

RENEWABLE ENERGY SOLUTIONS



Renewable energy with Meka® products - *sustainably and safely*





Environment and Meka Pro

The environment is one of Meka Pro's core values. The company's environmental management is based on identifying the environmental impact of its operations, products and services.

MEKA® products are carefully designed and manufactured to high quality standards for a long life. We ensure that our knowledge of environmental issues is constantly up-to-date and we keep abreast of developments in legislation and regulations.

Our carbon footprint

We continuously strive to improve our environmental performance. One example of this is that the carbon footprint of all Meka Pro Oy products has been calculated. Packaging is made from recyclable materials and we ensure that the packaging of the products we supply to the market is recycled, as we are a member of the Finnish Packaging Recycling RINKI Ltd.

Meka Pro Oy's quality and environmental systems are linked to the operating system, which constitutes all our main activities. Our environmental management system complies with the ISO 14001 standard.

Our goal for the near future is to be carbon neutral.

Renewable energy, sustainable choices

By choosing renewable energy options, you are making a significant and positive impact on the environment and a sustainable future. It also supports technological development and innovation. Renewable energy sources, such as solar power, exploit nature's own resources without significant emissions or environmental damage. This reduces dependence on conventional fuels and promotes a shift towards more sustainable energy sources.

Renewable energy sources offer local solutions and reduce dependence on centralised energy production, making energy operations more reliable and sustainable.

*Renewable energy production
is a sustainable choice.*



Surface Treatment Options

The choice of surface treatment for the products should be made based on the conditions on the site. MEKA® product names include a code to indicate their surface treatment, e.g. KS20-200 L=6000 **PG**.

PLASTIC

White or colored plastic

Atmospheric-Corrosivity Category
C1-C2
Standard
-

Plastic products are made of through-dyed plastic granules, by either injection moulding or extrusion.

Plastic products are not surface treated after manufacture.

EG

Steel, galvanised after manufacture

Atmospheric-Corrosivity Category
C1-C2
Standard
EN ISO 2081
Zinc layer strength on average 5-8 µm

Electro-galvanised products are made of non-surface-treated steel. The final product, such as a whole wire mesh tray or a bracket thereof is pre-treated and galvanised in an electrolytic basin. The zinc layer covers all surfaces of the product, including cutting surfaces and welding seams.

PG

Pre-galvanised steel

Atmospheric-Corrosivity Category
C1-C2
Standard
EN 10346
Zinc layer strength on average 20 µm

Pre-galvanised steel products are made of steel that is already galvanised. These products may also be called pre-galvanised, continuously galvanised or Sendzimir-galvanised.

HDG

Steel that has been dipped in molten zinc after manufacture (dip-galvanised)

Atmospheric-Corrosivity Category
C1-C4
Standard
EN ISO 1461
Zinc layer strength on average 45-55 µm

Hot-dip galvanised products are made of non-surface treated steel. The final product, such as a whole cable ladder or a bracket thereof is pre-treated and dipped in molten zinc. These products may also be called dip-galvanised. The zinc layer covers all surfaces of the product, including cutting surfaces and welding seams.

XPG

Pre-galvanized, specially coated steel

Atmospheric-Corrosivity Category
C1-C4
Standard
EN 10346
XPG® layer strength on average 23-24 µm

XPG® products are made of zinc-based special alloy coated steel. The special mixture forms a thin and tight film on the coating, which improves corrosion protection. Corrosion protection is based on cathodic and mechanical protection.

HST

Acid-proof stainless steel AISI 316L

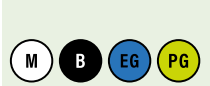
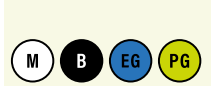




Atmospheric-Corrosivity Category
C1-CX
Standard
EN 10088

Acid-proof stainless steel products (HST) are made of acid-proof steel. Welded products are pickled after manufacture.



Corrosion Classification

EN ISO 12944

C1 Very low	C2 Low	C3 Medium	C4 High	C5 Very high	CX Extreme
OUTDOORS Not for outdoor use.	OUTDOORS Atmospheres with a low level of pollution: mostly rural areas.	OUTDOORS Urban and industrial atmospheres, moderate sulfur dioxide pollution; coastal areas with low salinity.	OUTDOORS Industrial areas and coastal areas with moderate salinity.	OUTDOORS Industrial areas with high humidity and aggressive atmosphere, and coastal areas with high salinity.	OUTDOORS Offshore areas with high salinity, industrial areas with extreme humidity, and aggressive atmospheres, sub-tropical or tropical atmospheres.
INDOORS Heated buildings with a clean atmosphere, e.g. offices, schools and hotels.	INDOORS Unheated buildings with a possibility for condensation, e.g. warehouses and sports halls.	INDOORS Production areas with high humidity and some atmospheric impurities, e.g. food product manufacturing plants.	INDOORS Chemical plants, swimming pools, coastal ship and boatyards.	INDOORS Buildings with almost permanent condensation and with high pollution.	INDOORS Industrial buildings with extreme humidity and aggressive atmosphere.
ZINC THICKNESS LOSS ≤ 0,1 µm / year	ZINC THICKNESS LOSS > 0,1-0,7 µm / year	ZINC THICKNESS LOSS > 0,7-2,1 µm / year	ZINC THICKNESS LOSS > 2,1-4,2 µm / year	ZINC THICKNESS LOSS > 4,2-8,4 µm / year	ZINC THICKNESS LOSS > 8,4-25 µm / year
RECOMMENDED SURFACE TREATMENT M, B, EG, PG	RECOMMENDED SURFACE TREATMENT M, B, EG, PG	RECOMMENDED SURFACE TREATMENT HDG, XPG	RECOMMENDED SURFACE TREATMENT HDG, XPG	RECOMMENDED SURFACE TREATMENT HST	RECOMMENDED SURFACE TREATMENT HST
					



NORTHERN POWER IN SOLAR PANELS – MEKA SOLAR NORDIC PV SYSTEM

Nordic PV System is a ground mounting system for solar panels manufactured in Finland and designed to withstand the variable weather conditions of the North. Installation methods involve direct ground piling or installation with Solar Foot on a concrete foundation or screw pile.

Meka Solar - designed to last

With Meka's ground mounting system for solar panels, you can ensure solar energy production year after year. Nordic PV System is a ground mounted solar panel system manufactured in Finland that is made to withstand the varying weather conditions of the north. The wind and snow load resistance of the system has been simulated according to Eurocode standards.

Easy and quick installation even in demanding conditions

Nordic PV System is suitable up to corrosion class C4 and is fully recyclable. The system consists of an optimised number of parts. All the necessary components are included with ground mounting system, from the assembly of the system to the mounting of the solar panels.* The main component of the system is the perforated C-Profile, which allows installation in the most challenging conditions and makes installation quick and easy. Span up to 2.8 m.

Why use solar energy?

Solar panel system installation in a detached house can reduce energy costs significantly. Producing solar energy in your own home is an environmentally friendly way to reduce your carbon footprint. For larger companies, solar energy offers a competitive alternative to traditional energy sources. Investing in solar energy can generate significant savings in the long term.

*For concrete foundations or screw piles
screws not included

*Fast and precise
delivery*



MEKA[®]
SOLAR
GROUND MOUNTING SYSTEM





NORDIC PV SYSTEM - For large and small solar panels

Two systems to suit panels of all sizes

NORDIC PV SYSTEM GL3

For large solar panels

Installation angle 30°
(Maximum panel size
2384 x 1303 mm)

NORDIC PV SYSTEM GS3

For small solar panel

Installation angles
30° and 40°
(Maximum panel size
1800 x 1200 mm)

 **MEKA**[®]
SOLAR





RENEWABLE ENERGY SOLUTIONS - *FROM MEKA PRO*

Ground-mounted solar panel system and suitable wire mesh trays

Perforated C-profile

- installation goes smoothly
even in the most
challenging conditions



Innovative bracket

- easy fixing of panels from
underneath the panels



Easy installation, quick deployment

Install smoothly with easy to follow
installation instructions
and our experienced product support

technicalsupport@meka.eu

Download the installation instructions
from our website



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Wire mesh tray cover		20
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Connector plate WMT CL1		22
Connection set WMT UC		22
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COMPLETE GROUND MOUNTING SET

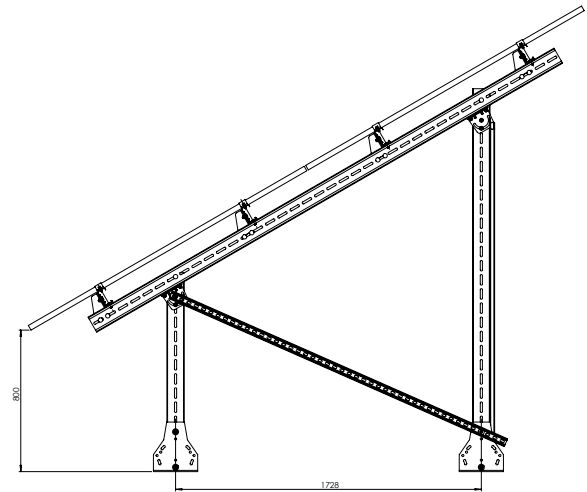
Nordic PV System GS3 2×6 SF

Ground mounting system for solar panels

Vertical mounting of panels. Two panels on top of each other and six next to each other. The mounting angle of the panels is 30°. Solar Foot bracket for ground screws or concrete foundation.

Suitable solar panel dimensions:

Maximum size of solar panels 1800*1200 mm.
Frame thickness 30-35 mm.



Snro 8004270

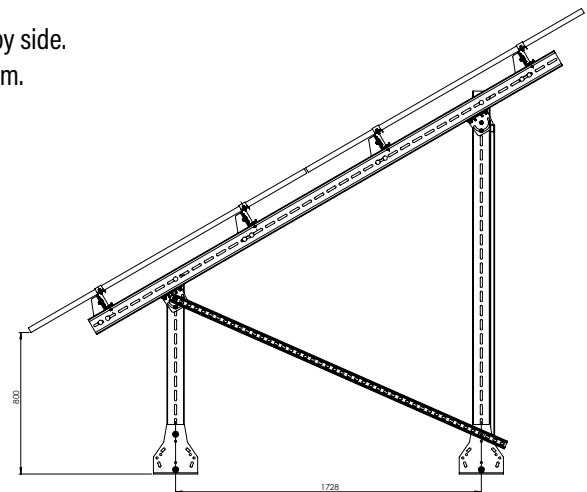
Nordic PV System GS3 2×6

Ground mounting system for solar panels

Installing the panels vertically with two panels stacked and six side by side. The angle of the panels is 30°. To be piled. The depth of the piling is 2 m.

Suitable solar panel dimensions:

Maximum size of solar panels 1800*1200 mm.
Frame thickness 30-35 mm.



Snro 8004271



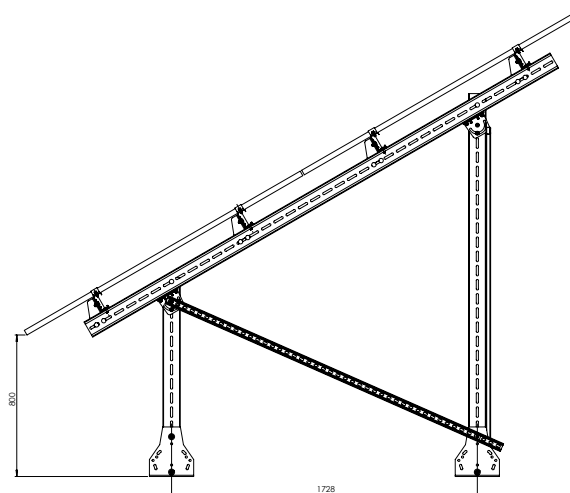
Nordic PV System GS3 2×12 SF

Ground mounting system for solar panels

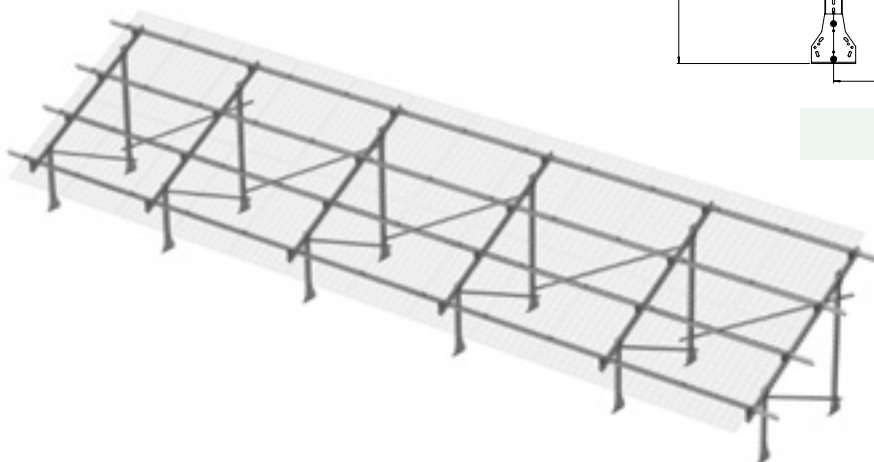
Vertical mounting of panels. Two panels on top of each other and twelve next to each other. The mounting angle of the panels is 30°. Solar Foot bracket for ground screws or concrete foundation.

Suitable solar panel dimensions:

The maximum size of solar panels 1800*1200 mm.
Frame thickness 30-35 mm.



Snro 8004272



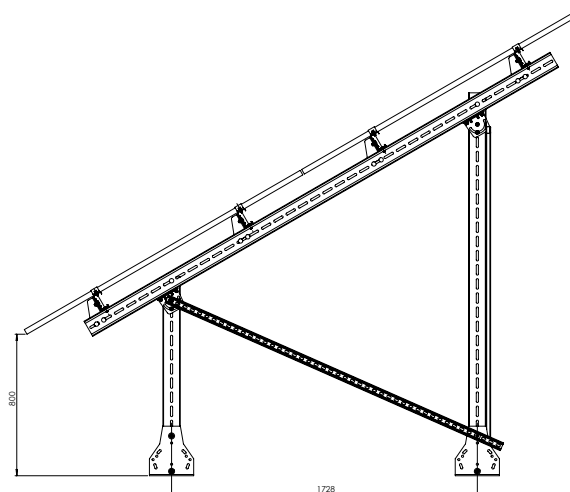
Nordic PV System GS3 2×12

Ground mounting system for solar panels

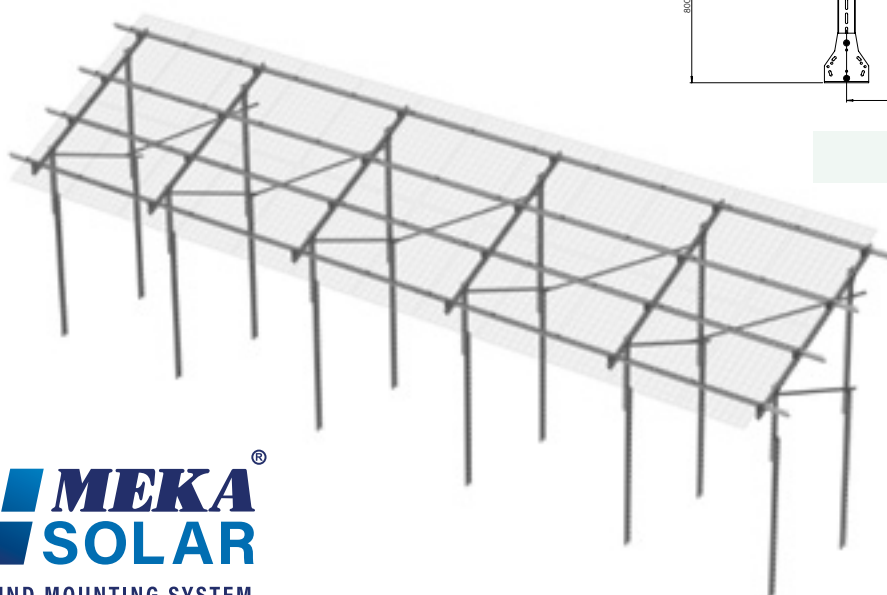
Vertical mounting of panels. Two panels on top of each other and twelve next to each other. Panel mounting angle 30°. Piled. The depth of the pile is 2 m.

Suitable solar panel dimensions:

The maximum size of solar panels 1800*1200 mm.
Frame thickness 30-35 mm.



Snro 8004273

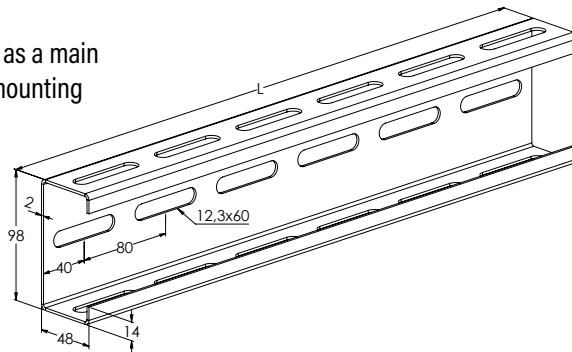


MEKA SOLAR NORDIC PV SYSTEM PARTS

C-PROFILE 48×98 XPG

C-Profile

Perforated C-Profile is used as a main component in the ground-mounting system for solar panels.

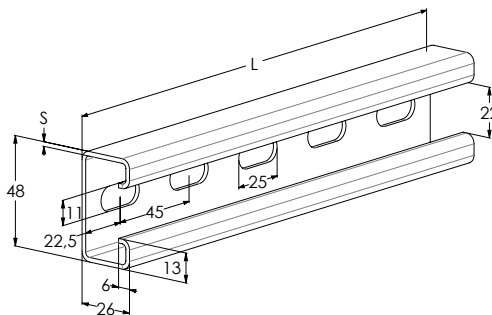


XPG

AS HDG / XPG

Mounting rail

Solar panel support rail, is used in the ground mounting system of solar panels.



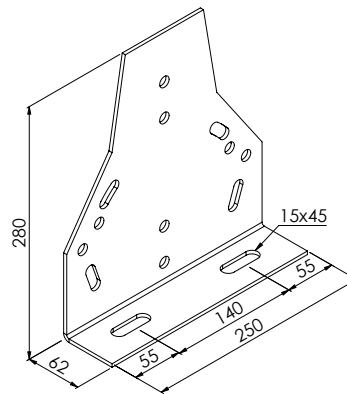
HDG

XPG

SOLAR FOOT 48×98 XPG

Fastener for concrete

Mounting bracket for the solar panel ground-mounted system, for concrete foundation or screw pile. Used as part of the solar panel ground-mounted system.

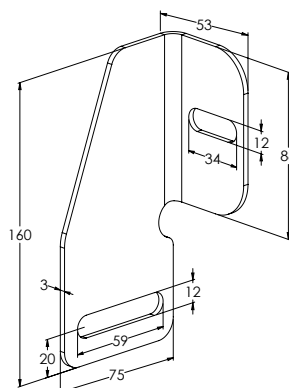


XPG

C-PROFILE BS XPG

C-Profile back support

C-Profile back support, is used to support horizontal C-Profiles in the ground-mounted solar panel system.



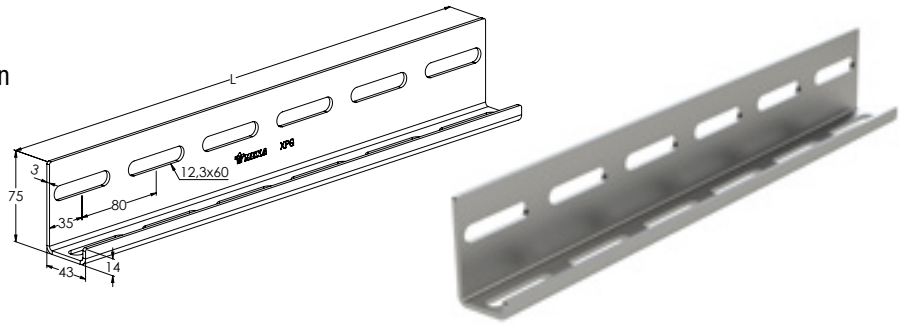
XPG



C-PROFILE J XPG

C-Profile extension

C-Profile extension, can be used to join two C-Profiles together and extend them into a longer, unified piece. C-Profile XPG is used in solar panel systems.

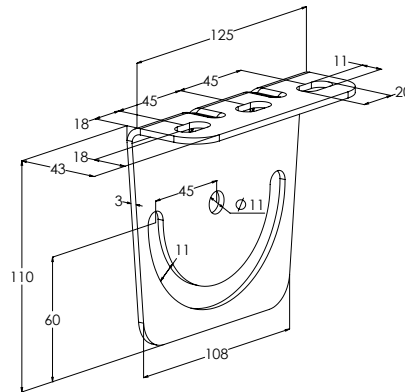


XPG

RTF-S-10 XPG

Fastener

The support for the legs of the ground-mounted solar panel system. In the ground-mounted system, the RTF-S-10 is attached to the end of the C-profile acting as a leg to support the angled C-profile.



XPG

AL K M10 HDG

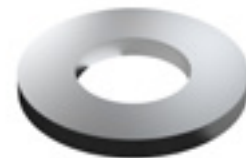
Washer



HDG

AL M10 HDG

Washer



HDG

RS 8 HDG

Bolt set M10x25.

Includes screw and nut.



HDG

RS SOLAR AS

Bolt set

Screw set for AS rail for solar panels for ground installations.



HDG



SOLAR MC

Solar panel clamp

Middle clamp for solar panel, for panels with a thickness of 30-40 mm. Attached to the C-profile in solar panel systems.

SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
8004230	x SOLAR MC30	0.066	1 PCE
8004231	x SOLAR MC35	0.068	1 PCE
8004232	x SOLAR MC40	0.07	1 PCE

SOLAR MC30



SOLAR MC35



SOLAR MC40



AL

SOLAR EC

Solar panel clamp

End clamp for solar panel, for panels with a thickness of 30-40 mm. Attached to the C-profile in solar panel systems.

SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
8004235	x SOLAR EC30	0.064	1 PCE
8004236	x SOLAR EC35	0.066	1 PCE
8004237	x SOLAR EC40	0.0663	1 PCE

SOLAR EC30



SOLAR EC35



SOLAR EC40



AL

C-PROFILE SC XPG

C-Profile Solar Clamp

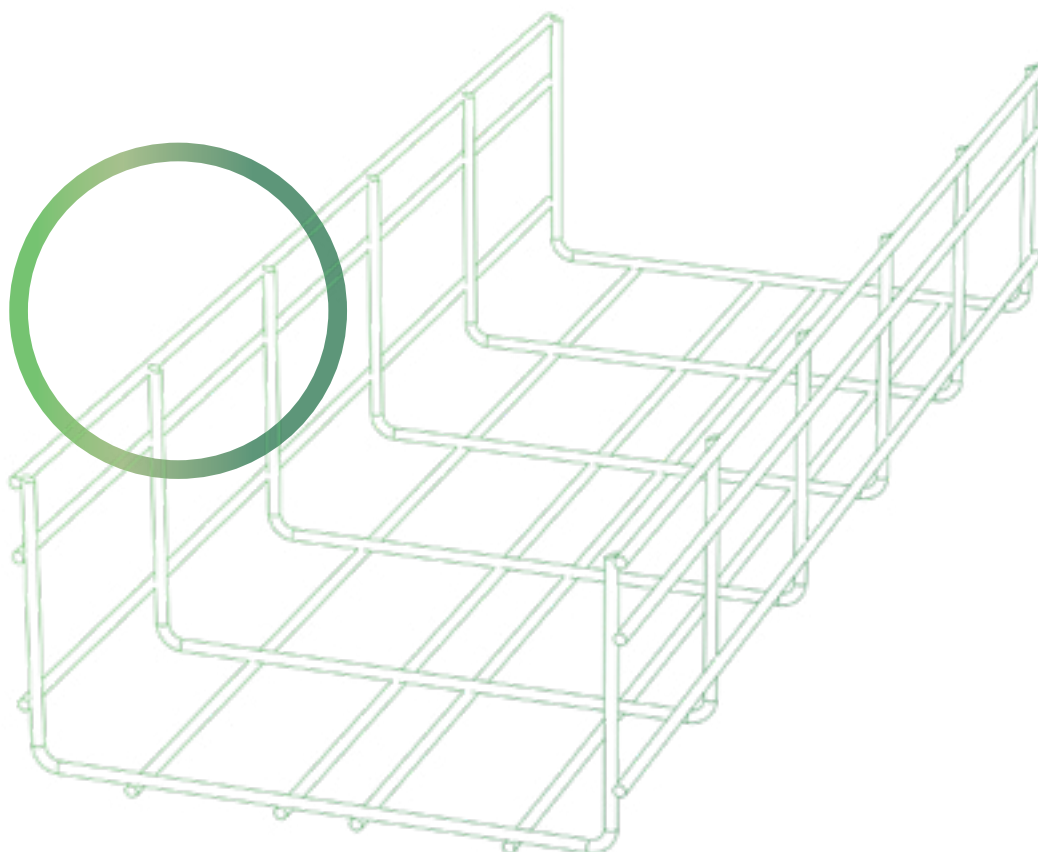
Solar panel clamp for C-Profile. Solar MC -middle clamp or Solar EC -end clamp is also required. C-Profile Solar Clamp is used to attach solar panels from below in.



XPG



MEKA SOLAR NORDIC PV SYSTEM - WMT-WIRE MESH TRAYS

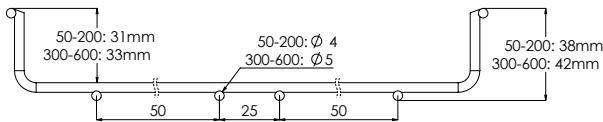
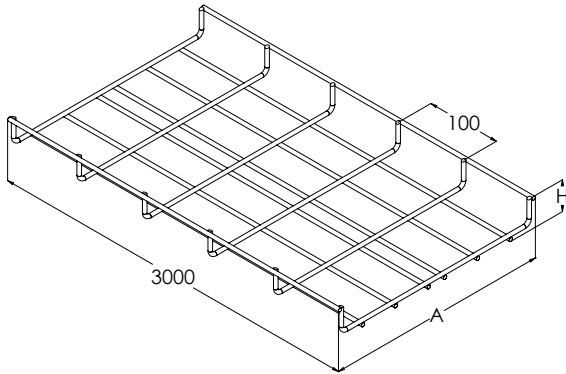
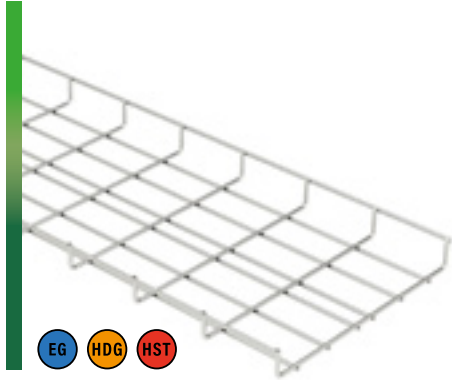


Wire mesh tray WMT-30	16
Wire mesh tray WMT-50	17
Wire mesh tray WMT-100	17
Wire mesh tray WMT-150	19
Wire mesh tray cover	20
Snap in connector WMT SC1	20
Snap in connector WMT SC2	21
Connector set WMT CL	21
Connector plate WMT CL1	22
Connection set WMT UC	22
Connection plate WMT UC1	23
Connection plate WMT UC1D	23
End plug WMT EP4 and WMT EP5	24
Wall bracket WMT WB1	24
Wall bracket WMT WB2	25
Cable clamp CCB-12 PG	25

Wire mesh tray WMT-30

30 mm height wire mesh trays.

Wire mesh trays are used mainly for lower load capacities, lightweight cables, angular lines or at places with special requirements for ventilation or hygienic e.g. ICT, food industry and renewable energy solutions.



SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1444999	WMT-30-50 L=3000 EG	1.5	50	38	120 PCE / 360 MTR
1448400	x WMT-30-70 L=3000 EG	1.55	70	38	88 PCE / 264 MTR
1448401	x WMT-30-100 L=3000 EG	1.64	100	38	64 PCE / 192 MTR
1448402	x WMT-30-200 L=3000 EG	2.55	200	38	64 PCE / 192 MTR
1448403	x WMT-30-300 L=3000 EG	5.39	300	42	30 PCE / 90 MTR
1448404	WMT-30-400 L=3000 EG	6.81	400	42	32 PCE / 96 MTR
1448405	WMT-30-500 L=3000 EG	8.22	500	42	32 PCE / 96 MTR
1448406	WMT-30-600 L=3000 EG	9.63	600	42	32 PCE / 96 MTR

EG Electroplated with zinc after manufacturing in accordance with standard EN ISO 2081 : C1-C2

SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1448499	WMT-30-50 L=3000 HDG	1.7	50	38	120 PCE / 360 MTR
1448500	WMT-30-70 L=3000 HDG	1.75	70	38	88 PCE / 264 MTR
1448501	WMT-30-100 L=3000 HDG	1.85	100	38	64 PCE / 192 MTR
1448502	WMT-30-200 L=3000 HDG	2.88	200	38	64 PCE / 192 MTR
1448503	WMT-30-300 L=3000 HDG	6.09	300	42	30 PCE / 90 MTR
1448504	WMT-30-400 L=3000 HDG	7.7	400	42	32 PCE / 96 MTR
1448505	WMT-30-500 L=3000 HDG	9.29	500	42	32 PCE / 96 MTR
1448506	WMT-30-600 L=3000 HDG	10.88	600	42	32 PCE / 96 MTR

HDG Manufactured of stainless steel in accordance with standard EN 10088:C1-C4

SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1448599	WMT-30-50 L=3000 HST	1.54	50	38	120 PCE / 360 MTR
1448600	x WMT-30-70 L=3000 HST	1.59	70	38	88 PCE / 264 MTR
1448601	WMT-30-100 L=3000 HST	1.68	100	38	64 PCE / 192 MTR
1448602	WMT-30-200 L=3000 HST	2.62	200	38	64 PCE / 192 MTR
1448603	WMT-30-300 L=3000 HST	5.53	300	42	30 PCE / 90 MTR
1448604	WMT-30-400 L=3000 HST	6.99	400	42	32 PCE / 96 MTR
1448605	WMT-30-500 L=3000 HST	8.43	500	42	32 PCE / 96 MTR
1448606	WMT-30-600 L=3000 HST	9.88	600	42	32 PCE / 96 MTR

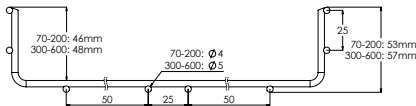
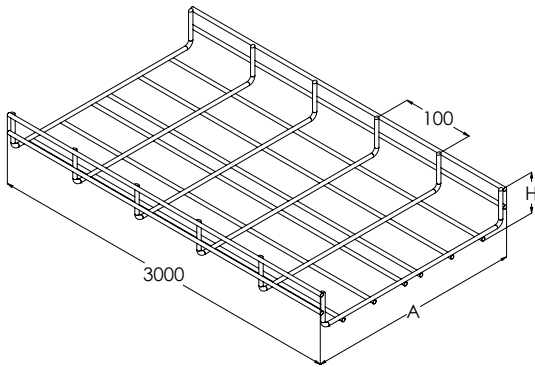
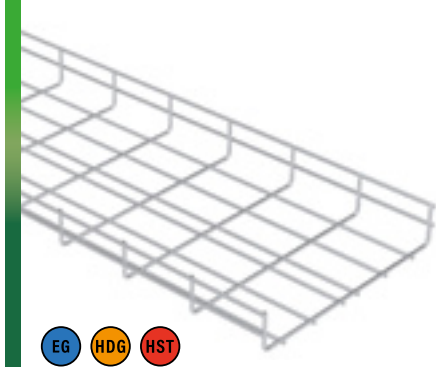
HST Hot-dip galvanized after manufacturing in accordance with standard EN ISO 1461: C1-CX



Wire mesh tray WMT-50

50 mm height wire mesh trays.

Wire mesh trays are used mainly for lower load capacities, lightweight cables, angular lines or at places with special requirements for ventilation or hygienic e.g. ICT, food industry and renewable energy solutions.



SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1448407	x WMT-50-70 L=3000 EG	2.23	70	53	88 PCE / 264 MTR
1448408	x WMT-50-100 L=3000 EG	2.32	100	53	64 PCE / 192 MTR
1448409	x WMT-50-200 L=3000 EG	3.23	200	53	64 PCE / 192 MTR
1448410	x WMT-50-300 L=3000 EG	6.46	300	57	48 PCE / 144 MTR
1448411	WMT-50-400 L=3000 EG	7.87	400	57	32 PCE / 96 MTR
1448412	WMT-50-500 L=3000 EG	9.29	500	57	32 PCE / 96 MTR
1448413	WMT-50-600 L=3000 EG	10.7	600	57	32 PCE / 96 MTR

EG Electroplated with zinc after manufacturing in accordance with standard EN ISO 2081 : C1-C2

SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1448507	x WMT-50-70 L=3000 HDG	2.52	70	53	88 PCE / 264 MTR
1448508	x WMT-50-100 L=3000 HDG	2.62	100	53	64 PCE / 192 MTR
1448509	x WMT-50-200 L=3000 HDG	3.65	200	53	64 PCE / 192 MTR
1448510	WMT-50-300 L=3000 HDG	7.3	300	57	48 PCE / 144 MTR
1448511	WMT-50-400 L=3000 HDG	8.89	400	57	32 PCE / 96 MTR
1448512	WMT-50-500 L=3000 HDG	10.5	500	57	32 PCE / 96 MTR
1448513	WMT-50-600 L=3000 HDG	12.09	600	57	32 PCE / 96 MTR

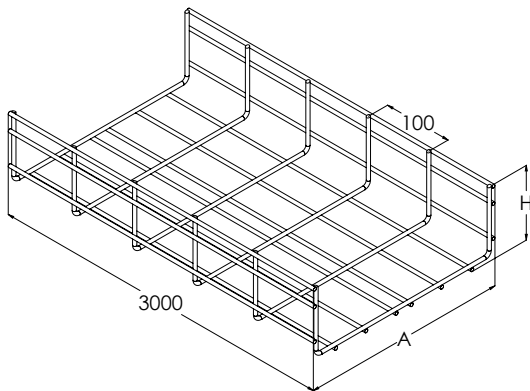
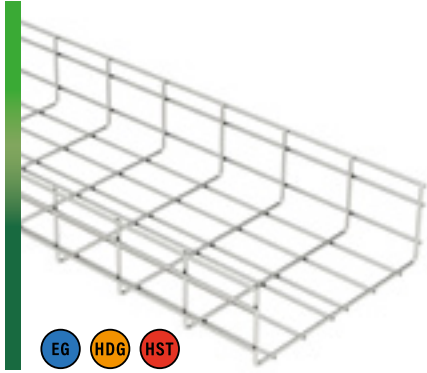
HDG Hot-dip galvanized after manufacturing in accordance with standard EN ISO 1461: C1-C4

SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1448607	WMT-50-70 L=3000 HST	2.29	70	53	88 PCE / 264 MTR
1448608	x WMT-50-100 L=3000 HST	2.38	100	53	64 PCE / 192 MTR
1448609	x WMT-50-200 L=3000 HST	3.31	200	53	64 PCE / 192 MTR
1448610	WMT-50-300 L=3000 HST	6.63	300	57	48 PCE / 144 MTR
1448611	WMT-50-400 L=3000 HST	8.08	400	57	32 PCE / 96 MTR
1448612	WMT-50-500 L=3000 HST	9.53	500	57	32 PCE / 96 MTR
1448613	WMT-50-600 L=3000 HST	10.98	600	57	32 PCE / 96 MTR

HST Manufactured of stainless steel in accordance with standard EN 10088 : C1-CX

Wire mesh tray WMT-100

100 mm height wire mesh trays. Wire mesh trays are used mainly for lower load capacities, lightweight cables, angular lines or at places with special requirements for ventilation or hygienic e.g. ICT, food industry and renewable energy solutions.



SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1448415	WMT-100-100 L=3000 EG	3.23	100	103	75 PCE / 225 MTR
1448416	WMT-100-200 L=3000 EG	4.13	200	103	40 PCE / 120 MTR
1448417	WMT-100-300 L=3000 EG	7.88	300	107	30 PCE / 90 MTR
1448418	WMT-100-400 L=3000 EG	9.29	400	107	20 PCE / 60 MTR
1448419	WMT-100-500 L=3000 EG	10.7	500	107	20 PCE / 60 MTR
1448420	WMT-100-600 L=3000 EG	12.12	600	107	20 PCE / 60 MTR

EG Electroplated with zinc after manufacturing in accordance with standard EN ISO 2081 : C1-C2

SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1448515	WMT-100-100 L=3000 HDG	3.65	100	103	75 PCE / 225 MTR
1448516	WMT-100-200 L=3000 HDG	4.67	200	103	40 PCE / 120 MTR
1448517	WMT-100-300 L=3000 HDG	8.9	300	107	30 PCE / 90 MTR
1448518	WMT-100-400 L=3000 HDG	10.5	400	107	20 PCE / 60 MTR
1448519	WMT-100-500 L=3000 HDG	12.09	500	107	20 PCE / 60 MTR
1448520	WMT-100-600 L=3000 HDG	13.69	600	107	20 PCE / 60 MTR

HDG Hot-dip galvanized after manufacturing in accordance with standard EN ISO 1461: C1-C4

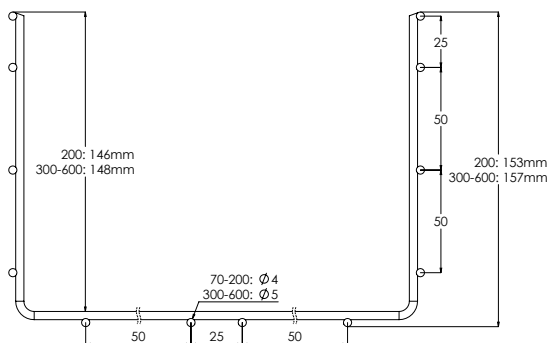
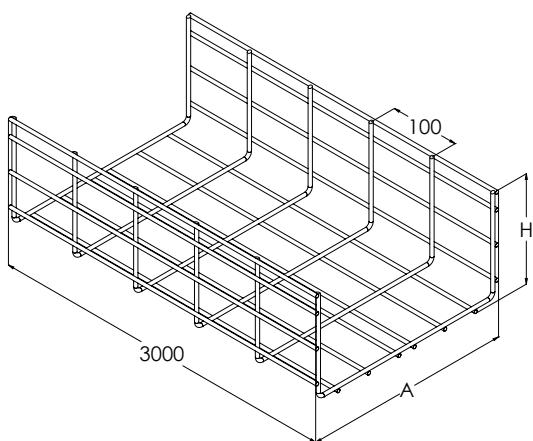
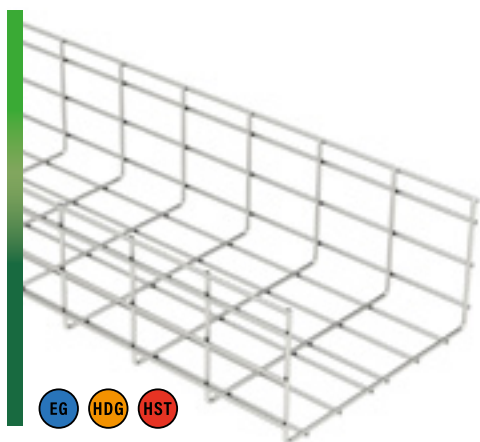
SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1448615	WMT-100-100 L=3000 HST	3.31	100	103	75 PCE / 225 MTR
1448616	WMT-100-200 L=3000 HST	4.24	200	103	40 PCE / 120 MTR
1448617	WMT-100-300 L=3000 HST	8.08	300	107	30 PCE / 90 MTR
1448618	WMT-100-400 L=3000 HST	9.53	400	107	20 PCE / 60 MTR
1448619	WMT-100-500 L=3000 HST	10.98	500	107	20 PCE / 60 MTR
1448620	WMT-100-600 L=3000 HST	12.43	600	107	20 PCE / 60 MTR

HST Manufactured of stainless steel in accordance with standard EN 10088 : C1-CX



Wire mesh tray WMT-150

150 mm height wire mesh trays. Wire mesh trays are used mainly for lower load capacities, lightweight cables, angular lines or at places with special requirements for ventilation or hygienic e.g. ICT, food industry and renewable energy solutions.



SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1448423	WMT-150-200 L=3000 EG	5.04	200	153	32 PCE / 96 MTR
1448424	WMT-150-300 L=3000 EG	9.29	300	157	24 PCE / 72 MTR
1448425	WMT-150-400 L=3000 EG	10.7	400	157	16 PCE / 48 MTR
1448426	WMT-150-500 L=3000 EG	12.12	500	157	16 PCE / 48 MTR
1448427	WMT-150-600 L=3000 EG	13.53	600	157	16 PCE / 48 MTR

EG Electroplated with zinc after manufacturing in accordance with standard EN ISO 2081 : C1-C2

SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1448523	WMT-150-200 L=3000 HDG	5.7	200	153	32 PCE / 96 MTR
1448524	WMT-150-300 L=3000 HDG	10.5	300	157	24 PCE / 72 MTR
1448525	WMT-150-400 L=3000 HDG	12.09	400	157	16 PCE / 48 MTR
1448526	WMT-150-500 L=3000 HDG	13.7	500	157	16 PCE / 48 MTR
1448527	WMT-150-600 L=3000 HDG	15.29	600	157	16 PCE / 48 MTR

HDG Hot-dip galvanized after manufacturing in accordance with standard EN ISO 1461: C1-C4

SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1448623	WMT-150-200 L=3000 HST	5.17	200	153	32 PCE / 96 MTR
1448624	WMT-150-300 L=3000 HST	9.53	300	157	24 PCE / 72 MTR
1448625	WMT-150-400 L=3000 HST	10.98	400	157	16 PCE / 48 MTR
1448626	WMT-150-500 L=3000 HST	12.44	500	157	16 PCE / 48 MTR
1448627	WMT-150-600 L=3000 HST	13.88	600	157	16 PCE / 48 MTR

HST Manufactured of stainless steel in accordance with standard EN 10088 : C1-CX

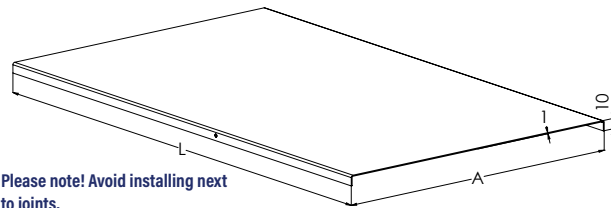
Wire mesh tray cover KRL

Covers KRL are used to protect cables from damage, dirt and UV radiation as well as finish the installation of KR-type cable trays' and KRV lighting support rails' straight sections. In horizontal installation covers stay at place quite tightly themselves, but if needed these can be fixed with screws.



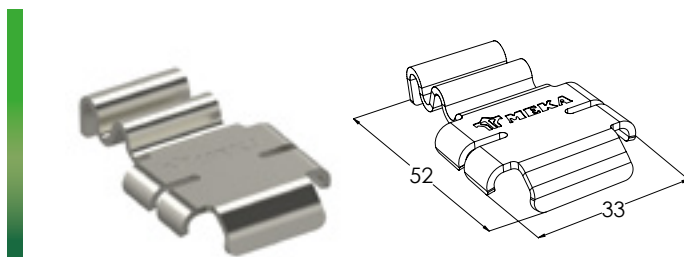
SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	H mm	PACKAGE
1478036	KRL-100 L=3000 XPG	2.03	102	3000	10 PCE / 30 MTR
1478037	x KRL-200 L=3000 XPG	3.73	202	3000	10 PCE / 30 MTR
1478038	x KRL-300 L=3000 XPG	7.31	302	3000	10 PCE / 30 MTR
1478039	KRL-400 L=3000 XPG	12.12	402	3000	10 PCE / 30 MTR
1478040	x KRL-500 L=3000 XPG	15.01	502	3000	10 PCE / 30 MTR
1478041	KRL-600 L=3000 XPG	17.91	602	3000	10 PCE / 30 MTR

XPG Manufactured of stainless steel in accordance with standard EN 10346 : C1-C4

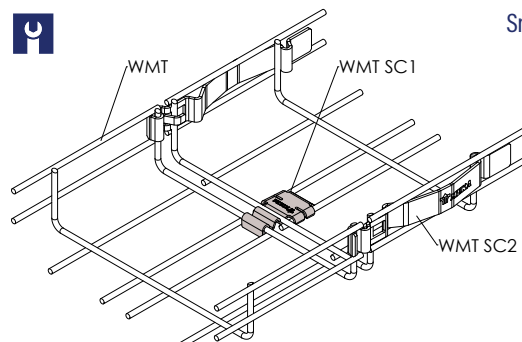


Snap in connector WMT SC1

Snap in connectors WMT SC1 are used for fast extension of 70-200 mm wide and 50-150 mm height wire mesh trays. Installation on bottom of trays. Correctly installed connectors create a sufficient electrical conductivity, which eliminates the need to install a separate grounding wire between wire mesh trays.



SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448723	x WMT SC1 EG	0.02	10 PCE / 1 BG
EG	Electroplated with zinc after manufacturing in accordance with standard EN ISO 2081 : C1-C2		
SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448724	x WMT SC1 HDG	0.02	10 PCE / 1 BG
HDG	HDG or corresponding corrosion protection : C1-C4		
SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448725	x WMT SC1 HST	0.02	10 PCE / 1 BG
HST	Manufactured of stainless steel in accordance with standard EN 10088 : C1-CX		



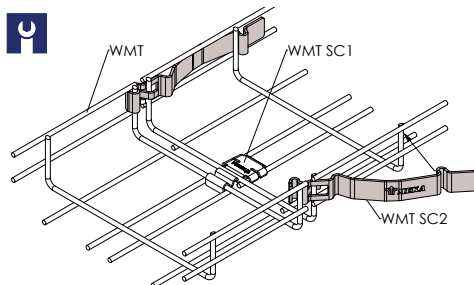
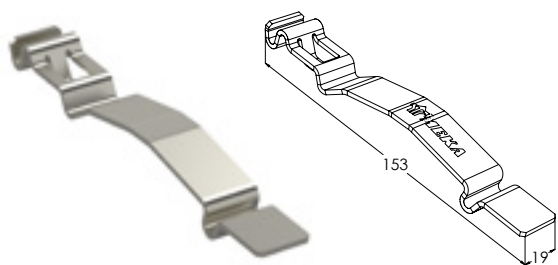
Snap in connector WMT SC1 is compatible with wire mesh trays that are 70-200 mm wide.

Wire mesh quick joints are made by first slotting and pushing snap in connector WMT SC1 in to the bottom of the tray, to the joint of the wire mesh trays, and then slotting and pushing in snap in connector WMT SC2 on both sides of the tray.



Snap in connector WMT SC2

Snap in connectors WMT SC2 are used for fast extension of 70-200 mm wide and 50-150 mm height wire mesh trays. Installation on both sides of trays. Correctly installed connectors create a sufficient electrical conductivity, which eliminates the need to install a separate grounding wire between wire mesh trays. Sales unit of WMT SC2 is package that includes 10 connectors.



See the installation video.

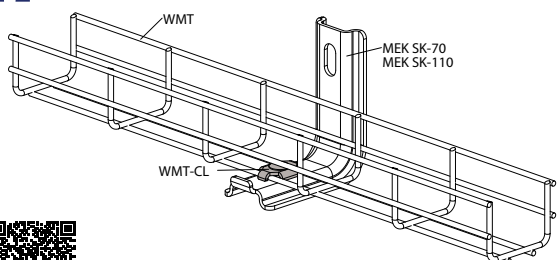
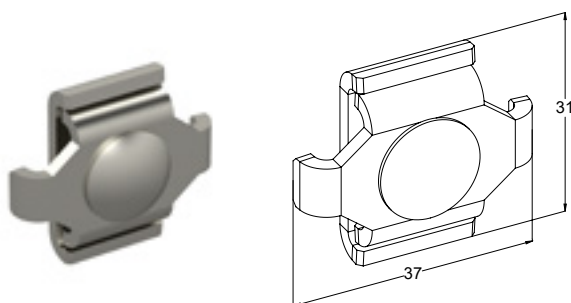
SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448726	x WMT SC2 EG	0.06	10 PCE / 1 BG
EG	Electroplated with zinc after manufacturing in accordance with standard EN ISO 2081 : C1-C2		
SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448727	x WMT SC2 HDG	0.06	10 PCE / 1 BG
HDG	HDG or corresponding corrosion protection : C1-C4		
SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448728	WMT SC2 HST	0.06	10 PCE / 1 BG
HST	Manufactured of stainless steel in accordance with standard EN 10088 : C1-CX		

Snap in connector WMT SC2 is compatible with wire mesh trays that are 70-200mm wide.

Wire mesh quick joints are made by first slotting and pushing snap in connector WMT SC1 in to the bottom of the tray, to the joint of the wire mesh trays, and then slotting and pushing in connector WMT SC2 on both sides of the tray.

Connector set WMT CL

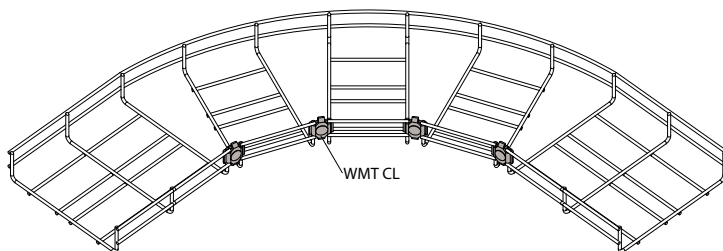
Connector sets WMT CL are used to extend wire mesh trays, attach trays to supports as well as make horizontal bends. Correctly installed joints create a sufficient electrical conductivity, which eliminates the need to install a separate grounding wire between wire mesh trays. Product set includes two plates, bolt and nut for fixing.



See the installation video.

Wall bracket MEK SK can be attached to the wire mesh tray with connector set WMT CL.

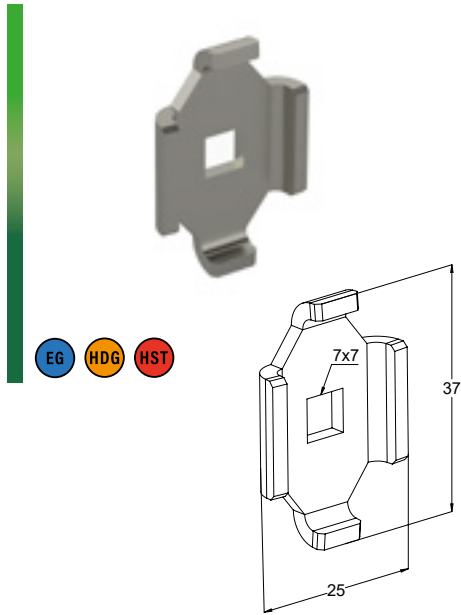
SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448710	x WMT CL EG	0.032	20 PCE / 1 BG
EG	Electroplated with zinc after manufacturing in accordance with standard EN ISO 2081 : C1-C2		
<i>Product includes screw set: 1448720 RS 4 EG (1 PCE)</i>			
SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448703	x WMT CL HDG	0.033	20 PCE / 1 BG
HDG	HDG or corresponding corrosion protection : C1-C4		
<i>Product includes screw set: 1448721 RS 4 HDG (1 PCE)</i>			
SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448706	x WMT CL HST	0.032	20 PCE / 1 BG
HST	Manufactured of stainless steel in accordance with standard EN 10088 : C1-CX		
<i>Product includes screw set: 1448722 RS 4 HST (1 PCE)</i>			



90° bends can be formed with connector set WMT CL by cutting the wire mesh tray as shown in the image and joining the edges together.

Connector plate WMT CL1

Connector plates WMT CL1 are used for mounting wire mesh trays to wall or floor. The plates are suitable for 70-100 mm width and 50-150 mm height trays. Sales unit of WMT CL1 is package that includes 20 pieces of WMT CL1.



SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448712	x WMT CL1 EG	0.013	20 PCE / 1 BG

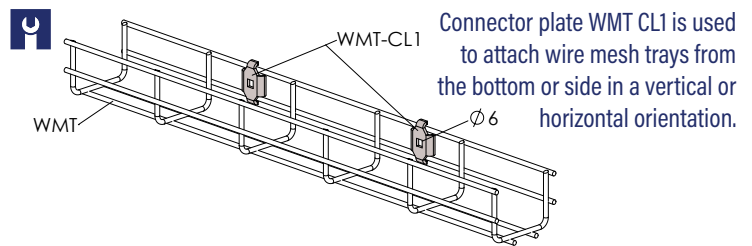
EG Electroplated with zinc after manufacturing in accordance with standard EN ISO 2081: C1-C2

SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448709	x WMT CL1 HDG	0.014	20 PCE / 1 BG

HDG HDG or corresponding corrosion protection: C1-C4

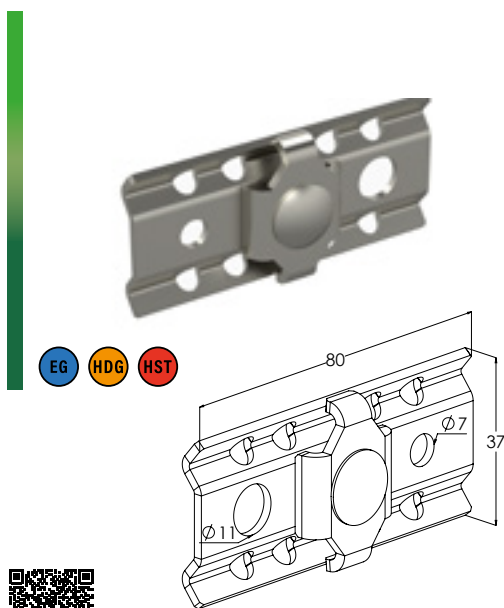
SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448700	x WMT CL1 HST	0.013	20 PCE / 1 BG

HST Manufactured of stainless steel in accordance with standard EN 10088 : C1-CX



Connection set WMT UC

Connection sets WMT UC are used to extend 50, 100 and 150 mm height wire mesh trays. Installation on both sides of trays. Correctly installed joints create a sufficient electrical conductivity, which eliminates the need to install a separate grounding wire between wire mesh trays. Product set includes plates UC1 and CL1, M6x20 bolt and M6 nut for fixing. Sales unit of WMT UC is package that includes 10 product sets.



SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448711	x WMT UC EG	0.061	10 PCE / 1 BG

EG Electroplated with zinc after manufacturing in accordance with standard EN ISO 2081: C1-C2

Product includes screw set: 1448720 RS 4 EG (1 PCE)

SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448701	x WMT UC HDG	0.062	10 PCE / 1 BG

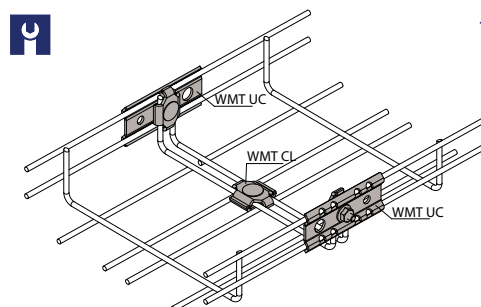
HDG HDG or corresponding corrosion protection : C1-C4

Product includes screw set:1448721 RS 4 HDG (1 PCE)

SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448702	x WMT UC HST	0.061	10 PCE / 1 BG

HST Manufactured of stainless steel in accordance with standard EN 10088 : C1-CX

Product includes screw set: 1448722 RS 4 HST (1 PCE)

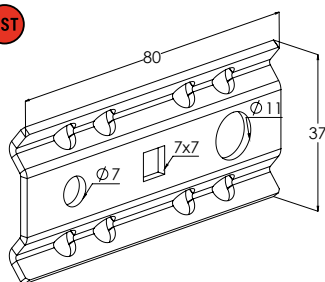
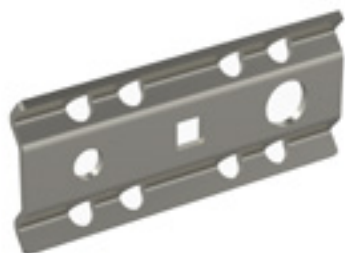


Two wire mesh trays can be joined together with two WMT UC connection sets and one WMT CL connector set.



Connection plate WMT UC1

Connection plates WMT UC1 are used to support wire mesh trays from the bottom. Sales unit of WMT UC1 is package that includes 10 pieces of WMT UC1.



SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448713	x WMT UC1 EG	0.041	10 PCE / 1 BG

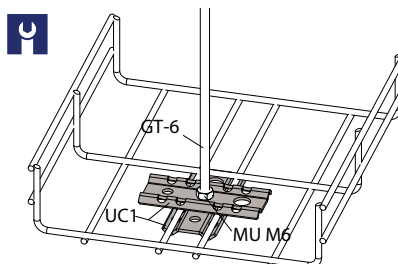
EG Electroplated with zinc after manufacturing in accordance with standard EN ISO 2081: C1-C2

SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448704	WMT UC1 HDG	0.042	10 PCE / 1 BG

HDG HDG or corresponding corrosion protection : C1-C4

SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448707	x WMT UC1 HST	0.041	10 PCE / 1 BG

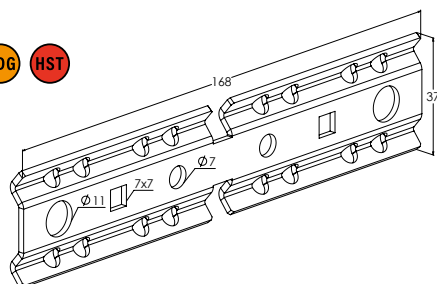
HST Manufactured of stainless steel in accordance with standard EN 10088 : C1-CX



Wire mesh brackets can be suspended to the ceiling with two WMT UC1 connection plates. The wire mesh tray is attached between connection plates with threaded rod GT-6 and two MU M6 nuts.

Connection plate WMT UC1D

WMT UC1D connection plates are used to make T- and X-connections in wire mesh trays as well as for mounting the ends of trays to a wall, floor or ceiling. Two WMT UC1D plates are needed for one connection or attachment. For fixing WMT UC1D to wire mesh trays plates WMT CL1 together with RS 4 bolt sets are suitable. Sales unit of WMT UC1D is package that includes 10 plates.



SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448714	x WMT UC1D EG	0.083	10 PCE / 1 BG

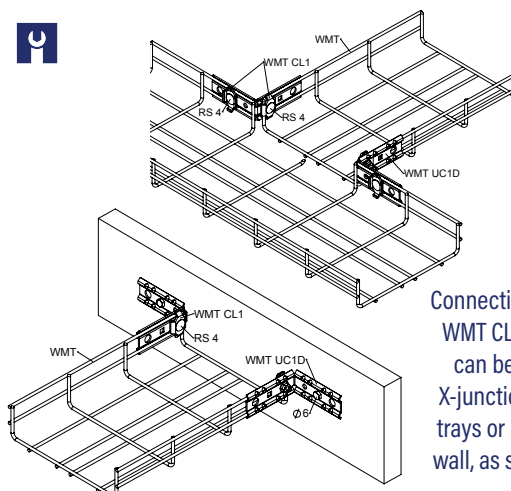
EG Electroplated with zinc after manufacturing in accordance with standard EN ISO 2081 : C1-C2

SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448705	x WMT UC1D HDG	0.084	10 PCE / 1 BG

HDG HDG or corresponding corrosion protection : C1-C4

SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448708	x WMT UC1D HST	0.083	10 PCE / 1 BG

HST Manufactured of stainless steel in accordance with standard EN 10088 : C1-CX



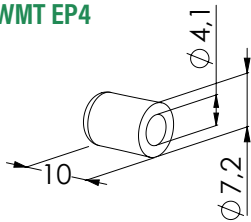
Connection plates WMT UC1D, WMT CL1 and screw set RS 4 can be used to make T- and X-junctions to the wire mesh trays or attach the tray to the wall, as shown in the images.

End plug WMT EP4 and WMT EP5

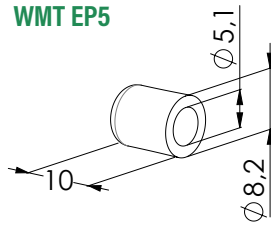
End plugs WMT EP are used to cover wire mesh trays wires' ends. Depending on WMT-tray's type the 4 or 5 mm diameter end plugs have to be selected. End plugs are made of LDPE plastic, which is suitable for food and beverage applications. Orange colour plugs are visible in dim light that is important for security reason. Sales unit of WMT EP is package that includes 100 end plugs.



WMT EP4



WMT EP5

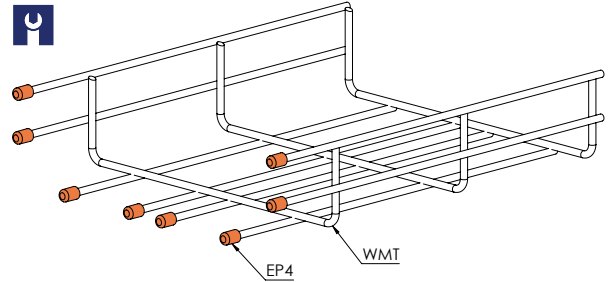


SRNO	PRODUCT x = stock product	PACKAGE
1448718	x WMT EP4	100 PCE / 1 BG

Orange plastic

SRNO	PRODUCT x = stock product	PACKAGE
1448719	x WMT EP5	100 PCE / 1 BG

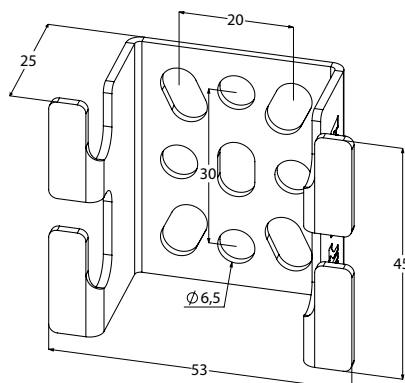
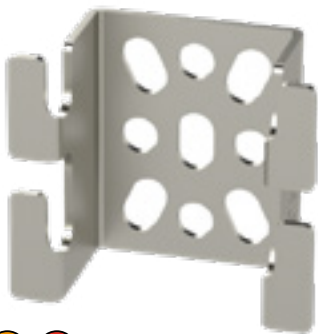
Orange plastic



Press the plug on the ends of the cut wires.

Wall bracket WMT WB1

Wall brackets WMT WB1 are used for mounting wire mesh trays to wall or floor. Suitable for 70-100 mm width and 50-150 mm height trays. Wire mesh trays can be fixed to wall brackets by bending brackets' hooks around the trays' wires.



SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448740	x WMT WB1 PG	0.04	10 PCE

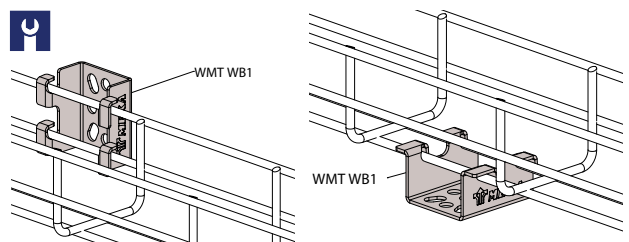
PG Manufactured of hot-dip galvanized steel in accordance with standard EN 10346 : C1-C2

SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448741	x WMT WB1 HDG	0.042	10 PCE

HDG Hot-dip galvanized after manufacturing in accordance with standard EN ISO 1461: C1-C4

SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448742	x WMT WB1 HST	0.041	10 PCE

HST Manufactured of stainless steel in accordance with standard EN 10088: C1-CX



Wire mesh trays can be attached to the wall or floor with wall bracket WMT WB1. Attach the wire mesh tray to the hooks on the bracket and bend the hooks into the wire.



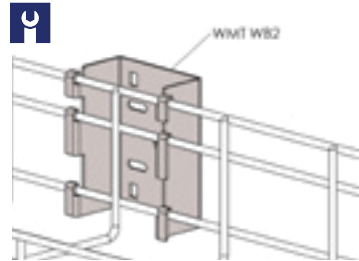
Wall bracket WMT WB2

Wall brackets WMT WB2 are used for mounting wire mesh trays to wall or floor. Suitable for 100-600 mm width and 30-150 mm height trays. Wire mesh trays can be fixed to wall brackets by bending brackets' hooks around the trays' wires.

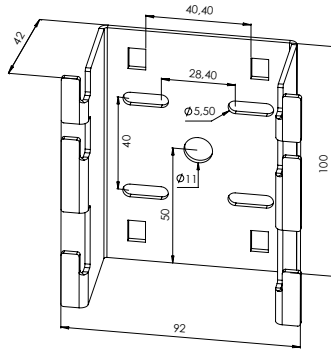
SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1448744	WMT WB2 XPG	0.232	10 PCE
XPG Manufactured of coated steel in accordance with standard EN 10346 : C1-C4			



XPG



Wire mesh trays can be attached to the wall or floor with wall bracket WMT WB2. Attach the wire mesh tray to the hooks on the bracket and bend the hooks into the wire.

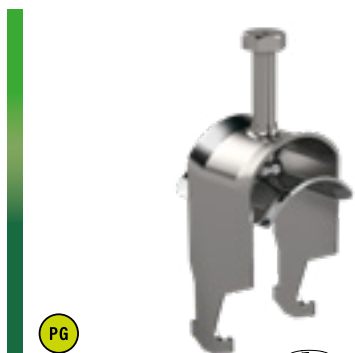


Cable clamp CCB-12 PG

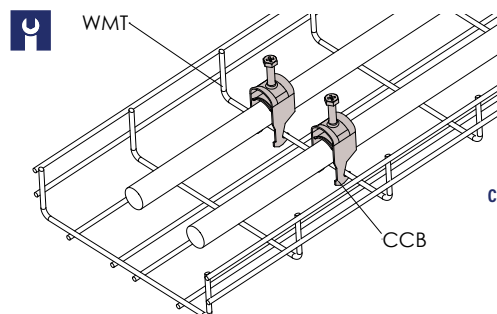
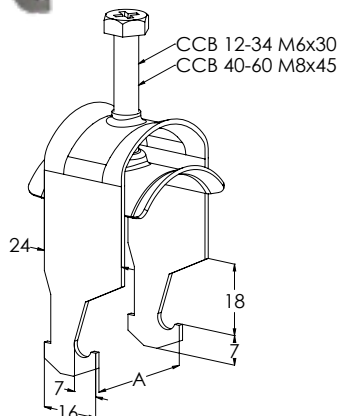
Cable clamps CCB are used to fix cables to cable ladders rungs from underneath, to wire mesh trays WMT and to rails CK. Tightening torque of clamps depends on size of clamps and is between 1 and 3 Nm. Sales unit of CCB clamps is package that includes 10 pieces of clamps.

SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	CABLE max. Ø mm	MOMENT max. Nm	PACKAGE
1342020	x CCB-12 PG	0.023	13	5-12 mm	1	10 PCE / 1 BG
1342021	x CCB-14 PG	0.026	15	10-14 mm	1	10 PCE / 1 BG
1342022	x CCB-18 PG	0.029	19	14-18 mm	1	10 PCE / 1 BG
1342023	x CCB-22 PG	0.032	23	17-22 mm	1.5	10 PCE / 1 BG
1342024	x CCB-26 PG	0.036	27	21-26 mm	1.5	10 PCE / 1 BG
1342025	x CCB-30 PG	0.043	31	25-30 mm	1.5	10 PCE / 1 BG
1342026	x CCB-34 PG	0.046	35	29-34 mm	1.5	10 PCE / 1 BG
1342027	x CCB-40 PG	0.083	41	35-40 mm	2	10 PCE / 1 BG
1342028	x CCB-46 PG	0.092	47	41-46 mm	2	10 PCE / 1 BG
1342029	x CCB-52 PG	0.101	53	47-52 mm	2	10 PCE / 1 BG
1342030	x CCB-60 PG	0.111	62	53-60 mm	3	10 PCE / 1 BG

PG Manufactured of hot-dip galvanized steel in accordance with standard EN 10346 : C1-C2



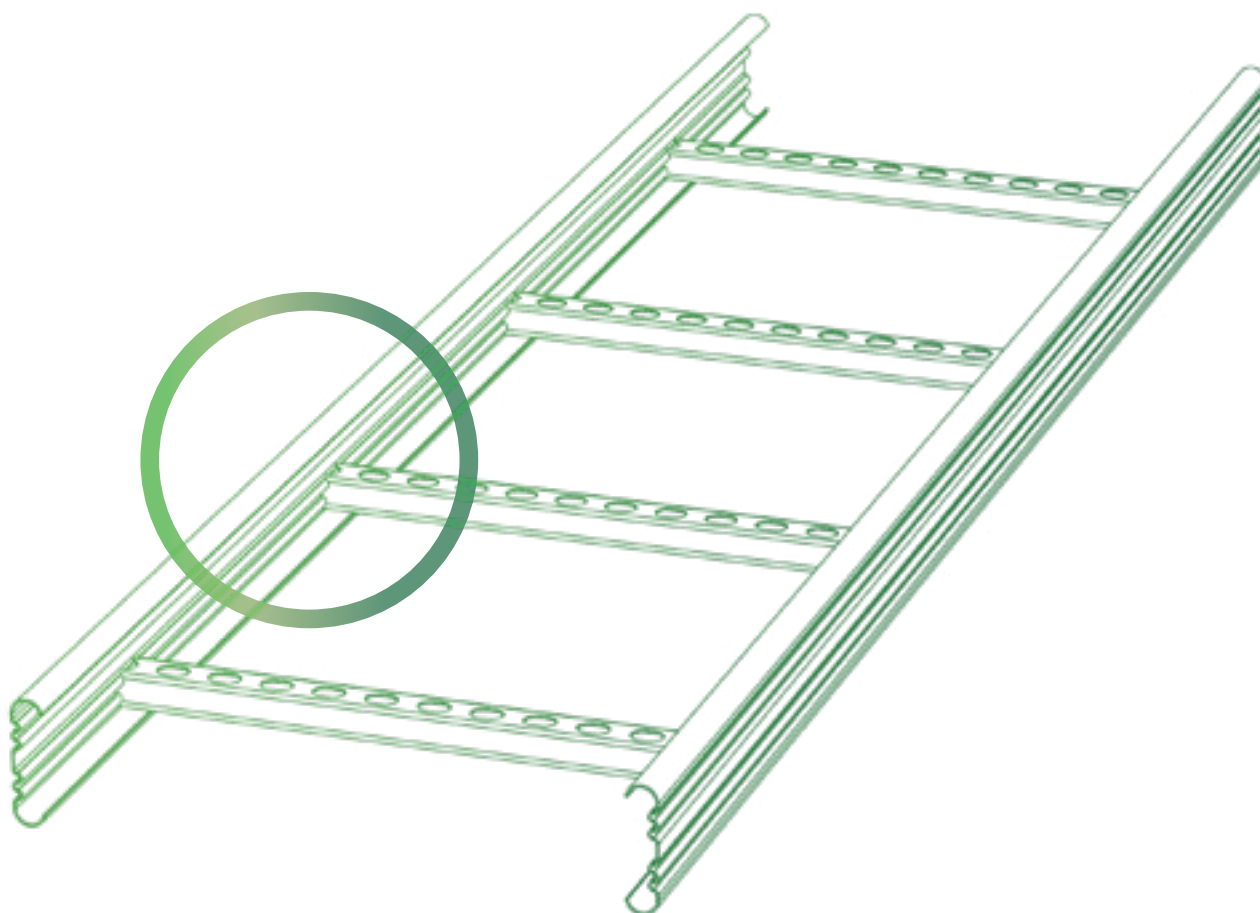
PG



Cable clamp CCB is used to attach cables to wire mesh trays.

Note!
Check the maximum allowed torque for cable clamp CCB from the chart above.

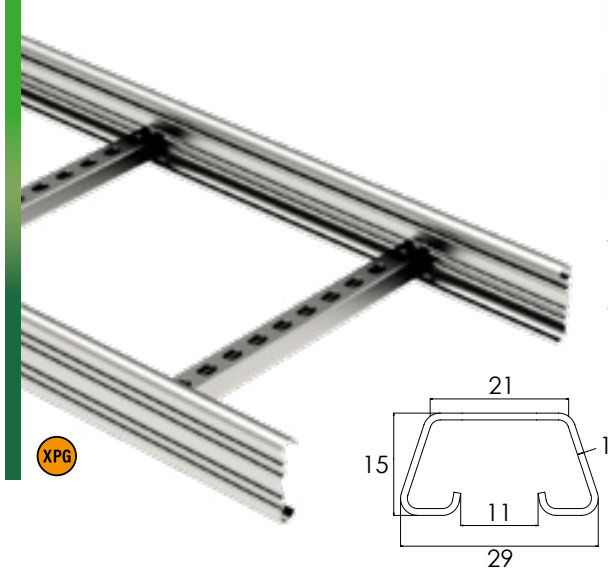
MEKA SOLAR NORDIC PV SYSTEM - CABLE LADDERS



Cable ladder KS20	27
Cover KRL-KS	27
Joint SSR	28
Joint SSC	28
Adjustable joint NL	29
Cable clamp CCA	29

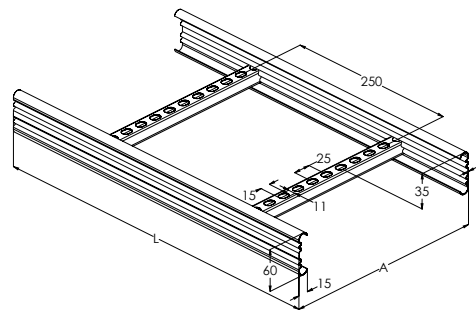
Cable ladder KS20

Multipurpose cable ladders KS20 are suitable for medium and higher loading capacities. Open C-shaped side profiles enable using of interior supports and -joints that leaves a better look when cable ladders are installed. Mounting of KS20 cable ladders is handy and pleasant because of their light weight and rounded side profiles.



SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	S mm	L mm	PACKAGE
1433072	KS20-200 L=3000 XPG	5.72	200	1	3000	10 PCE / 30 MTR
1433073	KS20-300 L=3000 XPG	6.2	300	1	3000	10 PCE / 30 MTR
1433074	KS20-400 L=3000 XPG	6.72	400	1	3000	10 PCE / 30 MTR
1433075	KS20-500 L=3000 XPG	6.89	500	1	3000	10 PCE / 30 MTR
1433076	KS20-600 L=3000 XPG	7.98	600	1	3000	10 PCE / 30 MTR
1433077	KS20-200 L=6000 XPG	11.25	200	1	6000	10 PCE / 60 MTR
1433078	KS20-300 L=6000 XPG	12.13	300	1	6000	10 PCE / 60 MTR
1433079	KS20-400 L=6000 XPG	13.08	400	1	6000	10 PCE / 60 MTR
1433080	KS20-500 L=6000 XPG	13.78	500	1	6000	10 PCE / 60 MTR
1433081	KS20-600 L=6000 XPG	15.42	600	1	6000	10 PCE / 60 MTR

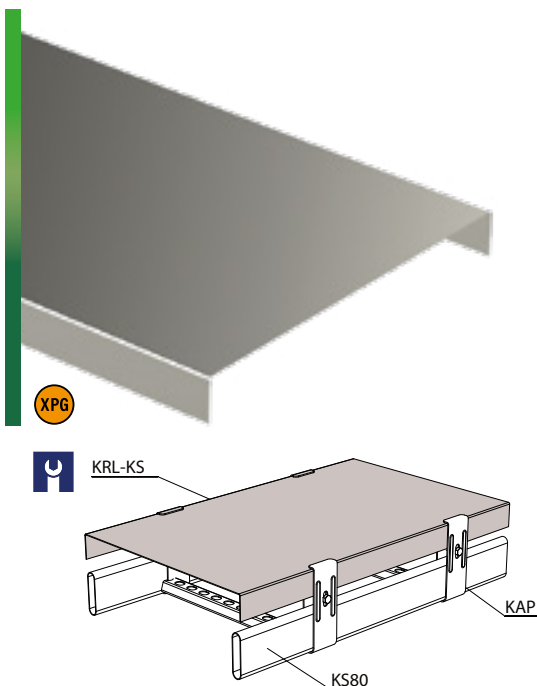
XPG Manufactured of stainless steel in accordance with standard EN 10346 : C1-C4



Cover KRL-KS

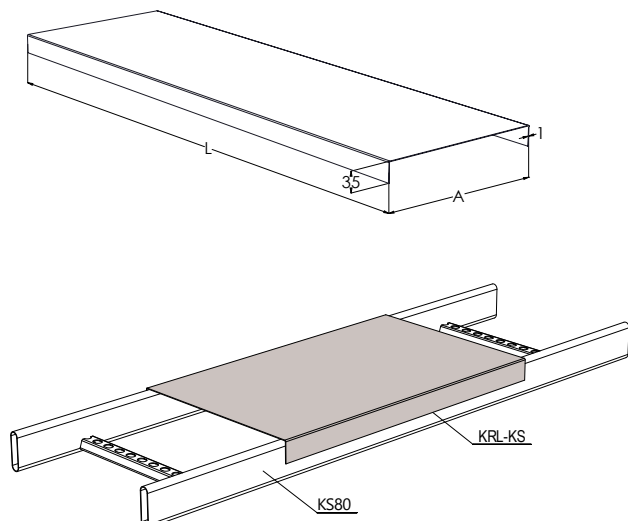
Covers KRL-KS are used to protect cables from damage, dirt and UV radiation as well as finishes the installation for straight sections of cable ladders. If necessary, covers can be fixed with cover brackets KAP or screws. When using KAP covers are raised approx. 50 mm that adds cable space and improve better air flow.

The height of the KRL-KS covers is 35 mm.



SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	L mm	PACKAGE
1478036	KRL-KS- 100 L=3000 XPG	2.03	102	3000	10 PCE / 30 MTR
1478037	x KRL-KS-200 L=3000 XPG	3.73	202	3000	10 PCE / 30 MTR
1478038	x KRL-KS-300 L=3000 XPG	7.31	302	3000	10 PCE / 30 MTR
1478039	KRL-KS-400 L=3000 XPG	12.12	402	3000	10 PCE / 30 MTR
1478040	x KRL-KS-500 L=3000 XPG	15.01	502	3000	10 PCE / 30 MTR
1478041	KRL-KS-600 L=3000 XPG	17.91	602	3000	10 PCE / 30 MTR

XPG Manufactured of stainless steel in accordance with standard EN 10346 : C1-C4

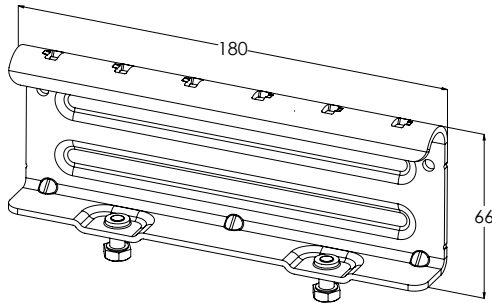


It is possible to increase the cable space under the cover by 50mm with cover bracket KAP. Recommended installation gap 1-1.5m, depending on the width of the cover.

Cover KRL-KS is used to prevent dirt and dust from accumulating on the cables. The cover is attached to the cable ladder with screws.

Joint SSR

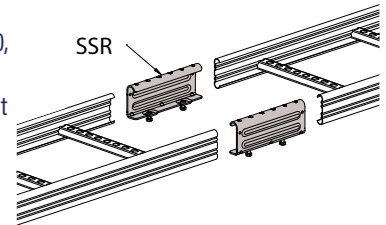
Joints SSR are used to extend KS20-, KS60- and KS80-type cable ladders as well as cable ladders' bends, T- and X-pieces. Installation of joints SSR is quick and convenient, as fastening bolts are already attached to joints. Special nibs inside of joints prevent attached elements from slipping apart. Correctly installed joints ensure sufficient electrical conductivity and additional equipotential bonding is not required.



SRNO	PRODUCT x = stock product	WGT. kg / pc	PAKKAUS
1449482	x SSR PG	0.37	10 PCE
PG Manufactured of hot-dip galvanized steel in accordance with standard EN 10346 : C1-C2			
SRNO	PRODUCT x = stock product	WGT. kg / pc	PAKKAUS
1449669	x SSR HDG	0.38	10 PCE
HDG Hot-dip galvanized after manufacturing in accordance with standard EN ISO 1461: C1-C4			
SRNO	PRODUCT x = stock product	WGT. kg / pc	PAKKAUS
1430290	x HST SSR	0.31	10 PCE
HST Manufactured of stainless steel in accordance with standard EN 10088: C1-CX			

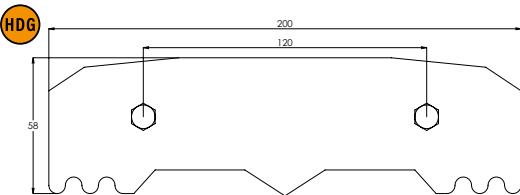


Cable ladders KS20 K, KS20, KS60, KS80 and KSE80 are attached together with joint SSR.



Joint SSC

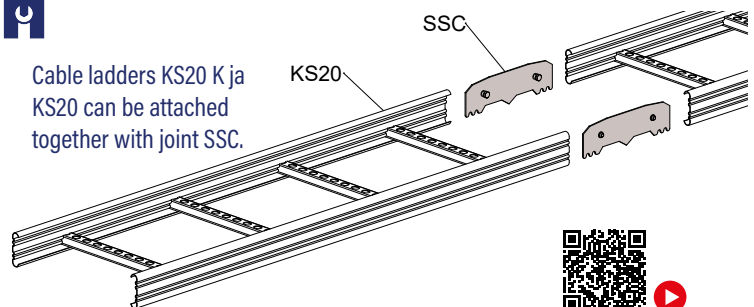
Joints SSC are used to extend KS20-type cable ladders. The extensions can be installed inside of cable ladders profiles, which is important at places where joints have to be invisible or protective covers have to be installed. Installation of joints SSC is quick and convenient, as fastening bolts are already attached to joints. Correctly installed joints ensure sufficient electrical conductivity and additional equipotential bonding is not required.



SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1433199	SSC HDG	0.19	10 PCE
HDG Hot-dip galvanized after manufacturing in accordance with standard EN ISO 1461: C1-C4			



Cable ladders KS20 K ja KS20 can be attached together with joint SSC.

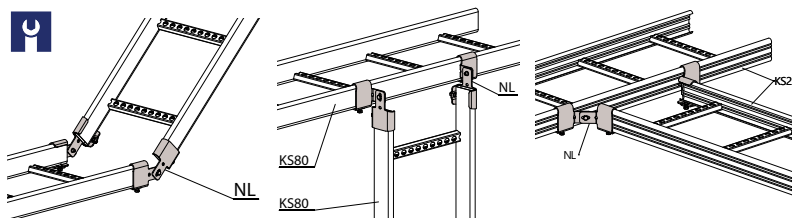
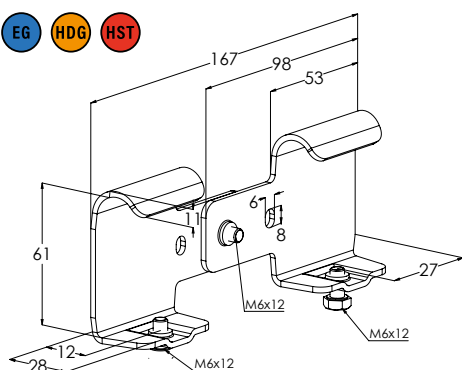


See installation video.



Adjustable joint NL

Adjustable joints NL are used to make vertical angles, horizontal bends, T- and X-junctions for KS20-, KS60- and KS80-type cable ladders. Joints NL have fixing bolts already at place and the installation is convenient and quick. Correctly installed joints ensure sufficient electrical conductivity which eliminates the need to install a separate grounding wire between cable ladders.



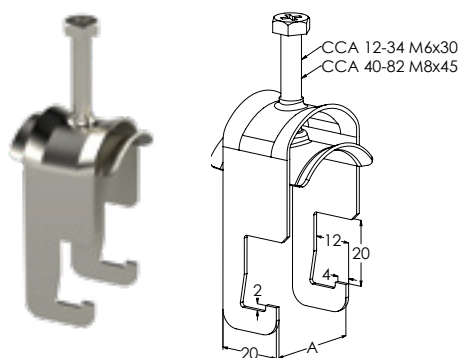
Adjustable joint NL is used to form a flexible extension, attach vertical ladders and form T-joints to cable ladders KS20K, KS20, KS60, KS80 and KSE80



See installation video

Cable clamp CCA

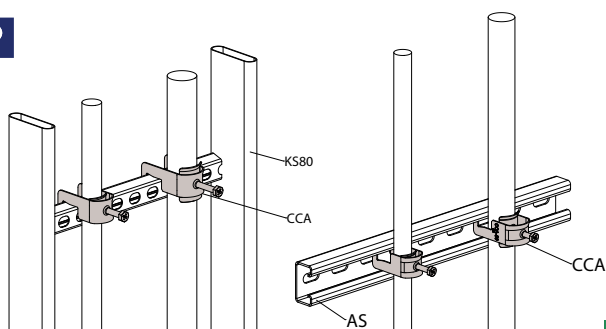
Cable clamps CCA are used to fix cables to KS-type cable ladders rungs and to mounting rails AS, ASR, ASR-L and ASR-P. Tightening torque of clamps depends on size of clamps and is between 1 and 3 Nm. Sales unit of CCA clamps is package that includes 10 pieces of clamps.



PG

SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	CABLE max. Ø mm	TORQUE max. Nm	PACKAGE
1342000	x CCA-12 PG	0.023	13	5-12 mm	1	10 PCE / 1 BG
1342001	x CCA-14 PG	0.025	15	10-14 mm	1	10 PCE / 1 BG
1342002	x CCA-18 PG	0.028	19	14-18 mm	1	10 PCE / 1 BG
1342003	x CCA-22 PG	0.033	23	17-22 mm	1.5	10 PCE / 1 BG
1342004	x CCA-26 PG	0.036	27	21-26 mm	1.5	10 PCE / 1 BG
1342005	x CCA-30 PG	0.043	31	25-30 mm	1.5	10 PCE / 1 BG
1342006	x CCA-34 PG	0.046	35	29-34 mm	1.5	10 PCE / 1 BG
1342007	x CCA-40 PG	0.083	41	35-40 mm	2	10 PCE / 1 BG
1342008	x CCA-46 PG	0.092	47	41-46 mm	2	10 PCE / 1 BG
1342009	x CCA-52 PG	0.1	53	47-52 mm	2	10 PCE / 1 BG
1342010	x CCA-60 PG	0.112	62	53-60 mm	3	10 PCE / 1 BG
1342011	x CCA-82 PG	0.143	84	61-82 mm	3	10 PCE / 1 BG

PG Manufactured of hot-dip galvanized steel in accordance with standard EN 10346 : C1-C2



Cable clamp CCA is used to attach cables to the intermediate cleats on cable ladders and to mounting rails

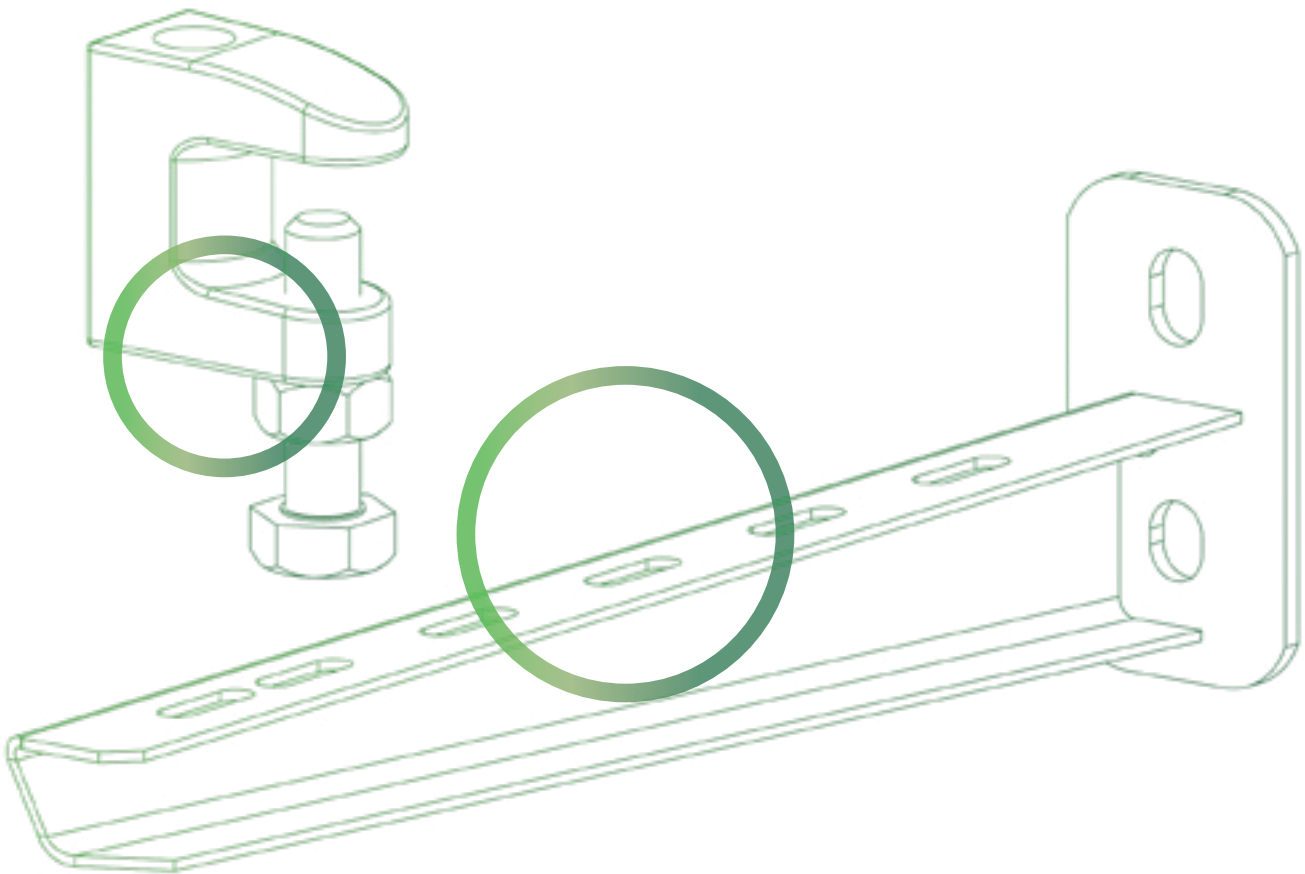


See installation video.

Please note! Check the maximum allowed torque for cable clamp CCA from the product data sheet.



MEKA SOLAR NORDIC PV SYSTEM - GENERAL INSTALLATION PARTS



Wall support VK	31
Beam bracket PK1	32
Beam bracket PK2	32
Sliding nut SMT	33
Earthing terminal PE	33
Sliding nut TB	34
End plug SP	34
End plug ÄP	34

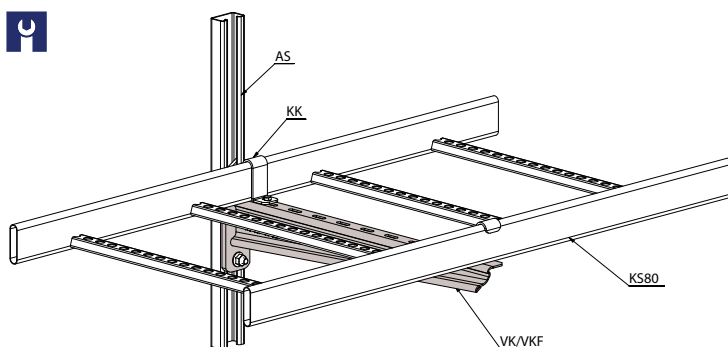
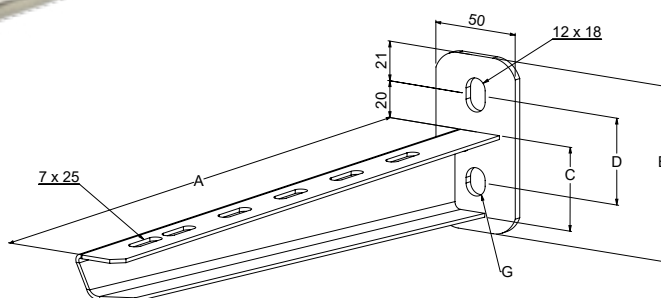
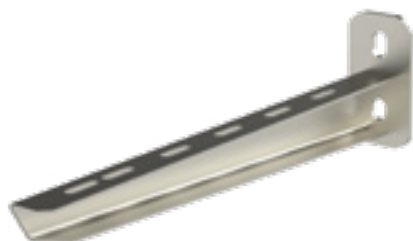


Wall support VK

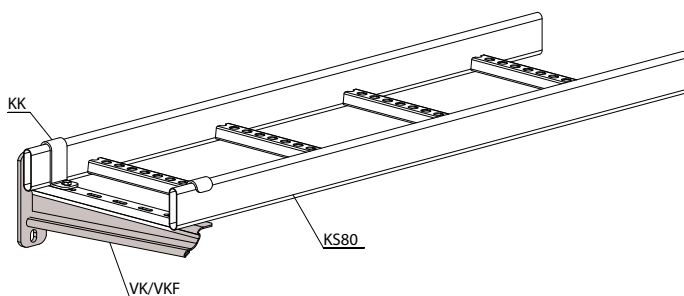
Wall supports VK are used for mounting cable ladders, cable trays and wire mesh trays directly to wall, AS-type mounting rails, HK- and TP2-type ceiling supports. For fastening to rails and supports sliding nuts SMT, TB and AKM and bolt sets RS can be used. The safe working load of VK wall supports is up to 200 kg.

SRNO	PRODUCT x = stock product	WGT. kg / pc	A mm	B mm	C mm	D mm	G mm	LOADING max. kg	PACKAGE
1449590	x VK-150 2KN HDG	0.35	190	93	37	46	12x15	200	10 PCE
1449591	x VK-200 2KN HDG	0.41	240	93	40	46	12x15	200	10 PCE
1449592	x VK-300 2KN HDG	0.55	340	93	45	46	12x15	200	10 PCE
1449593	x VK-400 2KN HDG	0.79	440	108	50	56	12x18	200	10 PCE
1449594	x VK-500 2KN HDG	1.12	540	155	74	118	12x18	200	10 PCE
1449595	x VK-600 2KN HDG	1.29	640	155	80	118	12x18	200	10 PCE

HDG Hot-dip galvanized after manufacturing in accordance with standard EN ISO 1461: C1-C4



The cable ladder is attached to wall support VK with bracket KK.

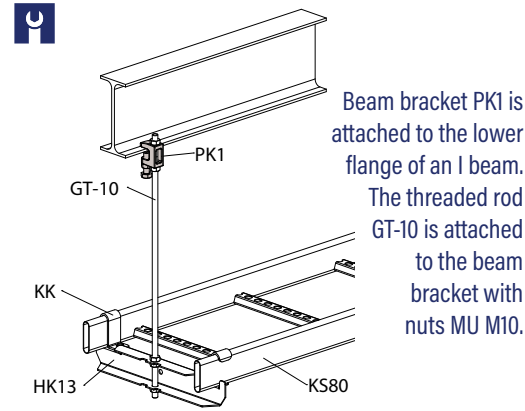
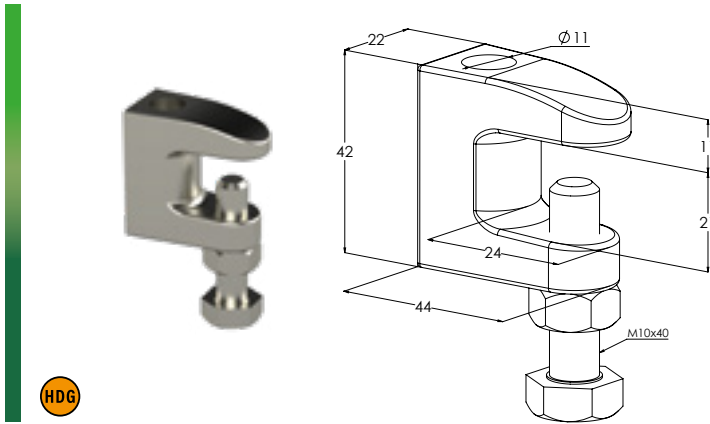


Wall support VK/VKF can be attached to the wall with a through bolt. The cable ladder is attached to wall support VK/VKF with bracket KK.

Beam bracket PK1

Beam brackets PK1 are used to attach threaded rods GT-10 to I-beams. Threaded rods are attached to PK1 brackets by using MU M10 nuts. The thickness of the I-beam at the attachment point is max. 20 mm. Safe work load of PK1 brackets is 300 kg.

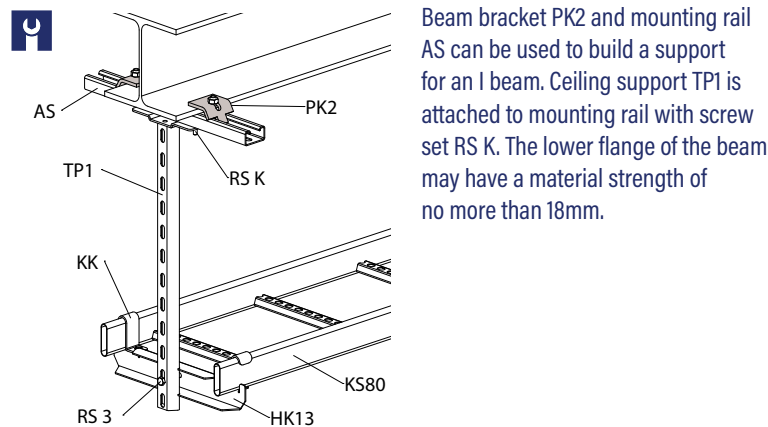
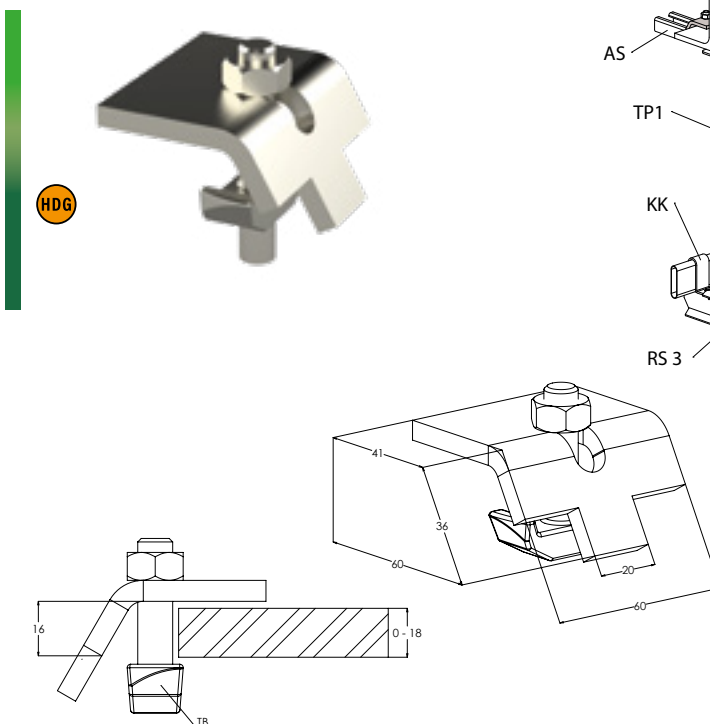
SRNO	PRODUCT x = stock product	WGT. kg / pc	LOADING kg / pc	PACKAGE
1449200	PK1 HDG	0.15	300	10 PCE
HDG		Hot-dip galvanized after manufacturing in accordance with standard EN ISO 1461 : C1-C4		



Beam bracket PK2

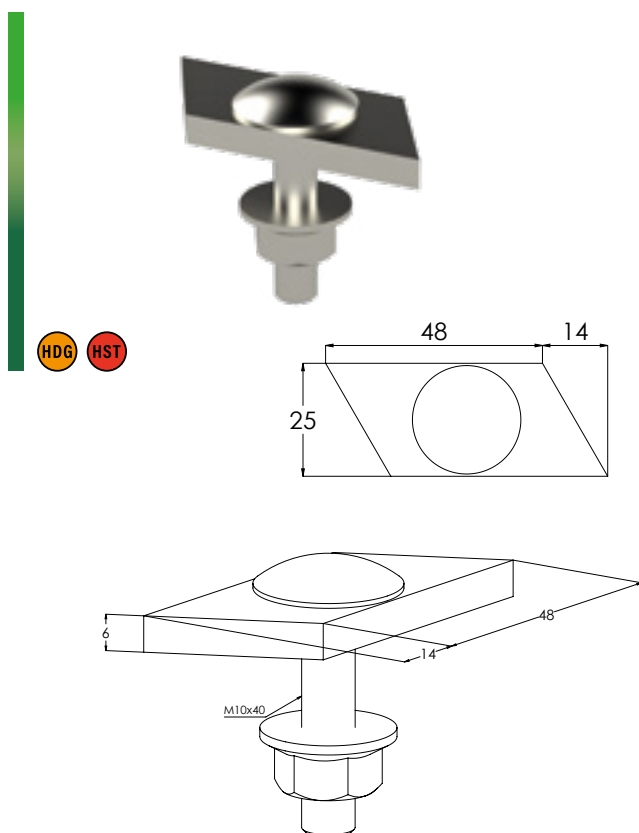
Beam brackets PK2 are used to fasten TP- and HK-type ceiling supports to I-beams via AS or ASR support rail. Two PK2 clamps and AS rail of suitable length are required to attach one support. Ceiling supports can be fixed to the AS rail with two M8x25 bolts and an M8 nut (bolt sets RS K). The thickness of the I-beam at the attachment point is max. 18 mm. Safe work load of PK2 brackets is 300 kg.

SRNO	PRODUCT x = stock product	WGT. kg / pc	LOADING kg / pc	PACKAGE
1449632	x PK2 HDG	0.23	300	10 PCE
HDG		Hot-dip galvanized after manufacturing in accordance with standard EN ISO 1461 : C1-C4		

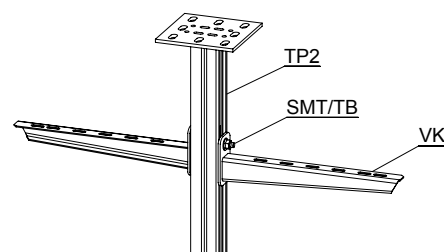
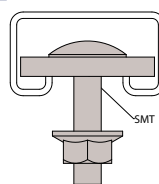


Sliding nut SMT

Sliding nuts SMT are used to fasten VK-type wall supports to mounting rails AS, ASR, ASR-L and ASR-P as well as to ceiling supports HK1, HK2, TP2, TP2-L and TP2-P. Using SMT nuts allow smooth adjustment of the height of supports and setting the cableways straight.



HDG HST



Sliding nut SMT is slotted in the groove of a mounting rail or ceiling support, where it is locked in place by twisting its base inside the rail.

SRNO	PRODUCT x = stock product	WGT. kg / pc	LOADING kg / pc	PACKAGE
1449684	x SMT HDG	0.096	800	10 PCE

HDG HDG or corresponding corrosion protection : C1-C4

Product includes screw set: 1449113 RS SMT HDG (1 PCE)

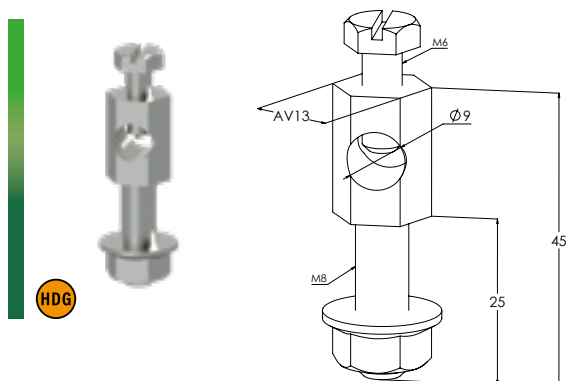
SRNO	PRODUCT x = stock product	WGT. kg / pc	LOADING kg / pc	PACKAGE
1430422	x HST SMT	0.098	800	10 PCE

HST Manufactured of stainless steel in accordance with standard EN 10088 : C1-CX

Product includes screw set: 1430433 HST RS SMT (1 PCE)

Earthing terminal PE

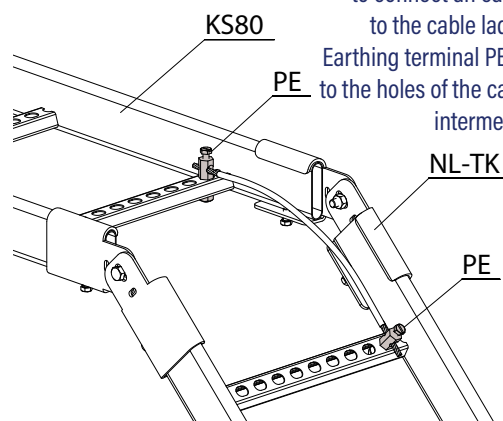
Earthing terminals PE are used to ground cable ladders, lighting support rails, cable trays and wire mesh trays at places where it is especially needed. PE terminal has $\varnothing 9$ mm hole for fixing the earthing wire. Mounting can be done easily into cable ladders' rungs or cable trays' perforation. Product set includes bolt and nut.



HDG

SRNO	PRODUCT x = stock product	WGT. kg / pc	PACKAGE
1449799	x PE HDG	0.033	10 PCE

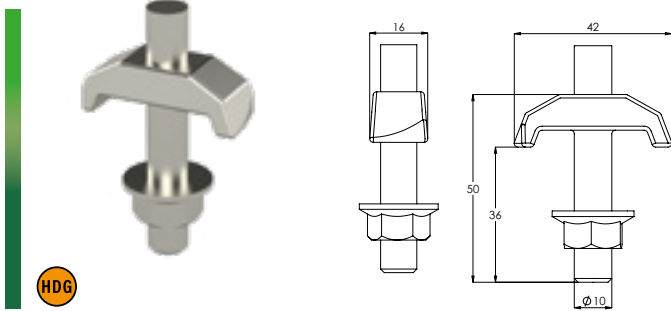
HDG HDG or corresponding corrosion protection : C1-C4



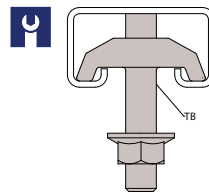
The earthing terminal is used to connect an earthing cable to the cable ladder's joints. Earthing terminal PE is attached to the holes of the cable ladders' intermediate cleats.

Sliding nut TB

Sliding nuts TB are used to fasten VK-type wall supports for mounting rails AS, ASR, ASR-L and ASR-P as well as to ceiling supports HK1, HK2, TP2, TP2-L and TP2-P. Rubber pads keep TB nuts at place inside of rails and make fixing of wall supports easier.



SRNO	PRODUCT	WGT.	LOADING	PACKAGE
	x = stock product	kg / pc	kg / pc	
1449649	x TB HDG	0.065	800	10 PCE
HDG	HDG or corresponding corrosion protection : C1-C4			

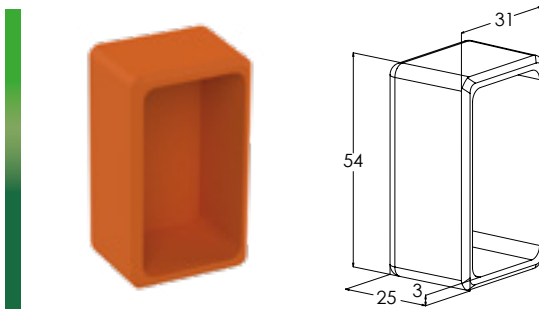


Sliding nut TB is slotted in the groove of a mounting rail or ceiling support, where it is locked in place by twisting its base inside the rail.

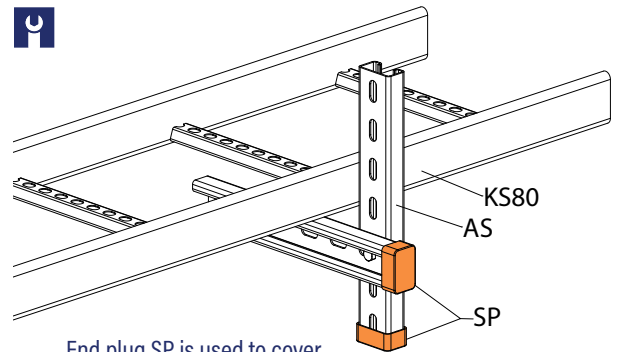
End plug SP

End plugs SP are used to cover ends of AS mounting rails and ceiling brackets HK1 and HK2.

Orange colour plugs are visible in dim light that is important for security reason.



SRNO	PRODUCT	WGT.	PACKAGE
	x = stock product	kg / pc	
1449672	x SP	0.01	10 PCE

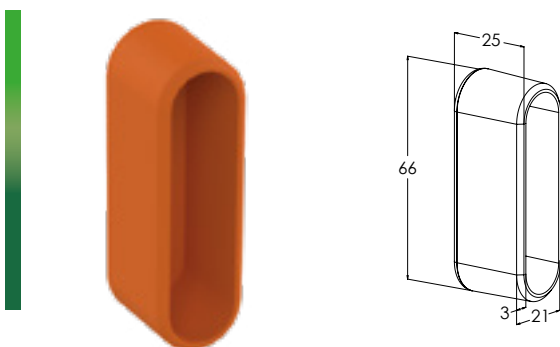


End plug SP is used to cover the ends of mounting rail AS.

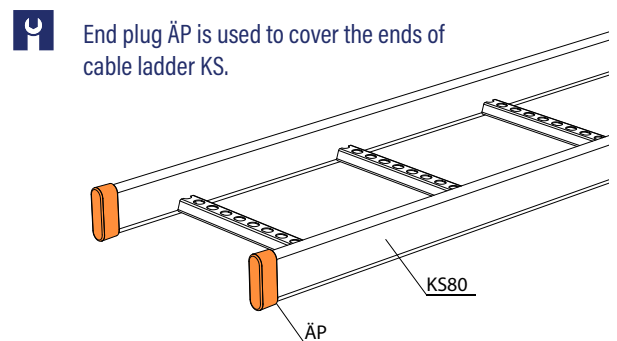
End plug ÄP

End plugs ÄP are used to cover ends of KS-type cable ladders and protect profiles from dust, humidity and bugs.

Orange colour plugs are visible in dim light that is important for security reason as well.



CODE	PRODUCT	WGT.	PACKAGE
	x = stock product	kg / pc	
1449681	x ÄP	0.009	10 PCE



End plug ÄP is used to cover the ends of cable ladder KS.





Meka has 70 years of experience in the construction of demanding metal structures design, fabrication and installation.

We are now applying our experience and expertise to the development and manufacture of mounting systems for solar energy production.

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