening Bracket		UT	mat.: S	option: F, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]		
Material thickness = 2.0 mm					
UT	751600	0.23	50		



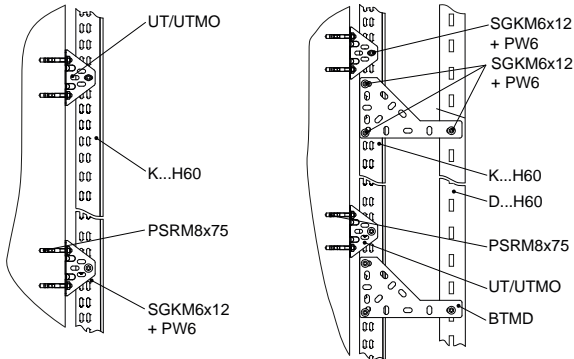
Use:
Installing trays and ladders at the proper distance from the wall. Mounting vertical ladders.



code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
BTMD	751801	0.24	50



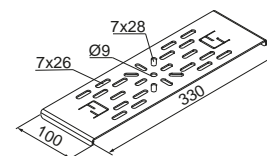
Use:
Mounting ladders on 2 levels.



Mounting Plate For Ladder Rung BPSD

mat.: S option: F, E, L

code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 2.0 mm

BPSD	406001	0.48	100
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Use:

Mounting boxes to the ladder on its rungs.

Additional information:

- quick and universal mounting for ladders with three types of rungs: DK... ,DU... and DS...
- screwless mounting on rungs

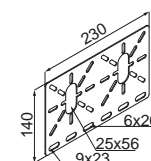


Mounting Plate BPP

BPP

mat.: S option: F, E, L

code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 1.2 mm

BPP	100300	0.24	50
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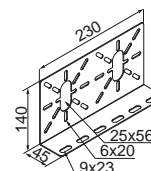


Mounting Plate BKP

BKP

mat.: S option: F, E, L

code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 1.2 mm

BKP	100500	0.32	50
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Use:

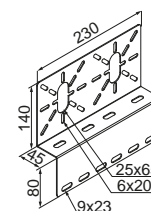
Mounting boxes to trays, ladders and sections.

Mounting Plate BZP

BZP

mat.: S option: F, E, L

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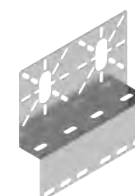


Material thickness = 1.2 mm

BZP	100700	0.40	50	BPP
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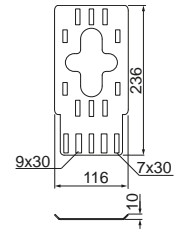
Use:

Mounting boxes to trays, ladders and sections.

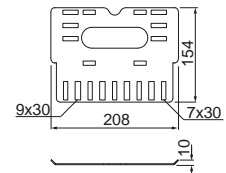




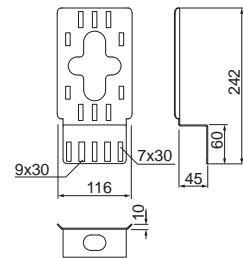
Mounting Plate	UPUPN	mat.: S	option: F, E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm			
UPUPN	951003	0.19	50



Mounting Plate	UPUN	mat.: S	option: F, E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm			
UPUN	951004	0.25	10



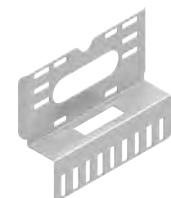
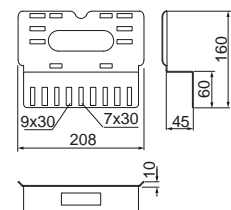
Mounting Plate	UPZUPN	mat.: S	option: F, E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm			
UPZUPN	951005	0.34	10



Use:
Mounting boxes to cable trays and ladders. The bracket fits PMO1, PMO2, PMPO and PMKO boxes.

Additional information:
– use SGKM6x12 or SGM6x12 bolt to mount the box on the plate

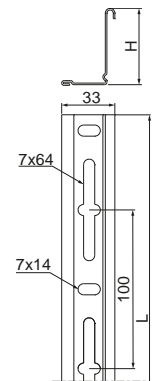
Mounting Plate	UPZUN	mat.: S	option: F, E, L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm			
UPZUN	951006	0.34	10



Use:
Mounting boxes to cable trays and ladders. The bracket fits PMO1, PMO2, PMPO and PMKO boxes.

Additional information:
– use SGKM6x12 or SGM6x12 bolt to mount the box on the plate

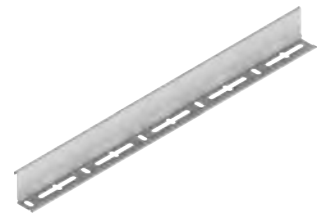
Barrier Strip		PG...N	mat.: S	option: F, E, L	
code	catalogue number	dimension H/L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]	substitute
Material thickness = 0.5 mm					
PGR30/3N	130209	27/3000	0.25	10/30	
PGR40/3N	140209	37/3000	0.29	10/30	PGL40/3N
Material thickness = 0.7 mm					
PGL40/3N	140409	39/3000	0.42	10/30	
PGL60/3N	160209	57/3000	0.54	10/30	
Material thickness = 1.0 mm					
PGJ80/3N	180409	77/3000	0.90	10/30	
PGJ100/3N	110409	97/3000	1.07	10/30	



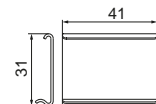
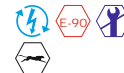
Use:
Longitudinal division of the cable route.

Additional information:

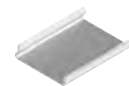
- selection of partitions for cable ladders: H45, H50 - PGR30/3N H60 - PGR40/3N, PGL40/3N H80 - PGL60/3N H100 - PGJ80/3N H120 - PGJ100/3N
- use SGK6x16 bolts for mounting to the DK... ladder, SGK6x22 bolts for DU... ladder



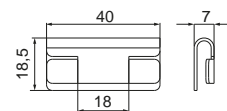
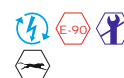
Barrier Strip Connector - Bottom LPD		mat.: G	option: FP, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	
LPD	192000	0.01	100	



Use:
Alignment of the bottom edges of the connected partitions. Protection of cables from damage when routing and pulling.



Barrier Strip Connector - Top LPG		mat.: G	option: FP, E, L	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	
LPG	191000	0.01	100	



Use:
Alignment of the top edges of the connected partitions. Protection of cables from damage when routing and pulling.



Protection Cap for Barrier Strip (set) NOPK...		mat.: PE		
code	catalogue number	quantity per package [set]		
NOPK60	450060	100		
NOPK100	450100	100		



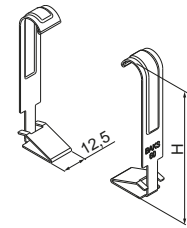
Use:
Protection of sharp edges.

Additional information:

- Protection of the fitter from injury from steel edges
- protection of cables during pulling
- visual aspect improvement



Universal clamp	ZAPU...	mat.: E		
code	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 0.7 mm				
ZAPUH50	146360	55	0.01	50
ZAPUH60	146000	72	0.01	50
ZAPUH80	146380	92	0.02	50
ZAPUH100	146400	112	0.02	50
ZAPUH120	146600	132	0.02	50

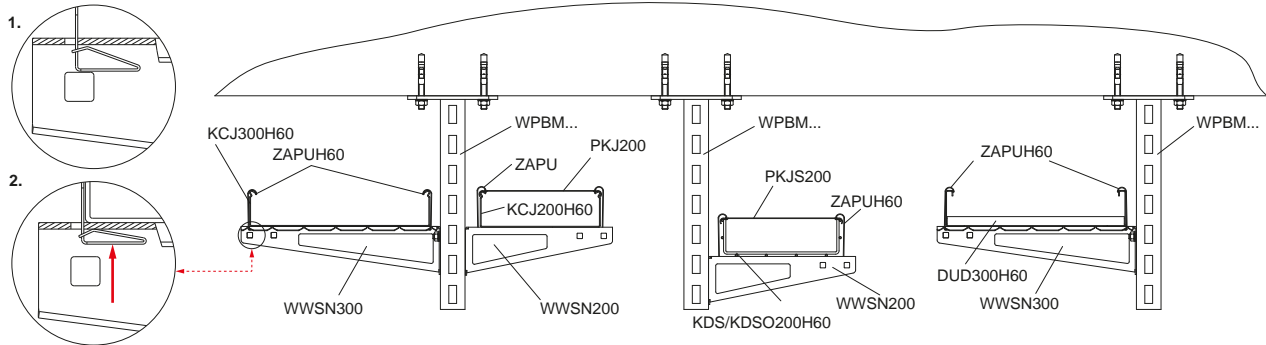


Use:

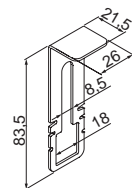
Screwless mounting cable trays, mesh trays and cable ladders on the WWSN wall bracket...

Additional information:

- quick and stable mounting
- adapted for screwless mounting cable routes on WWSN... wall brackets
- possibility to mount cable routes on other wall brackets according to the rule: length of wall bracket = width of cable route + 50 mm or 100 mm
- fits BAKS wall brackets with holes 7-11 mm in width and min. 18 mm in length (WWSR..., WWS/WWSO..., WZS..., WSZN..., WWB... or WWBM...)
- product made of stainless spring steel
- [English]: pasuje do drabinek kablowych bez pokryw typu DK..H45-H120 i DU...H45-H120



Cover Clamp	ZAP2	mat.: S		option: L
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 1.5 mm				
ZAP2	140900	0.04	100	



Additional information:

- mounting with bolts SGM8x14 or SGK8x14
- fits cable ladders H45-H120

Cover Clamp	ZAP2F	mat.: FP	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm			
ZAP2F	150900	0.04	100



Additional information:

- mounting with bolts SGFM8x14 or SGKFM8x14
- fits cable ladders H45-H120

Cover Clamp	ZAP2E	mat.: E	
code	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm			
ZAP2E	160900	0.04	100



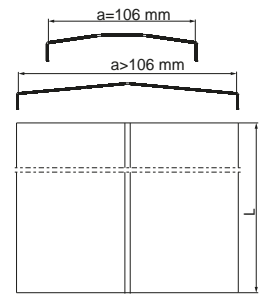
Use:

Mounting covers.

Additional information:

- mounting with bolts SGKM8x14E or SGM8x14E
- fits cable ladders H45-H120

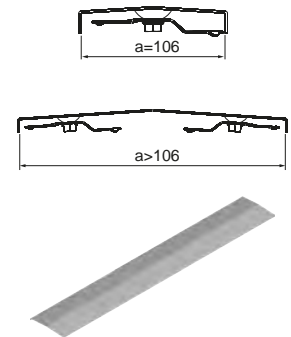
Cover code	PDDP... catalogue number	Internal dimension a [mm]	dimension L [mm]	mat.: S weight 1 m [kg]	option: F, E, L quantity per package [m]	substitute
Material thickness = 1.5 mm						
PDDP100/3	402510	106	3000	1.55	18	PDDC100/3
PDDP200/3	402520	206	3000	2.71	18	PDDC200/3
PDDP300/3	402530	306	3000	3.95	18	PDDC300/3
PDDP400/3	402540	406	3000	5.19	12	PDDC400/3
PDDP500/3	402550	506	3000	6.42	12	PDDC500/3
PDDP600/3	402560	606	3000	7.66	12	PDDC600/3



Cover code	PDDC... catalogue number	Internal dimension a [mm]	dimension L [mm]	mat.: S weight 1 m [kg]	option: F, E, L quantity per package [m]	substitute
Material thickness = 2.0 mm						
PDDC100/3	402710	106	3000	1.91	18	PDDP100/3
PDDC200/3	402720	206	3000	3.62	18	PDDP200/3
PDDC300/3	402730	306	3000	5.27	18	PDDP300/3
PDDC400/3	402740	406	3000	6.92	12	PDDP400/3
PDDC500/3	402750	506	3000	8.56	12	PDDP500/3
PDDC600/3	402760	606	3000	10.21	12	PDDP600/3



Cover with lock code	PZDDP... catalogue number	Internal dimension a [mm]	dimension L [mm]	mat.: S weight 1 m [kg]	option: F, E, L quantity per package [m]	substitute
Material thickness = 1.5 mm						
PZDDP100/3	402110	106	3000	1.48	18	PZDCC100/3
PZDDP200/3	402120	206	3000	2.71	18	PZDCC200/3
PZDDP300/3	402130	306	3000	3.95	18	PZDCC300/3
PZDDP400/3	402140	406	3000	5.19	12	PZDCC400/3
PZDDP500/3	402150	506	3000	6.42	12	PZDCC500/3
PZDDP600/3	402160	606	3000	7.66	12	PZDCC600/3



Cover with lock code	PZDDC... catalogue number	Internal dimension a [mm]	dimension L [mm]	mat.: S weight 1 m [kg]	option: F, E, L quantity per package [m]	substitute
Material thickness = 2.0 mm						
PZDDC100/3	402310	106	3000	1.97	18	PZDDP100/3
PZDDC200/3	402320	206	3000	3.62	18	PZDDP200/3
PZDDC300/3	402330	306	3000	5.27	18	PZDDP300/3
PZDDC400/3	402340	406	3000	6.92	12	PZDDP400/3
PZDDC500/3	402350	506	3000	8.56	12	PZDDP500/3
PZDDC600/3	402360	606	3000	10.21	12	PZDDP600/3



Use:

Protection of cables from damage. Used in dusty areas.

Additional information:

- additional width adjustment thanks to a special profile, especially useful for hot dip galvanised elements
- Cover with a width of 100 mm has 3 locks, and above 100 mm - 6 locks

Cover Lock code	ZAMU catalogue number	mat.: FP weight 1 pc. [kg]	option: E quantity per package [pcs.]
ZAMU	400133	0.04	10



Use:

Protection of covers against slipping.

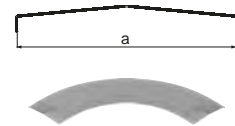
Additional information:

- locks are offered complete with bolt and nut
- for self-mounting in the cover
- lock suitable for phillips and flathead screwdrivers



Cover for 90° Horizontal Bend PLDP... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PLDP100	220510	106	1.27	2	PLDC100
PLDP200	220520	206	2.56	2	PLDC200
PLDP300	220530	306	4.04	2	PLDC300
PLDP400	220540	406	5.70	2	PLDC400
PLDP500	220550	506	7.55	2	PLDC500
PLDP600	220560	606	9.58	2	PLDC600

Cover for 90° Horizontal Bend PLDC... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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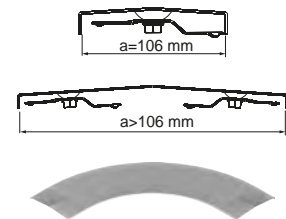
Material thickness = 2.0 mm

PLDC100	230510	106	1.52	2	PLDP100
PLDC200	230520	206	3.07	2	PLDP200
PLDC300	230530	306	4.85	2	PLDP300
PLDC400	230540	406	6.84	2	PLDP400
PLDC500	230550	506	9.05	2	PLDP500
PLDC600	230560	606	11.49	2	PLDP600



Cover For 90° Horizontal Bend with lock PZLDP... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PZLDP100	220710	106	1.27	2	PZLDC100
PZLDP200	220720	206	4.04	2	PZLDC200
PZLDP300	220730	306	5.56	2	PZLDC300
PZLDP400	220740	406	5.70	2	PZLDC400
PZLDP500	220750	506	7.55	2	PZLDC500
PZLDP600	220760	606	9.58	2	PZLDC600

Cover For 90° Horizontal Bend with lock PZLDC... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

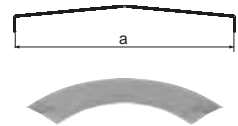
PZLDC100	230710	106	1.52	2	PZLDP100
PZLDC200	230720	206	3.07	2	PZLDP200
PZLDC300	230730	306	4.85	2	PZLDP300
PZLDC400	230740	406	6.84	2	PZLDP400
PZLDC500	230750	506	9.05	2	PZLDP500
PZLDC600	230760	606	11.49	2	PZLDP600

Use:

Protection of cables from damage. Use in dusty areas.

Cover for 90° Horizontal Bend – PLDZP... External mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PLDZP100	220410	106	1.37	2	PLDZC100
PLDZP200	220420	206	2.76	2	PLDZC200
PLDZP300	220430	306	4.37	2	PLDZC300
PLDZP400	220440	406	6.13	2	PLDZC400
PLDZP500	220450	506	8.15	2	PLDZC500
PLDZP600	220460	606	10.34	2	PLDZC600

Cover for 90° Horizontal Bend – PLDZC... External mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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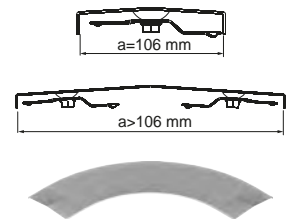


Material thickness = 2.0 mm

PLDZC100	230410	106	1.82	2	PLDZP100
PLDZC200	230420	206	3.68	2	PLDZP200
PLDZC300	230430	306	5.82	2	PLDZP300
PLDZC400	230440	406	8.21	2	PLDZP400
PLDZC500	230450	506	10.86	2	PLDZP500
PLDZC600	230460	606	13.79	2	PLDZP600

Cover for 90° Horizontal Bend - External with Lock PZLDZP... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PZLDZP100	220810	106	1.37	2	PZLDZC100
PZLDZP200	220820	206	2.76	2	PZLDZC200
PZLDZP300	220830	306	4.37	2	PZLDZC300
PZLDZP400	220840	406	6.16	2	PZLDZC400
PZLDZP500	220850	506	8.15	2	PZLDZC500
PZLDZP600	220860	606	10.34	2	PZLDZC600

Cover for 90° Horizontal Bend - External with Lock PZLDZC... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

PZLDZC100	230810	106	1.82	2	PZLDZP100
PZLDZC200	230820	206	3.68	2	PZLDZP200
PZLDZC300	230830	306	5.82	2	PZLDZP300
PZLDZC400	230840	406	8.21	2	PZLDZP400
PZLDZC500	230850	506	10.86	2	PZLDZP500
PZLDZC600	230860	606	13.79	2	PZLDZP600

Use:

Protection of cables from damage. Use in dusty areas.

Additional information:

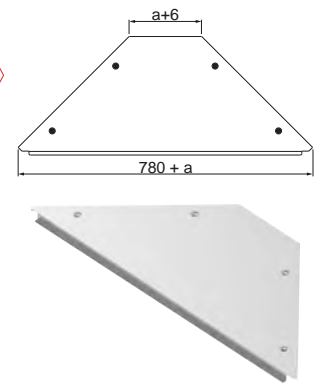
– additional width adjustment thanks to a special profile, especially useful for hot dip galvanised elements



Cover For Add-on Tee with lock

PZTDDP... mat.: S option: F, E, L

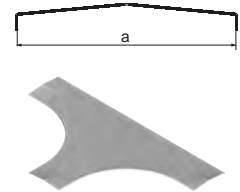
code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
PZTDDP100	250210	106	2.48	1
PZTDDP200	250220	206	4.97	1
PZTDDP300	250230	306	7.36	1
PZTDDP400	250240	406	9.98	1
PZTDDP500	250250	506	12.84	1
PZTDDP600	250260	606	15.94	1



Cover For Horizontal Tee

PTDP... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
PTDP100	220310	106	2.36	2	PTDC100
PTDP200	220320	206	3.48	2	PTDC200
PTDP300	220330	306	6.62	2	PTDC300
PTDP400	220340	406	8.99	2	PTDC400
PTDP500	220350	506	11.56	2	PTDC500
PTDP600	220360	606	14.35	2	PTDC600



Cover For Horizontal Tee

PTDC... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
PTDC100	230310	106	3.15	2	PTDP100
PTDC200	230320	206	5.97	2	PTDP200
PTDC300	230330	306	8.83	2	PTDP300
PTDC400	230340	406	11.98	2	PTDP400
PTDC500	230350	506	15.41	2	PTDP500
PTDC600	230360	606	19.13	2	PTDP600

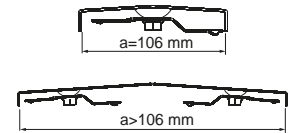


Cover For Horizontal Tee with lock PZTDP... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PZTDP100	220910	106	2.36	2	PZTDC100
PZTDP200	220920	206	3.48	2	PZTDC200
PZTDP300	220930	306	6.62	2	PZTDC300
PZTDP400	220940	406	8.99	2	PZTDC400
PZTDP500	220950	506	11.56	2	PZTDC500
PZTDP600	220960	606	14.35	2	PZTDC600



Cover For Horizontal Tee with lock PZTDC... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

PZTDC100	230910	106	3.15	2	PZTDP100
PZTDC200	230920	206	5.97	2	PZTDP200
PZTDC300	230930	306	8.83	2	PZTDP300
PZTDC400	230940	406	11.98	2	PZTDP400
PZTDC500	230950	506	15.41	2	PZTDP500
PZTDC600	230960	606	19.13	2	PZTDP600



Use:

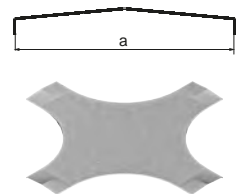
Protection of cables from damage. Use in dusty areas.

Cover For Cross-over PCZDP... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PCZDP100	220610	106	3.71	2	PCZDC100
PCZDP200	220620	206	6.18	2	PCZDC200
PCZDP300	220630	306	8.85	2	PCZDC300
PCZDP400	220640	406	11.74	2	PCZDC400
PCZDP500	220650	506	14.84	2	PCZDC500
PCZDP600	220660	606	18.15	2	PCZDC600



Cover For Cross-over PCZDC... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

PCZDC100	230610	106	4.95	2	PCZDP100
PCZDC200	230620	206	8.24	2	PCZDP200
PCZDC300	230630	306	11.80	2	PCZDP300
PCZDC400	230640	406	15.65	2	PCZDP400
PCZDC500	230650	606	19.78	2	PCZDP500
PCZDC600	230660	606	24.20	2	PCZDP600



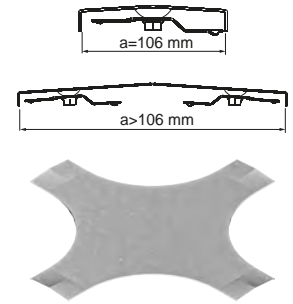


Cover For Cross-over with lock PZCZDP... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PZCZDP100	220101	106	3.71	2	PZCZDC100
PZCZDP200	220102	206	6.18	2	PZCZDC200
PZCZDP300	220103	306	8.85	2	PZCZDC200
PZCZDP400	220104	406	11.74	2	PZCZDC400
PZCZDP500	220105	506	14.84	2	PZCZDC500
PZCZDP600	220106	606	18.15	2	PZCZDC600



Cover For Cross-over with lock PZCZDC... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

PZCZDC100	230101	106	4.95	2	PZCZDP100
PZCZDC200	230102	206	8.24	2	PZCZDP200
PZCZDC300	230103	306	11.80	2	PZCZDP300
PZCZDC400	230104	406	15.65	2	PZCZDP400
PZCZDC500	230105	506	19.78	2	PZCZDP500
PZCZDC600	230106	606	24.20	2	PZCZDP600



Use:

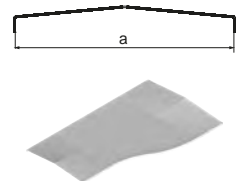
Protection of cables from damage. Use in dusty areas.

Cover For Right Reducer PRDPP... mat.: S option: F, E, L

code	catalogue number	Internal dimension/dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PRDPP200/100	280102	206/106	1.18	2	PRDPC200/100
PRDPP300/200	280103	306/206	1.89	2	PRDPC300/200
PRDPP400/300	280104	406/306	2.60	2	PRDPC400/300
PRDPP500/400	280105	506/406	3.29	2	PRDPC500/400
PRDPP600/500	280106	606/506	3.98	2	PRDPC600/500



Cover For Right Reducer PRDPC... mat.: S option: F, E, L

code	catalogue number	Internal dimension/dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

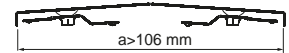
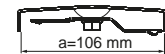
PRDPC200/100	290102	206/106	1.57	2	PRDPP200/100
PRDPC300/200	290103	306/206	2.52	2	PRDPP300/200
PRDPC400/300	290104	406/306	3.47	2	PRDPP400/300
PRDPC500/400	290105	506/406	4.39	2	PRDPP500/400
PRDPC600/500	290106	606/506	5.31	2	PRDPP600/500



Cover for Right Reducer with lock

PZRDP... mat.: S option: F, E, L

code	catalogue number	Internal dimension/dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PZRDP200/100	200402	206/106	1.18	2	PZRDP200/100
PZRDP300/200	200403	306/206	1.89	2	PZRDP300/200
PZRDP400/300	200404	406/306	2.60	2	PZRDP400/300
PZRDP500/400	200405	506/406	3.29	2	PZRDP500/400
PZRDP600/500	200406	606/506	3.98	2	PZRDP600/500

Cover for Right Reducer with lock

PZRDP... mat.: S option: F, E, L

code	catalogue number	Internal dimension/dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

PZRDP200/100	210402	206/106	1.57	2	PZRDP200/100
PZRDP300/200	210403	306/206	2.52	2	PZRDP300/200
PZRDP400/300	210404	406/306	3.47	2	PZRDP400/300
PZRDP500/400	210405	506/406	4.39	2	PZRDP500/400
PZRDP600/500	210406	606/506	5.31	2	PZRDP600/500

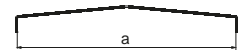
Use:

Protection of cables from damage. Use in dusty areas.

Cover for Left Reducer

PRDLP... mat.: S option: F, E, L

code	catalogue number	Internal dimension/dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PRDLP200/100	260202	206/106	1.18	2	PRDLP200/100
PRDLP300/200	260203	306/206	1.89	2	PRDLP300/200
PRDLP400/300	260204	406/306	2.60	2	PRDLP400/300
PRDLP500/400	260205	506/406	3.29	2	PRDLP500/400
PRDLP600/500	260206	606/506	3.98	2	PRDLP600/500

Cover for Left Reducer

PRDLC... mat.: S option: F, E, L

code	catalogue number	Internal dimension/dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

PRDLC200/100	270202	206/106	1.57	2	PRDLP200/100
PRDLC300/200	270203	306/206	2.52	2	PRDLP300/200
PRDLC400/300	270204	406/306	3.47	2	PRDLP400/300
PRDLC500/400	270205	506/406	4.39	2	PRDLP500/400
PRDLC600/500	270206	606/506	5.31	2	PRDLP600/500

Additional information:

– additional width adjustment thanks to a special profile, especially useful for hot dip galvanised elements



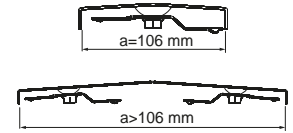
Cover for Left Reducer with lock

PZRDLP... mat.: S option: F, E, L

code	catalogue number	Internal dimension/dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PZRDLP200/100	200302	206/106	1.18	2	PZRDLC200/100
PZRDLP300/200	200303	306/206	1.89	2	PZRDLC300/200
PZRDLP400/300	200304	406/306	2.60	2	PZRDLC400/300
PZRDLP500/400	200305	506/406	3.29	2	PZRDLC500/400
PZRDLP600/500	200306	606/506	3.98	2	PZRDLC600/500



Cover for Left Reducer with lock

PZRDLC... mat.: S option: F, E, L

code	catalogue number	Internal dimension/dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

PZRDLC200/100	210302	206/106	1.57	2	PZRDLP200/100
PZRDLC300/200	210303	306/206	2.52	2	PZRDLP300/200
PZRDLC400/300	210304	406/306	3.47	2	PZRDLP400/300
PZRDLC500/400	210305	506/406	4.39	2	PZRDLP500/400
PZRDLC600/500	210306	606/506	5.31	2	PZRDLP600/500



Use:

Protection of cables from damage. Use in dusty areas.

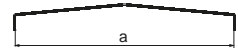
Cover For Straight Reducer

PRDSP... mat.: S option: F, E, L

code	catalogue number	Internal dimension/dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PRDSP200/100	260102	206/106	1.18	2	PRDSC200/100
PRDSP300/200	260103	306/206	1.89	2	PRDSC300/200
PRDSP400/300	260104	406/306	2.60	2	PRDSC400/300
PRDSP500/400	260105	506/406	3.29	2	PRDSC500/400
PRDSP600/500	260106	606/506	3.98	2	PRDSC600/500



Cover For Straight Reducer

PRDSC... mat.: S option: F, E, L

code	catalogue number	Internal dimension/dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

PRDSC200/100	270102	206/106	1.57	2	PRDSP200/100
PRDSC300/200	270103	306/206	2.52	2	PRDSP300/200
PRDSC400/300	270104	406/306	3.47	2	PRDSP400/300
PRDSC500/400	270105	506/406	4.39	2	PRDSP500/400
PRDSC600/500	270106	606/506	5.31	2	PRDSP600/500

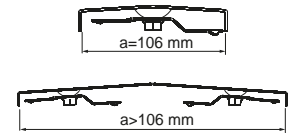


Cover for Straight Reducer with lock PZRDSP... mat.: S option: F, E, L

code	catalogue number	Internal dimension/dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PZRDSP200/100	200202	206/106	1.18	2	PZRDC200/100
PZRDSP300/200	200203	306/206	1.89	2	PZRDC300/200
PZRDSP400/300	200204	406/306	2.60	2	PZRDC400/300
PZRDSP500/400	200205	506/406	3.29	2	PZRDC500/400
PZRDSP600/500	200206	606/506	3.98	2	PZRDC600/500



Cover for Straight Reducer with lock PZRDC... mat.: S option: F, E, L

code	catalogue number	Internal dimension/dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

PZRDC200/100	210202	206/106	1.57	2	PZRDC200/100
PZRDC300/200	210203	306/206	2.52	2	PZRDC300/200
PZRDC400/300	210204	406/306	3.47	2	PZRDC400/300
PZRDC500/400	210205	506/406	4.39	2	PZRDC500/400
PZRDC600/500	210206	606/506	5.31	2	PZRDC600/500



Use:

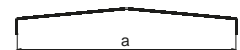
Protection of cables from damage. Use in dusty areas.

Cover For 90° Vertical Bend - Internal PLPDWP... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PLPDWP100	240101	106	1.10	2	PLPDWC100
PLPDWP200	240102	206	2.03	2	PLPDWC200
PLPDWP300	240103	306	2.94	2	PLPDWC300
PLPDWP400	240104	406	3.86	2	PLPDWC400
PLPDWP500	240105	506	4.77	2	PLPDWC500
PLPDWP600	240106	606	5.69	2	PLPDWC600



Cover For 90° Vertical Bend - Internal PLPDWC... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

PLPDWC100	250101	106	1.47	2	PLPDWP100
PLPDWC200	250102	206	2.70	2	PLPDWP200
PLPDWC300	250103	306	3.92	2	PLPDWP300
PLPDWC400	250104	406	5.14	2	PLPDWP400
PLPDWC500	250105	506	6.36	2	PLPDWP500
PLPDWC600	250106	606	7.59	2	PLPDWP600



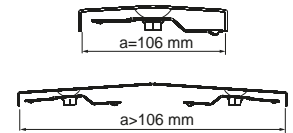


Cover For 90° Vertical Bend - Internal with lock PZLPDWP... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PZLPDWP100	280201	106	1.10	2	PZLPDWC100
PZLPDWP200	280202	206	2.03	2	PZLPDWC200
PZLPDWP300	280203	306	2.94	2	PZLPDWC300
PZLPDWP400	280204	406	3.86	2	PZLPDWC400
PZLPDWP500	280205	506	4.71	2	PZLPDWC500
PZLPDWP600	280206	606	5.69	2	PZLPDWC600



Cover For 90° Vertical Bend - Internal with lock PZLPDWC... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PZLPDWC100	290201	106	1.47	2	PZLPDWP100
PZLPDWC200	290202	206	2.70	2	PZLPDWP200
PZLPDWC300	290203	306	3.92	2	PZLPDWP300
PZLPDWC400	290204	406	5.14	2	PZLPDWP400
PZLPDWC500	290205	506	6.36	2	PZLPDWP500
PZLPDWC600	290206	606	7.59	2	PZLPDWP600



Use:

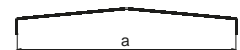
Protection of cables from damage. Use in dusty areas.

Cover For 90° Vertical Bend - External PLPDZP... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PLPDZP100	240201	206	1.30	2	PLPDZC100
PLPDZP200	240202	206	2.38	2	PLPDZC200
PLPDZP300	240203	306	3.46	2	PLPDZC300
PLPDZP400	240204	406	4.54	2	PLPDZC400
PLPDZP500	240205	506	5.62	2	PLPDZC500
PLPDZP600	240206	606	6.70	2	PLPDZC600



Cover For 90° Vertical Bend - External PLPDZC... mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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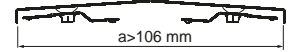
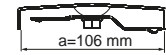
Material thickness = 2.0 mm

PLPDZC100	250201	106	1.73	2	PLPDZP100
PLPDZC200	250202	206	3.17	2	PLPDZP200
PLPDZC300	250203	306	4.61	2	PLPDZP300
PLPDZC400	250204	406	6.05	2	PLPDZP400
PLPDZC500	250205	506	7.49	2	PLPDZP500
PLPDZC600	250206	606	8.93	2	PLPDZP600



Cover For 90° Vertical Bend - External with lock **PZLPDZP...** mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

PZLPDZP100	200101	106	1.30	2	PZLPDZC100
PZLPDZP200	200102	206	2.38	2	PZLPDZC200
PZLPDZP300	200103	306	3.46	2	PZLPDZC300
PZLPDZP400	200104	406	4.54	2	PZLPDZC400
PZLPDZP500	200105	506	5.62	2	PZLPDZC500
PZLPDZP600	200106	606	6.70	2	PZLPDZC600



Cover For 90° Vertical Bend - External with lock **PZLPDZC...** mat.: S option: F, E, L

code	catalogue number	Internal dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

PZLPDZC100	210101	106	1.73	2	PZLPDZP100
PZLPDZC200	210102	206	3.17	2	PZLPDZP200
PZLPDZC300	210103	306	4.61	2	PZLPDZP300
PZLPDZC400	210104	406	6.05	2	PZLPDZP400
PZLPDZC500	210105	506	7.49	2	PZLPDZP500
PZLPDZC600	210106	606	8.93	2	PZLPDZP600

Use:

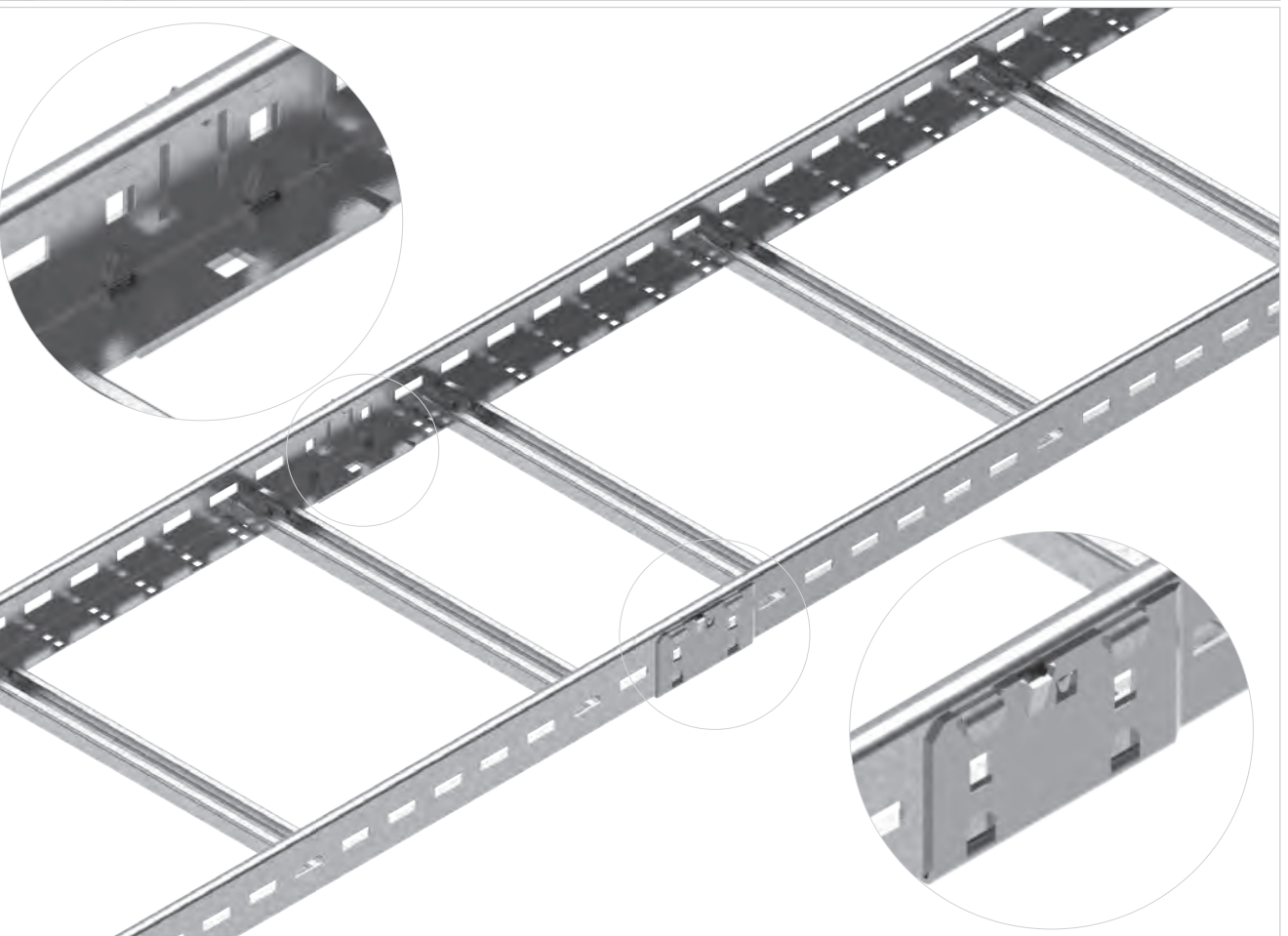
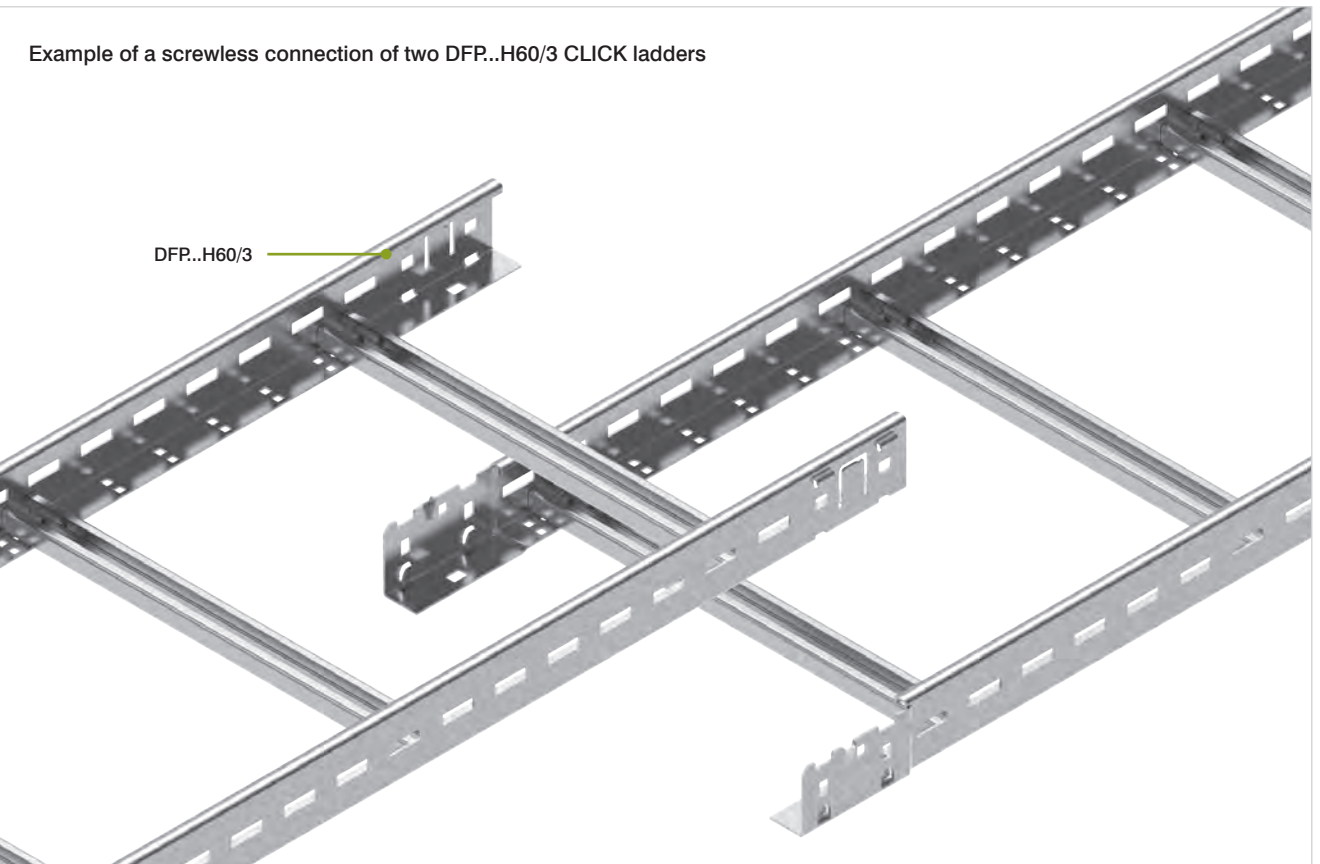
Protection of cables from damage. Use in dusty areas.

Additional information:

- when ordering the cover itself, please specify the designation or part number of the fitting to which it is to fit

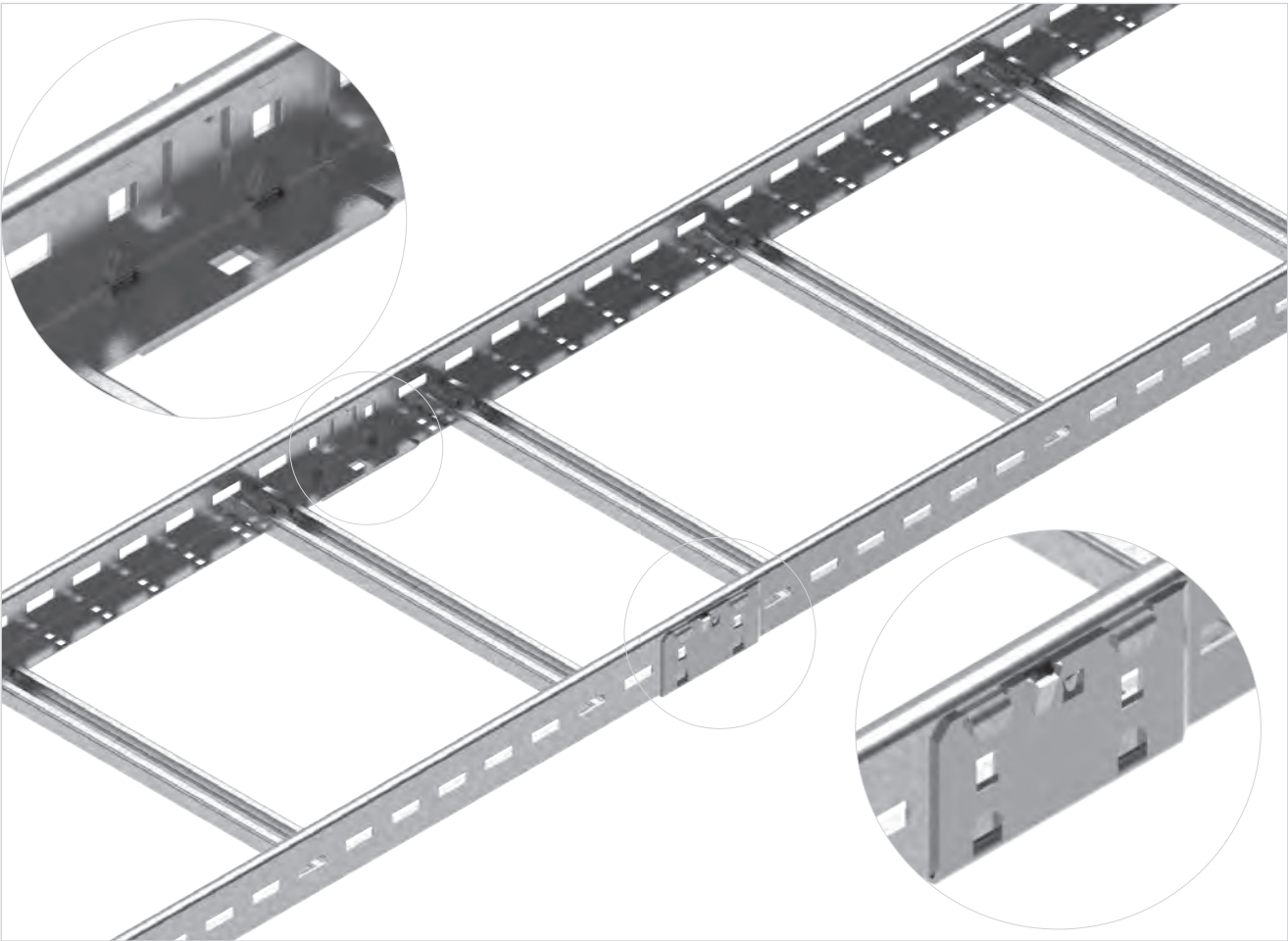
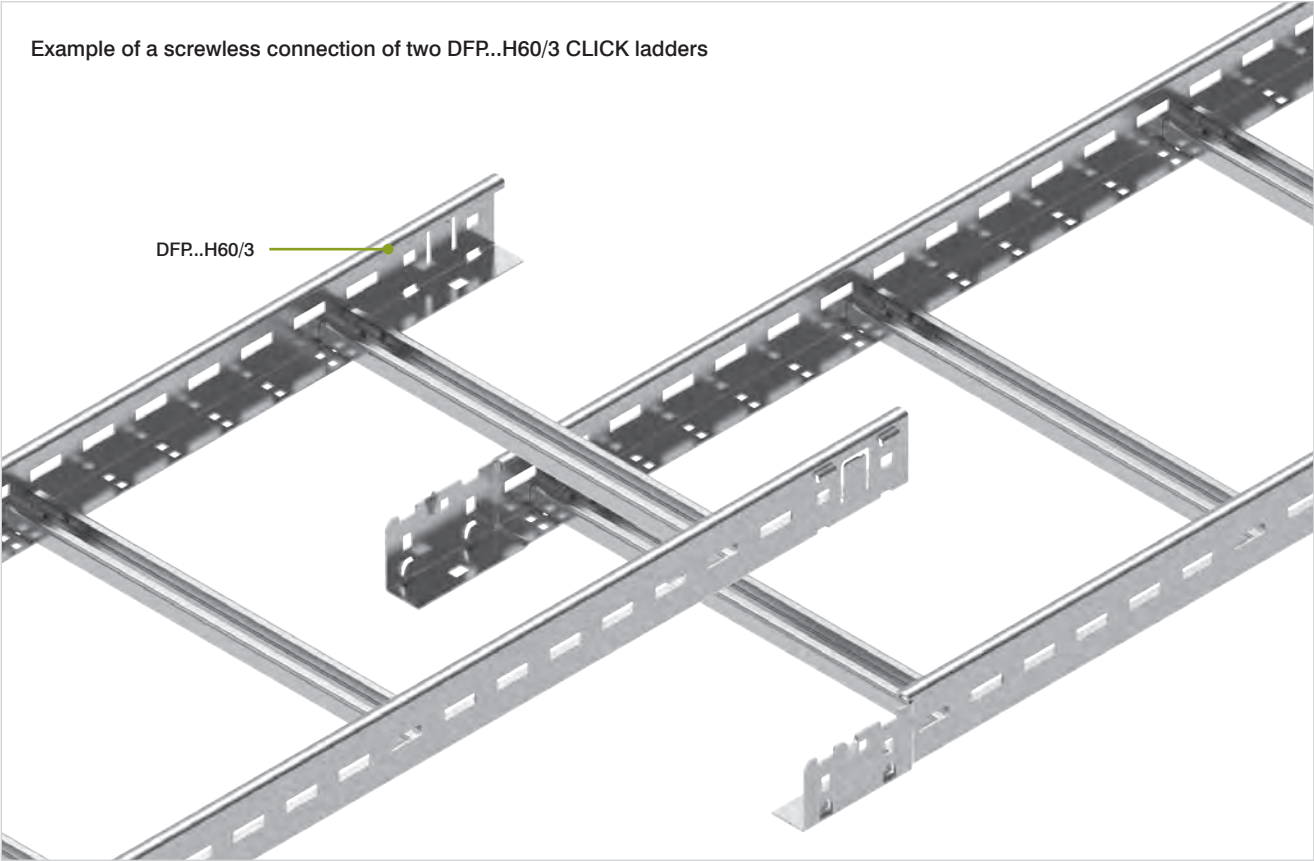
Example of a screwless connection of two DFP...H60/3 CLICK ladders

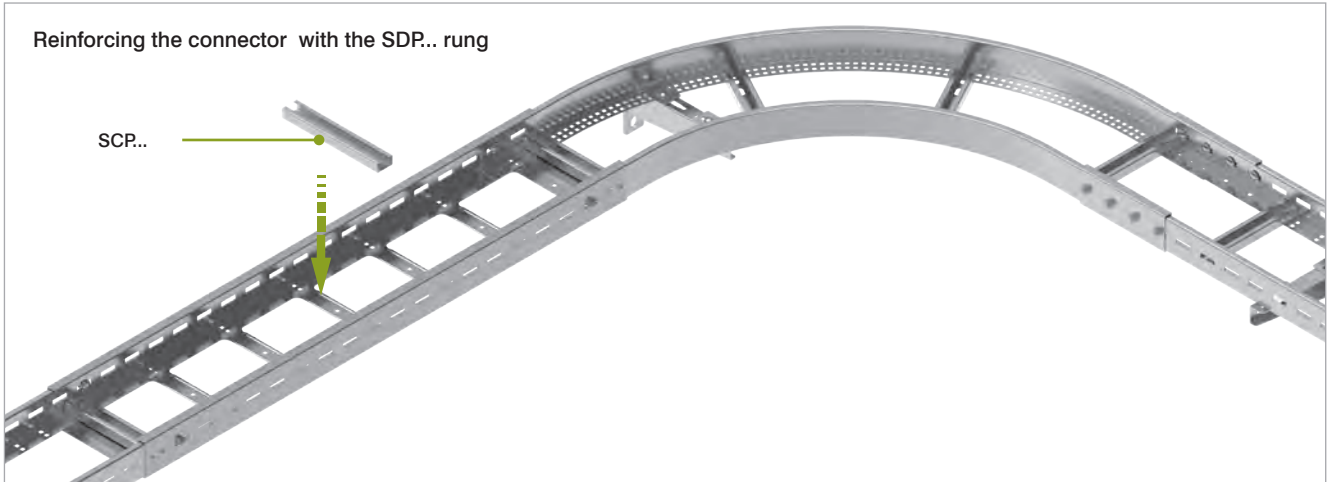
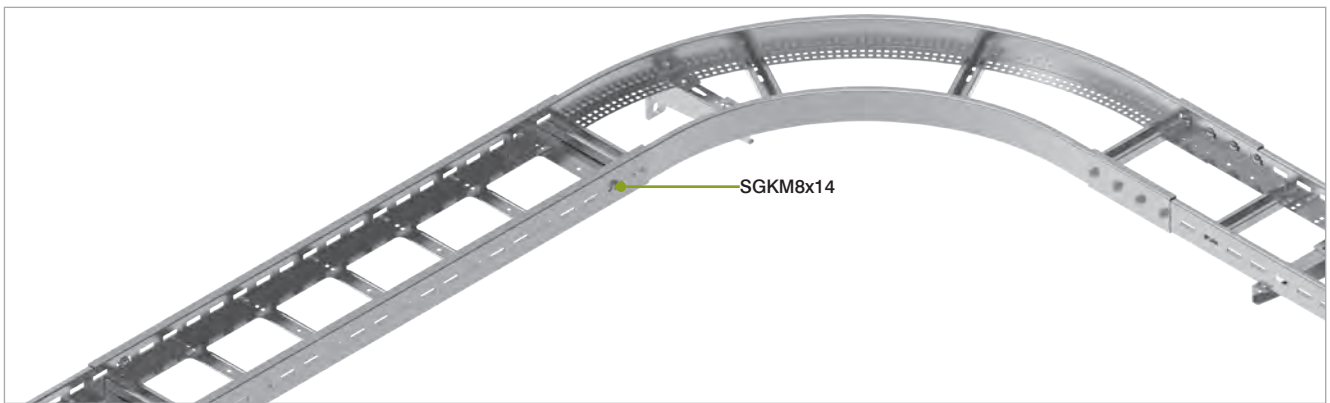
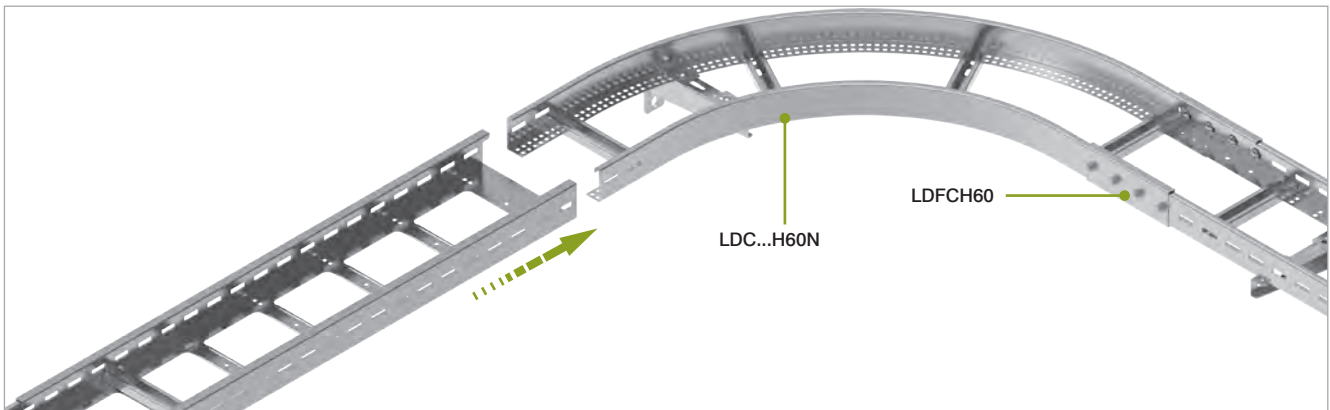
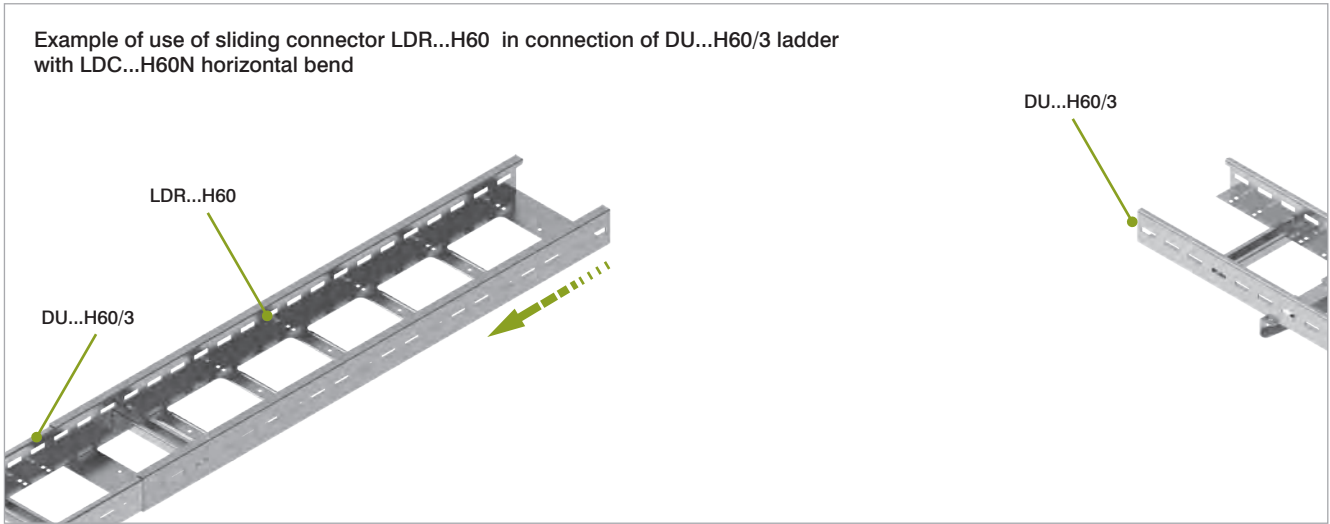
DFP...H60/3



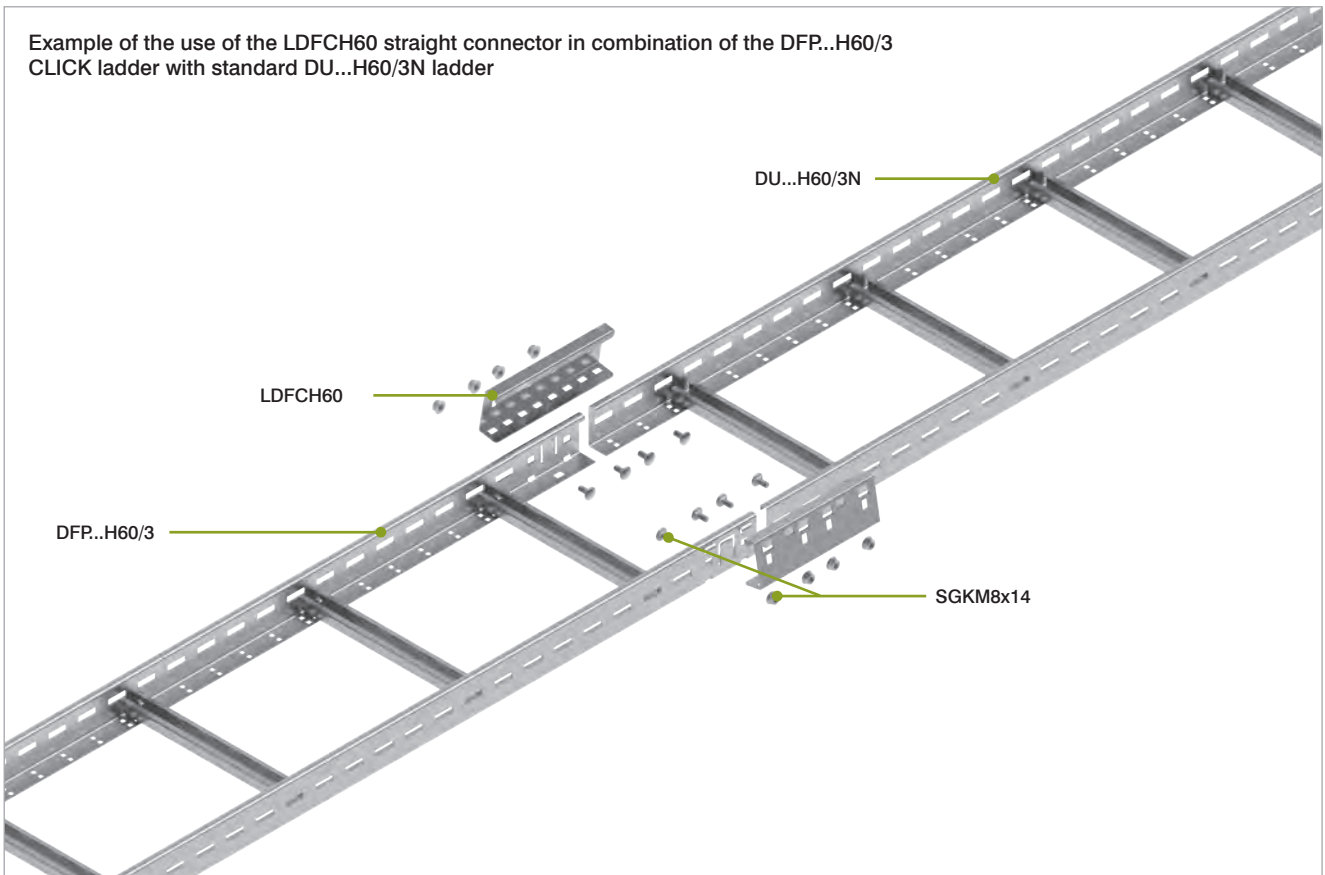


Example of a screwless connection of two DFP...H60/3 CLICK ladders

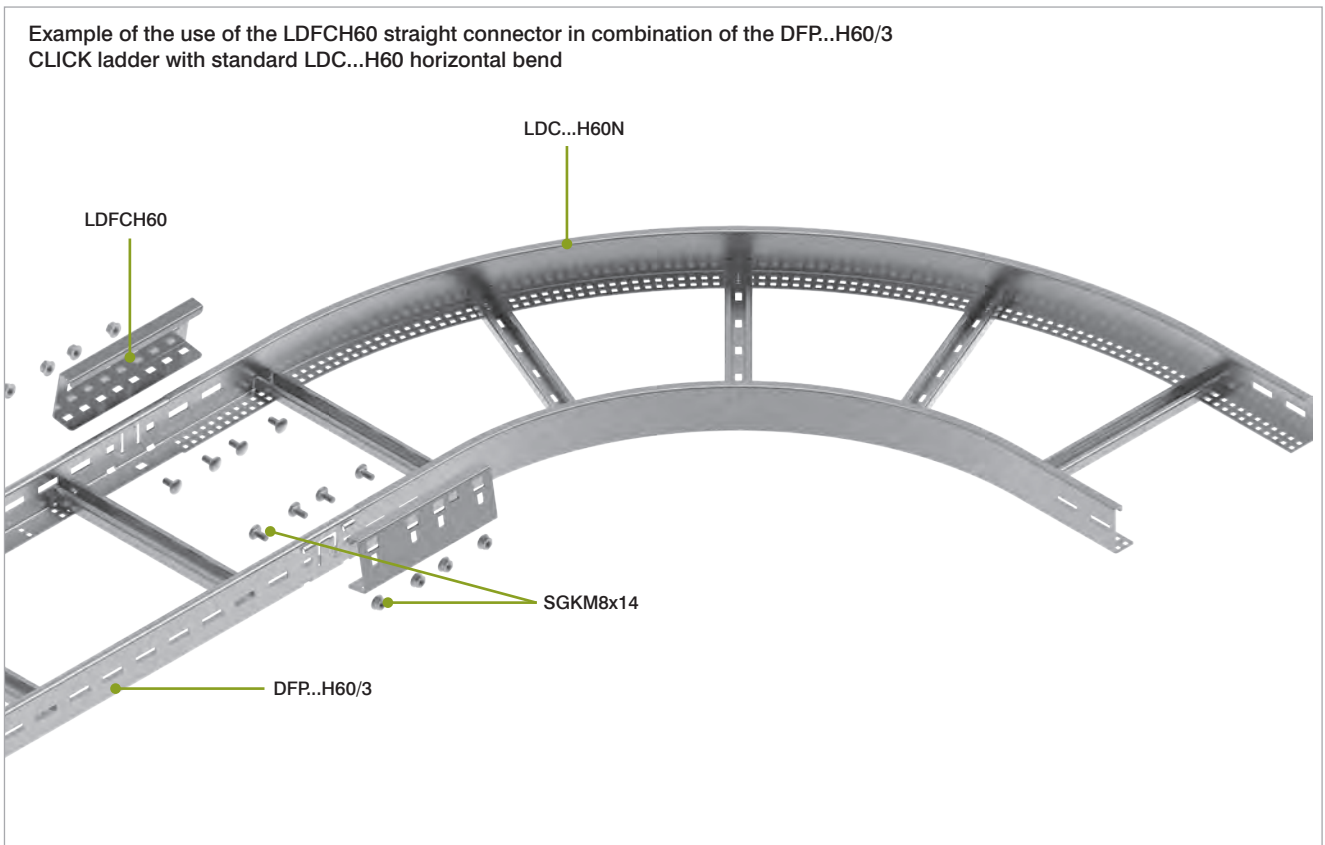




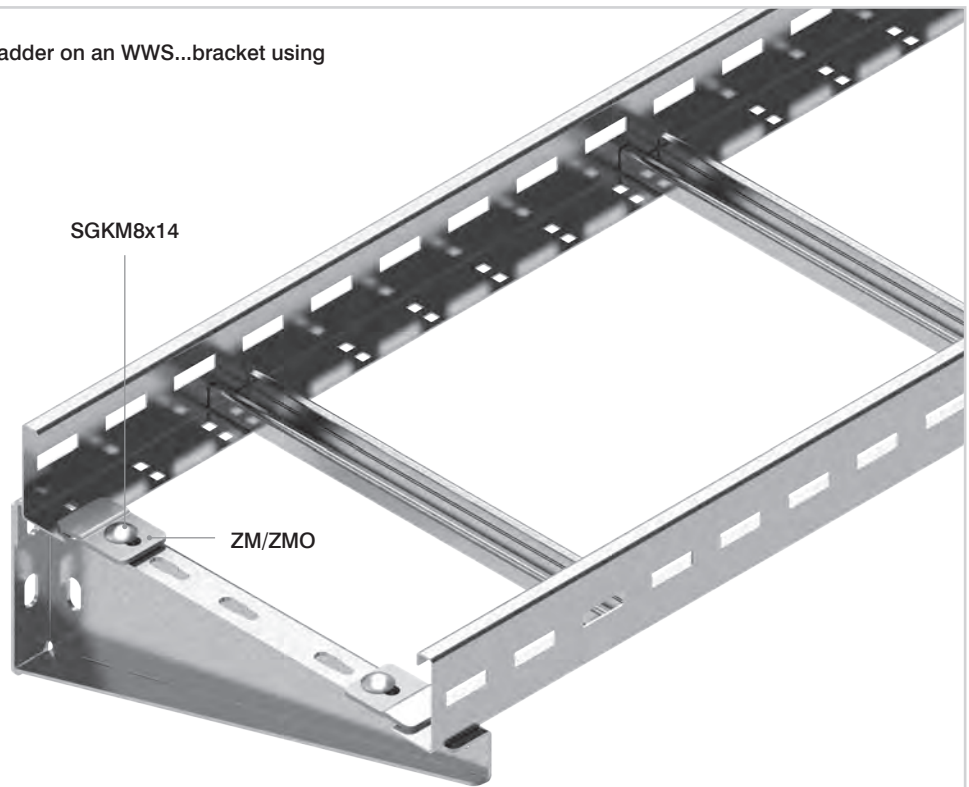
Example of the use of the LDFCH60 straight connector in combination of the DFP...H60/3 CLICK ladder with standard DU...H60/3N ladder



Example of the use of the LDFCH60 straight connector in combination of the DFP...H60/3 CLICK ladder with standard LDC...H60 horizontal bend

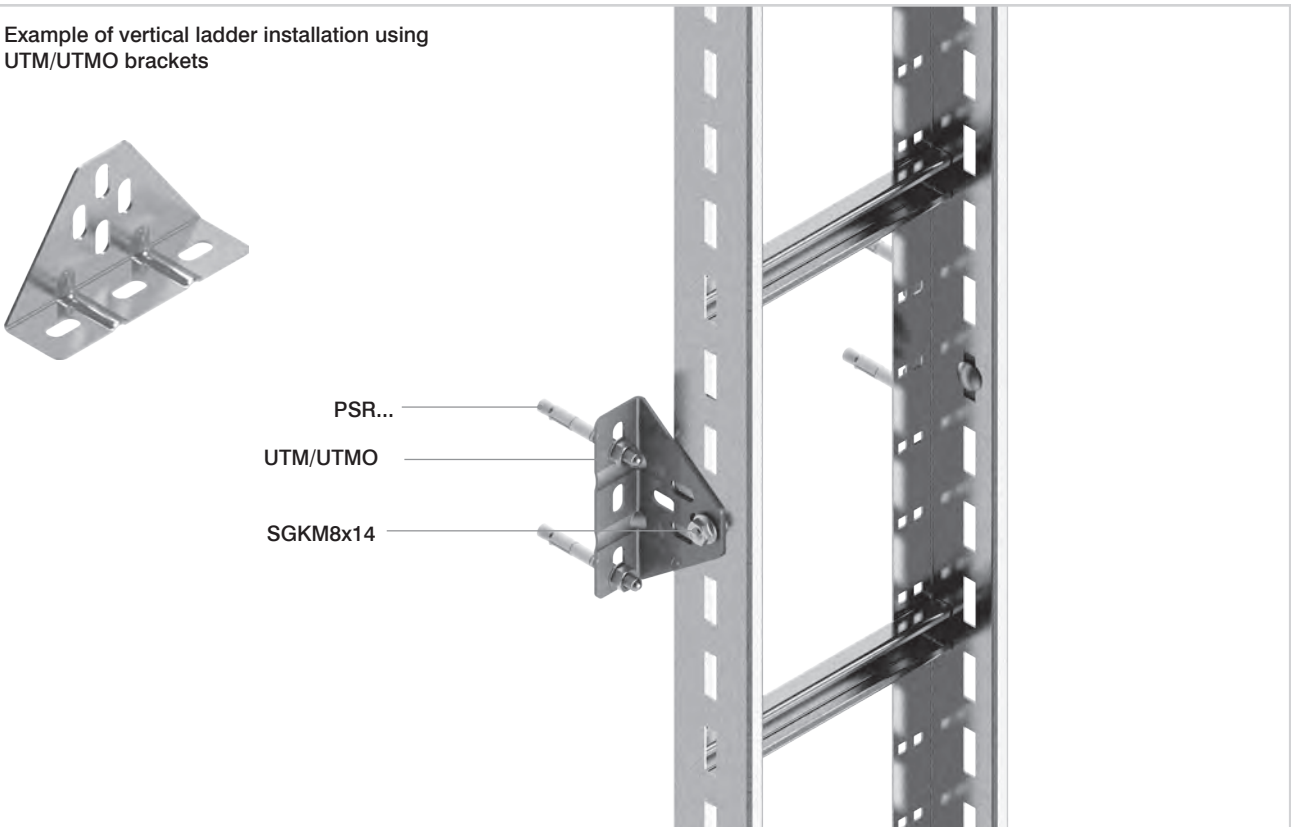


Example of installation of a cable ladder on an WWS...bracket using ZM/ZMO clamp

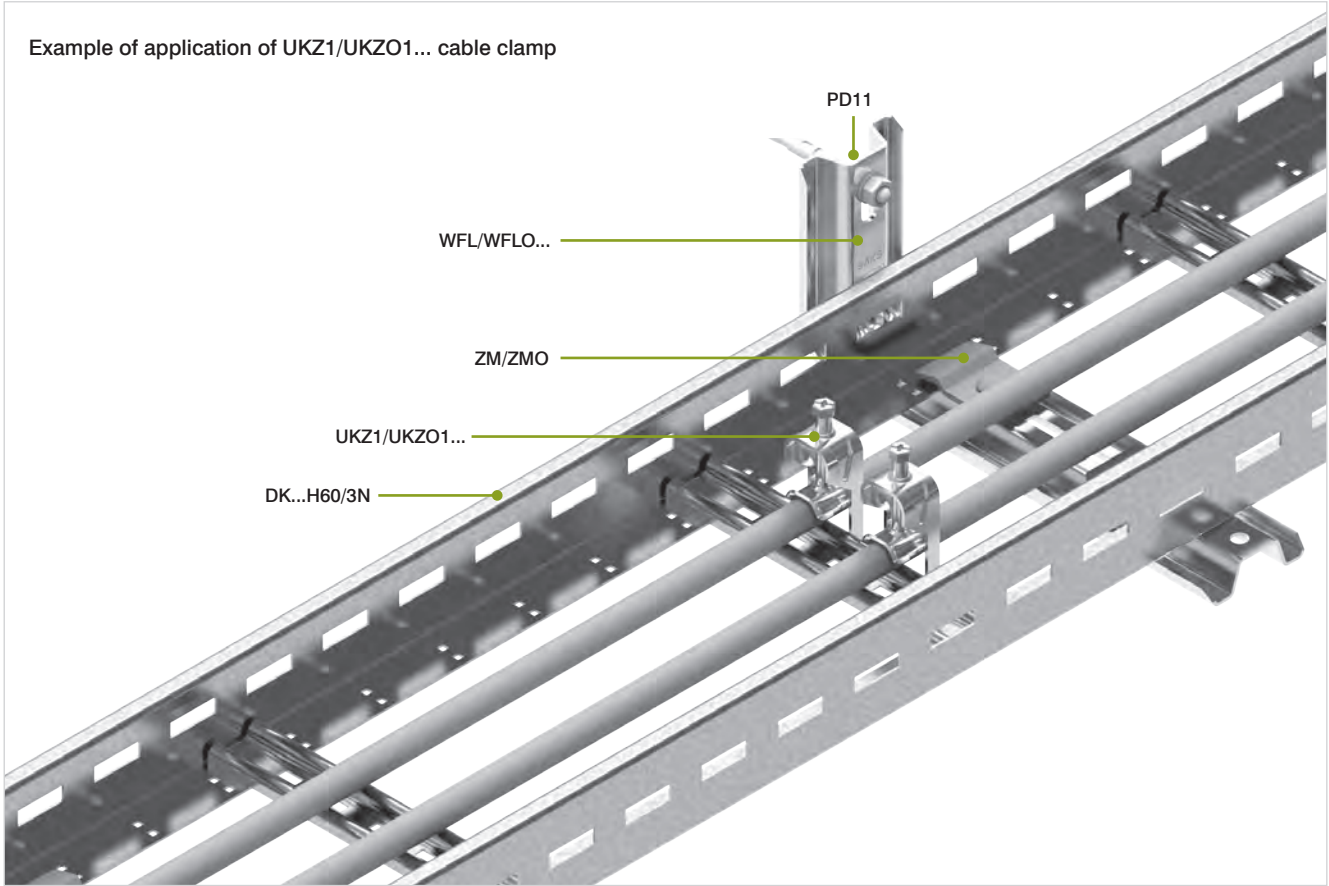


The advantage of such an installation is that the cable route can be distanced from the wall.

Example of vertical ladder installation using UTM/UTMO brackets



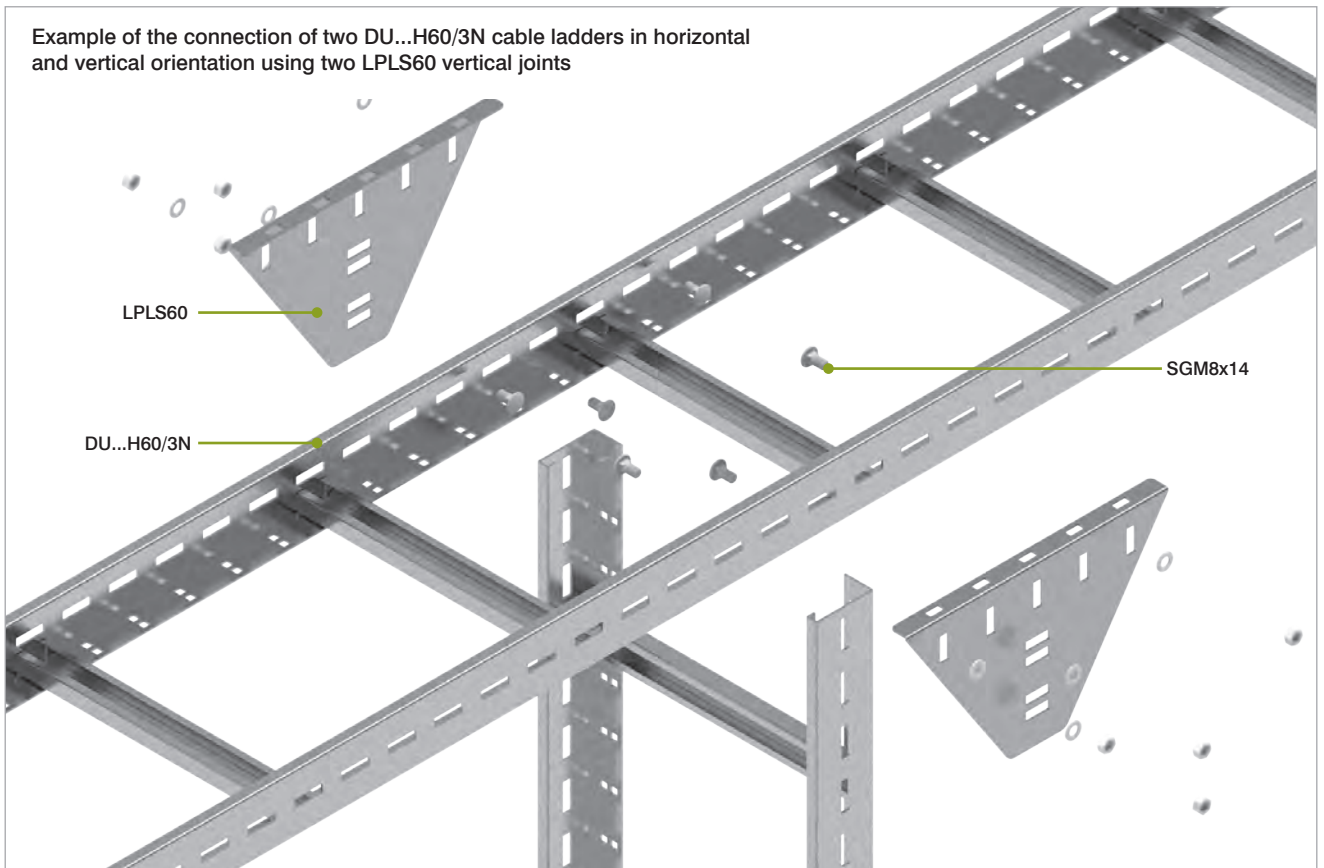
Example of application of UKZ1/UKZO1... cable clamp



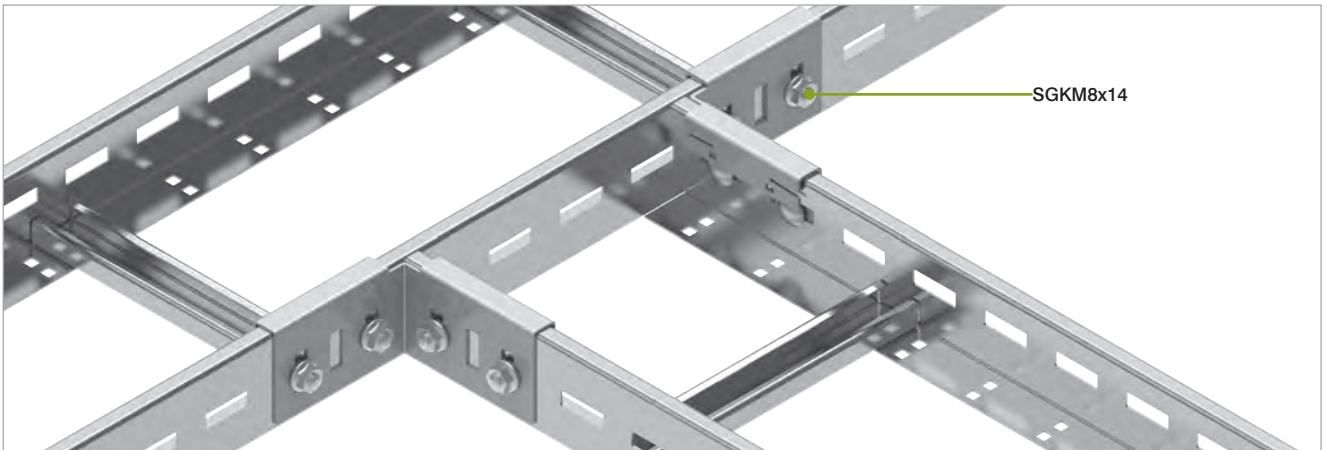
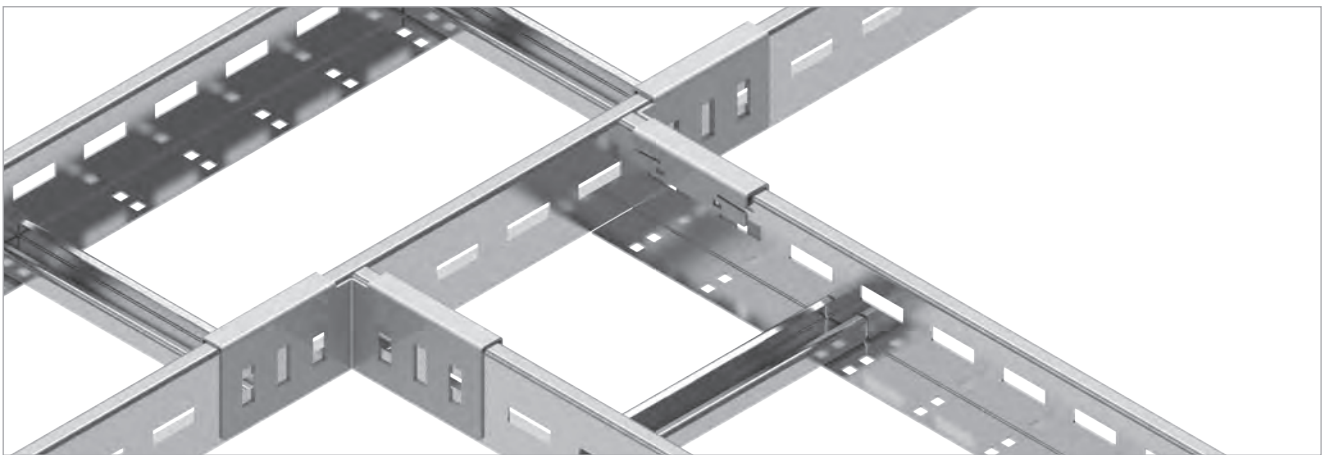
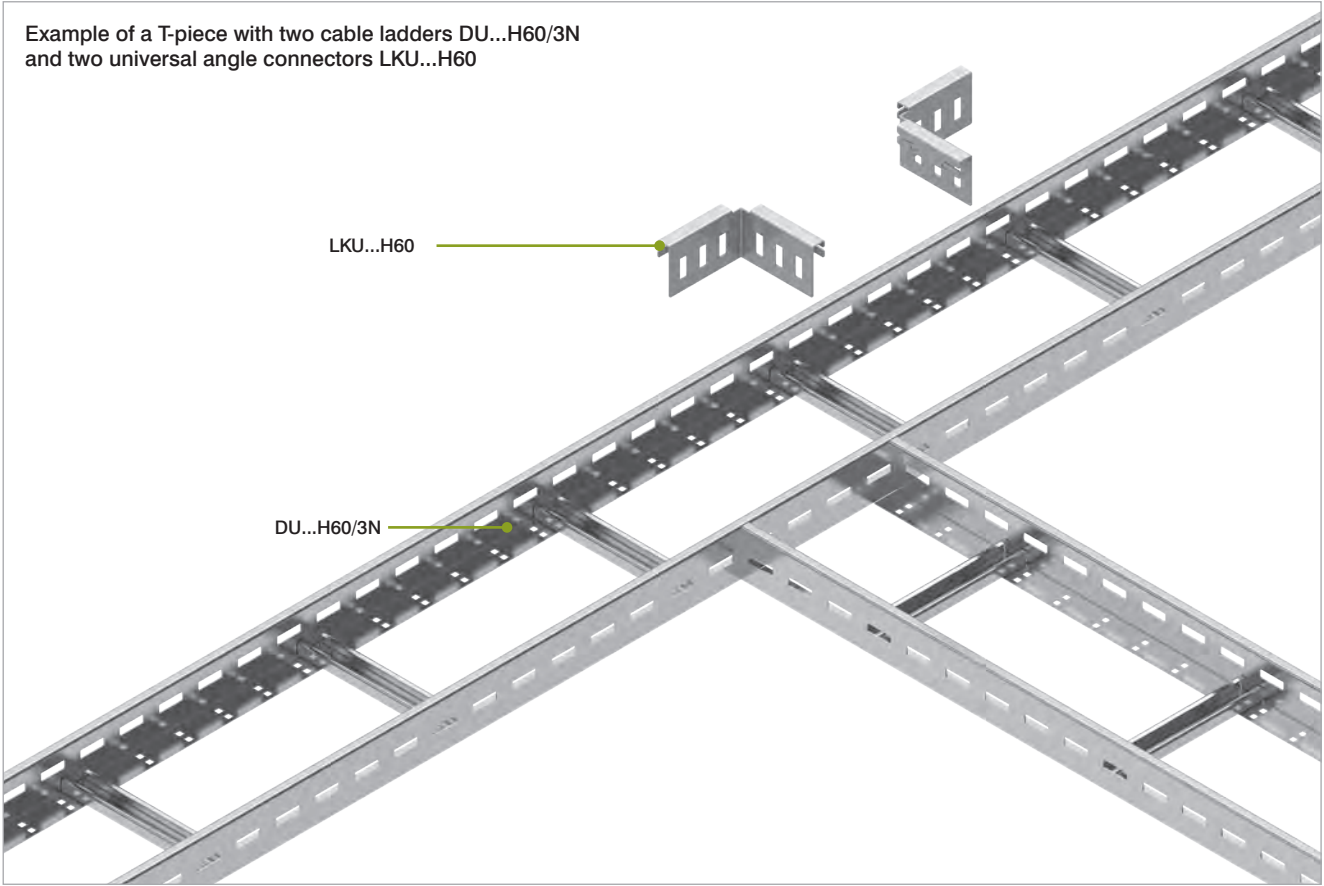
Example of application of UKZ1/UKZO1... cable clamp



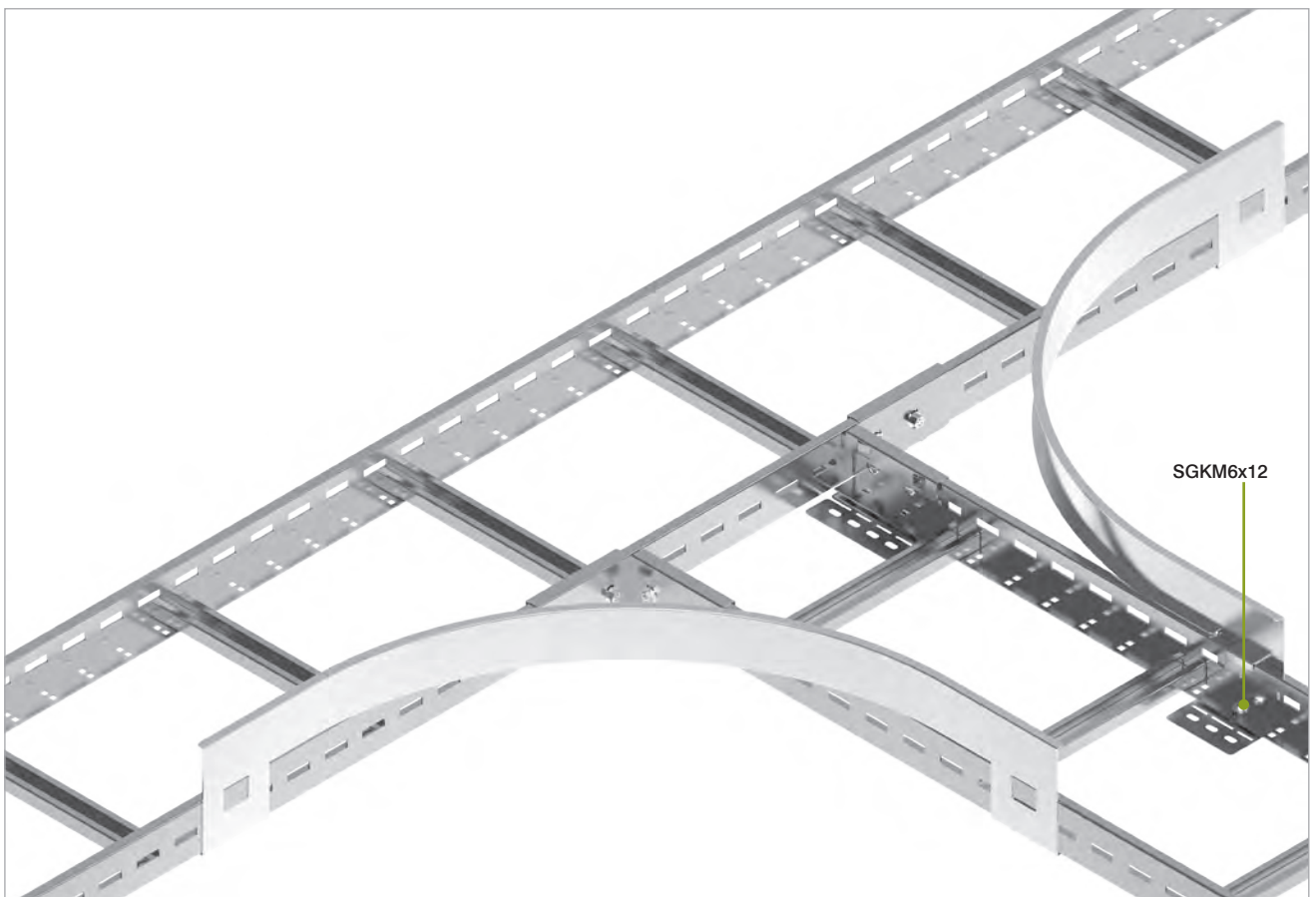
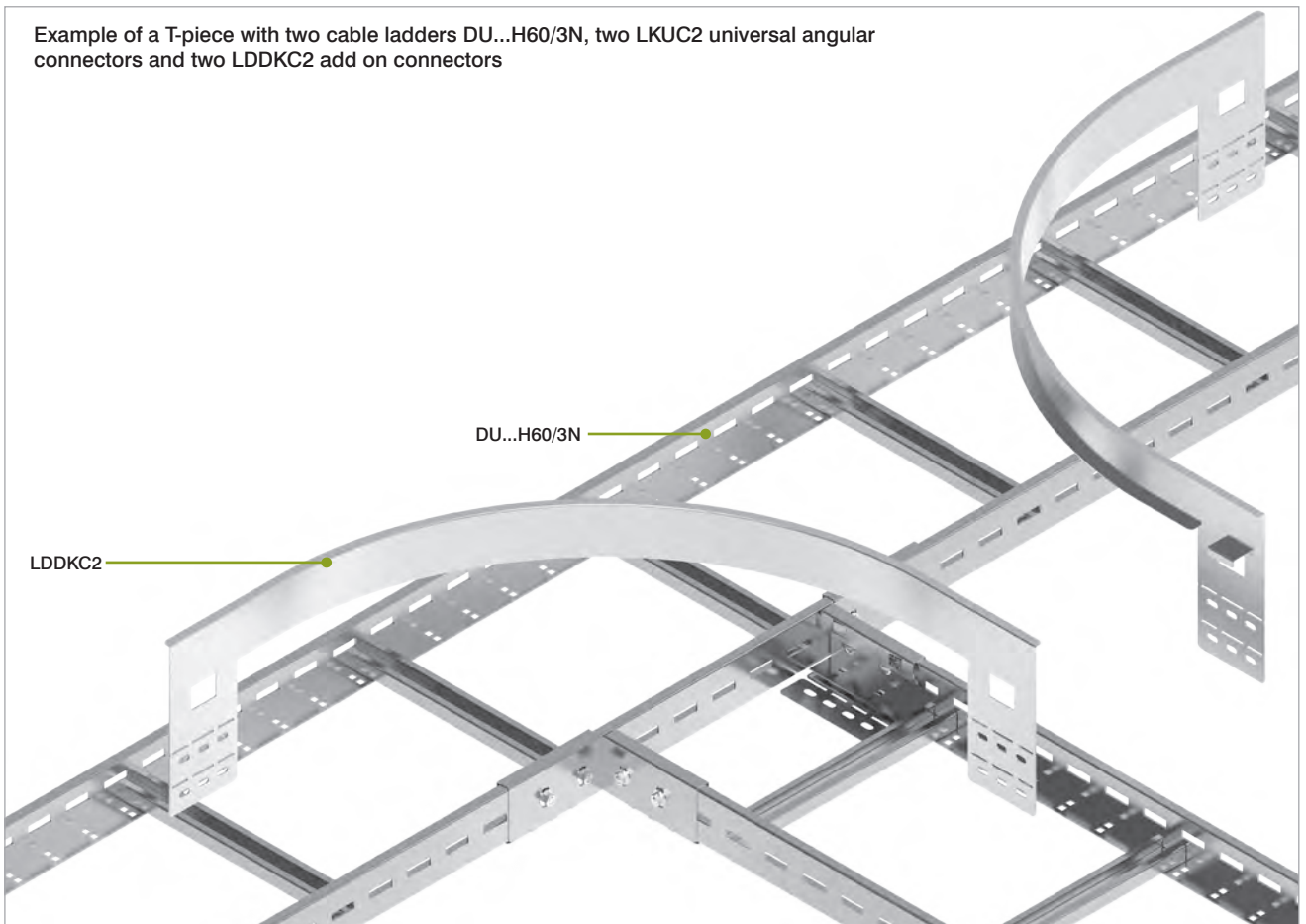
Example of the connection of two DU...H60/3N cable ladders in horizontal and vertical orientation using two LPLS60 vertical joints



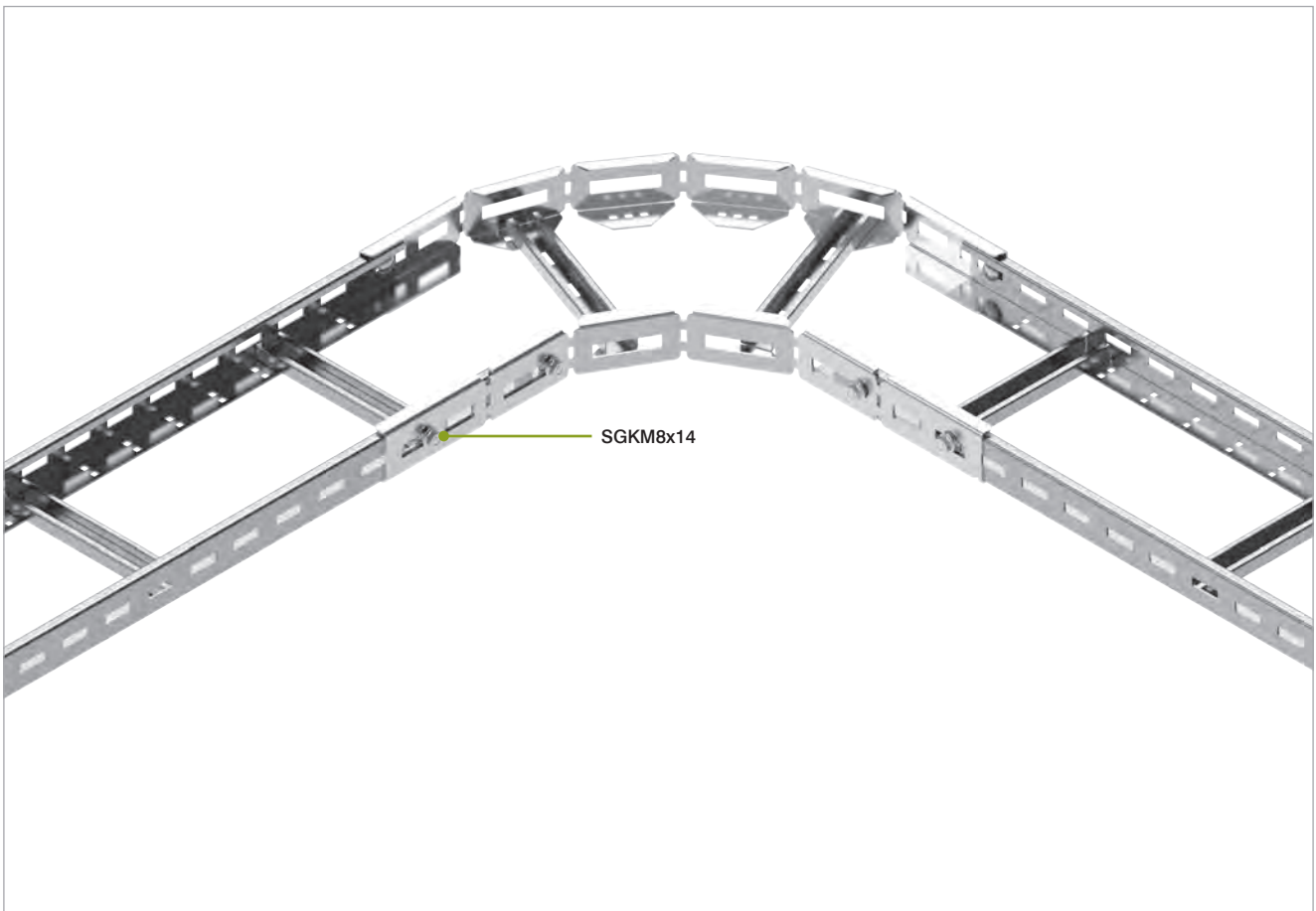
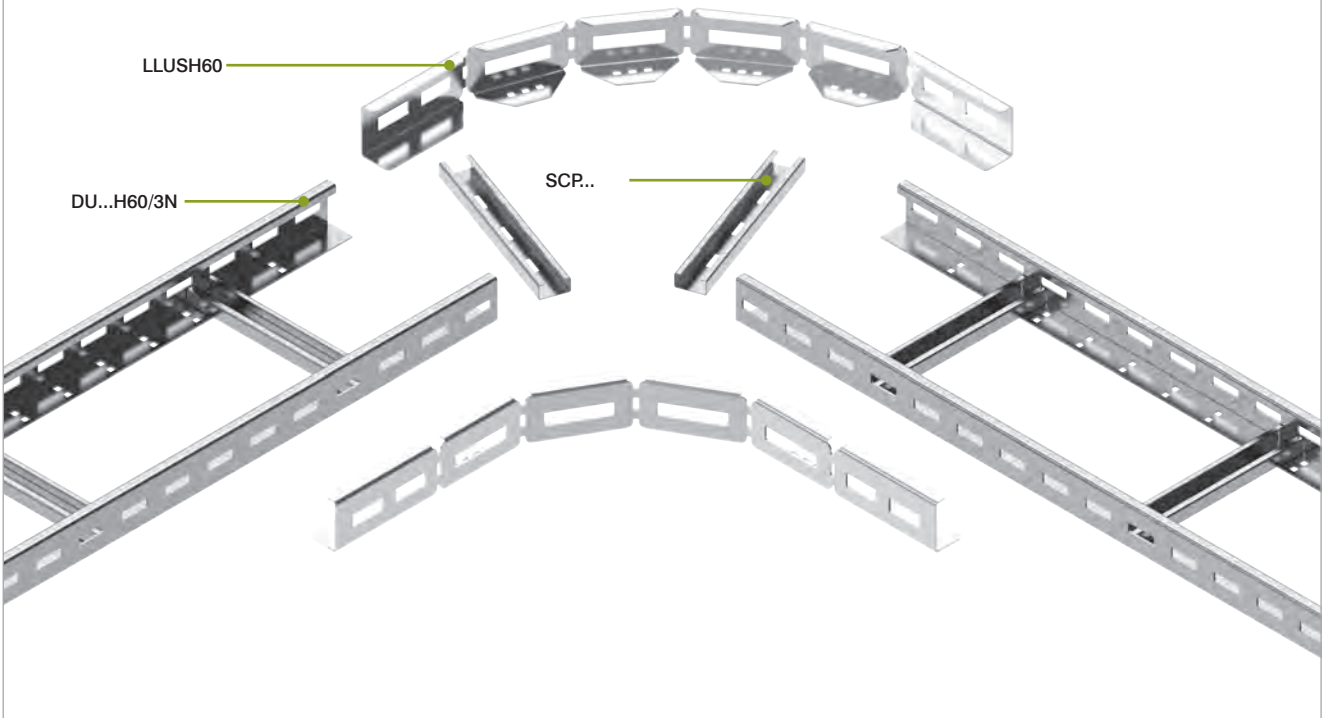
Example of a T-piece with two cable ladders DU...H60/3N and two universal angle connectors LKU...H60



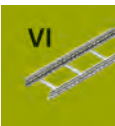
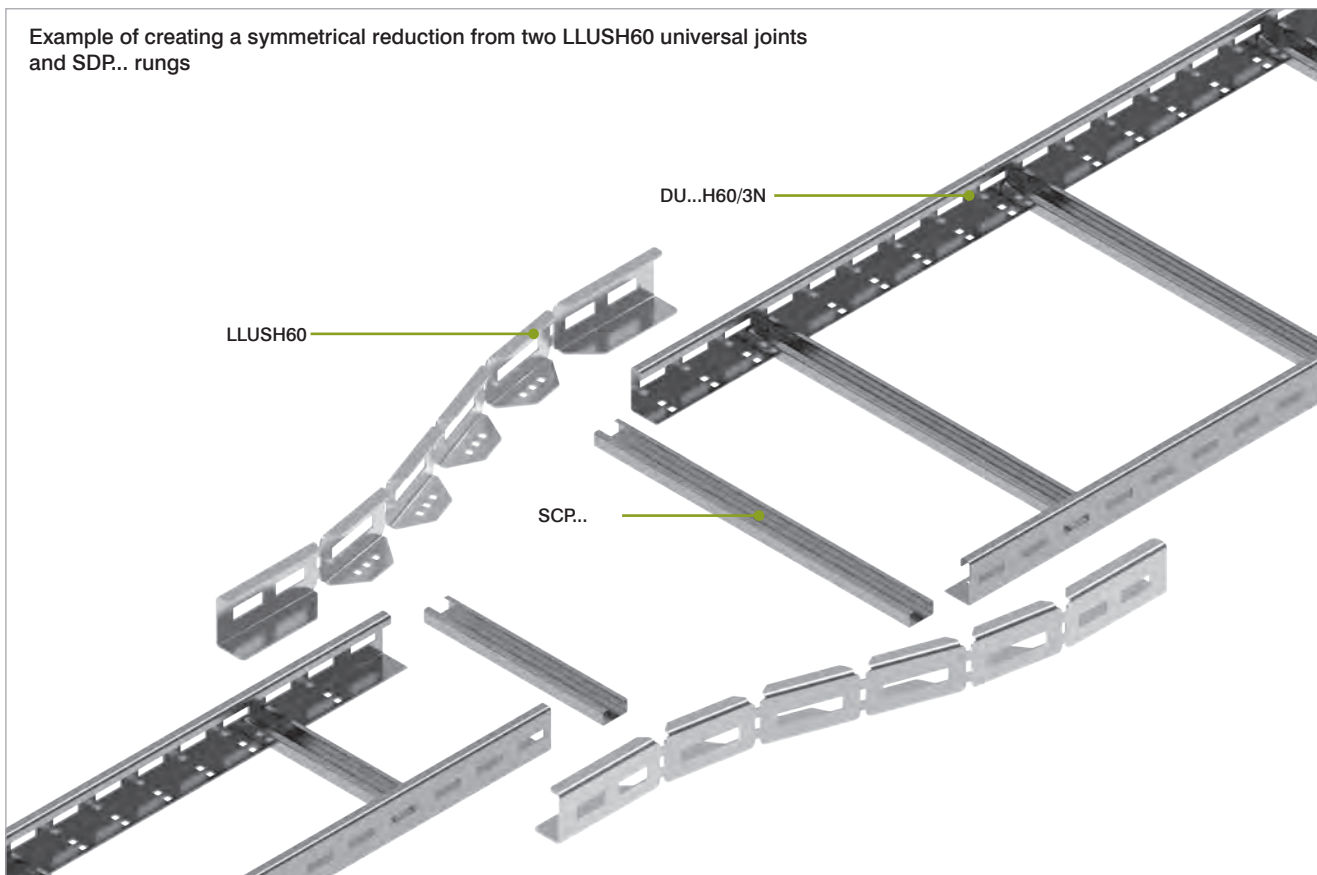
Example of a T-piece with two cable ladders DU...H60/3N, two LKUC2 universal angular connectors and two LDDKC2 add on connectors



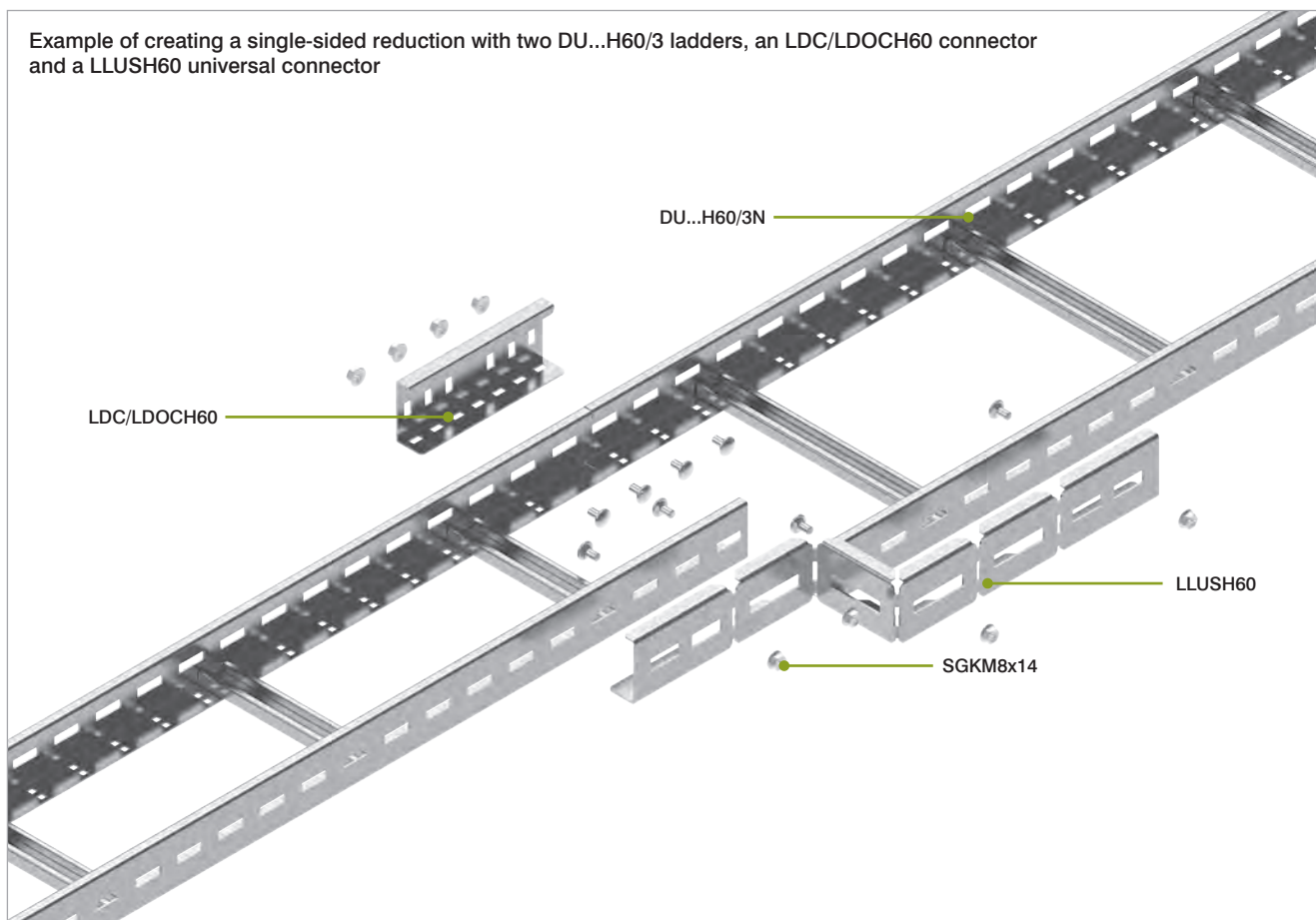
Example of creating an arch with two LLUSH60 universal connectors and SDP... rungs



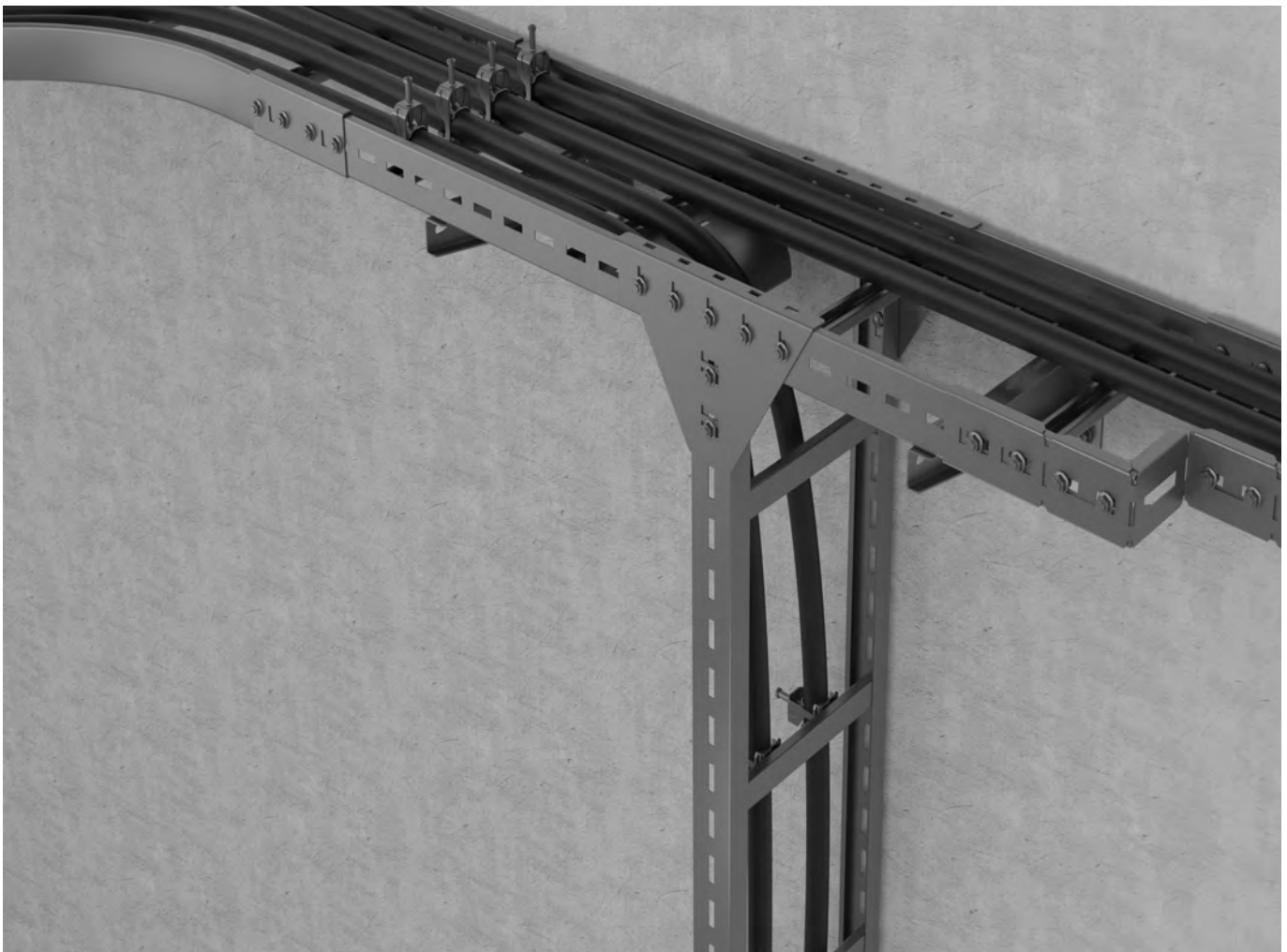
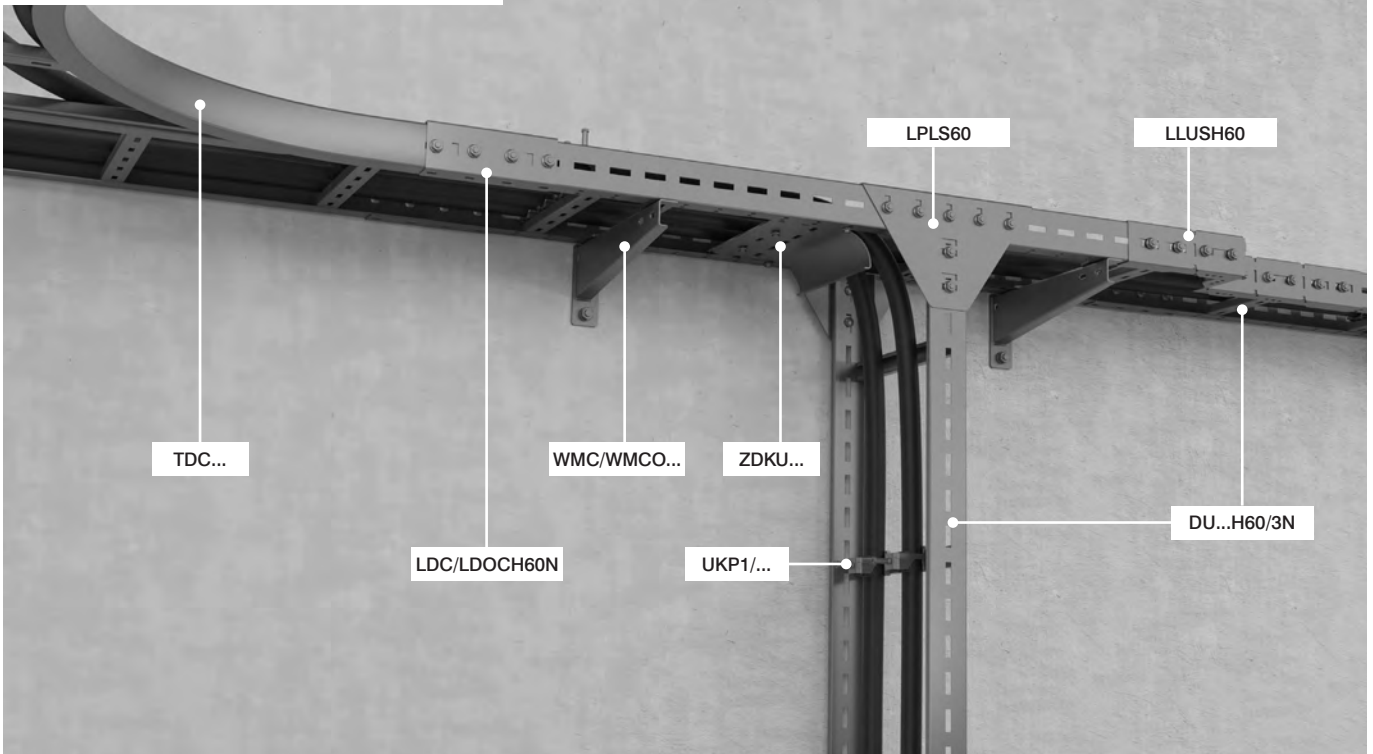
Example of creating a symmetrical reduction from two LLUSH60 universal joints and SDP.. rungs

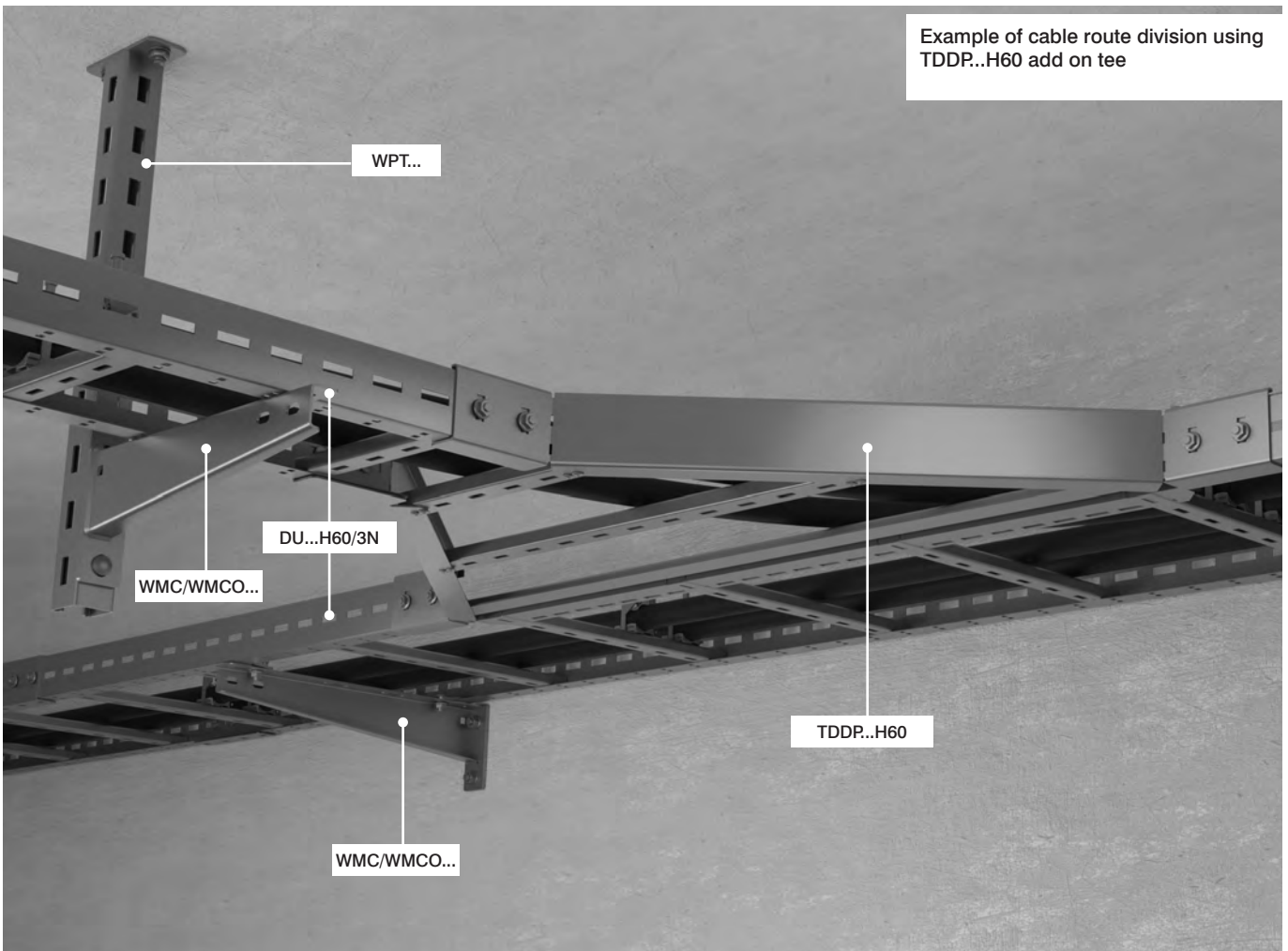
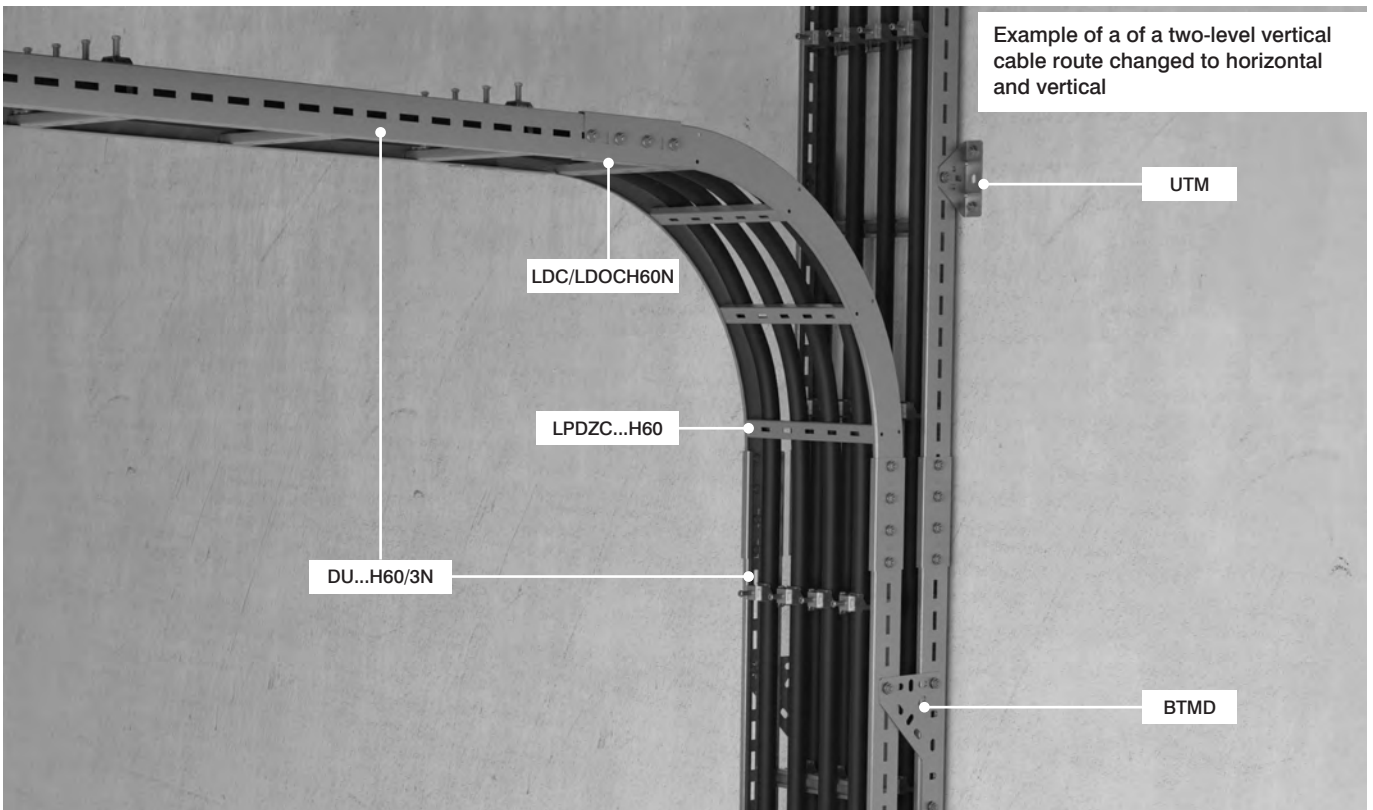


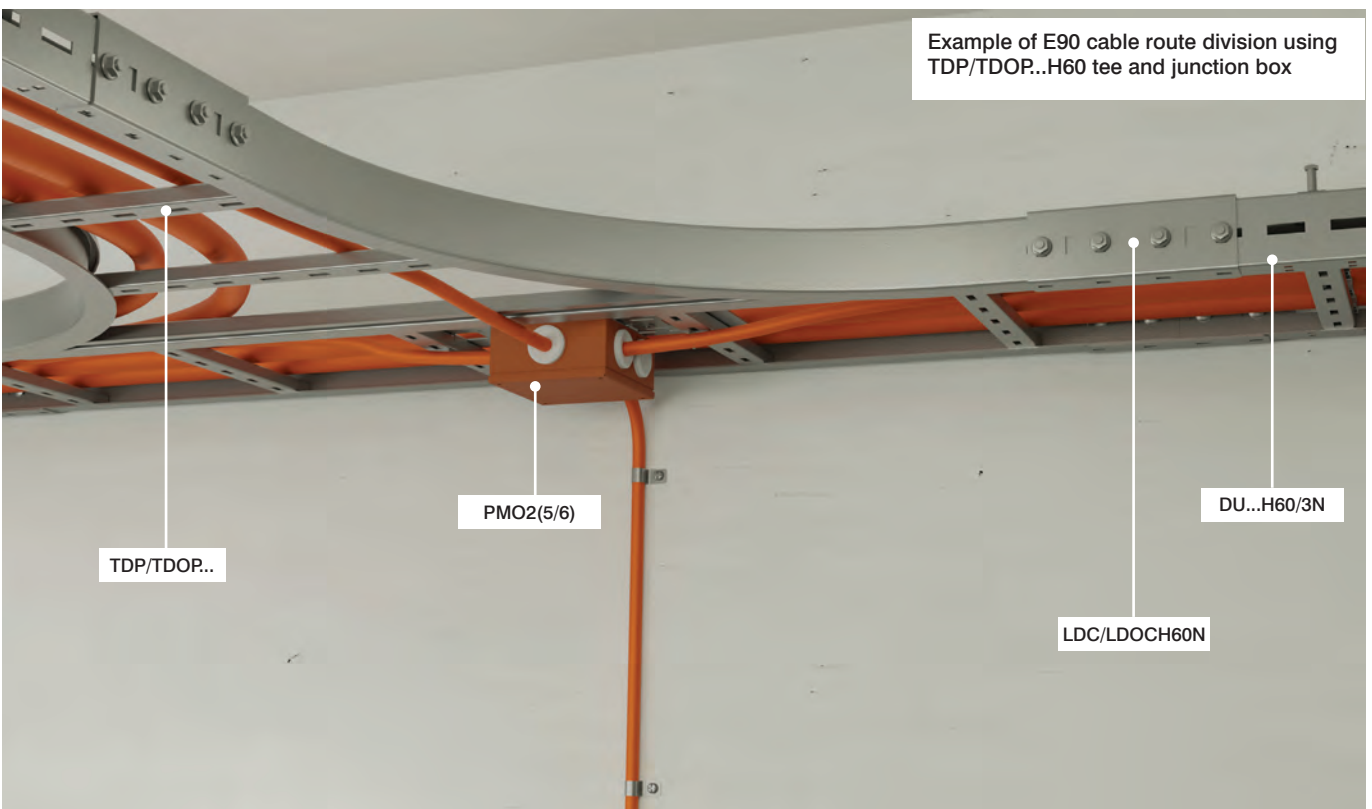
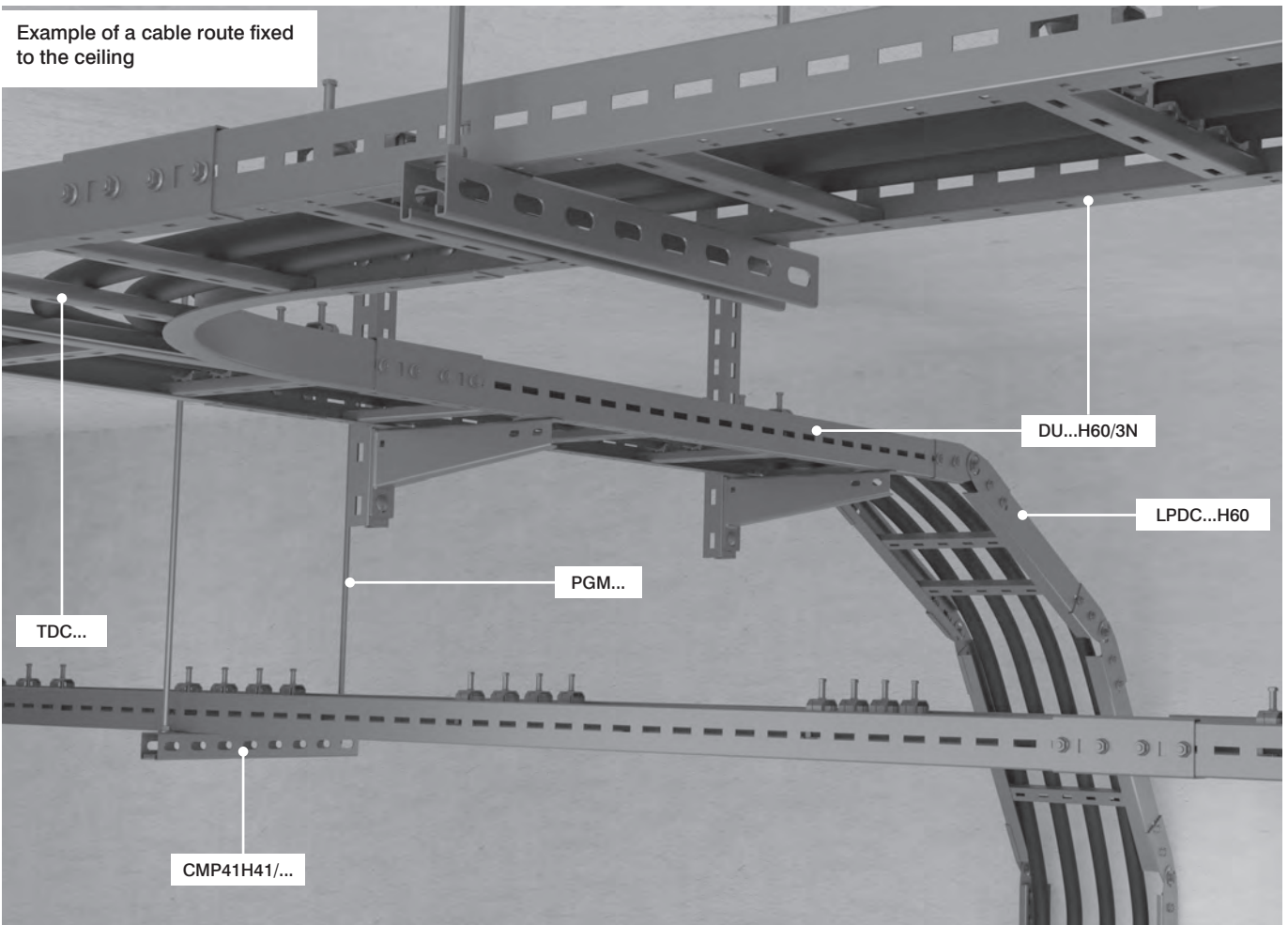
Example of creating a single-sided reduction with two DU...H60/3 ladders, an LDC/LDOCH60 connector and a LLUSH60 universal connector



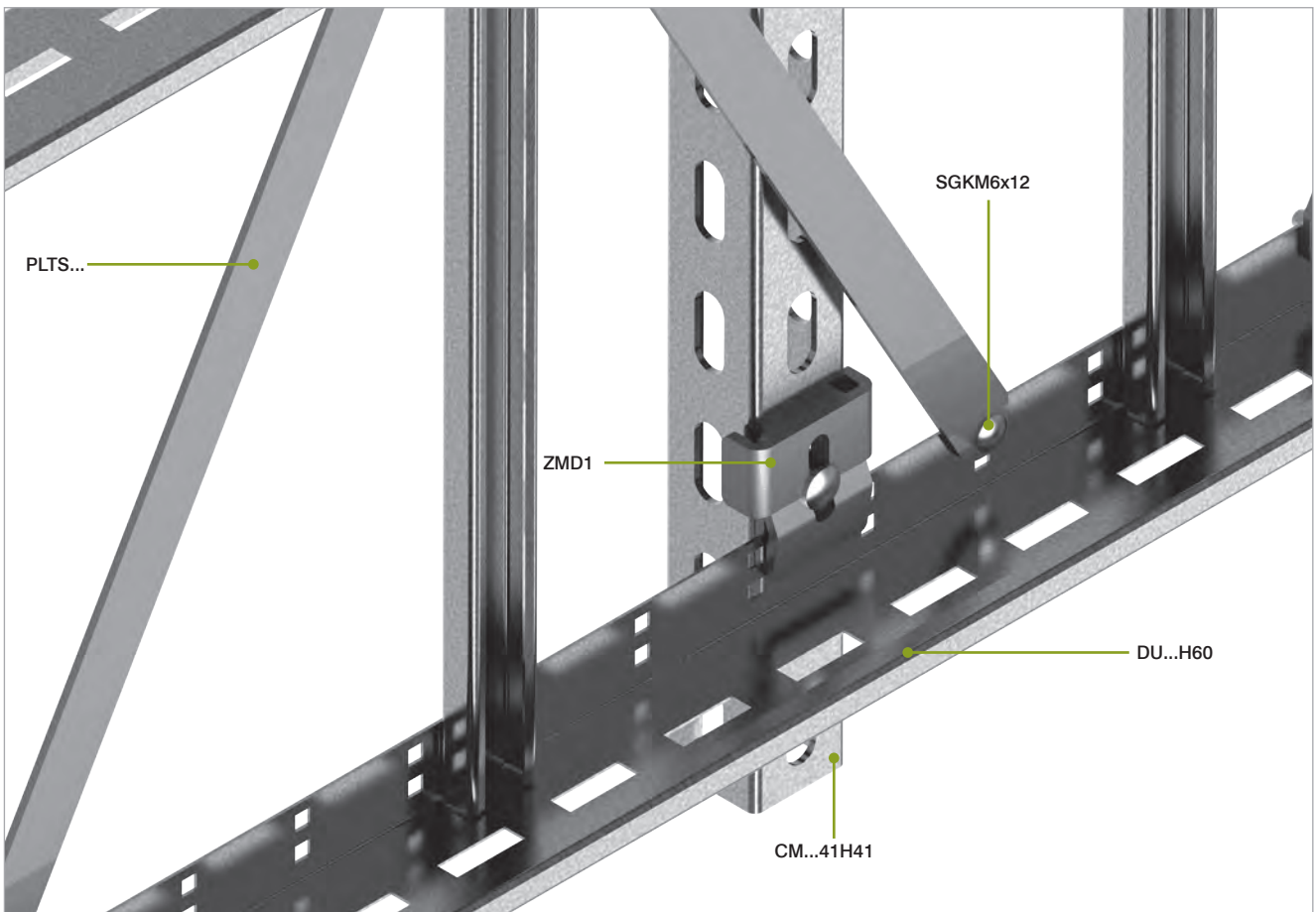
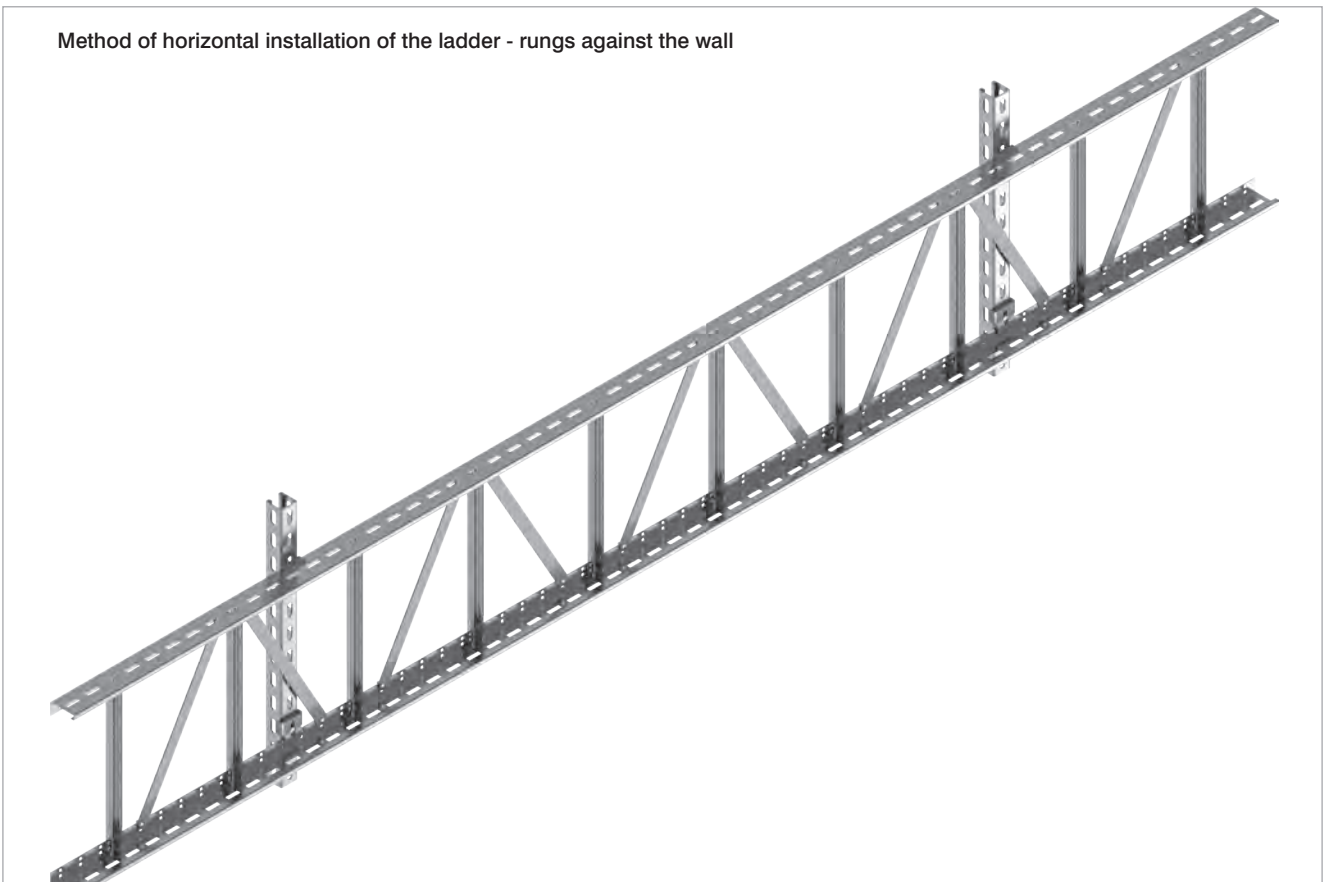
Example of a cable route, fixed to the wall







Method of horizontal installation of the ladder - rungs against the wall





Example of vertical ladder installation with LCKD bracket



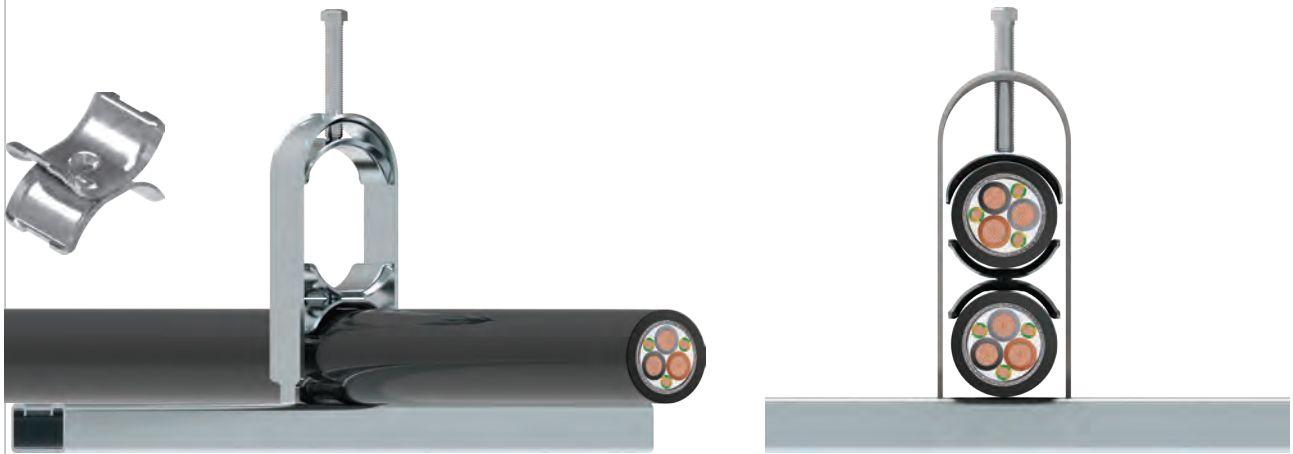
DUVC...H60/3

LCKD

UKZ1/UKZO1



Example of use of cable separator SUK2...



Example of use of UKP1 and UKZP1 cable clamps with plastic husk

