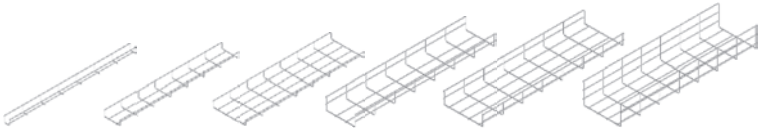
Post-galvanised Wire Mesh Cable Tray System through hot-dip galvanisation in a BAKS' new facility, guaranteeing of top quality, low prices, timeliness and reliability of service.

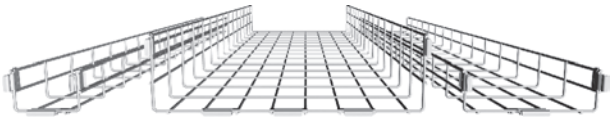


N

N Increased resistance to corrosion thanks to Zinc-coating to 20µm

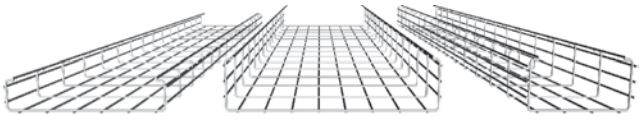
Wire Mesh Cable Tray KDS, Tray Side Heights: H35, H60, H110 mm, Tray Widths: 35-600 mm

N



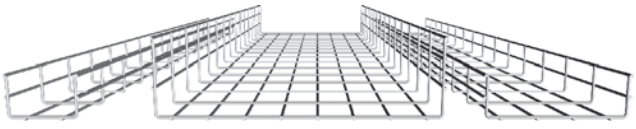
Wire Mesh Cable Tray KCS
Tray Side Heights: H60, H110 mm, Tray Widths: 60-600 mm

N



Wire Mesh Cable Tray KCS
Tray Side Heights: H60, H110 mm, Tray Widths: 60-600 mm

N



Wire Mesh Cable Tray made from galvanized wire KSG,
Tray Side Heights: H35, H60, H110 mm, Tray Widths: 35-600 mm

N

KDS KGS KWDS

Wire Mesh Cable Tray KDS, Tray Side Heights: H35 mm, Tray Widths: 35, 50 mm
Wire Mesh Cable Tray KGS, Tray Side Heights: H60 mm, Tray Widths: 60-100 mm
Wire Mesh Cable Tray KWDS, Tray Side Heights: H60 mm, Tray Widths: 60 mm

IMPORTANT!

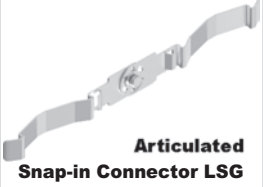
In further part of catalogue you can find wire mesh cable trays in E-30, E-90 fire-ressistant system according to DIN4102-12

An Example Before and After a Fire-Resistance Inspection of Cable Routes of Wire Mesh Cable Tray Systems

Examples of New Components of Wire Mesh Cable Tray Products

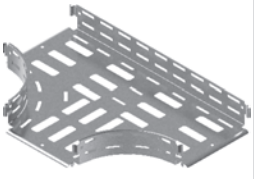
Snap-in Connector ZLS...

Snap-in Bottom Connector UZS...



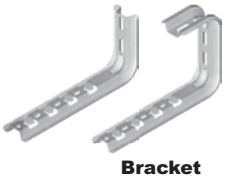
Articulated Snap-in Connector LSG

90° Horizontal Bend KKS...



Horizontal Tee TKS...

Hanger WD...



Bracket WFLS and WFCS...

Bracket WFMLS and WFMCS...

Bracket WWKS...

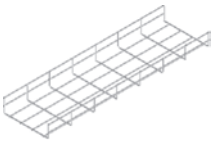
Bracket WZKS...

Wire Mesh Cable Trays

KDS/KSG...H35

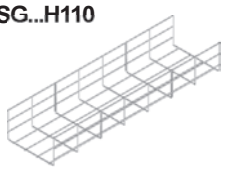
Width: 35 - 300 mm

KDS/KDSO /KSG...H60



Width: 60 - 600 mm

KDS/KSG...H110

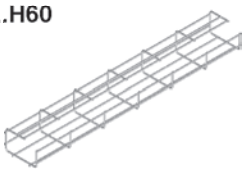


Width: 100 - 600 mm

KWDS60H60

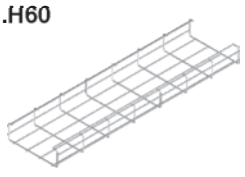
Width: 60 mm

KGS...H60



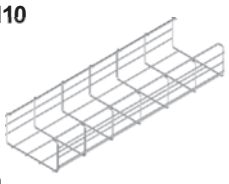
Width: 60 - 100 mm

KCS...H60



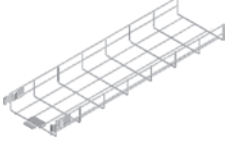
Width: 60 - 400 mm

KCS...H110



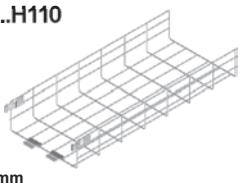
Width: 200 - 600 mm

KDSZ...H60



Width: 60 - 600 mm

KDSZ...H110



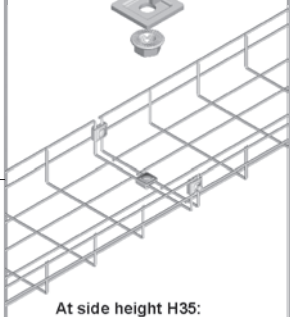
Width: 100 - 600 mm

JOINING WIRE MESH CABLE TRAY

Joint Connector

Joint Connector

USSN/USSO



At side height H35:
- for width 35-50
use **2x USSN/USSO**,
- for width 100
use **3x USSN/USSO**,
- for width 200÷300
use **4x USSN/USSO**.

At side height H60:
- for width 60
use **2x USSN/USSO**,
- for width 100-150
use **3x USSN/USSO**,
- for width 200÷400
use **4x USSN/USSO**,
- for width 500÷600
use **5x USSN/USSO**

At side height H110:
- for width 100
use **3x USSN/USSO**,
- for width 200÷400
use **4x USSN/USSO**,
- for width 500÷600
use **5x USSN/USSO**.

Snap-in Connector

Snap-in Connector

ZLS...

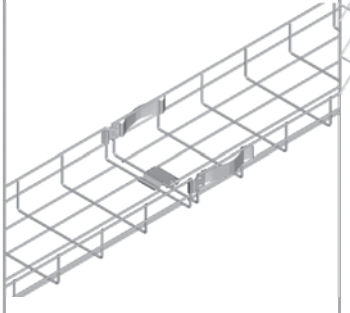
Snap-in Connector

UZS...

Mount-and-Go Set:
- for width 35÷60
use **2x ZLS...**
- for width 100÷300
use **2x ZLS... + 1x UZS...**
- for width 400÷600
use **2x ZLS... + 2x UZS...**

Note.
Choose connectror ZLS and UZS to apropriate type of wire mesh cable tray

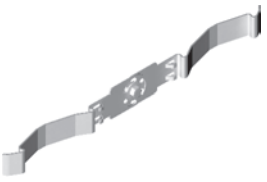
SYMBOL	Type of wire mesh cable tray	Wire mesh cable tray parameters
STANDARD	KDS	35-300H35
	KDS/KDSO	60-200H60
ZLS1, UZS1	KDS	100H110
	KDSZ and KSG	35-300H35 and 60-200H60
	KWDS	60H60
	KGS	60-100H60
	KCS	60-200H60
ZLS2, UZS2	KDS and KDSZ	300-400H60 and 200-300H110
	KSG	300-400H60 and 200-300H110
	KCS	200-300H110
ZLS3, UZS3	KDS and KDSZ	500-600H60 and 400-600H110
	KSG	500-600H60 and 400-600H110
	KCS	400-600H110

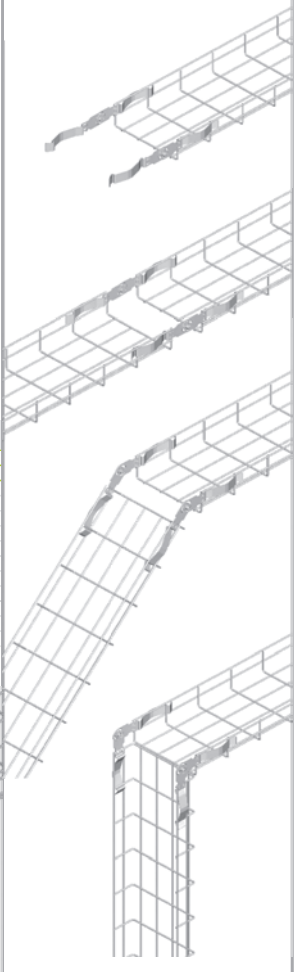


Articulated Snap-in Connector

Articulated Snap-in Connector

LSG





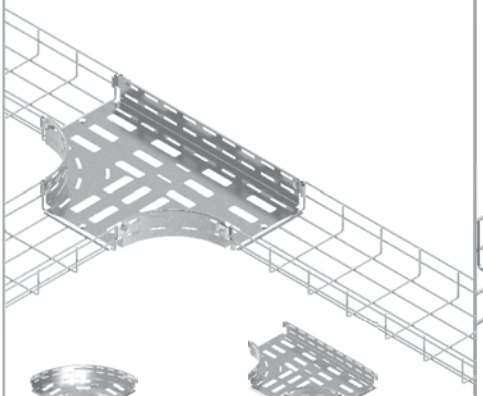
Guide:

Full square means this type of assembly is possible =

Empty square means this type of assembly is not possible ≠

JOINING WIRE MESH CABLE TRAYS WITH FITTINGS

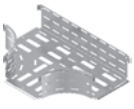
Fittings



90° Horizontal Bend
KKS...H60

Horizontal Tee
TKS...H60

KKS...H110



TKS...H110

Joint Connector

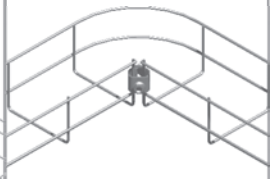
USKS

For strengthening the integrated connector under heavy load

CREATING FITTINGS FROM WIRE MESH CABLE TRAYS

Examples of Fittings

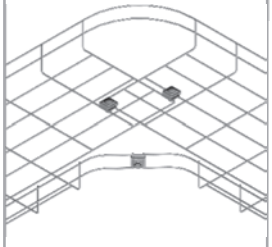
Bend
Width
35-100 mm



For the assembly needed is:

1 x USSN/USSO

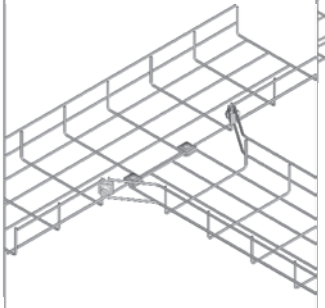
Width
200÷600



For the assembly needed is:

3 x USSN/USSO

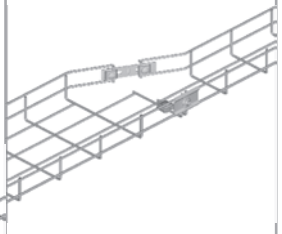
Horizontal Tee
Width
100÷600



For the assembly needed is:

4 x USSN/USSO

Reduction
Width
100÷600

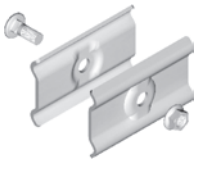


For the assembly needed is:

1 x USSN/USSO

2 x ZS/ZSO

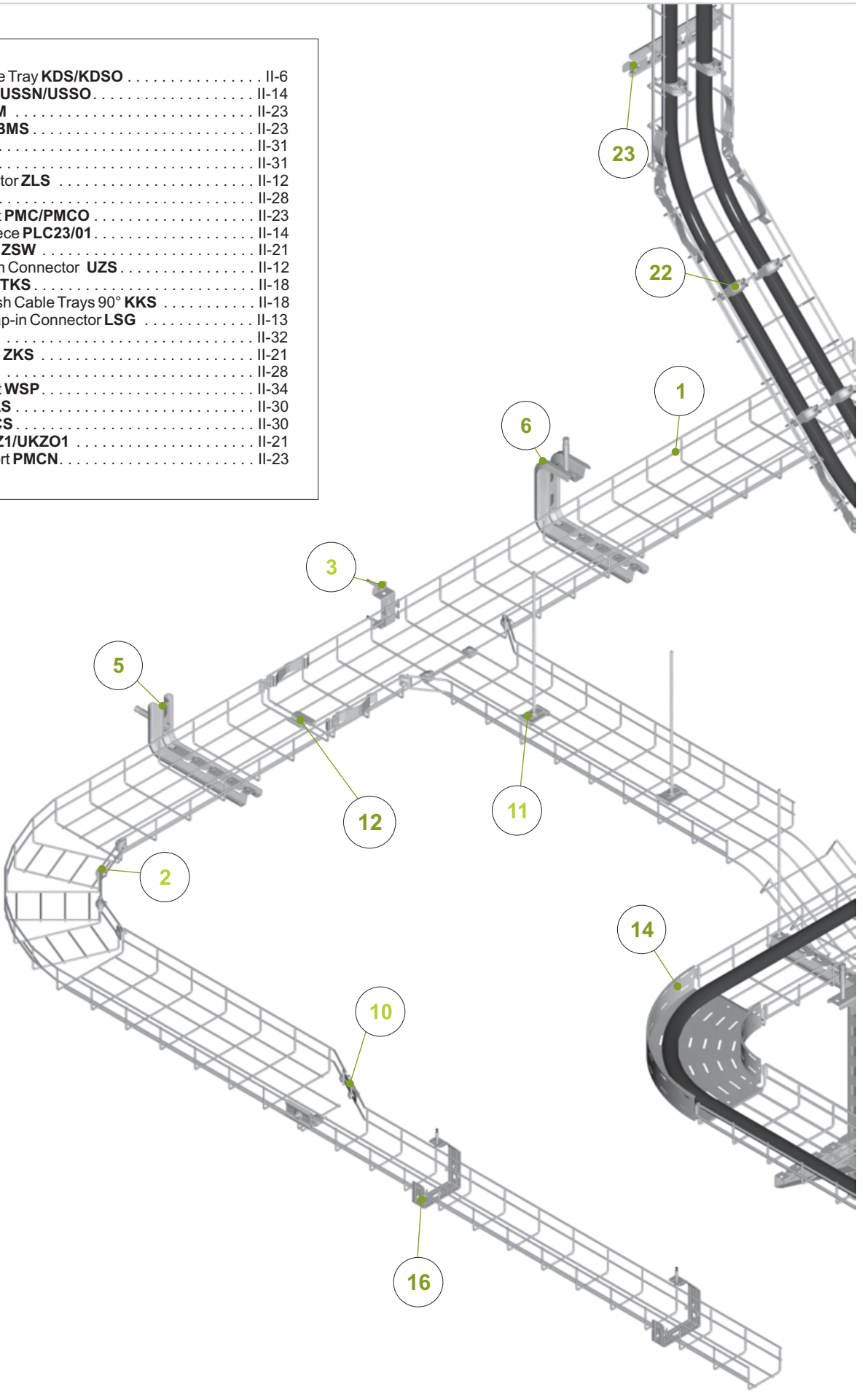
1 x USSPW/USSPWO

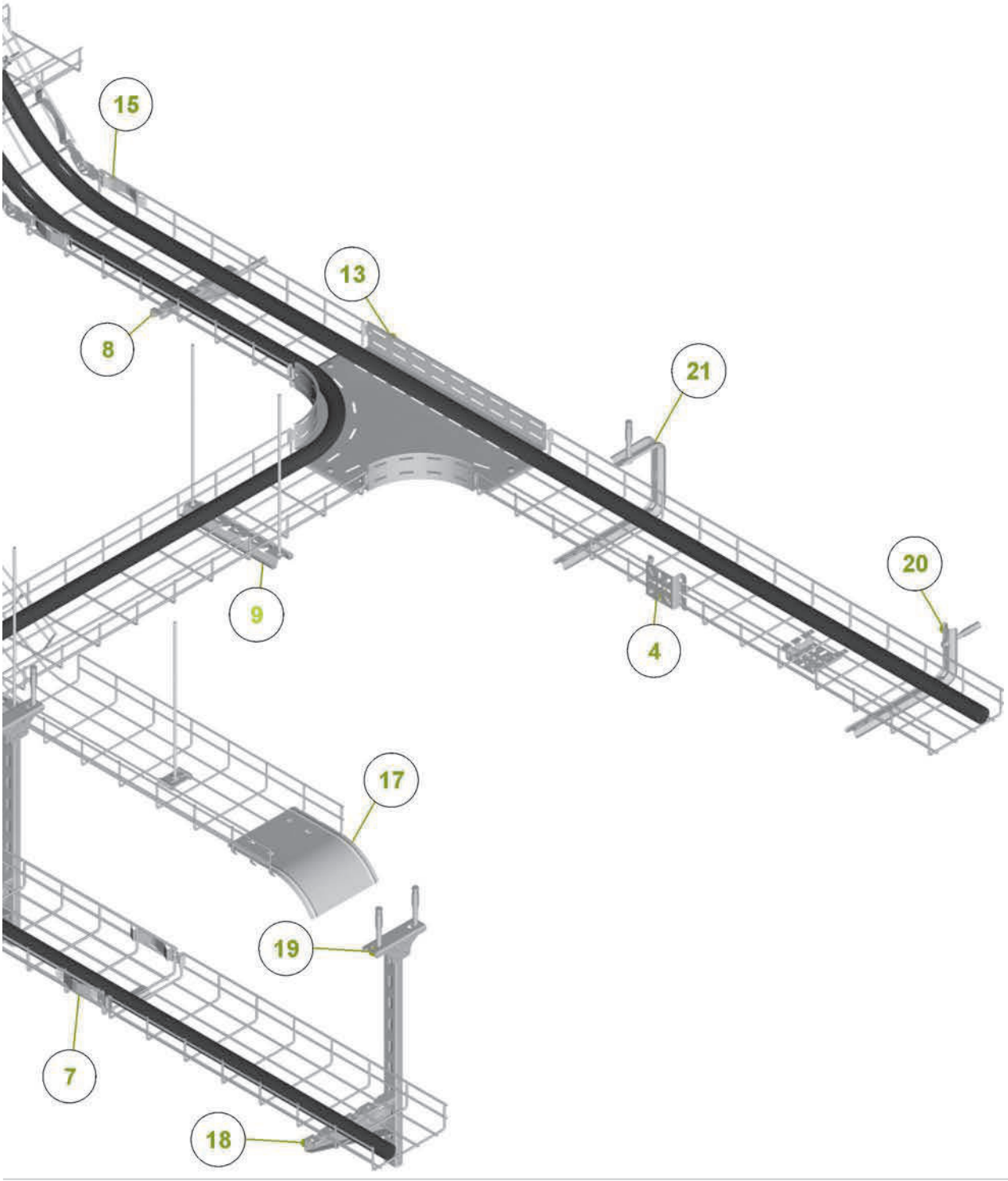


1 x PLC23/01

Wire Mesh Cable Trays H35 - H110

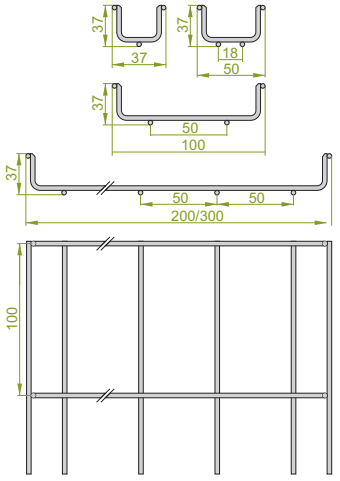
1. Wire Mesh Cable Tray **KDS/KDSO** II-6
2. Joint Connector **USSN/USSO** II-14
3. Side Holder **BSM** II-23
4. Mounting Plate **BMS** II-23
5. Bracket **WFLS** II-31
6. Bracket **WFCS** II-31
7. Snap-in Connector **ZLS** II-12
8. Bracket **WWKS** II-28
9. Snap-in Support **PMC/PMCO** II-23
10. Connection Piece **PLC23/01** II-14
11. Center Hanger **ZSW** II-21
12. Snap-in Bottom Connector **UZS** II-12
13. Horizontal Tee **TKS** II-18
14. Bend Wire Mesh Cable Trays 90° **KKS** II-18
15.Articulated Snap-in Connector **LSG** II-13
16. Hanger **WSKS** II-32
17. Drop-Out Plate **ZKS** II-21
18. Bracket **WZKS** II-28
19. Ceiling Bracket **WSP** II-34
20. Bracket **WFMLS** II-30
21. Bracket **WFMCS** II-30
22. Cable Clip **UKZ1/UKZO1** II-21
23. Snap-in Support **PMCN** II-23




15
13
8
21
20
9
4
17
19
7
18

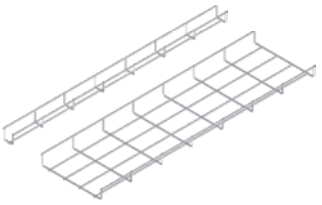
Wire Mesh Cable Tray

KDS...H35

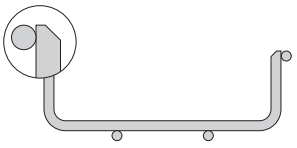


KDS...H35

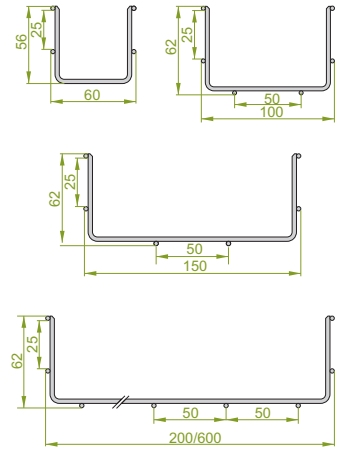
CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
KDS35H35/3	35	3000	0.36	930111	8/24
KDS50H35/3	50	3000	0.46	930112	8/24
KDS100H35/3	100	3000	0.51	930110	8/24
KDS200H35/3	200	3000	0.78	930120	6/18
KDS300H35/3	300	3000	1.06	930130	6/18



All wire mesh cable trays have smooth cutted wire ends to prevent cable damage



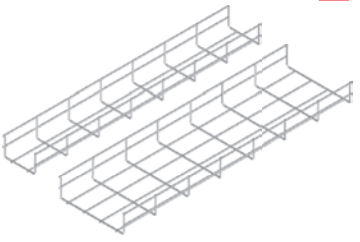
KDS...H60



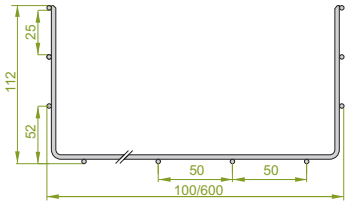
KDS/KDSO...H60

E-90

CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/mb
KDS/KDSO60H60/3	60	3000	0.51	970106	8/24
KDS/KDSO100H60/3	100	3000	0.73	970110	8/24
KDS/KDSO150H60/3	150	3000	0.78	970115	8/24
KDS/KDSO200H60/3	200	3000	1.00	970120	4/12
KDS/KDSO300H60/3	300	3000	1.76	970130	4/12
KDS/KDSO400H60/3	400	3000	2.14	970140	2/6
KDS/KDSO500H60/3	500	3000	3.09	970150	2/6
KDS/KDSO600H60/3	600	3000	3.56	970160	2/6

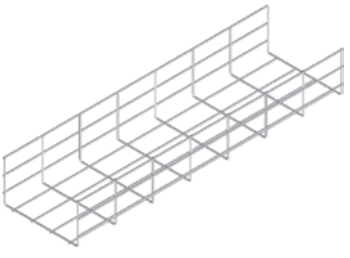


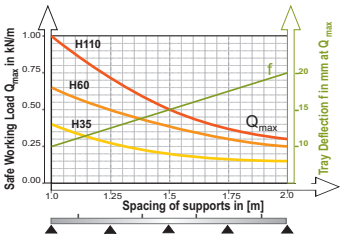
KDS...H110



KDS...H110

CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
KDS100H110/3	100	3000	1.01	920110	2/6
KDS200H110/3	200	3000	1.76	920120	2/6
KDS300H110/3	300	3000	2.14	920130	2/6
KDS400H110/3	400	3000	3.09	920140	2/6
KDS500H110/3	500	3000	3.56	920150	2/6
KDS600H110/3	600	3000	4.03	920160	2/6





H35

WIDTH	USABLE CROSS SECTION
35	4.5 cm²
50	8 cm²
100	19 cm²
200	42 cm²
300	65 cm²

H60

WIDTH	USABLE CROSS SECTION
60	22 cm²
100	43 cm²
150	70 cm²
200	94 cm²
300	146 cm²
400	198 cm²
500	250 cm²
600	302 cm²

H110

WIDTH	USABLE CROSS SECTION
100	86 cm²
200	186 cm²
300	288 cm²
400	390 cm²
500	492 cm²
600	594 cm²

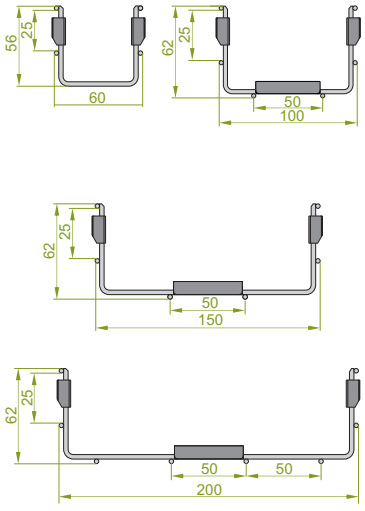
MATERIAL
Electro-galvanised wire (EG)
Available finishes:
F- hot-dip galv. wire
to PN-EN ISO 1461:2011 (HDG)
E- stainless steel wire (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC)
(info p. 4)

APPLICATION
Cable routing.

E-90 - Detailed info in section XIX

Wire Mesh Cable Tray

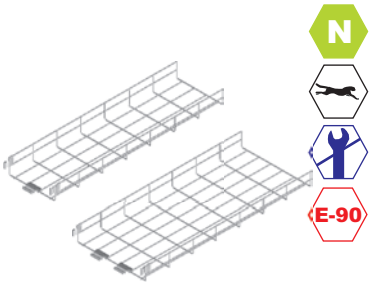
KDSZ...H60



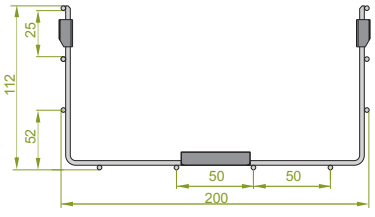
KDSZ...H60

CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
KDSZ60H60/3	60	3000	0.56	940106	8/24
KDSZ100H60/3	100	3000	0.81	940110	8/24
KDSZ150H60/3	150	3000	0.86	940115	8/24
KDSZ200H60/3	200	3000	1.11	940120	4/12
KDSZ300H60/3	300	3000	1.88	940130	4/12
KDSZ400H60/3	400	3000	2.26	940140	2/6
KDSZ500H60/3	500	3000	3.21	940150	2/6
KDSZ600H60/3	600	3000	3.68	940160	2/6

Amount of bottom connectors for cable trays of widths:
- 100-200 mm - 1 pcs
- 300-400 mm - 2 pcs
- 500-600 mm - 3 pcs



KDSZ...H110

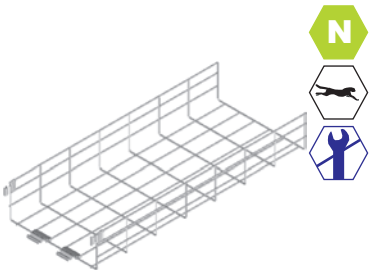


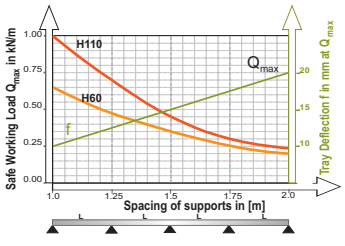
KDSZ...H110

CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
KDSZ100H110/3	100	3000	1.40	912410	2/6
KDSZ200H110/3	200	3000	1.88	912420	2/6
KDSZ300H110/3	300	3000	2.26	912430	2/6
KDSZ400H110/3	400	3000	3.21	912440	2/6
KDSZ500H110/3	500	3000	3.68	912450	2/6
KDSZ600H110/3	600	3000	4.15	912460	2/6

Innovative connection of wire mesh cable trays!
Due to high durability parameters of materials used for snap-in connectors we reach firm and sollid connection of wire mesh cable trays, equal to connection by usual bolted connectors.

Amount of bottom connectors for cable trays of widths:
- 100-200 mm - 1 pcs
- 300-400 mm - 2 pcs
- 500-600 mm - 3 pcs





H60

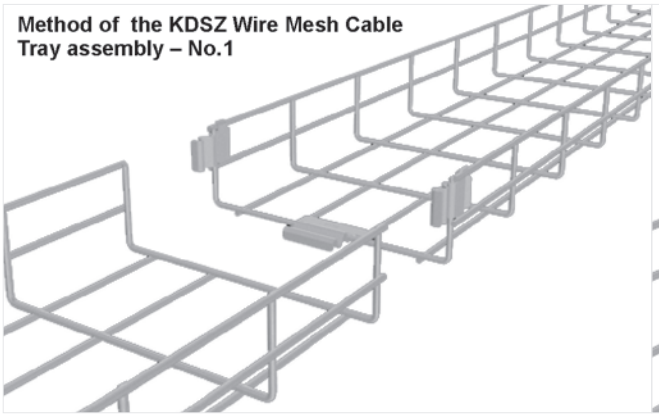
WIDTH	USABLE CROSS SECTION
60	22 cm²
100	43 cm²
150	70 cm²
200	94 cm²
300	146 cm²
400	198 cm²
500	250 cm²
600	302 cm²

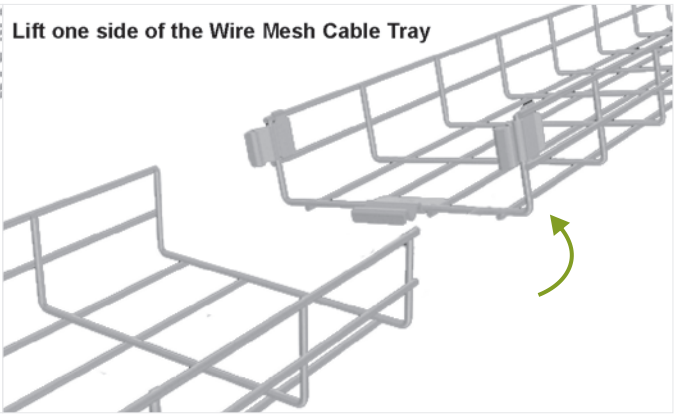
H110

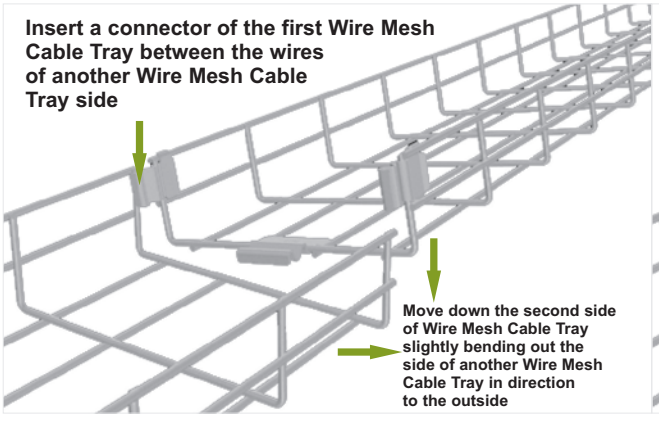
WIDTH	USABLE CROSS SECTION
100	86 cm²
200	186 cm²
300	288 cm²
400	390 cm²
500	492 cm²
600	594 cm²

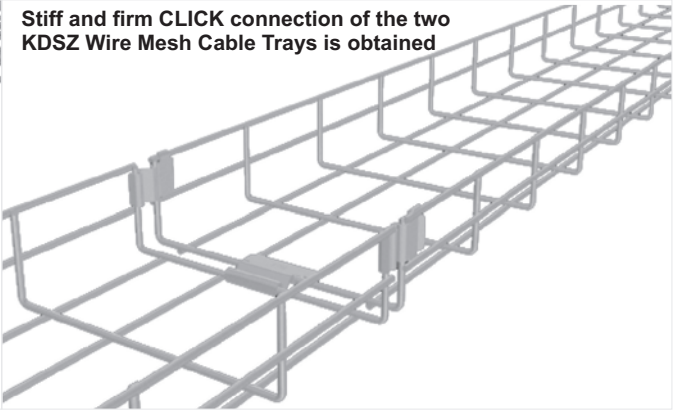
APPLICATION
Cable routing.

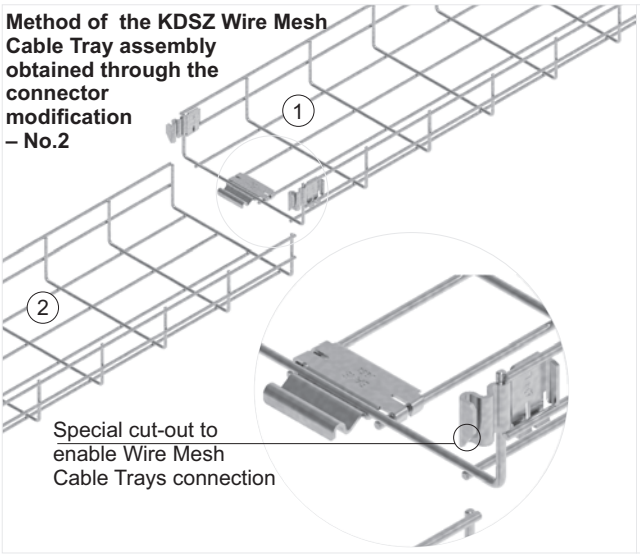
MATERIAL
Electro-galvanised wire (EG)
Available finishes:
E- stainless steel wire (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC)
(info p. 4)

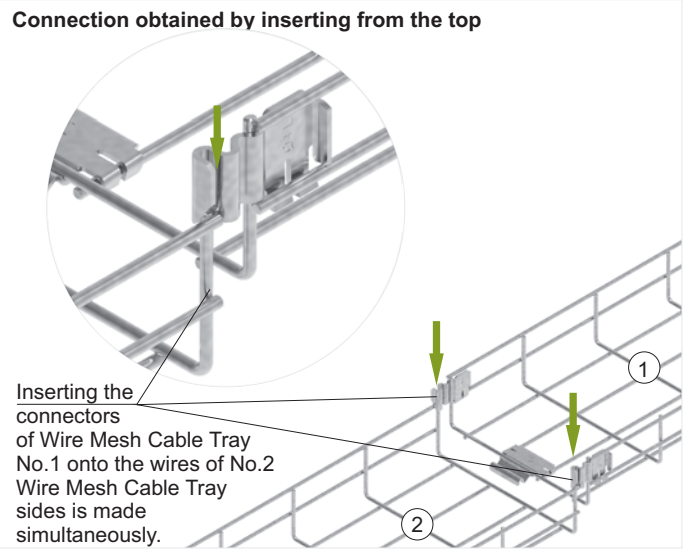

Method of the KDSZ Wire Mesh Cable Tray assembly – No.1


Lift one side of the Wire Mesh Cable Tray


Insert a connector of the first Wire Mesh Cable Tray between the wires of another Wire Mesh Cable Tray side
Move down the second side of Wire Mesh Cable Tray slightly bending out the side of another Wire Mesh Cable Tray in direction to the outside


Stiff and firm CLICK connection of the two KDSZ Wire Mesh Cable Trays is obtained

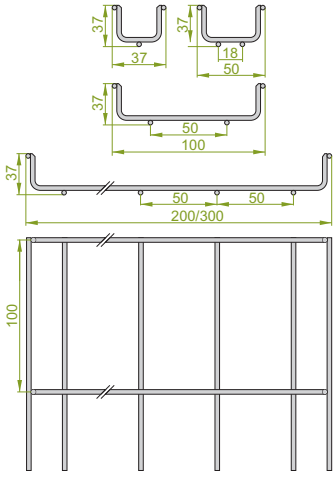

Method of the KDSZ Wire Mesh Cable Tray assembly obtained through the connector modification – No.2
1
2
Special cut-out to enable Wire Mesh Cable Trays connection


Connection obtained by inserting from the top
Inserting the connectors of Wire Mesh Cable Tray No.1 onto the wires of No.2 Wire Mesh Cable Tray sides is made simultaneously.
1
2

Stiff and firm CLICK connection of the two KDSZ Wire Mesh Cable Trays is obtained

Wire Mesh Cable Tray

KSG...H35



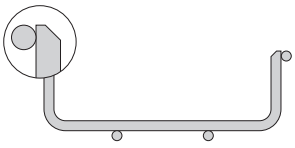
KSG...H35

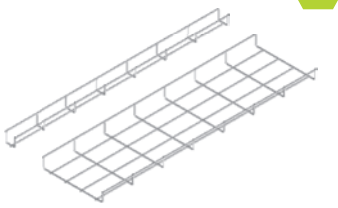
CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
KSG35H35/3	35	3000	0.36	930210	8/24
KSG50H35/3	50	3000	0.46	930215	8/24
KSG100H35/3	100	3000	0.51	930220	8/24
KSG200H35/3	200	3000	0.78	930230	6/18
KSG300H35/3	300	3000	1.06	930240	6/18

Production possible only in case of big orders

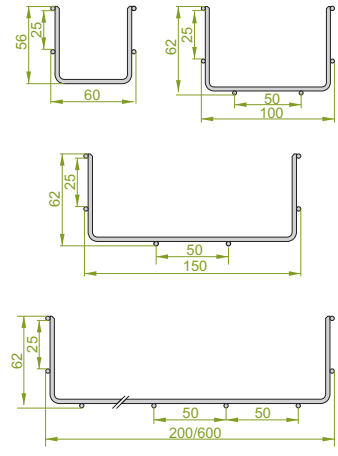
Rust may appear on the ends of the wires
This is due to the technology of production

All wire mesh cable trays have smooth cutted wire ends to prevent cable damage





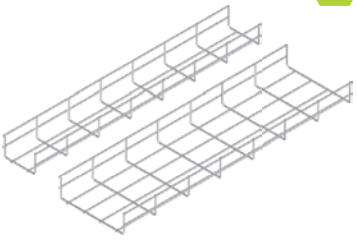
KSG...H60



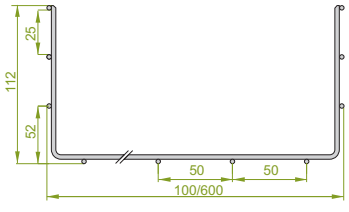
KSG...H60

CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
KSG60H60/3	60	3000	0.51	960210	8/24
KSG100H60/3	100	3000	0.73	960220	8/24
KSG150H60/3	150	3000	0.78	960230	8/24
KSG200H60/3	200	3000	1.00	960240	4/12
KSG300H60/3	300	3000	1.76	960250	4/12
KSG400H60/3	400	3000	2.14	960260	2/6
KSG500H60/3	500	3000	3.09	960270	2/6
KSG600H60/3	600	3000	3.56	960280	2/6

Rust may appear on the ends of the wires
This is due to the technology of production



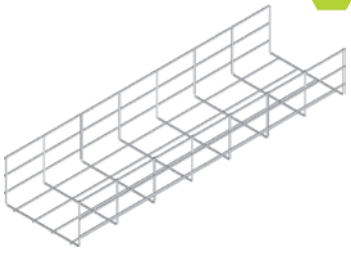
KSG...H110

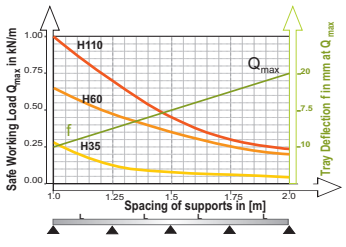


KSG...H110

CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
KSG100H110/3	100	3000	1.01	912210	2/6
KSG200H110/3	200	3000	1.76	912220	2/6
KSG300H110/3	300	3000	2.14	912230	2/6
KSG400H110/3	400	3000	3.09	912240	2/6
KSG500H110/3	500	3000	3.56	912250	2/6
KSG600H110/3	600	3000	4.03	912260	2/6

Production possible only in case of big orders
Rust may appear on the ends of the wires
This is due to the technology of production





H35

WIDTH	USABLE CROSS SECTION
35	4.5 cm²
50	8 cm²
100	19 cm²
200	42 cm²
300	65 cm²

H60

WIDTH	USABLE CROSS SECTION
60	22 cm²
100	43 cm²
150	70 cm²
200	94 cm²
300	146 cm²
400	198 cm²
500	250 cm²
600	302 cm²

H110

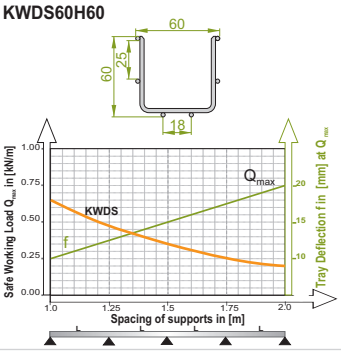
WIDTH	USABLE CROSS SECTION
100	86 cm²
200	186 cm²
300	288 cm²
400	390 cm²
500	492 cm²
600	594 cm²

APPLICATION
Cable routing.
Use only in corrosion category C1

MATERIAL
Electro-galvanised wire (EG) before spot welding proces
Available finishes:
L- powder coating in a full range of colours (PC) (info p. 4)

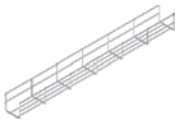
Wire Mesh Cable Tray

KWDS60H60



KWDS60H60

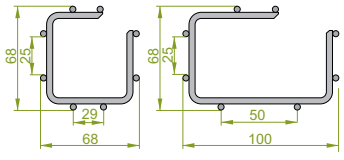
CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
KWDS60H60/3	60	3000	0.69	930106	8/24



N

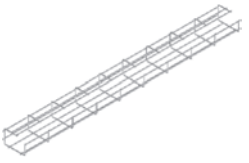
Strong

KGS...H60



KGS...H60

CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
KGS60H60/3	68	3000	0.91	910106	8/24
KGS100H60/3	100	3000	0.97	910110	6/18

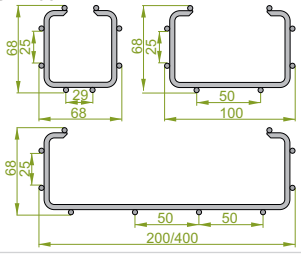


E-90

N

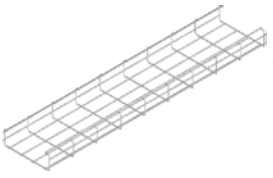
Strong

KCS...H60



KCS...H60

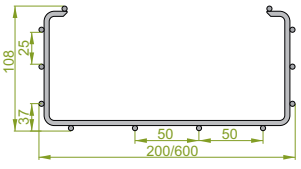
CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
KCS60H60/3	68	3000	0.91	910206	8/24
KCS100H60/3	100	3000	0.94	910210	8/24
KCS200H60/3	200	3000	1.22	910220	4/12
KCS300H60/3	300	3000	1.50	910230	4/12
KCS400H60/3	400	3000	1.78	910240	2/6



N

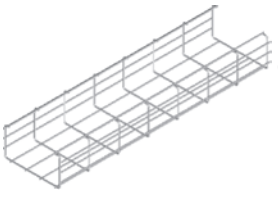
Strong

KCS...H110



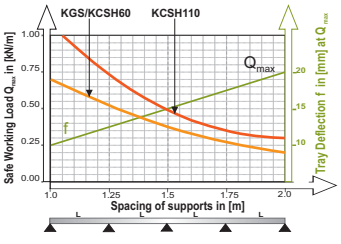
KCS...H110

CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
KCS200H110/3	200	3000	1.50	910320	2/6
KCS300H110/3	300	3000	1.78	910330	2/6
KCS400H110/3	400	3000	2.81	910340	2/6
KCS500H110/3	500	3000	3.18	910350	2/6
KCS600H110/3	600	3000	3.56	910360	2/6



N

Strong



APPLICATION
Cable routing.

KWDS60H60

WIDTH	USABLE CROSS SECTION
60	22 cm²

KGS - H60

WIDTH	USABLE CROSS SECTION
60	22 cm²
100	43 cm²

KCS - H60

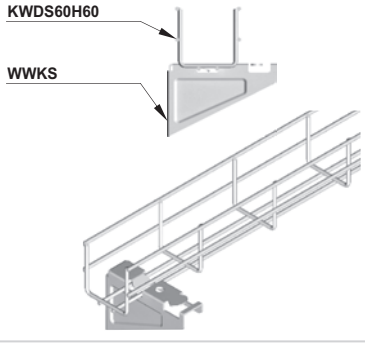
WIDTH	USABLE CROSS SECTION
60	22 cm²
100	43 cm²
200	94 cm²
300	146 cm²
400	198 cm²

KCS - H110

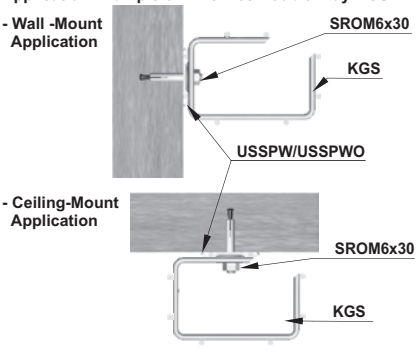
WIDTH	USABLE CROSS SECTION
100	86 cm²
200	186 cm²
300	288 cm²
400	390 cm²
500	492 cm²
600	594 cm²

MATERIAL
Electro-galvanised wire (EG)
Available finishes:
F- hot-dip galv. wire
to PN-EN ISO 1461:2011 (HDG)
E- stainless steel wire (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC)
(info p. 4)

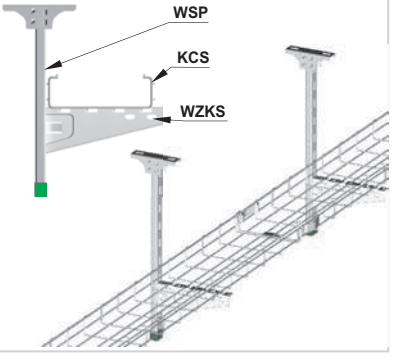
Application Example of Wire Mesh Cable Tray KWDS



Application Example of Wire Mesh Cable Tray KGS



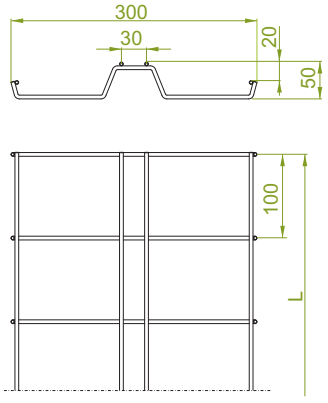
Application Example of Wire Mesh Cable Tray KCS



E-90 - Detailed info in section XIX

Wire Mesh Cable Tray

KDSD300H50

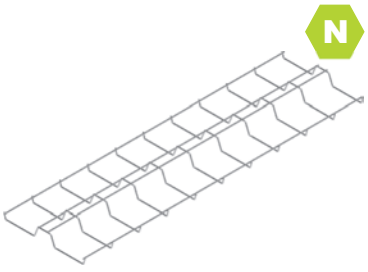


Max. load 4 kg/m at the maximum spacing 1.2 m

APPLICATION
Cable routing.

KDSD300H50

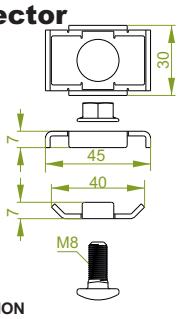
CODE	Length L mm	kg 1 m	Catalogue No.	Qty/m
KDSD300H50/3	3000	0.96	**970170**	8/24



MATERIAL
Electro-galvanised wire (EG)
Available finishes:
E- stainless steel wire (SS)
L- powder coating in a full range of colours (PC) (info p. 4)

Connector

LKDSC



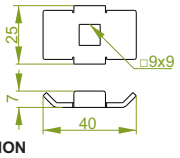
APPLICATION
Joining Wire Mesh Cable Tray KDSD300H60

LKDSC

CODE	kg 1 pc	Catalogue No.	Qty
LKDSC	0.06	**970171**	10

Ceiling Hanger

UKDSC

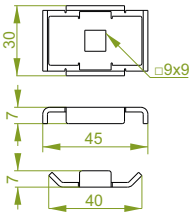


APPLICATION
Suspension of wire mesh cable trays KDSD300H60 under ceiling.

UKDSC

CODE	kg 1 pc	Catalogue No.	Qty
UKDSC	0.02	**970172**	10

UKDSPC



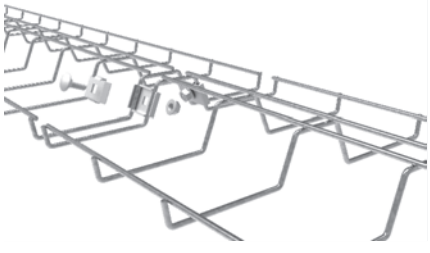
APPLICATION
Suspension of wire mesh cable trays KDSD300H60 under ceiling by using threaded rod

UKDSPC

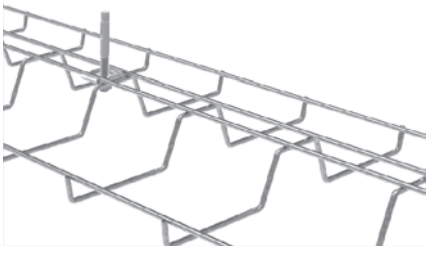
CODE	kg 1 pc	Catalogue No.	Qty
UKDSPC	0.04	**970173**	10

MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E - stainless steel wire (SS), grade 1.4301 (AISI304)
L - powder coating in a full range of colours (PC) (info p. 4)

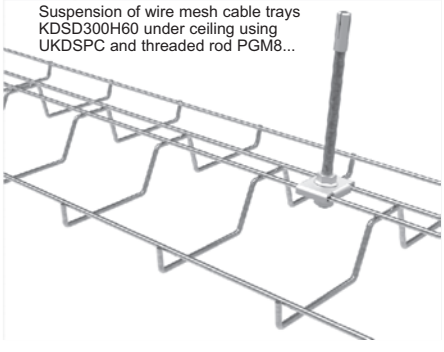
Joining Wire Mesh Cable Tray KDSD300H60 using LKDSC



Suspension of wire mesh cable trays KDSD300H60 under ceiling using UKDSC



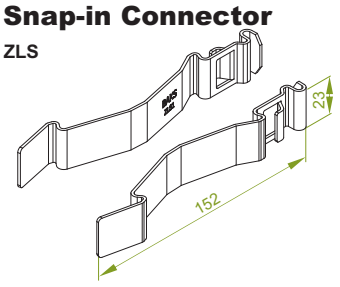
Suspension of wire mesh cable trays KDSD300H60 under ceiling using UKDSPC and threaded rod PGM8...



Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Snap-in Connector

ZLS



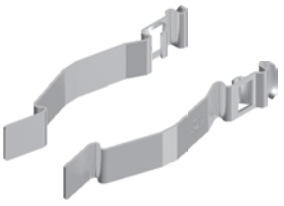
APPLICATION
Joining Wire Mesh Cable Tray Lengths.
For cable trays **H35, H60 and H110**.
Mount-and-Go Set:
for width **100-200** use
2 x ZLS... + 1 x UZS...,
for width **300** use
2x ZLS... + 2 x UZS...
for width **400-600** use
2x ZLS... + 3 x UZS...

ZLS...

CODE	kg 1 pc	Catalogue No.	Qty
ZLS1	0.05	**901800**	50
ZLS2	0.05	**911810**	50
ZLS3	0.05	**911820**	50

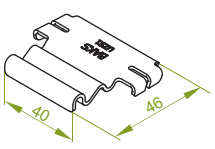
Note. Choose connectror ZLS to apropriate type of wire mesh cable tray

CODE	Type of wire mesh cable tray	Wire mesh cable tray parameters
STANDARD	KDS	35-300H35
	KDS/KDSO	60-200H60
ZLS1	KDS	100H110
	KDSZ and KSG	35-300H35 and 60-200H60
	KWDS	60H60
	KGS	60-100H60
	KCS	60-200H60
ZLS2	KDS and KDSZ	300-400H60 and 200-300H110
	KSG	300-400H60 and 200-300H110
	KCS	200-300H110
ZLS3	KDS and KDSZ	500-600H60 and 400-600H110
	KSG	500-600H60 and 400-600H110
	KCS	400-600H110



Snap-in Bottom Connector

UZS



APPLICATION
Joining Wire Mesh Cable Tray Length at the tray bottom. Used in a set with Snap-in connector for Wire Mesh Cable Tray **ZLS**
with cable trays **H35, H60 and H110**
and widths **100÷600**.
Mount-and-Go Set:
for width **100-200** use
2 x ZLS... + 1 x UZS...,
for width **300** use
2x ZLS... + 2 x UZS...
for width **400-600** use
2x ZLS... + 3 x UZS...

UZS...

CODE	kg 1 pc	Catalogue No.	Qty
UZS1	0.03	**904100**	50
UZS2	0.03	**904110**	50
UZS3	0.03	**904120**	50

Note. Choose connectror UZS to apropriate type of wire mesh cable tray

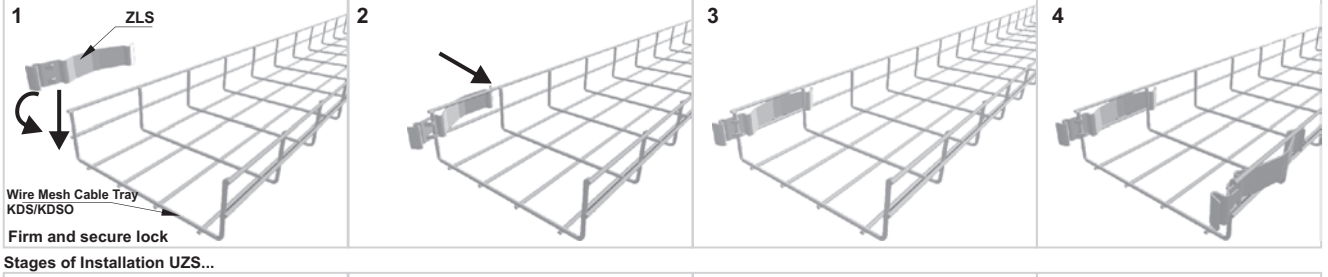
CODE	Type of wire mesh cable tray	Wire mesh cable tray parameters
STANDARD	KDS	35-300H35
	KDS/KDSO	60-200H60
UZS1	KDS	100H110
	KDSZ and KSG	35-300H35 and 60-200H60
	KWDS	60H60
	KGS	60-100H60
	KCS	60-200H60
UZS2	KDS and KDSZ	300-400H60 and 200-300H110
	KSG	300-400H60 and 200-300H110
	KCS	200-300H110
UZS3	KDS and KDSZ	500-600H60 and 400-600H110
	KSG	500-600H60 and 400-600H110
	KCS	400-600H110

Important!
Before the installation of Snap-in Bottom Connector UZS first attach Snap-in Connector for Wire Mesh Cable Tray ZLS

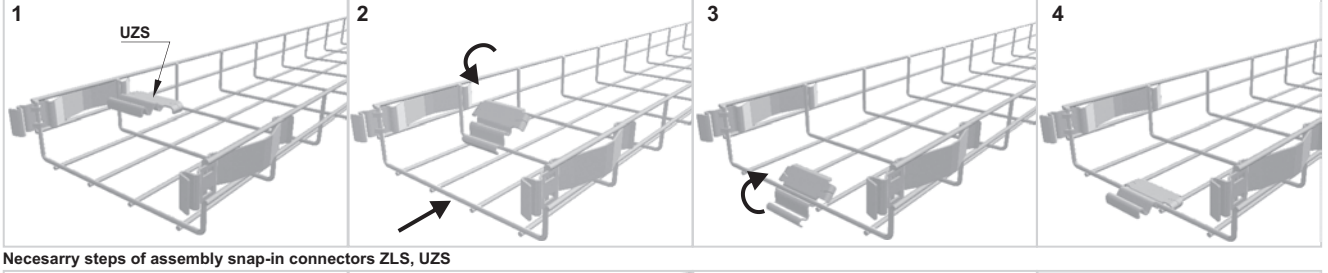
Innovative connection of wire mesh cable trays!
Due to high durability parameters of materials used for snap-in connectors we reach firm and solid connection of wire mesh cable trays, equal to connection by usual bolted connectors.

MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel wire (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

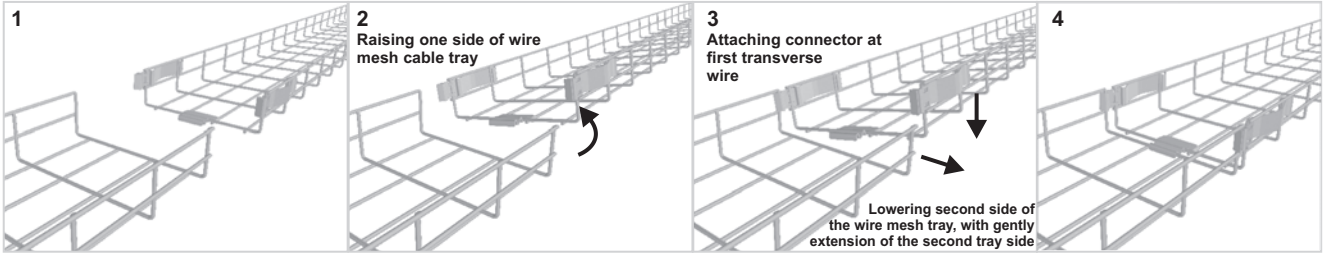
Stages of Installation ZLS...



Stages of Installation UZS...



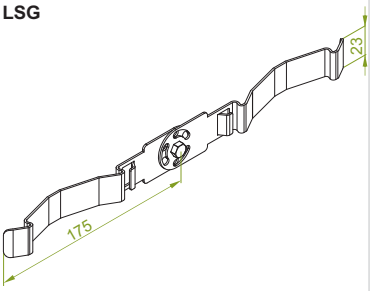
Necesarry steps of assembly snap-in connectors ZLS, UZS



Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Articulated Snap-in Connector

LSG



LSG

CODE	kg 1 pc	Catalogue No.	Qty
LSG	0.12	901900	50

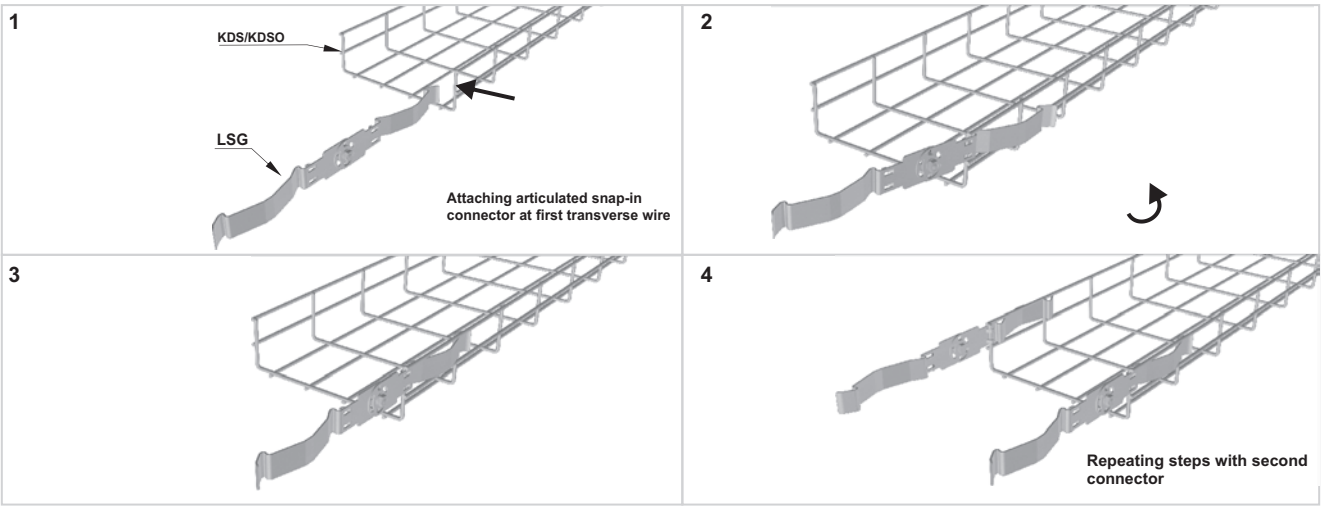
Features & Benefits:
- firm and secure connection of wire mesh cable trays without additional tools
- smooth angle adjustment from 0°to 90°

Innovative connection of wire mesh cable trays!
Due to high durability parameters of materials used for snap-in connectors we reach firm and sollid connection of wire mesh cable trays, equal to connection by usual bolted connectors

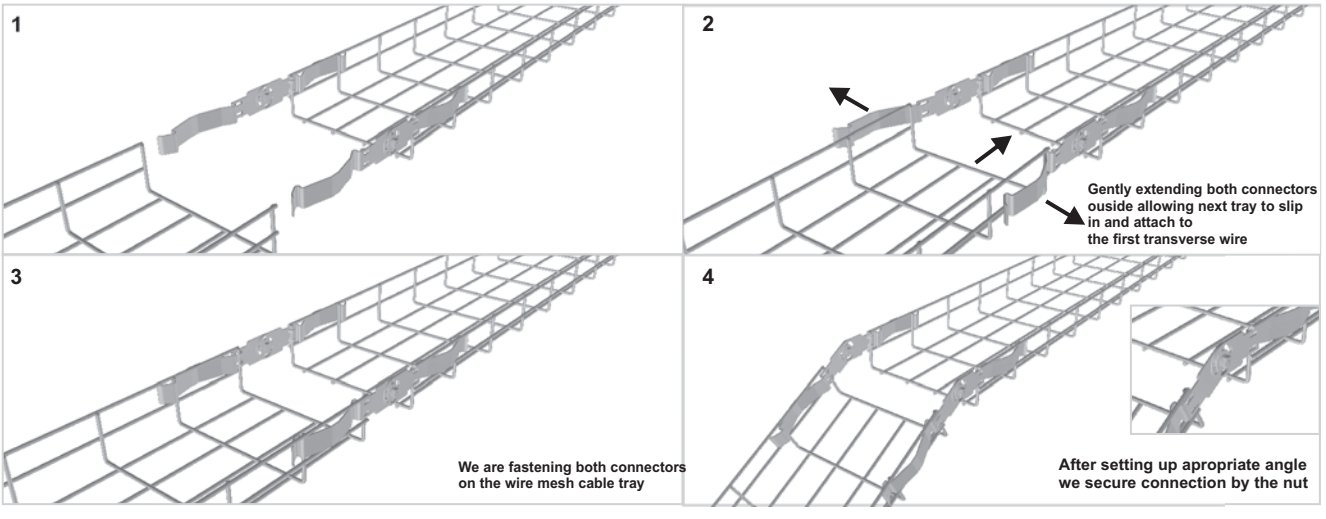
MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating method PN-EN ISO 10683:2014-09
E- stainless steel wire (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

APPLICATION
Joining Wire Mesh Cable Tray lengths at an angle.
For wire mesh cable trays of side heights: 35mm, 60mm and 110mm

Stages of Installation LSG...



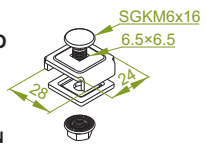
Necesarry steps of assembly wire mesh cable trays LGS connectors with another tray



Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Joint Connector (set)

USSN/USSO



APPLICATION
Joining system components of Wire Mesh Cable Trays

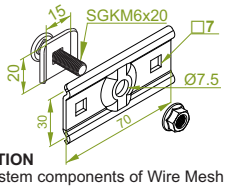
USSN/USSO

E-90

CODE	kg 1 set	Catalogue No.	set
USSN/USSO	0.04	900201	100

Joint connector for cable tray side heights:**H35**, **H60, H110**.
At side height **H35** for width : 35÷50 use **2x USSN/USSO,**
100 - **3x USSN/USSO,** 200 ÷ 300 - **4x USSN/USSO.**
At side height **H60** for width: 60 use **2x USSN/USSO,**
100 - **3x USSN/USSO,** 200÷400 - use **4x USSN/USSO,** 500÷600 - **5x USSN/USSO**
At side height **H110** for width 100 use **3x USSN/USSO,**
200÷400 - **4x USSN/USSO,** 500÷600 - **5x USSN/USSO.**

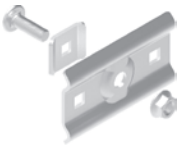
USSW



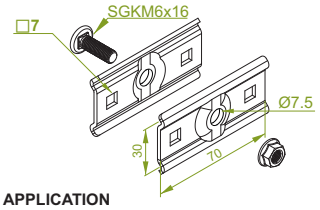
APPLICATION
Joining system components of Wire Mesh Cable Trays

USSW

CODE	kg 1 set	Catalogue No.	set
USSW	0.07	900500	100



USSPW/USSPWO

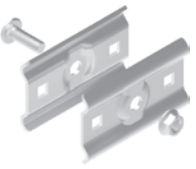


APPLICATION
Joining the side while creating a bend from Wire Mesh Cable Tray

USSPW/USSPWO

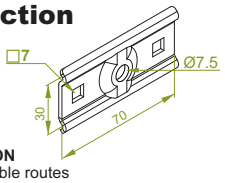
E-90

CODE	kg 1 set	Catalogue No.	set
USSPW/USSPWO	0.09	903200	100



Connection Piece

USSP



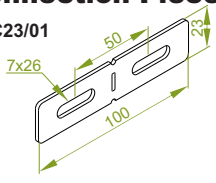
APPLICATION
Assembly cable routes

USSP

CODE	kg 1 pc	Catalogue No.	Qty
USSP	0.04	902300	100

Connection Piece

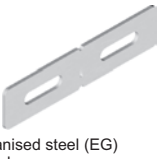
PLC23/01



APPLICATION
Joining the side while creating a bend from Wire Mesh Cable Tray

PLC23/01

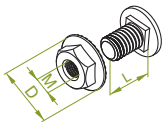
CODE	kg 1 pc	Catalogue No.	Qty
PLC23/01	0.10	901300	100



MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E - stainless steel (SS)
L - powder coating in a full range of colours (PC) (info p. 4)

Screw Set

SGK...
SGKF...



APPLICATION
Joining system components

SGK

CODE	Dimension M mm	Length L mm	Dimension D mm	Catalogue No.	set
SGKM6x16	6	16	13	655141	100
SGKM6x20	6	20	13	903100	100

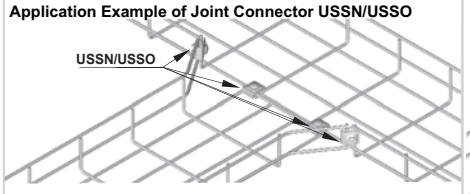
MATERIAL dla SGK...
Electro-galvanised steel (EG).
Available finishes:
E- stainless steel (SS)

SGKF...

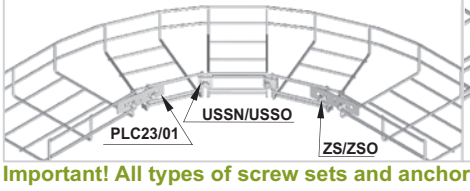
CODE	Dimension M mm	Length L mm	Dimension D mm	Catalogue No.	set
SGKFM6x12	6	12	13	651441	100

MATERIAL SGKF
Steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09

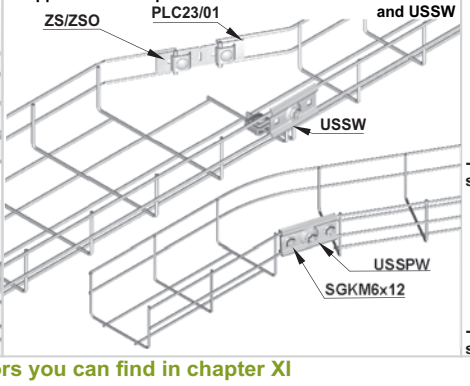
Application Example of Joint Connector USSN/USSO



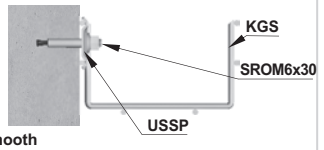
Application Example of PLC23/01



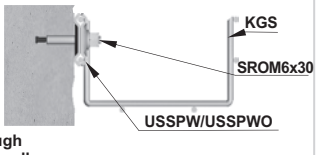
Application Example of Joint Connector USSPW/USSPWO and USSW



Examples of direct assembly of Joint connector USSPW/USSPWO to the wall



- to the smooth surface of wall



- to the rough surface of wall

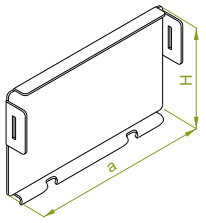
Important! All types of screw sets and anchors you can find in chapter XI

E-90 - Detailed info in section XIX

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Blind End

ZKLS...



ZKLS...H35

CODE	Width a mm	Height H mm	Catalogue No.	Qty
ZKLS35H35	35	35	930335	100
ZKLS60H35	60	35	930535	100
ZKLS100H35	100	35	931035	100
ZKLS200H35	200	35	932035	50
ZKLS300H35	300	35	933035	50

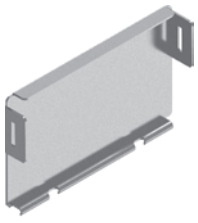
ZKLS...H60

CODE	Width a mm	Height H mm	kg 1 pc	Catalogue No.	Qty
ZKLS60H60	60	60	0.03	970660	100
ZKLS100H60	100	60	0.05	971060	100
ZKLS150H60	150	60	0.08	971560	100
ZKLS200H60	200	60	0.11	972060	100
ZKLS300H60	300	60	0.16	973060	100
ZKLS400H60	400	60	0.21	974060	100
ZKLS500H60	500	60	0.27	975060	100
ZKLS600H60	600	60	0.32	976060	100

ZKLS...H110

CODE	Width a mm	Height H mm	kg 1 pc	Catalogue No.	Qty
ZKLS100H110	100	110	0.04	921011	100
ZKLS150H110	150	110	0.07	921511	100
ZKLS200H110	200	110	0.11	922011	100
ZKLS300H110	300	110	0.15	923011	100
ZKLS400H110	400	110	0.22	924011	100
ZKLS500H110	500	110	0.29	925011	100
ZKLS600H110	600	110	0.37	926011	100

Features & Benefits:
- esthetic finishing of a cable route
- fast, screwless montage

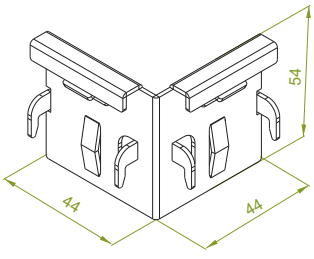


MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E - stainless steel (SS), grade 1.4301 (AISI304)
L - powder coating in a full range of colours (PC) (info p. 4)

APPLICATION
To end cable route

Angle Connector

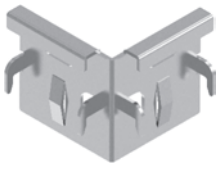
LKSUC



LKSUC

CODE	kg 1 pc	Catalogue No.	Qty
LKSUC	0.07	910006	100

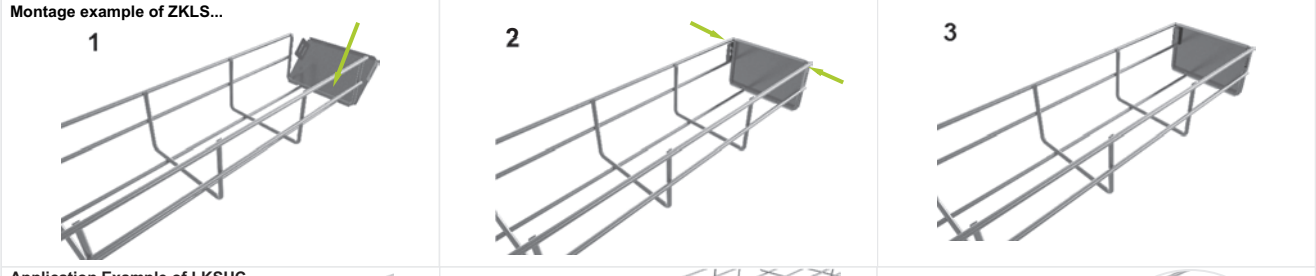
Features & Benefits:
-branching out cable routes
-fast and secure screwless montage in any spot of cable route



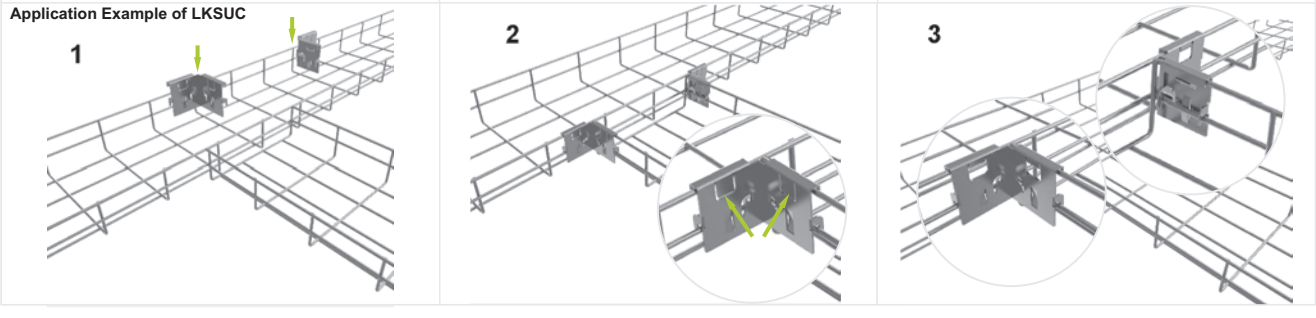
MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

APPLICATION
Branching the cable route in any place of wire mesh cable tray. Fits with trays 60 and 110 mm high

Montage example of ZKLS...



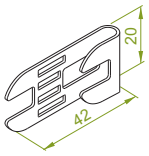
Application Example of LKSUC



Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Mounting Connector for Fittings

PKKS



APPLICATION
Making horizontal bends from wire mesh trays

PKKS

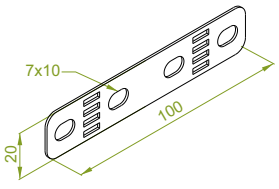
CODE	kg 1 pc	Catalogue No.	qty
PKKS	0.01	**910090**	100

Features & Benefits:
- making horizontal bends from wire mesh trays
- screwless preliminary montage
- possibility of connection reinforcement with the screw
- possibility of horizontal bends' inner radius regulation

for width 100-600 mm

Mounting Connector for Fittings

PSKS



APPLICATION
Making horizontal bends from wire mesh trays

PSKS

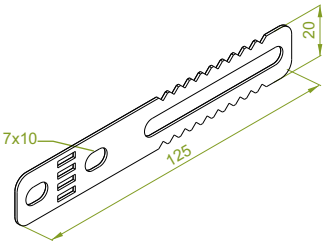
CODE	kg 1 pc	Catalogue No.	qty
PSKS	0.02	**910100**	50

Features & Benefits:
- making horizontal bends from wire mesh trays
- screwless preliminary montage
- possibility of connection reinforcement with the screw

for width 150-400 mm

Mounting Connector for Fittings

PDKS



APPLICATION
Making horizontal bends from wire mesh trays

PDKS

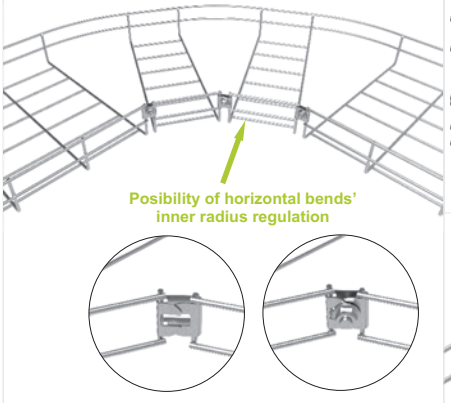
CODE	kg 1 pc	Catalogue No.	qty
PDKS	0.03	**910200**	50

Features & Benefits:
- making horizontal bends from wire mesh trays
- screwless preliminary montage
- possibility of connection reinforcement with the screw
- possibility of horizontal bends' inner radius regulation

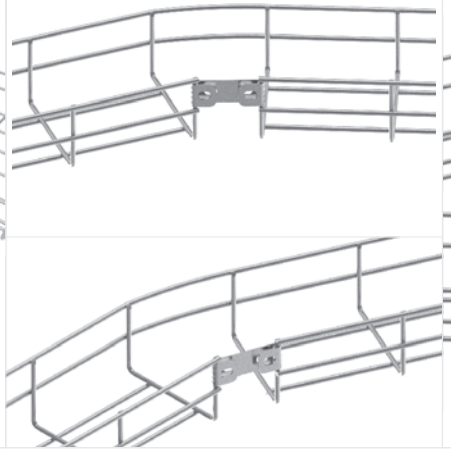
for width 50 and 100 mm

MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

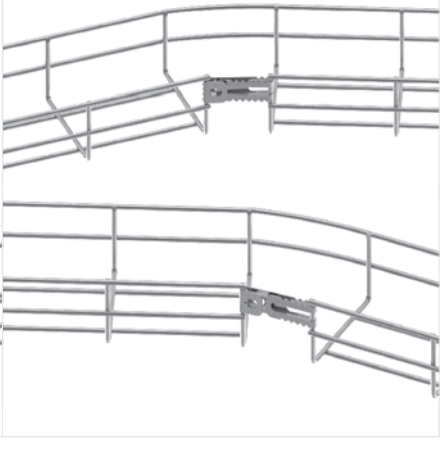
Application Example of PKKS



Application Example of PSKS



Application Example of PDKS

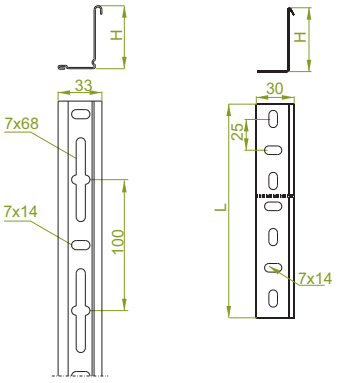


Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Barrier Strip

PG...N — New version

PG... — Old version



APPLICATION
Lengthwise division of wire mesh cable trays

PGL...N

≠ 0.7 mm

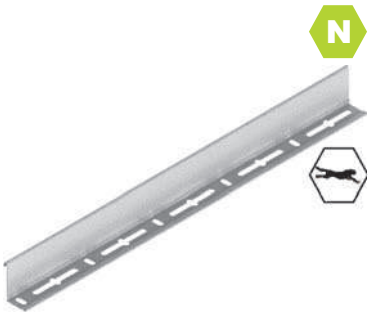
CODE	Height H mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
PGL50/3N	47	3000	0.48	**150409**	10/30
PGL100/3N	97	3000	0.78	**110209**	10/30

PGJ...N

≠ 1.0 mm

CODE	Height H mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
PGJ100/3N	97	3000	1.07	**110409**	10/30

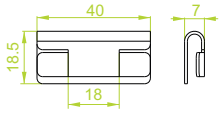
Important!
Barrier Strip made of stainless steel is available in old version only



MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F- steel, hot-dip galv. to PN-EN ISO 1461:2011 (HDG) only for **PGJ...**
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Barrier Strip Connector -Top

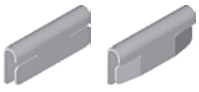
LPG



LPG

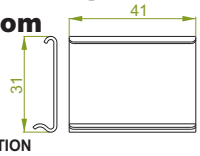
≠ 1.0 mm

CODE	kg 1 pc	Catalogue No.	Qty
LPG	0.01	**191000**	100



Barrier Strip Connector -Bottom

LPD



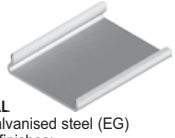
APPLICATION
Alignment of upper and lower sides of joined Barrier Strips. Preventing damage to cables while distributing or pulling them.

LPD

≠ 1.0 mm

CODE	kg 1 pc	Catalogue No.	Qty
LPD	0.01	**192000**	100

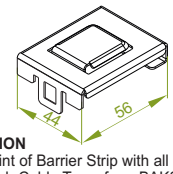
Features & Benefits:
Thanks to connecting/aligning upper and lower edges of barrier strip the risk of damaging cables while distributing or pulling them is eliminated
IMPORTANT!
It only suits a new type of barrier strip



MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Barrier Strip Clamp

UPDS



APPLICATION
Tool free joint of Barrier Strip with all types of Wire Mesh Cable Trays from BAKS

UPDS

≠ 1.0 mm

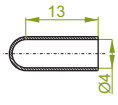
CODE	kg 1 pc	Catalogue No.	Qty
UPDS	0.02	**902220**	100

Features & Benefits:
- fast and easy assembly and disassembly
- suits all types of wire mesh cable trays from BAKS
- tooL -free installation
IMPORTANT!
It only suits a new type of barrier strip

MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
L - powder coating in a full range of colours (PC) (info p. 4)

Protective Cap

NOS



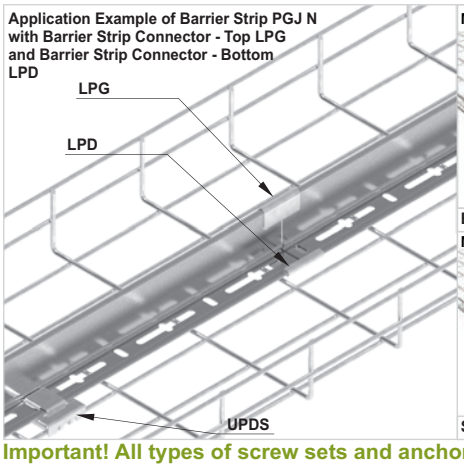
APPLICATION
Protection from damage due to sharp edges, resulting from cutting the tray for required custom length.

NOS

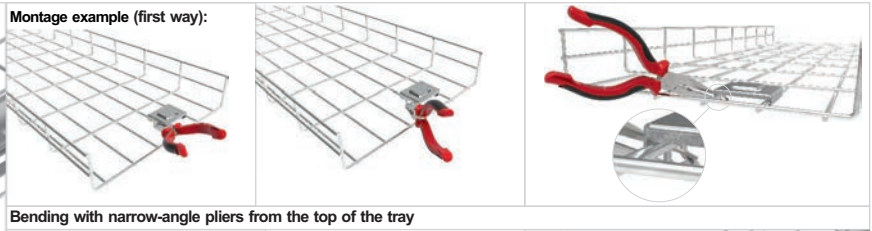
CODE	kg 1 pc	Catalogue No.	Qty
NOS	0.01	**900013**	100

MATERIAL
EPDM (rubber)

Application Example of Barrier Strip PGJ N with Barrier Strip Connector - Top LPG and Barrier Strip Connector - Bottom LPD

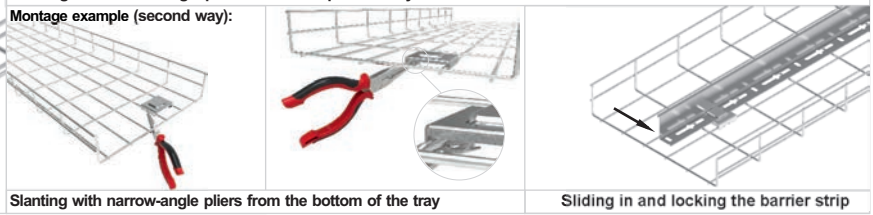


Montage example (first way):



Bending with narrow-angle pliers from the top of the tray

Montage example (second way):



Slanting with narrow-angle pliers from the bottom of the tray

Sliding in and locking the barrier strip

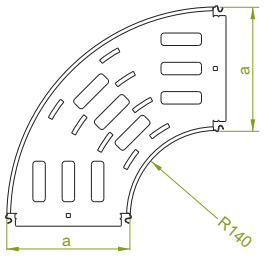
Important! All types of screw sets and anchors you can find in chapter XI

Sheet thickn. ≠ [mm]: 0.5 0.7 1.0 1.2 1.5

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

90° Horizontal Bend

KKS...



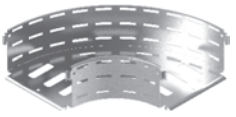
KKS...H60

CODE	Width a mm	kg 1 pc	Catalogue No.	Qty
KKS60H60	60	0.56	972106	2
KKS100H60	100	0.86	972110	2
KKS150H60	150	1.29	972115	2
KKS200H60	200	1.55	972120	2
KKS300H60	300	2.40	972130	2
KKS400H60	400	3.47	972140	2
KKS500H60	500	4.70	972150	2
KKS600H60	600	6.13	972160	2

E-90

KKS...H110

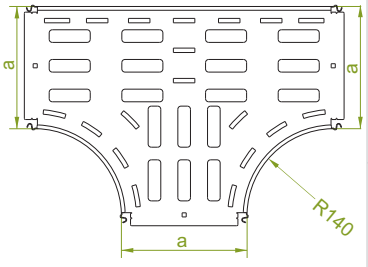
CODE	Width a mm	kg 1 pc	Catalogue No.	Qty
KKS100H110	100	1.55	920310	2
KKS200H110	200	2.15	920320	2
KKS300H110	300	3.00	920330	2
KKS400H110	400	4.07	920340	2
KKS500H110	500	5.30	920350	2
KKS600H110	600	6.73	920360	2



APPLICATION
Diversions in cable routing.

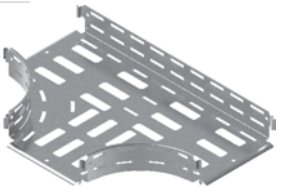
Horizontal Tee

TKS...



TKS...H60

CODE	Width a mm	kg 1 pc	Catalogue No.	Qty
TKS60H60	60	0.71	971106	1
TKS100H60	100	1.18	971110	1
TKS150H60	150	1.77	971115	1
TKS200H60	200	2.04	971120	1
TKS300H60	300	3.16	971130	1
TKS400H60	400	4.52	971140	1
TKS500H60	500	6.12	971150	1
TKS600H60	600	7.96	971160	1



E-90

TKS...H110

CODE	Width a mm	kg 1 pc	Catalogue No.	Qty
TKS100H110	100	2.04	920210	1
TKS200H110	200	2.54	920220	1
TKS300H110	300	3.72	920230	1
TKS400H110	400	5.13	920240	1
TKS500H110	500	6.79	920250	1
TKS600H110	600	8.69	920260	1

Benefits:
Faster assembly of cable routes thanks to the integrated connector for fittings

APPLICATION
Branching out cable runs

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Integrated connector (set)

USKS

APPLICATION
For strengthening the Tab-Lock joint under heavy load

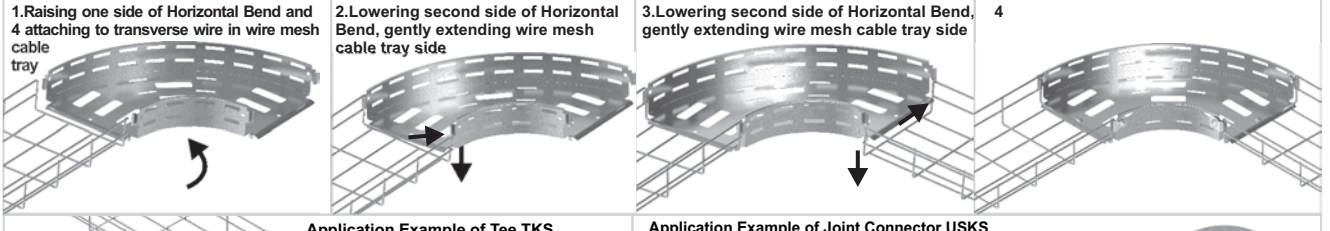
USKS

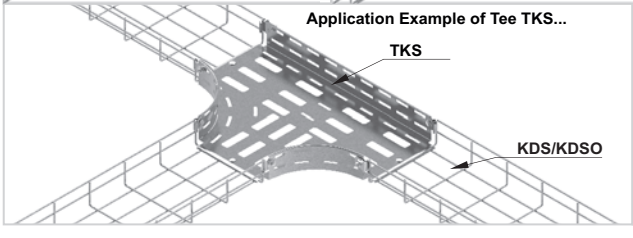
CODE	kg 1 set	Catalogue No.	set
USKS	0.10	901850	50

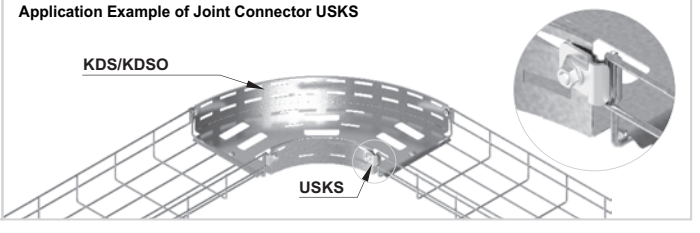
E-90

MATERIAL
Electro-galvanised steel (EG).
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)

Stages of Installation KKS...



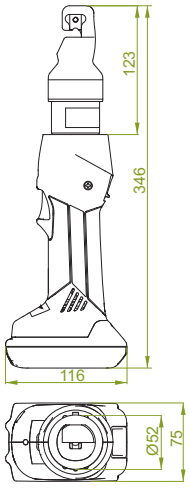




E-90 - Detailed info in section XIX

Battery powered cable tray cutter

NAKS



APPLICATION
The battery powered wire mesh cable tray cutter is able to cut Stainless Steel trays up to 6mm dia. easily, quickly and cleanly.

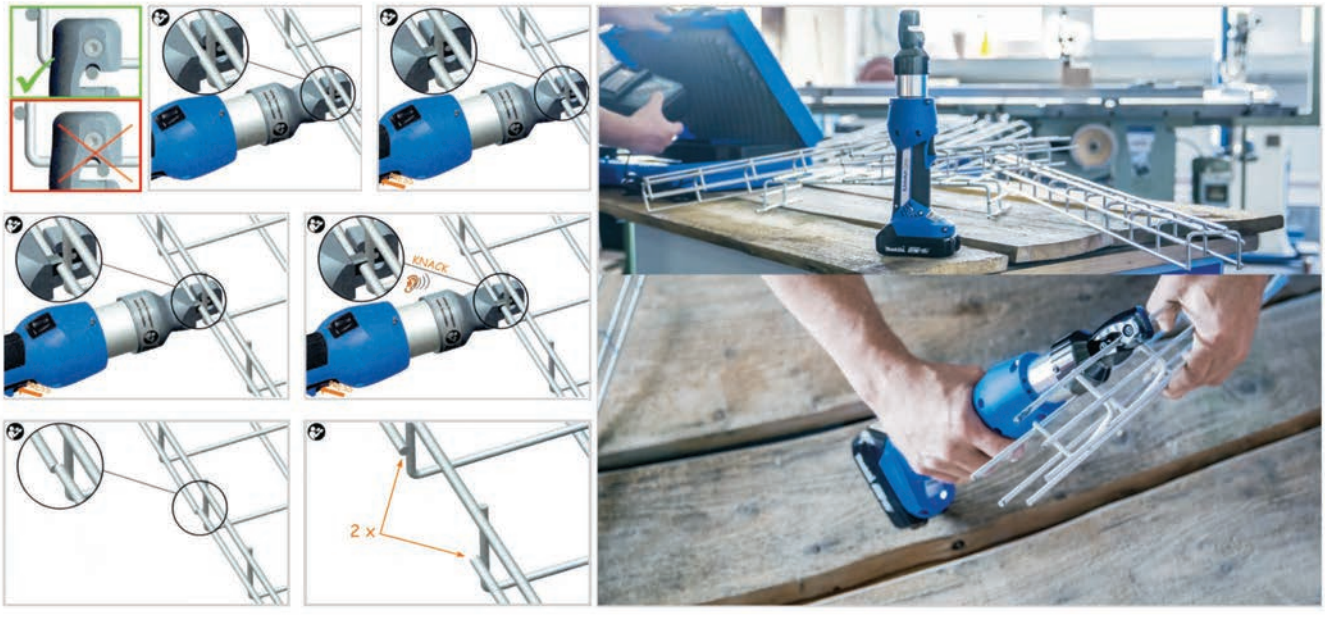
NAKS

CODE	Catalogue No.	Qty
NAKS	700160	1

Characteristics at a glance
- Open rotating cutting head
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tool functions
- Ergonomic 2-component housing with soft grips for comfortable and safe one-hand operation
- Balanced centre of gravity for simple handling and effortless operations
- LED for workplace illumination
- High-performance 18 V Lithium-ion batteries with high capacity and extremely short charging time
- High-performance motors for maximum operating speed
- Energy saving function by switching off the motor when the cutting operation is complete
- Quick motor stop for high user safety
- Automatic retraction when cut is complete
- Manual blade retraction if required
- Multifunction LED for maintenance display and battery charge indication of the battery
- Environmentally-friendly hydraulic oil, quickly biodegradable

SPECIFICATION

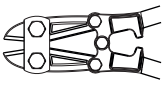
Cutting range	max. 6 mm VA
Cutting force	24 kN
Cutting time	< 1s
Number of cuts	approx. 300 at 6 mm VA
Battery voltage	18 V
Capacity	1.5 Ah
Charging time	15 min
Weight incl. battery	1.9 kg
Ambient temperature	-10 do +40 degress



Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Wire Mesh Cable Tray Cutter

NKS



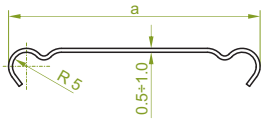
APPLICATION
Cutting wire mesh cable tray sections

NKS

CODE	Catalogue No.	Qty
NKS	700150	1

Cover

PKRS...
PKJS..



APPLICATION
Eliminating the risk of mechanical damage to cables. Improving overall aesthetic appearance of cable runs

PKRS...

≠ 0.5 mm

CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
PKRS60/3	60	3000	0.28	900106	20/60
PKRS100/3	100	3000	0.45	900110	20/60
PKRS150/3	150	3000	0.67	900115	10/30
PKRS200/3	200	3000	0.86	900120	10/30
PKRS300/3	300	3000	1.25	900130	10/30

PKJS...

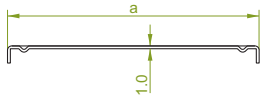
≠ 1.0 mm

CODE	Width a mm	Length L mm	kg 1 m	Catalogue No.	Qty/m
PKJS60/3	60	3000	0.64	900406	20/60
PKJS100/3	100	3000	1.04	900410	10/30
PKJS150/3	150	3000	1.44	900415	10/30
PKJS200/3	200	3000	1.84	900420	10/30
PKJS300/3	300	3000	2.64	900430	6/18
PKJS400/3	400	3000	3.44	900440	6/18
PKJS500/3	500	3000	4.24	900450	4/12
PKJS600/3	600	3000	5.04	900460	4/12

E-90

Cover For Horizontal Bend

PKKSS...



APPLICATION
Eliminating the risk of mechanical damage to cables. Improving overall aesthetic appearance of cable runs

PKKSS...

≠ 1.0 mm

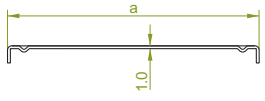
CODE	Width a mm	kg 1 pc	Catalogue No.	Qty
PKKSS60	60	0.08	911206	2
PKKSS100	100	0.16	911210	2
PKKSS150	150	0.28	911215	2
PKKSS200	200	0.45	911220	2
PKKSS300	300	0.90	911230	2
PKKSS400	400	1.50	911240	2
PKKSS500	500	2.26	911250	2
PKKSS600	600	3.16	911260	2

On special request covers with a lock are available

E-90

Cover For Horizontal Tee

PTKSS...



APPLICATION
Eliminating the risk of mechanical damage to cables. Improving overall aesthetic appearance of cable runs

PTKSS...

≠ 1.0 mm

CODE	Width a mm	kg 1 pc	Catalogue No.	Qty
PTKSS60	60	0.10	911306	2
PTKSS100	100	0.20	911310	2
PTKSS150	150	0.35	911315	2
PTKSS200	200	0.54	911320	2
PTKSS300	300	1.00	911330	2
PTKSS400	400	1.64	911340	2
PTKSS500	500	2.42	911350	2
PTKSS600	600	3.35	911360	2

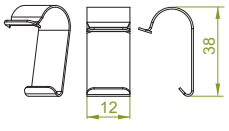
On special request covers with a lock are available

E-90

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F- steel, hot-dip galv. to PN-EN ISO 1461:2011 (HDG),
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Cover Clamp

ZPNH80



APPLICATION
Preventing the cover from slipping. It goes with trays of side heights **H60** and **H110**

ZPNH80

CODE	Catalogue No.	Qty
ZPNH80	185000	100

ZPNH80F

CODE	Catalogue No.	Qty
ZPNH80F	185200	100

ZPNH80E

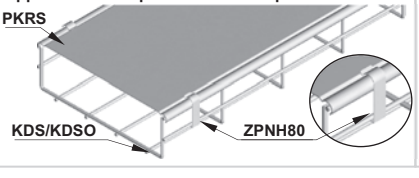
CODE	Catalogue No.	Qty
ZPNH80E	185100	100

E-90

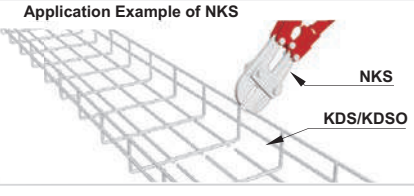
MATERIAL
Electro-galv. steel strip (EG) - (**ZPN**)
Stainless steel, grade 1.4301 (AISI304) strip (SS) - (**ZPN E**)
Hot-dip galv. steel strip (HDG) to PN-EN ISO 1461:2011 (**ZPN F**)

Application Example of Cover PKRS

Application Example of Cover Clamp ZPNH80



Application Example of NKS



E-90 - Detailed info in section XIX

Sheet thickn. ≠ [mm]: 0.5 0.7 1.0 1.2 1.5

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Grounding Clamp

UUS

APPLICATION
For earthing cable runs of wire mesh cable tray

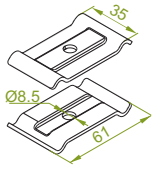
UUS

CODE	Catalogue No.	Qty
UUS	903000	10

MATERIAL
Brass

Center Hanger (set)

ZSW



APPLICATION
Suspending wire mesh cable trays and connecting components of wire mesh cable tray systems

ZSW

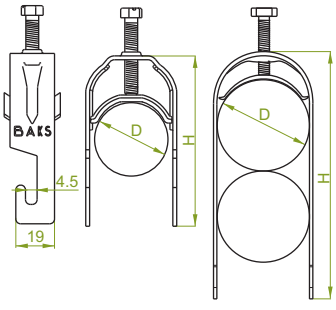
CODE	kg 1 pc	Catalogue No.	Qty
ZSW	0.04	902200	100

E-90

MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Cable Clamp

UKZ1/UKZO1... **UKZ2...**



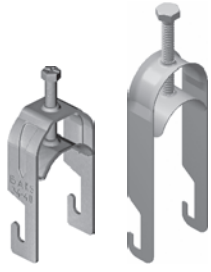
APPLICATION
Fixing cables to wire mesh cable trays.

UKZ1/UKZO1...

CODE	Dimension D mm	Height H mm	kg 1 pc	Catalogue No.	Qty
UKZ1/UKZO1/16-22	16-22	62	0.04	400900	100
UKZ1/UKZO1/22-28	22-28	68	0.06	401000	100
UKZ1/UKZO1/28-34	28-34	76	0.07	401100	100
UKZ1/UKZO1/34-40	34-40	85	0.08	401200	50
UKZ1/UKZO1/40-46	40-46	92	0.09	401300	50
UKZ1/UKZO1/46-52	46-52	102	0.10	401400	50
UKZ1/UKZO1/52-58	52-58	107	0.11	401601	50
UKZ1/UKZO1/58-64	58-64	111	0.12	401500	50

UKZ2...

CODE	Dimension D mm	Height H mm	kg 1 pc	Catalogue No.	Qty
UKZ2/16-22	16-22	84	0.06	401600	100
UKZ2/22-28	22-28	97	0.09	401700	100
UKZ2/28-34	28-34	110	0.10	401800	100
UKZ2/34-40	34-40	125	0.12	401900	100
UKZ2/40-46	40-46	137	0.13	402000	50
UKZ2/46-52	46-52	154	0.15	402100	50
UKZ2/52-58	52-58	165	0.16	402301	50
UKZ2/58-64	58-64	175	0.17	402200	50

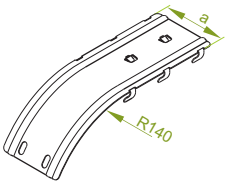


E-90

MATERIAL
Steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
Available finishes:
E- stainless steel (SS), grade 1.4301 (AISI304)

Drop-Out Plate

ZKS...



APPLICATION
Protecting cables against damage at their ends or at the side of wire mesh cable tray

ZKS...

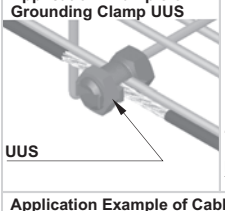
≠ 1.5 mm

CODE	Width a mm	kg 1 pc	Catalogue No.	Qty
ZKS60	40	0.18	902806	20
ZKS100	80	0.23	902810	20
ZKS200	180	0.53	902820	10
ZKS300	280	0.80	902830	10
ZKS400	380	1.08	902840	6
ZKS500	480	1.38	902850	6
ZKS600	580	1.68	902860	4

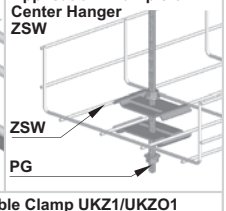
Features & Benefits:
- wide inner radius of cable drop-out and smooth surface for cables as they exit from the cable tray
- tool free installation

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F- steel, hot-dip galv. to PN-EN ISO 1461:2011 (HDG)
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

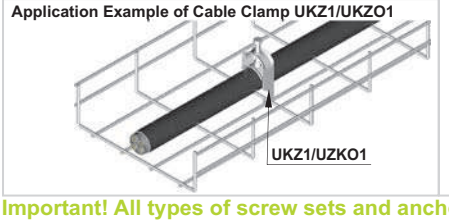
Application Example of Grounding Clamp UUS



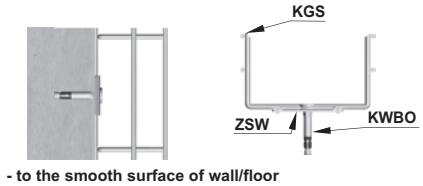
Application Example of Center Hanger ZSW



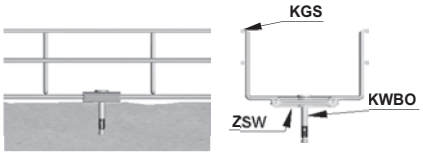
Application Example of Cable Clamp UKZ1/UKZO1



Examples of direct assembly of Center Hanger ZSW to the wall

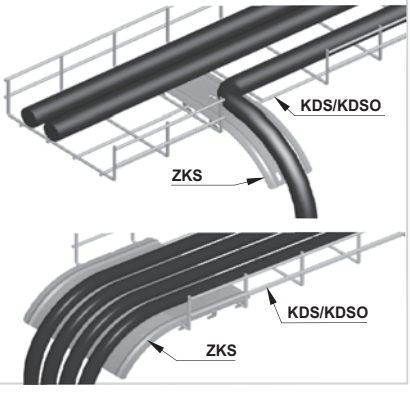


- to the smooth surface of wall/floor



- to the rough surface of floor/wall

Application Example of Drop-Out Plate ZKS



Important! All types of screw sets and anchors you can find in chapter XI

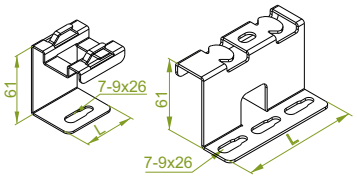
E-90 - Detailed info in section XIX

Sheet thickn. ≠ [mm]: 0.5 0.7 1.0 1.2 1.5

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Floor Bracket

WPS60 WPS...



APPLICATION
Assembly of floor cable routes

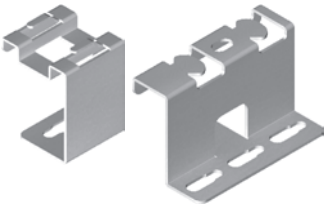
WPS...

≠ 2.0 mm

CODE	Length L mm	kg 1 pc	Catalogue No.	Qty
WPS60	50	0.09	901910	50
WPS100	100	0.16	901920	50
WPS200	200	0.32	901930	50

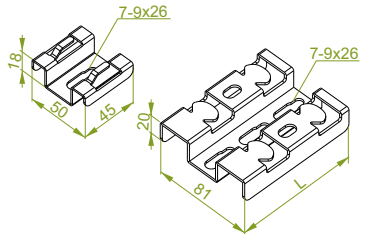
Floor bracket WPS60 fits to wire mesh cable trays 50 and 60mm wide

WPS60 WPS...



Wall/Floor Bracket

WPSS60 WPSS...



APPLICATION
Assembly of wall/floor cable routes

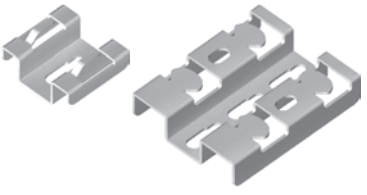
WPSS...

≠ 2.0 mm

CODE	Length L mm	kg 1 pc	Catalogue No.	Qty
WPSS60	45	0.06	902910	50
WPSS100	100	0.18	902920	50
WPSS200	200	0.34	902930	50

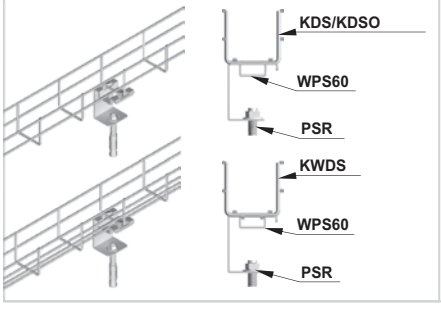
Wall/floor bracket WPSS60 fits to wire mesh cable trays 50 and 60mm wide

WPSS60 WPSS...

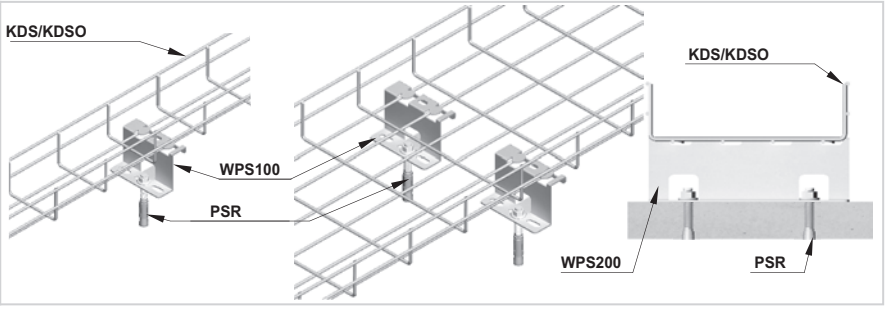


MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

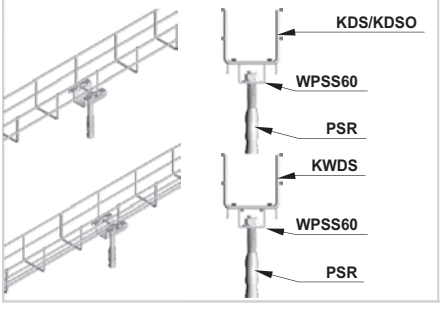
Application Example of WPS60 bracket



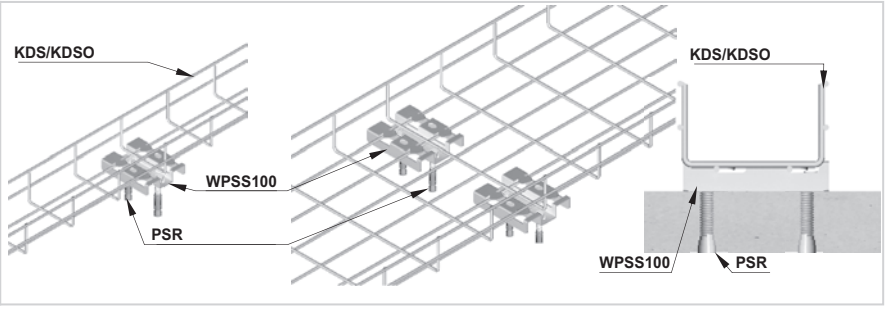
Application Example of WPS100 and WPS200 brackets



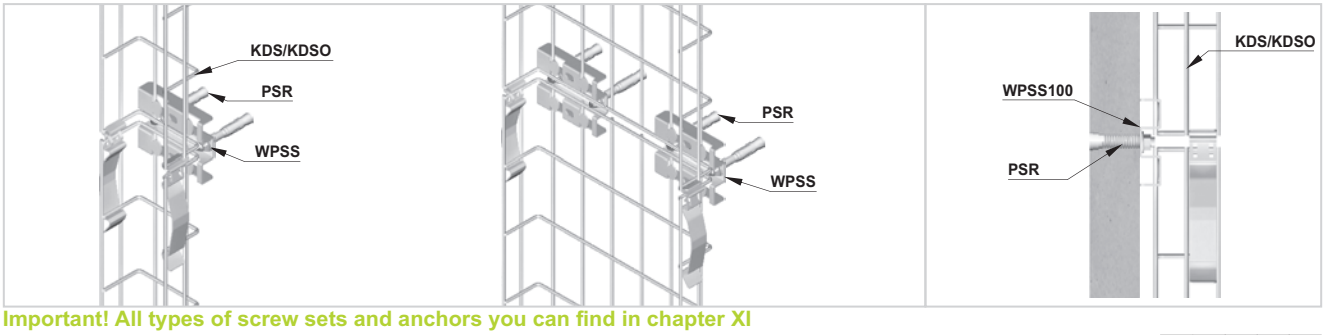
Example of assembly WPSS60 bracket - directly to the wall



Example of assembly WPSS100 bracket - directly to the floor



Example of assembly WPSS bracket - directly to the wall



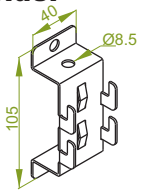
Important! All types of screw sets and anchors you can find in chapter XI

Sheet thickn. ≠ [mm]: 0.7 1.0 1.2 1.5 2.0

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Side Holder

BSM



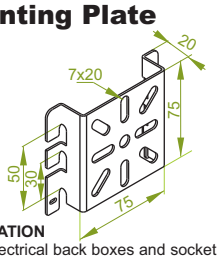
APPLICATION
Suspending/fastening wire mesh cable trays

BSM

CODE	kg 1 pc	Catalogue No.	Qty
BSM	0.07	902800	100

Mounting Plate

BMS



APPLICATION
Fixing electrical back boxes and socket outlets to wire mesh cable trays

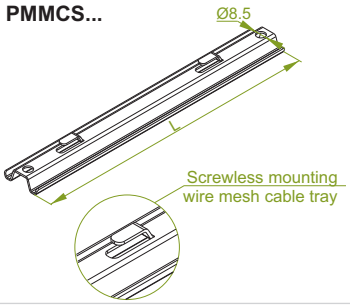
BMS

CODE	kg 1 pc	Catalogue No.	Qty
BMS	0.09	902500	50

MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Snap-in Support

PMMCS...

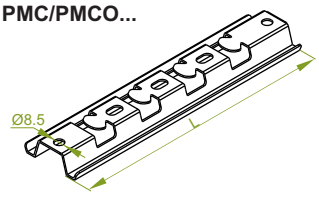


PMMCS...

CODE	Length L mm	kg 1 pc	Catalogue No.	Qty
PMMCS100	170	0.09	901210	50
PMMCS150	220	0.14	901215	50
PMMCS200	270	0.18	901220	50
PMMCS300	370	0.28	901230	20
PMMCS400	470	0.36	901240	20
PMMCS500	570	0.45	901250	20
PMMCS600	670	0.56	901260	20

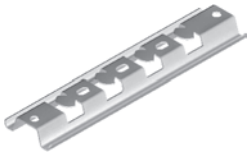
Snap-in Support

PMC/PMCO...

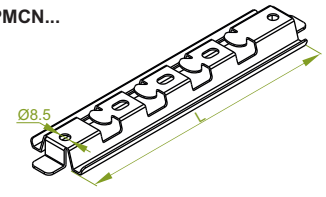


PMC/PMCO...

CODE	Length L mm	kg 1 pc	Catalogue No.	Qty
PMC/PMCO100	173	0.30	900910	50
PMC/PMCO150	223	0.36	900915	50
PMC/PMCO200	273	0.43	900920	50
PMC/PMCO300	373	0.58	900930	20
PMC/PMCO400	473	0.72	900940	20
PMC500	573	0.85	900950	20
PMC600	673	0.98	900960	20
PMC1000	1000	1.70	901911	8
PMC2000	2000	3.40	901922	8
PMC3000	3000	5.10	901933	8



PMCN...

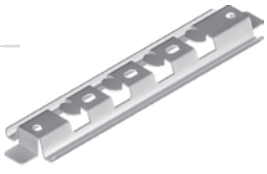


APPLICATION
Screwless mounting wire mesh cable tray.

PMCN...

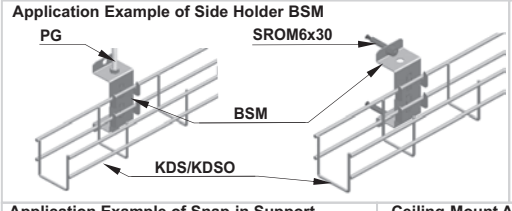
CODE	Length L mm	kg 1 pc	Catalogue No.	Qty
PMCN100	173	0.30	900911	50
PMCN200	273	0.43	900921	50
PMCN300	373	0.58	900931	20
PMCN400	473	0.72	900941	20
PMCN500	573	0.85	900951	20
PMCN600	673	0.98	900961	20

Shape of the Snap-in support allows direct assembly to the ground by machine-assembled anchors (holeless)



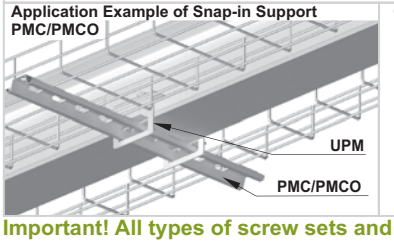
MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F- steel, hot-dip galv. to PN-EN ISO 1461:2011 (HDG)
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Application Example of Side Holder BSM

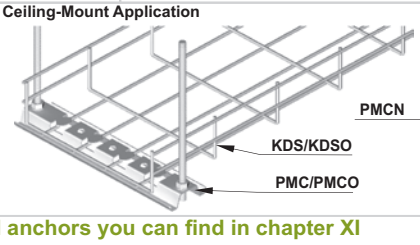


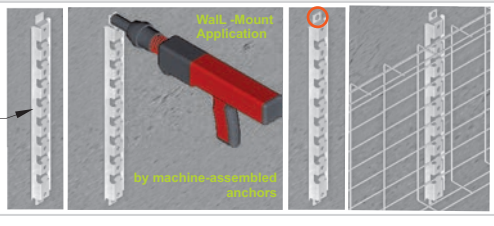
Application Example of Mounting Plate BMS

Application Example of Snap-in Support PMC/PMCO



Ceiling-Mount Application





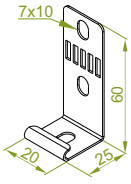
Important! All types of screw sets and anchors you can find in chapter XI

E-90 - Detailed info in section XIX

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Side Holder

USKM35



APPLICATION
Assembly of 35 mm wide wire mesh cable trays to the standard brackets or directly to the wall

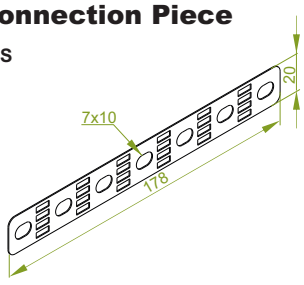
USKM35

CODE	kg 1 pc	Catalogue No.	qty
USKM35	0.01	910800	100

Features & Benefits:
- possibility of assembly wire mesh cable trays 35H35 to the wall vertically and horizontally
- possibility of assembly wire mesh cable trays to the brackets and support channels

Connection Piece

PLS

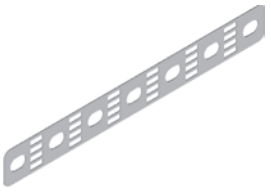


APPLICATION
Creating hangers and holders

PLS

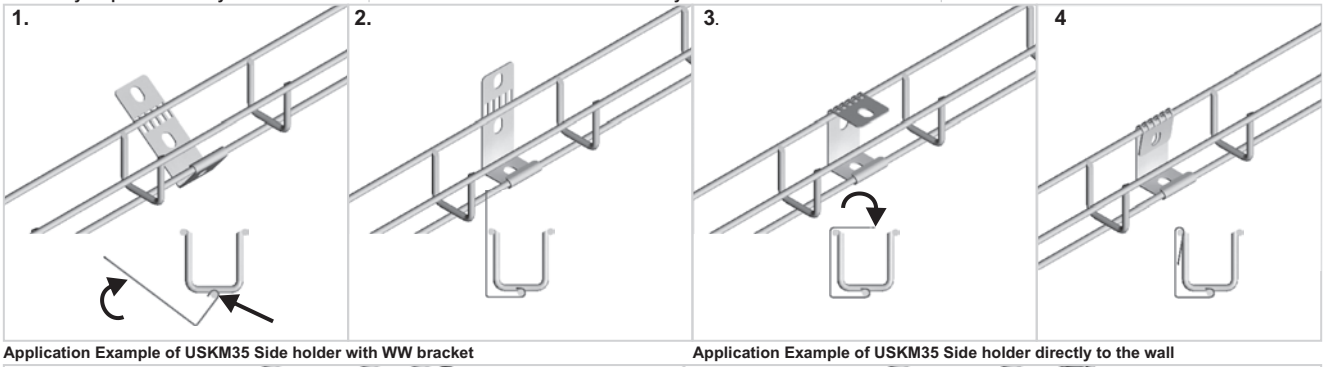
CODE	kg 1 pc	Catalogue No.	qty
PLS	0.02	901310	50

Features & Benefits:
- possible of assembly wire mesh cable trays to the wall and ceiling
- possbility of creation different hangers and holders for wire mesh cable trays suspension

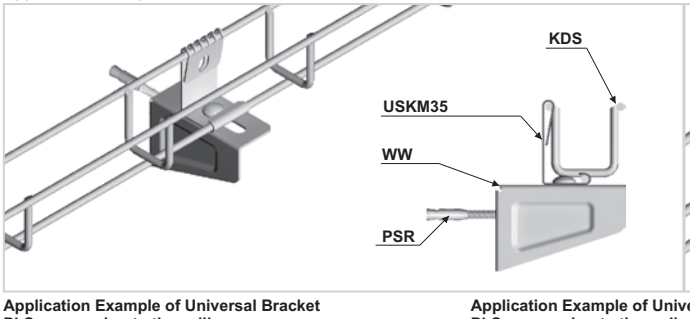


MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

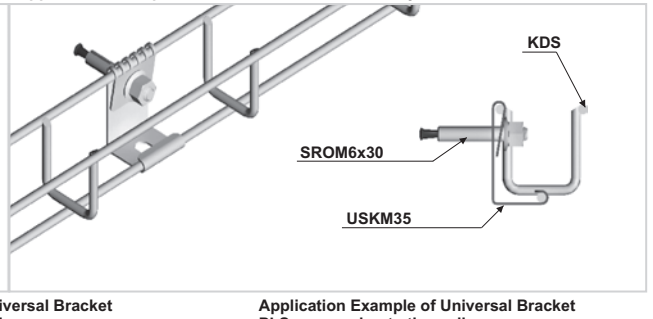
Necessary steps of assembly Side holder USKM35 to the KDS35H35 wire mesh cable tray



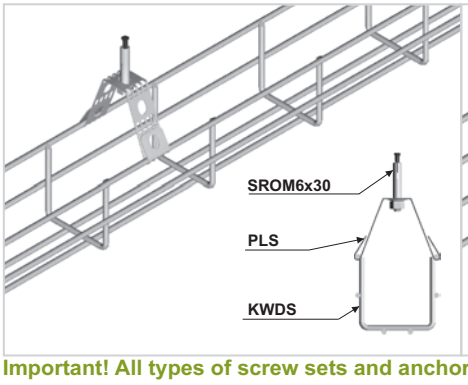
Application Example of USKM35 Side holder with WW bracket



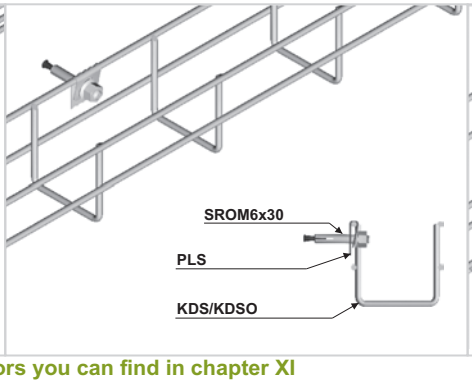
Application Example of USKM35 Side holder directly to the wall



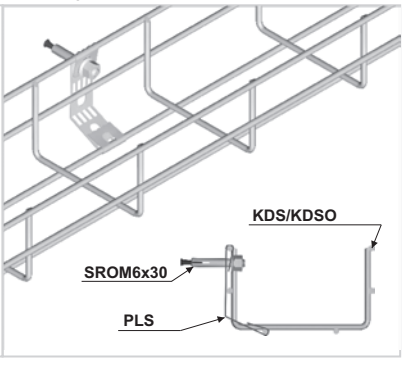
Application Example of Universal Bracket PLS suspension to the ceiling



Application Example of Universal Bracket PLS suspension to the wall



Application Example of Universal Bracket PLS suspension to the wall

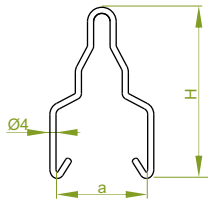


Important! All types of screw sets and anchors you can find in chapter XI

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Hanger

WD...

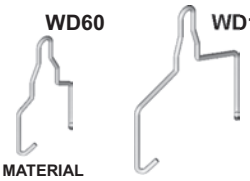


APPLICATION
Suspending cable routes and profiles

WD...

CODE	Width a mm	Height H mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	qty
WD60	60	115	0.55	0.03	**920000**	100
WD100	100	130	0.39	0.03	**940000**	50

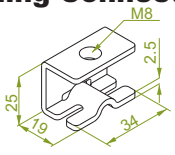
Hanger WD60 fits to wire mesh cable tray KDS60H60.
Hanger WD100 fits to KDS...100H35. H60, H110



MATERIAL
Electro-galvanised wire (EG)
Available finishes:
E- stainless steel wire (SS)
L- powder coating in a full range of colours (PC) (info p. 4)

Stiffening Connector

LUWD



APPLICATION
Simplified montage of WD... hanger with the threaded rod to the ceiling. Together with WD... hanger and PG... rod gives possibility of suspending cable trays, channels and wire mesh cable trays-stiffens sling based on WD... hanger

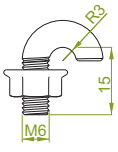
LUWD

CODE	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	qty
LUWD	0.55	0.03	**920100**	50

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E - stainless steel (SS), grade 1.4301 (AISI304)
L - powder coating in a full range of colours (PC) (info p. 4)

Screw Holder

USH



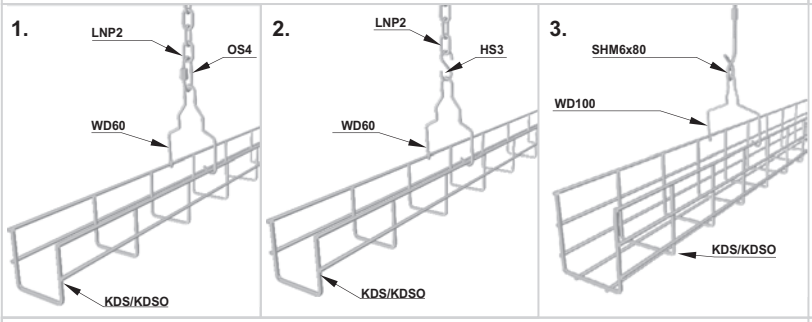
APPLICATION
Suspending wire mesh cable trays on standard brackets, channels. Installation of media to the Wire Mesh Cable Trays

USH

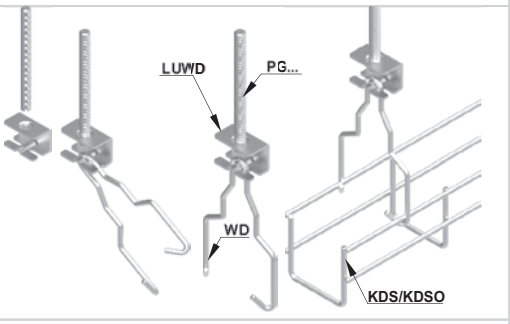
CODE	kg 1 pc	Catalogue No.	qty
USH	0,1	**902000**	50

MATERIAL
Electro-galvanised wire (EG)
Available finishes:
E- stainless steel wire (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

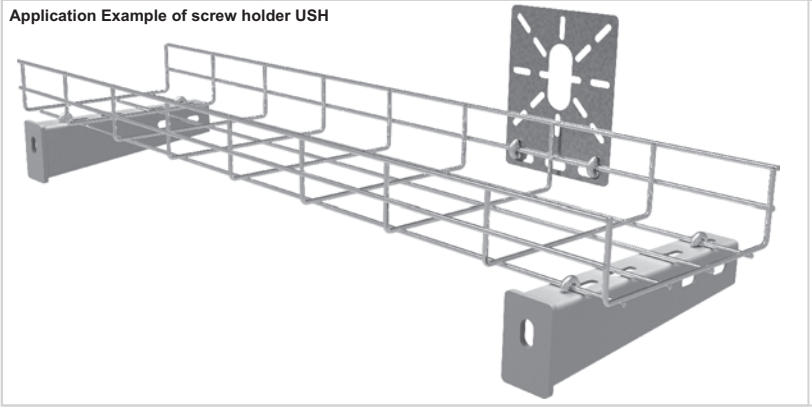
Application Example of hanger WD60 and WD100

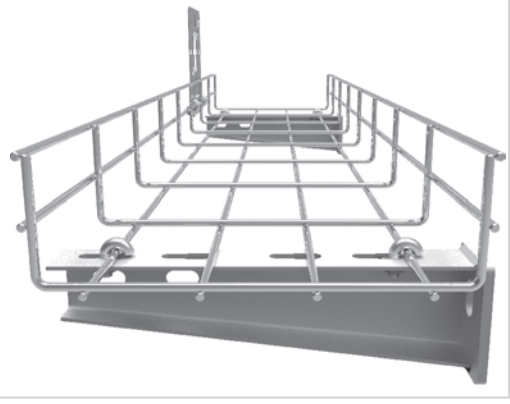


Application Example of Stiffening Connector LUWD



Application Example of screw holder USH

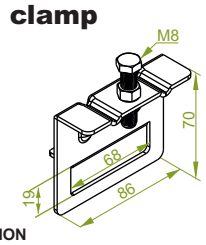




Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Beam clamp

UPM



APPLICATION
Suspending cable routs

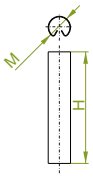
UPM

CODE	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	Qty
UPM	0.30	0.15	**911000**	50

N

Rod Protection Cap

NOP...



NOP8...

CODE	to the threaded rod M mm	Height H mm	kg 1 pc	Catalogue No.	Qty
NOP8H85	8	85	0.01	**164226**	100
NOP8H140	8	140	0.02	**164326**	100
NOP8H180	8	180	0.03	**164426**	100

NOP10...

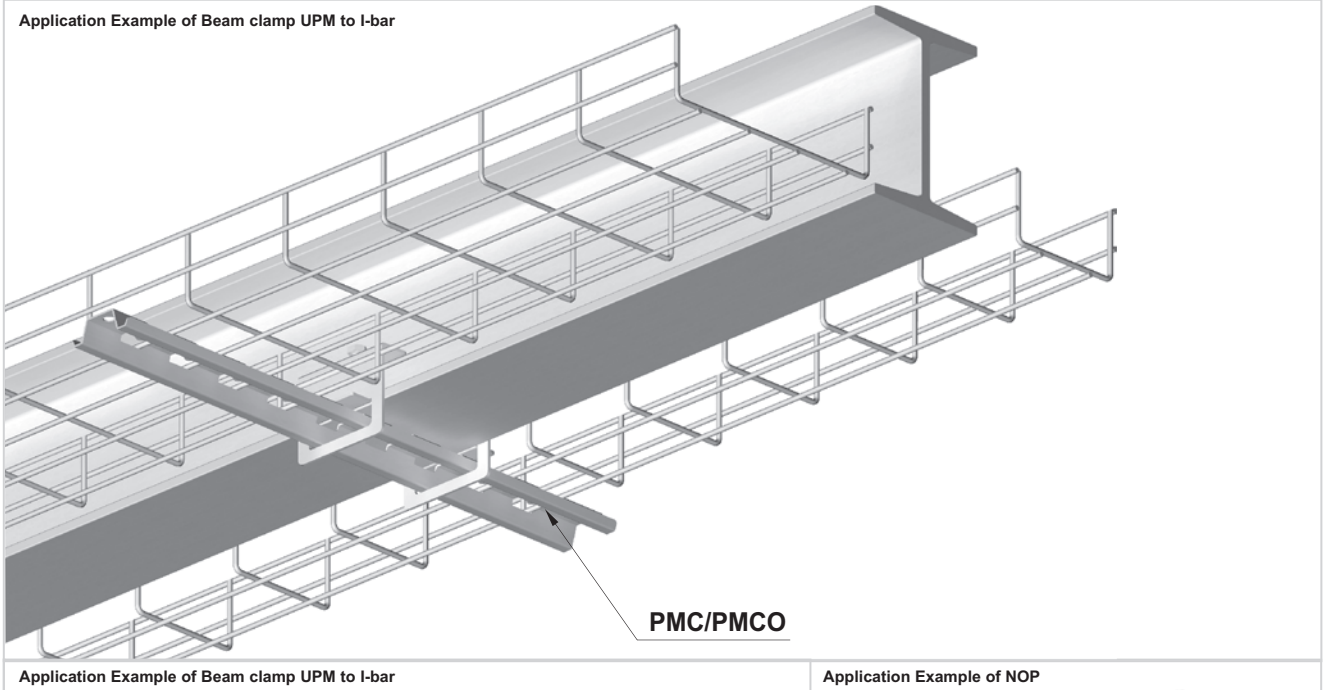
CODE	to the threaded rod M mm	Height H mm	kg 1 pc	Catalogue No.	Qty
NOP10H85	10	85	0.01	**164526**	100
NOP10H140	10	140	0.02	**164626**	100
NOP10H180	10	180	0.03	**164726**	100

Should be used to Cable Trays heights:
NOP...85 – H35, NOP....H140 – H60, NOP...H180 – H110.

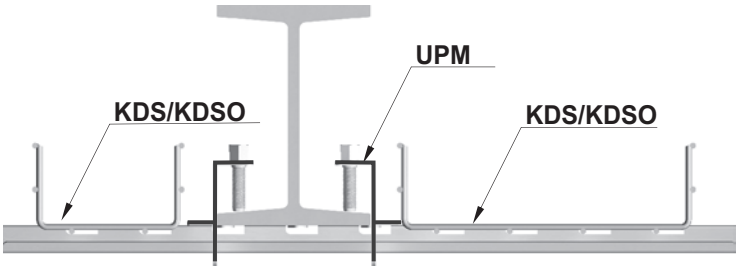
APPLICATION
Cable protection while pulling

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E - stainless steel (SS), grade 1.4301 (AISI304)
L - powder coating in a full range of colours (PC) (info p. 4)

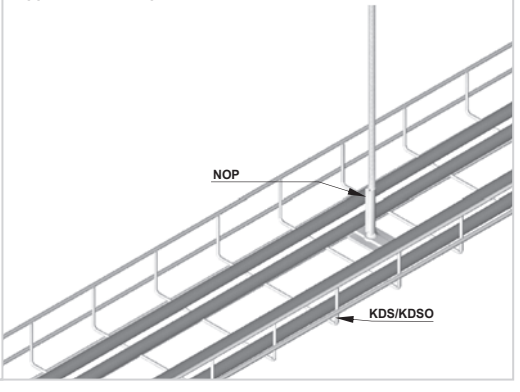
Application Example of Beam clamp UPM to I-bar



Application Example of Beam clamp UPM to I-bar



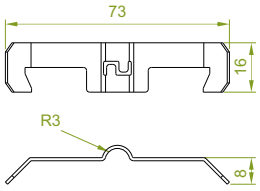
Application Example of NOP



Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Holder

UZZS



APPLICATION
Assembly of wire mesh cable trays to the profiles

UZZS

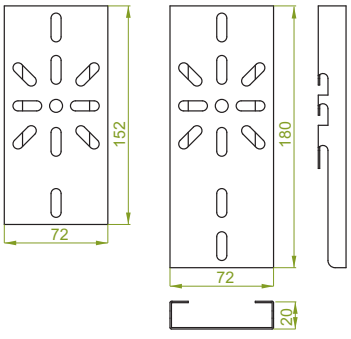
CODE	kg 1 pc	Catalogue No.	Qty
UZZS	0.01	950000	100

Holder fits to all types of support channels CW... and CM...

MATERIAL
Electro-galvanised (electroplated) spring steel

Mounting Plate

UP1 UP2



UP1

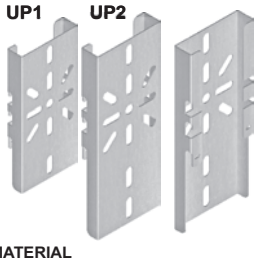
CODE	kg 1 pc	Catalogue No.	Qty
UP1	0.16	951000	20

UP2

CODE	kg 1 pc	Catalogue No.	Qty
UP2	0.20	952000	20

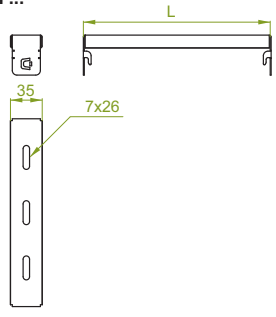
For Junction boxes assembly use SGNM6x12 screw set

UP1 UP2



MATERIAL
Steel, strip-galv. acc. to the Sendzimir method PN-EN 10346:2011 (SG).
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

UPP...



APPLICATION
Assembly of junction boxes to wire mesh cable trays

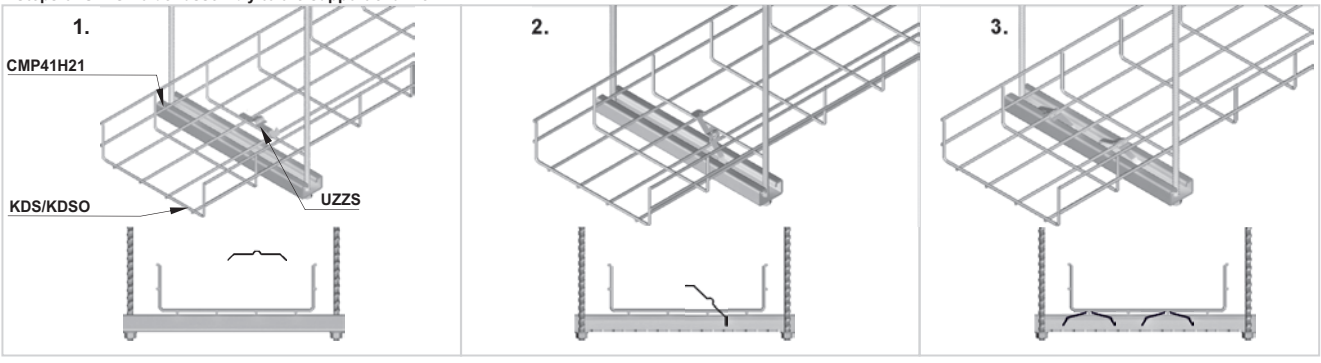
UPP...

CODE	Length L mm	kg 1 pc	Catalogue No.	Qty
UPP100	105	0.13	952100	20
UPP200	205	0.23	952200	20
UPP300	305	0.31	952300	10
UPP400	405	0.39	952400	10
UPP500	505	0.47	952500	10
UPP600	605	0.56	952600	10

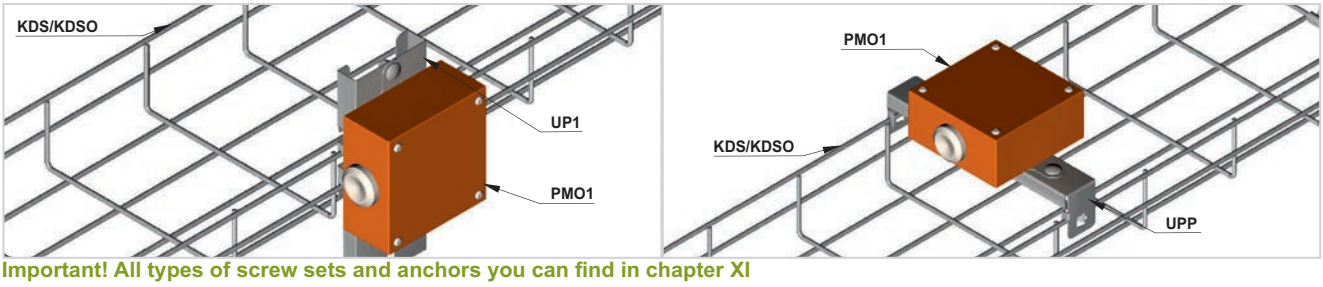
For Junction boxes assembly use SGNM6x12 screw set

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method PN-EN 10346:2011 (SG).
Available finishes:
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Steps of UZZS holder assembly to the support channel



Application example of PMO1 junction boxes together with UP1 and UPP plates



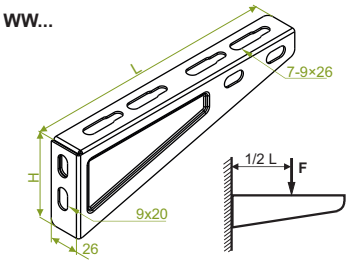
Important! All types of screw sets and anchors you can find in chapter XI

E-90 - Detailed info in section XIX

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

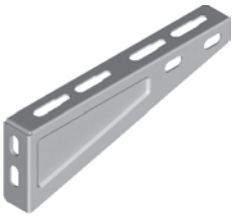
Bracket

WW...



WW...

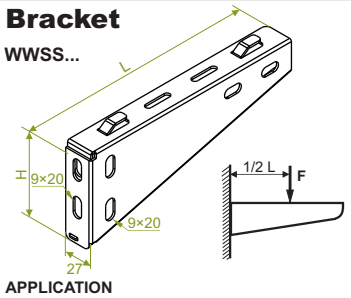
CODE	Length L mm	Height H mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	Qty
WW50	60	48	0.85	0.05	710405	100
WW100	110	70	0.90	0.08	710410	100
WW150	160	70	1.00	0.12	710415	100
WW200	210	75	1.05	0.22	710420	100
WW300	315	95	1.25	0.40	710430	50
WW400	415	95	1.15	0.57	710440	30
WW500	515	95	1.05	0.80	710450	30
WW600	615	95	0.95	0.91	710460	30



APPLICATION
Suspending wire mesh cable trays

Bracket

WWSS...



WWSS...

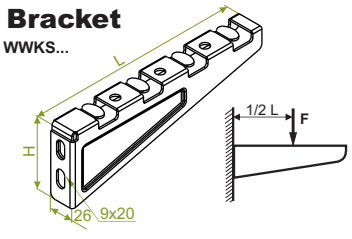
CODE	Length L mm	Height H mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	Qty
WWSS100	115	80	1.20	0.19	900710	30
WWSS200	215	90	1.40	0.38	900720	30
WWSS300	315	115	1.90	0.77	900730	30
WWSS400	415	115	1.80	1.20	900740	20
WWSS500	515	115	1.60	1.22	900750	20
WWSS600	615	115	1.50	1.33	900760	20

Important!
Bracket WWSS may be used in combination with Clamping Piece ZS/ZSO

APPLICATION
Suspending wire mesh cable trays

Bracket

WWKS...



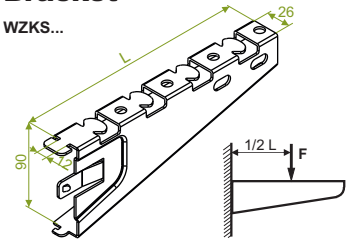
WWKS...

CODE	Length L mm	Height H mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	Qty
WWKS100	110	70	0.90	0.08	902310	100
WWKS150	160	70	1.00	0.12	902315	100
WWKS200	210	75	1.05	0.22	902320	100
WWKS300	315	95	1.25	0.40	902330	50
WWKS400	415	95	1.15	0.57	902340	30
WWKS500	515	95	1.05	0.80	902350	30
WWKS600	615	95	0.95	0.91	902360	30

APPLICATION
Screwless Suspending wire mesh cable trays.

Bracket

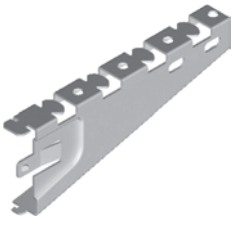
WZKS...



WZKS...

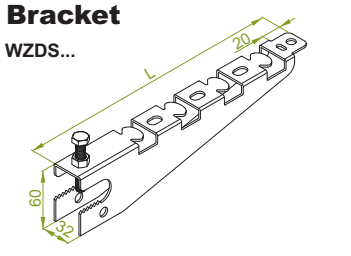
CODE	Length L mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	Qty
WZKS100	115	1.30	0.16	902410	50
WZKS150	165	1.20	0.21	902415	50
WZKS200	215	1.00	0.29	902420	30
WZKS300	315	0.85	0.63	902430	30
WZKS400	415	0.80	0.78	902440	30
WZKS500	515	0.75	0.87	902450	20
WZKS600	615	0.70	1.02	902460	20

IMPORTANT!
Screwless assembly to the :
- construction made on support channels BAKS with 13x30 perforation and max thickness of material 3mm
- ceiling brackets WPCW/WPCO/WPCT… N and WSP
- Brackets WPT and WPL (assembled in vertical position)



Bracket

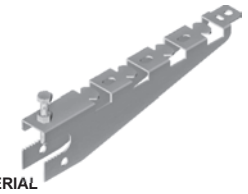
WZDS...



WZDS...

CODE	Length L mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	Qty
WZDS60	130	0.60	0.22	905006	50
WZDS100	170	0.50	0.30	905010	50
WZDS150	220	0.30	0.39	905015	30
WZDS200	270	0.20	0.49	905020	30

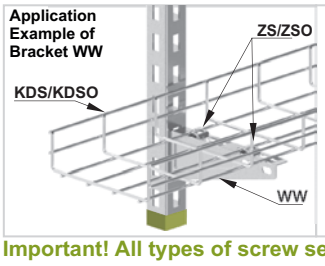
NOTE
Possibility of mounting bracket directly to steel construction.



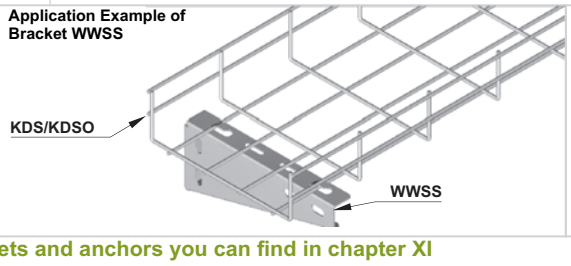
APPLICATION
Screwless Suspending wire mesh cable trays.

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F- steel, hot-dip galv. to PN-EN ISO 1461:2011 (HDG)
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

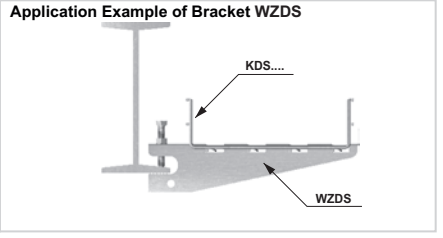
Application Example of Bracket WW



Application Example of Bracket WWSS



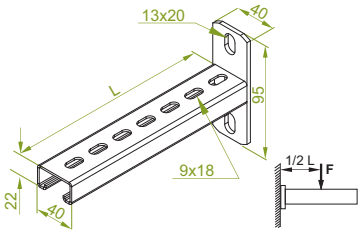
Application Example of Bracket WZDS



Important! All types of screw sets and anchors you can find in chapter XI

Universal Bracket

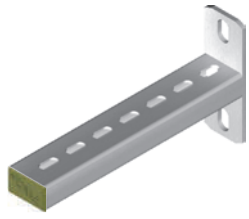
WPLS...



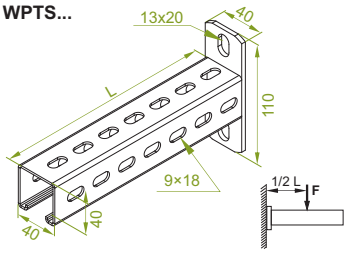
WPLS...

CODE	Length L mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	qty
WPLS100	115	1.90	0.20	900310	50
WPLS150	165	1.80	0.27	900315	50
WPLS200	215	1.70	0.34	900320	50
WPLS300	315	1.30	0.49	900330	30
WPLS400	415	1.00	0.61	900340	30
WPLS500	515	0.80	0.75	900350	30

Each of bracket is supplied with a Protective Cap.
Bracket can be mounted directly to the wall, ceiling bracket WPCW/WPCO or to the channel, for example CWC40H40
Brackets can be used vertically or horizontally..



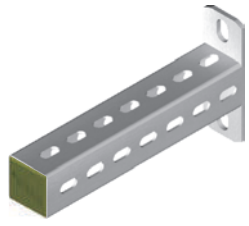
WPTS...



WPTS...

CODE	Length L mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	qty
WPTS100	115	3.00	0.48	902412	30
WPTS150	165	2.50	0.57	902417	30
WPTS200	215	2.00	0.65	902422	30
WPTS300	315	1.70	0.92	902432	30
WPTS400	415	1.60	1.12	902442	20
WPTS500	515	1.40	1.33	902452	20
WPTS600	615	1.30	1.39	902462	20
WPTS700	715	1.20	1.78	902472	8
WPTS800	815	1.10	1.93	902482	8
WPTS900	915	1.00	2.16	902492	8
WPTS1000	1015	0.90	2.38	902414	8

Each of bracket is supplied with a Protective Cap.
Bracket can be mounted directly to the wall, ceiling bracket WPCW/WPCO or to the channel, for example CWC40H40
Brackets can be used vertically or horizontally.



APPLICATION
Suspending wire mesh trays, standard cable trays, cable ladders, pipes, and other components, particularly where installation of cable runs is space-restricted (i.e. above suspended ceilings).

MATERIAL
Steel, hot-dip galv.
to PN-EN ISO 1461:2011 (HDG)
Available finishes:
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Protective Cap

NOW...

NOW...

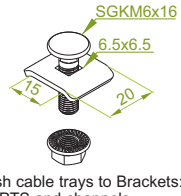
CODE	Width a mm	Height H mm	Catalogue No.	qty
NOW40x22	40	22	760100	100
NOW40x40	40	40	760400	100

APPLICATION
Protecting installers against cut from steel edges improving overall product aesthetic appearance

MATERIAL
Polyethylene. Standard - green to RAL 6029.
Available finishes:
white to RAL 9010. silver to RAL 9006

Clamping Piece (set)

ZS/ZSO



ZS/ZSO

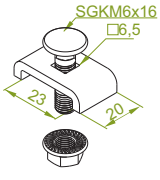
CODE	kg 1 set	Catalogue No.	set
ZS/ZSO	0.07	901600	100

E-90

APPLICATION
Fixing wire mesh cable trays to Brackets: WW, WPLS, WPTS and channels

Hanger

UKWD



UKWD

CODE	kg 1 set	Catalogue No.	set
UKWD	0.02	906900	100

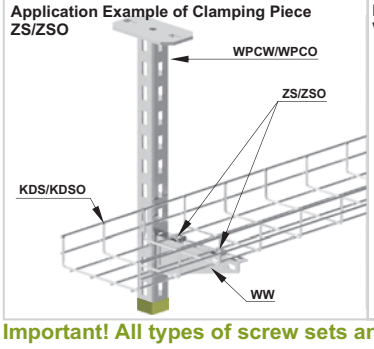
E-90

N

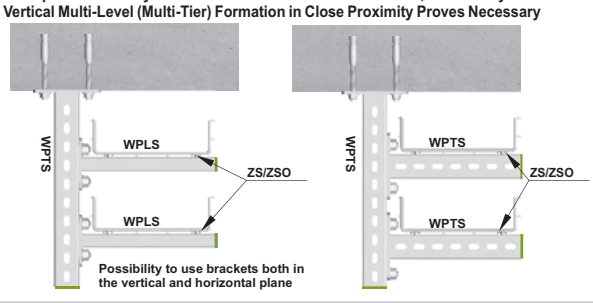
APPLICATION
Fixing wire mesh cable tray KDS50H35, KSG50H35 and KWDS60H60 to Brackets: WW, WPLS, WPTS and channels

MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)

Application Example of Clamping Piece ZS/ZSO



Example of Versatility of Universal Brackets WPTS and WPLS, Particularly Where Vertical Multi-Level (Multi-Tier) Formation in Close Proximity Proves Necessary



Montage example of UKWD

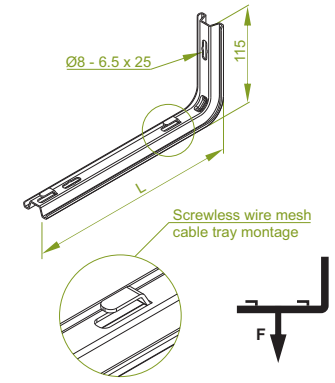
Important! All types of screw sets and anchors you can find in chapter XI

E-90 - Detailed info in section XIX

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Bracket

WFMLS...



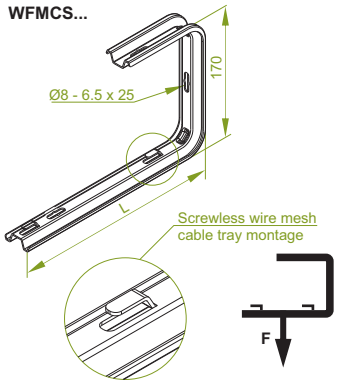
WFMLS...

CODE	Length L mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	Qty
WFMLS100	138	0.40	0.16	901610	30
WFMLS150	183	0.35	0.18	901615	30
WFMLS200	238	0.30	0.23	901620	30
WFMLS300	338	0.25	0.30	901630	30
WFMLS400	438	0.18	0.37	901640	20

Each of bracket is supplied with a Protective Cap
For assembly, use of PD9 spacers is suggested
Important!
Bracket WFMC may be used in combination with Clamping Piece ZS/ZSO to substitute other system components

N

WFMCS...



APPLICATION
Suspending/fastening wire mesh cable trays.

WFMCS...

CODE	Length L mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	Qty
WFMCS100	138	0.35	0.24	901810	20
WFMCS150	163	0.30	0.26	901815	20
WFMCS200	238	0.25	0.33	901820	20
WFMCS300	338	0.20	0.42	901830	20
WFMCS400	438	0.15	0.52	901840	20

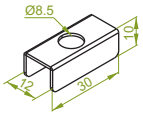
Each bracket is supplied with a Protective Cap.
For assembly, use of PD9 spacers is suggested
Important!
Bracket WFMC may be used in combination with Clamping Piece ZS/ZSO to substitute other system components

N

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F- steel, hot-dip galv. to PN-EN ISO 1461:2011 (HDG)
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Spacer

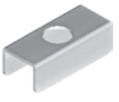
PD9



APPLICATION
For brackets WFMCS, WFMLS
Due to use of specers, firm assembly of bracket is provided

PD9

CODE	Dimension Ø mm	kg 1 pc	Catalogue No.	Qty
PD9	8.5	0.02	803200	100



E-90

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Protective Cap

NOFM

APPLICATION
Protecting installers against cut from steel edges;
Improving overall product appearance

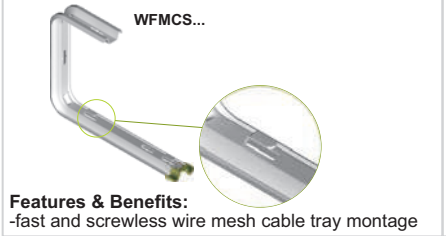
NOFM

CODE	Catalogue No.	Qty
NOFM	900667	100

Important! Only for WFMLS and WFMCS.

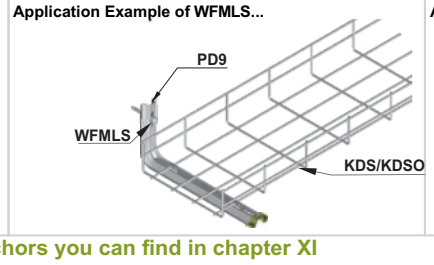
NOFM

MATERIAL
Polyethylene. Standard colour: green to RAL 6029.
Available to order:
white to RAL 9010. silver to RAL 9006.

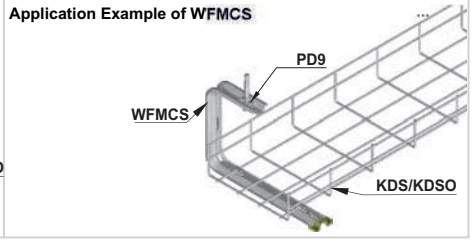


Features & Benefits:
-fast and screwless wire mesh cable tray montage

Application Example of WFMLS...



Application Example of WFMCS



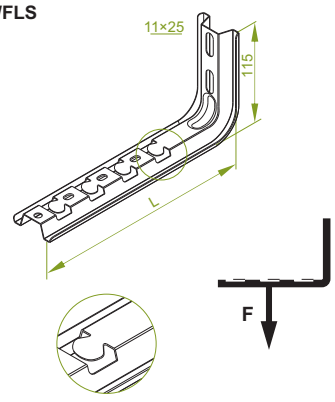
Important! All types of screw sets and anchors you can find in chapter XI

E-90 - Detailed info in section XIX

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Bracket

WFLS

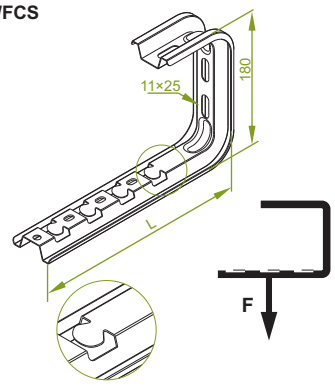


WFLS...

CODE	Length L mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	qty
WFLS100	170	1.40	0.30	900610	30
WFLS150	220	1.10	0.38	900615	30
WFLS200	260	0.90	0.43	900620	30
WFLS300	360	0.50	0.58	900630	30
WFLS400	460	0.37	0.72	900640	20
WFLS500	560	0.27	0.85	900650	20

Each of bracket is supplied with a Protective Cap
For assembly, use of PD11 spacers is suggested
Important!
Bracket WFL/WFLO may be used in combination with Clamping Piece ZS/ZSO to substitute other system components

WFCS



APPLICATION
Suspending/fastening wire mesh cable trays.

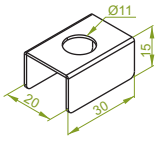
WFCS...

CODE	Length L mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	qty
WFCS100	165	0.85	0.47	900810	20
WFCS200	255	0.50	0.60	900820	20
WFCS300	355	0.30	0.73	900830	20
WFCS400	455	0.23	0.86	900840	20

Each of bracket is supplied with a Protective Cap
For assembly, use of PD11 spacers is suggested
Important!
Bracket WFL/WFLO may be used in combination with Clamping Piece ZS/ZSO to substitute other system components

Spacer

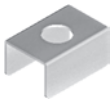
PD11



APPLICATION
For brackets WFC/WFCO, WFL/WFLO, WFCS, WFLS. Due to use of specers, firm assembly of bracket is provided

PD11

CODE	Dimension Ø mm	kg 1 pc	Catalogue No.	qty
PD11	11	0.03	803100	100



MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Protective Cap

NOF

APPLICATION
Protecting installers against cut from steel edges; Improving overall product appearance

NOF

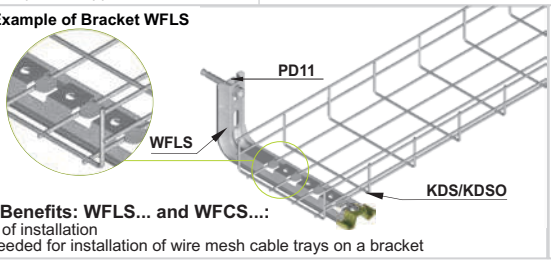
CODE	Catalogue No.	qty
NOF	900666	100

Important! Only for: WFC/WFCO, WFL/WFLO, WFLS and WFCS.

NOF

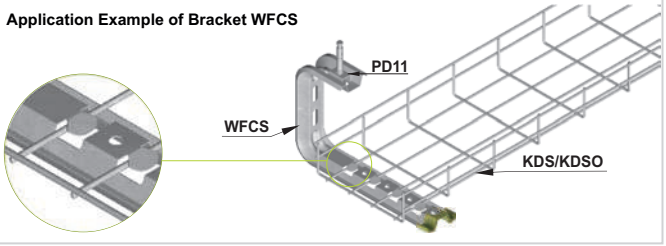
MATERIAL
Polyethylene. Standard colour: green to RAL 6029.
Available to order:
white to RAL 9010. silver to RAL 9006.

Application Example of Bracket WFLS



Features & Benefits: WFLS... and WFCS...:
- fast process of installation
- no screws needed for installation of wire mesh cable trays on a bracket

Application Example of Bracket WFCS



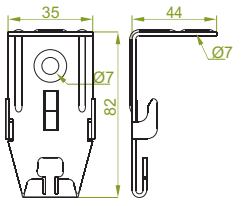
Important! All types of screw sets and anchors you can find in chapter XI

E-90 - Detailed info in section XIX

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Side Holder

WKS/WKSO60



APPLICATION
Suspending/fastening wire mesh cable trays

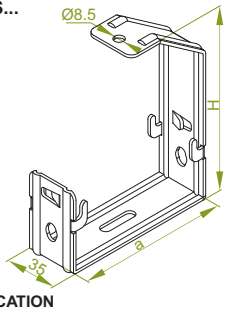
WKS/WKSO60

CODE	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	qty
WKS/WKSO60	0.05	0.04	971100	50

E-90

Hanger

WSKS...



APPLICATION
Suspending wire mesh cable trays from the ceiling installing wire mesh trays 60 mm and 100 mm high.

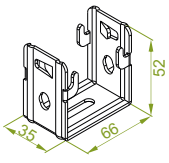
WSKS...

CODE	Width a mm	Height H mm	kg 1 pc	Catalogue No.	qty
WSKS60	66	120	0.13	903500	100
WSKS100	106	135	0.18	903600	50

Features & Benefits:
Fast installation both directly to the ceiling, and with the use of a threaded rod

Support Bracket

USK



APPLICATION
Attaching wire mesh cable trays 60mm wide to standard brackets, as well as directly to the wall.

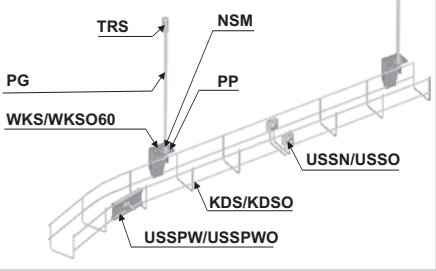
USK

CODE	kg 1 pc	Catalogue No.	qty
USK	0.08	900400	100

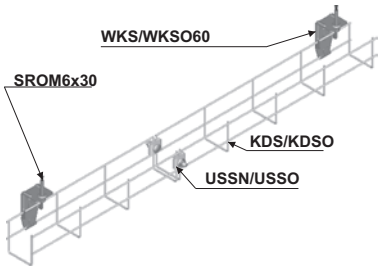
Features & Benefits:
Optional installation of wire mesh trays to the wall both in the vertical and horizontal position. Possibility of fixing wire mesh trays to brackets, and to steel channels

MATERIAL
Electro-galvanised steel (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

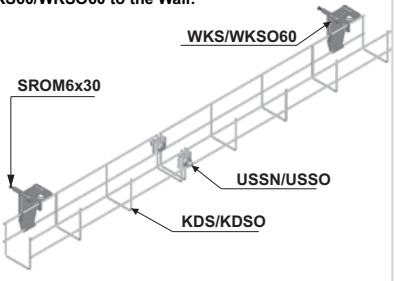
Application Example of Side Holder WKS60/WKSO60 on Threaded Rod PGM6 Suspended from the Ceiling:



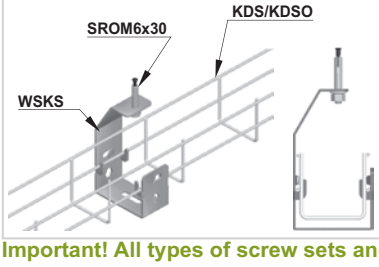
Application Example of Side Holder WKS60/WKSO60 fixed to the Ceiling:



Application Example of Side Holder WKS60/WKSO60 to the Wall:



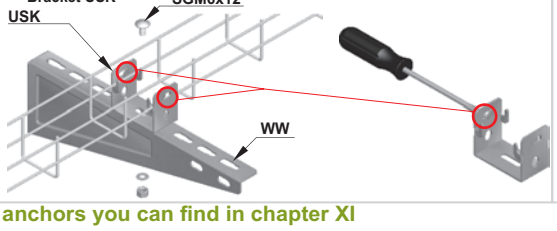
Application Example of Hanger WSKS



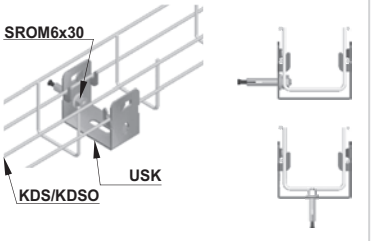
Application Example of Support Bracket USK

1 Attaching a wire mesh cable tray to a standard Wall - Mount Application and floors bracket through Support Bracket USK

2 A tab-lock protecting the mesh tray against slip



Wall -Mount Application and floors



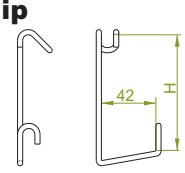
Important! All types of screw sets and anchors you can find in chapter XI

E-90 **- Detailed info in section XIX**

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Wire Clip

CZD...



APPLICATION
Fixing of H60 Wire Mesh Cable Trays to structures and brackets with support channel 40 and 41 mm wide

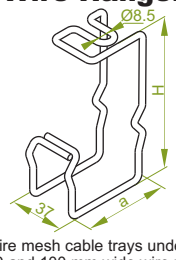
CZD...

CODE	Height of channel mm	Height H mm	kg 1 pc	Catalogue No.	qty
CZD83	21-22	84	0.05	901410	100
CZD103	40-41	103	0.06	901420	100

Benefits of application
Extremely fast and screwless assembly of Cable Trays and Wire Mesh Cable Trays to structures with support channel 40 and 41 mm wide, and to the brackets WPL..., WTL..., WPT/WPTO, WWT.

Ceiling Wire Hanger

WSKD...



APPLICATION
Suspending wire mesh cable trays under ceiling
Assembly of 60 and 100 mm wide wire mesh cable trays

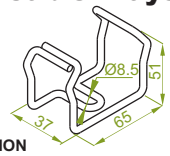
WSKD...

CODE	Width a mm	Height H mm	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	qty
WSKD60	65	108	0.24	0.06	904500	100
WSKD100	105	127	0.21	0.08	904600	50

ADVANTAGES
Very fast assembly, no screws needed.
Fast assembly to ceilings - directly or with a bar.
Hangers are designed for trays with height of 60 mm.

Wire Clamp for Wire Mesh Cable Trays

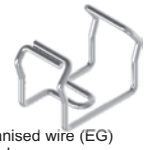
USKD



APPLICATION
Assembly of 60 mm wide wire mesh cable trays to standard brackets, or directly to walls and floors.

USKD

CODE	Safe Working Load F_{max}[kN]	kg 1 pc	Catalogue No.	qty
USKD	0.30	0.04	901400	100



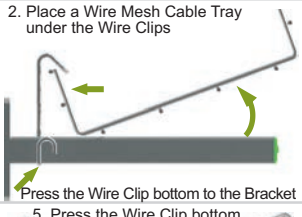
ADVANTAGES
Very fast assembly, no screws needed.
Assembly to walls or ceilings.
Assembly to brackets and U sections.

MATERIAL
Electro-galvanised wire (EG)
Available finishes:
F - steel galvanized using zinc flake coating PN-EN ISO 10683:2014-09
E- stainless steel wire (SS)
L- powder coating in a full range of colours (PC) (info p. 4)

Stages of the Screwless Wire Mesh Cable Tray Assembly KDS/KDSO with the WPL... Bracket using a Wire Clip CZD…

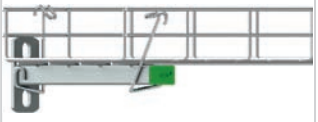
1.Place the Wire Clips onto the Channels

2. Place a Wire Mesh Cable Tray under the Wire Clips

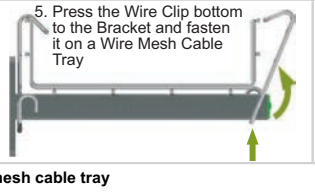


3. Move a Wire Mesh Cable Tray with Wire Clips towards the Bracket base

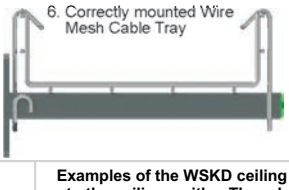
4. Place the External Wire Clips onto the Brackets

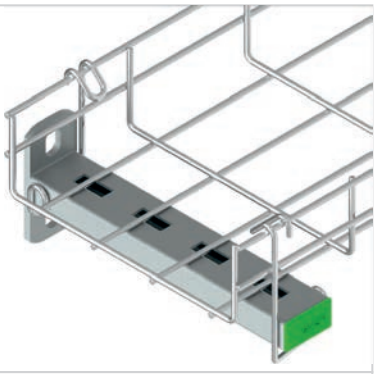


5. Press the Wire Clip bottom to the Bracket and fasten it on a Wire Mesh Cable Tray

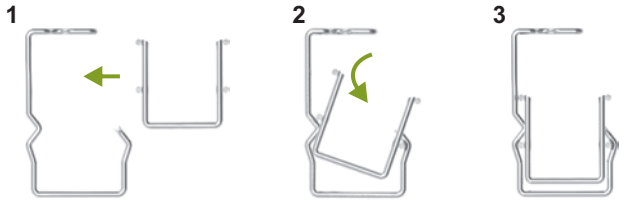


6. Correctly mounted Wire Mesh Cable Tray

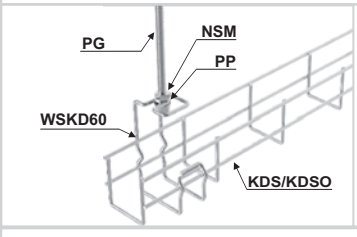




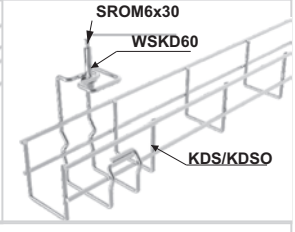
Assembly steps of the KDS/KDSO wire mesh cable tray to the WSKD60 ceiling wire hanger



Examples of the WSKD ceiling wire hanger installations:
- to the ceiling - with a Threaded Rod,

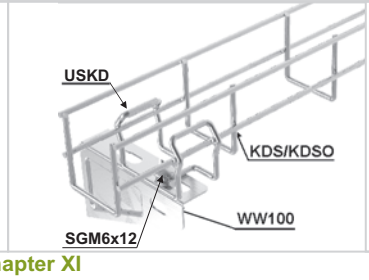


- to the ceiling - with a Anchor Bolt

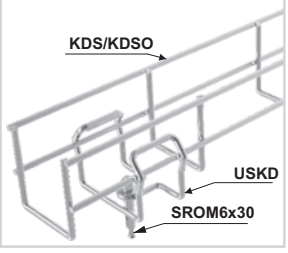


Assembly steps of the KDS/KDSO wire mesh cable tray to the USKD wire clamp

Examples of the USKD wire clamp installations:
- to the bracket,



- to the floor / ceiling,



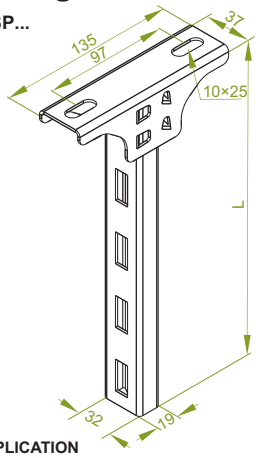
Important! All types of screw sets and anchors you can find in chapter XI

E-90 - Detailed info in section XIX

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Ceiling Bracket

WSP...



APPLICATION
Suspending cable routes.

WSP...

CODE	Length L mm	kg 1 pc	Catalogue No.	Qty
WSP200	200	0.32	720420	20
WSP300	300	0.42	720430	20
WSP400	400	0.49	720440	20
WSP500	500	0.58	720450	20
WSP600	600	0.68	720460	20
WSP700	700	0.77	720470	8
WSP800	800	0.86	720480	8
WSP900	900	0.95	720490	8
WSP1000	1000	1.04	720411	8

Single-Sided Load Distribution on Ceiling Bracket			
Length of Ceiling Bracket in mm	100	200	300
Safe Working Load F_{max} in [kN]	0.40	0.25	0.20

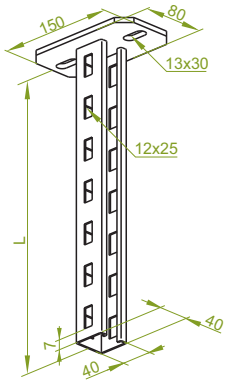
Safe Working Load "F"max. = cable weight + weight of cable tray + weight of ceiling bracket + weight of bracket without an average man's (an installer's) weight.

Each of ceiling bracket is supplied with a Protective Cap

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F- steel, hot-dip galv. to PN-EN ISO 1461:2011 (HDG)
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Ceiling Bracket

WPCW/WPCO...



APPLICATION
Suspending cable routes.

WPCW/WPCO...

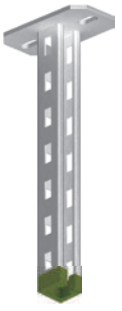
CODE	Length L mm	kg 1 pc	Catalogue No.	Qty
WPCW/WPCO200	200	0.90	750620	20
WPCW/WPCO300	300	1.10	750630	20
WPCW/WPCO400	400	1.30	750640	10
WPCW/WPCO500	500	1.47	750650	10
WPCW/WPCO600	600	1.67	750660	10
WPCW/WPCO700	700	1.86	750670	10
WPCW/WPCO800	800	2.10	750680	10
WPCW/WPCO900	900	2.25	750690	10
WPCW/WPCO1000	1000	2.45	750611	10
WPCW/WPCO1100	1100	2.70	750511	10
WPCW/WPCO1200	1200	2.95	750512	10
WPCW/WPCO1500	1500	3.26	750515	4
WPCW/WPCO2000	2000	4.90	750612	4
WPCW3000	3000	6.35	750613	4
WPCW4000	4000	8.25	750641	4
WPCW5000	5000	10.15	750651	4
WPCW6000	6000	12.10	750661	4

Single-sided load distr. on ceiling bracket						
Length of ceiling bracket in [mm]	100	200	300	400	500	600
Safe Working Load "F_{max} in [kN]	1.80	1.60	1.20	1.00	0.90	0.80
Double-sided load distr. on ceiling bracket						
Length of ceiling bracket in mm	100	200	300	400	500	600
Safe Working Load "F_{max} in [kN]	2.60	2.30	2.00	1.80	1.60	1.40

Safe Working Load "F"max. = cable weight + weight of cable tray + weight of ceiling bracket + weight of bracket without an average man's (an installer's) weight. In case of double-sided weight distribution the difference between the forces on both sides of the ceiling bracket must not exceed 50% value of its safe working load.

Each of ceiling bracket is supplied with a Protective Cap

E-90



MATERIAL
MATERIAL
Steel, hot-dip galv.
to PN-EN ISO 1461:2011 (HDG),
Available finishes:
E- stainless steel (SS), grade 1.4301 (AISI304)
L- powder coating in a full range of colours (PC) (info p. 4)

Protective Cap

NO32x18N

NO40x40N

APPLICATION
Protecting installers against cut from steel edges; improving overall product appearance.

NO32x18N

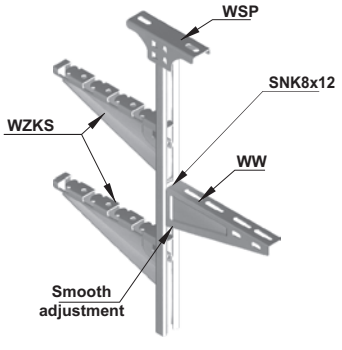
CODE	Width a mm	Height H mm	Catalogue No.	Qty
NO32x18N	32	18	760310	100

NO40x40N

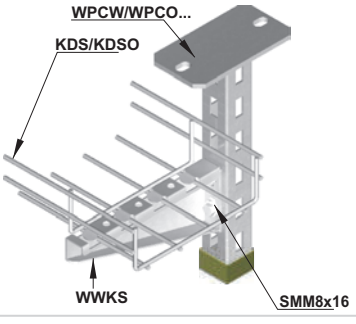
CODE	Width a mm	Height H mm	Catalogue No.	Qty
NO40x40N	40	40	760510	100

MATERIAL
Polyethylene. Standard - green to RAL 6029.
Available finishes:
white to RAL 9010. silver to RAL 9006

Application Example of Ceiling Bracket WSP
When attaching bracket to Ceiling Bracket WSP special attention should be paid to the spacing between the bracket and the base of Ceiling Bracket WSP to make sure that there is enough space left for both wire mesh cable trays



Application Example of Ceiling Bracket WPCW/WPCO...



Important! All types of screw sets and anchors you can find in chapter XI

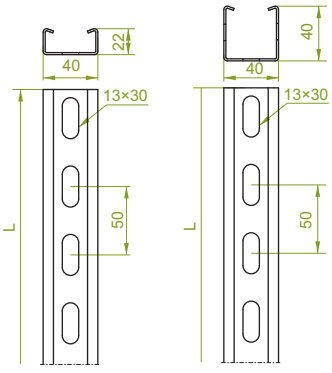
E-90 **- Detailed info in section XIX**

Note. Hot dip galvanizing (PN-EN ISO 1461:2011 (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Support Channel

CWD40H22
CWP40H22
CWC40H22

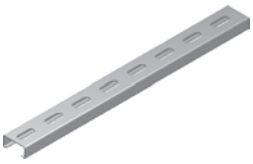
CWD40H40
CWP/CWOP40H40
CWC40H40



CWD40H22...

≠ 1.2 mm

CODE	Length L mm	kg 1 pc	Catalogue No.	qty
CWD40H22/2	2000	1.60	610120	8
CWD40H22/3	3000	2.40	610130	8
CWD40H22/6	6000	4.80	610160	8



CWP40H22...

≠ 1.5 mm

CODE	Length L mm	kg 1 pc	Catalogue No.	qty
CWP40H22/02	200	0.21	610202	50
CWP40H22/03	300	0.31	610203	50
CWP40H22/04	400	0.41	610204	30
CWP40H22/05	500	0.52	610205	30
CWP40H22/1	1000	1.03	610210	8
CWP40H22/2	2000	2.06	610220	8
CWP40H22/3	3000	3.09	610230	8
CWP40H22/6	6000	6.18	610260	8

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CWC40H22...

≠ 2.0 mm

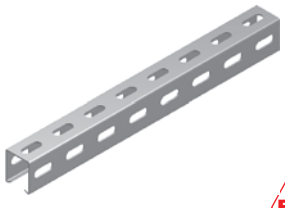
CODE	Length L mm	kg 1 pc	Catalogue No.	qty
CWC40H22/02	200	0.27	610302	50
CWC40H22/03	300	0.40	610303	50
CWC40H22/04	400	0.54	610304	30
CWC40H22/05	500	0.67	610305	30
CWC40H22/1	1000	1.34	610310	8
CWC40H22/2	2000	2.68	610320	8
CWC40H22/3	3000	4.02	610330	8
CWC40H22/6	6000	8.04	610360	8

For the assembly of support channel in combination with channel connector use Screw Sets SGKM10x20 or SGM10x20

CWD40H40...

≠ 1.2 mm

CODE	Length L mm	kg 1 pc	Catalogue No.	qty
CWD40H40/2	2000	2.20	611020	8
CWD40H40/3	3000	3.30	611030	8
CWD40H40/6	6000	6.60	611060	8



E-90

CWP/CWOP40H40...

≠ 1.5 mm

CODE	Length L mm	kg 1 pc	Catalogue No.	qty
CWP/CWOP40H40/02	200	0.26	611102	30
CWP/CWOP40H40/03	300	0.39	611103	30
CWP/CWOP40H40/04	400	0.52	611104	30
CWP/CWOP40H40/05	500	0.65	611105	30
CWP/CWOP40H40/1	1000	1.30	611110	8
CWP/CWOP40H40/2	2000	2.60	611120	8
CWP/CWOP40H40/3	3000	3.90	611130	8
CWP/CWOP40H40/6	6000	7.80	611160	8

CWC40H40...

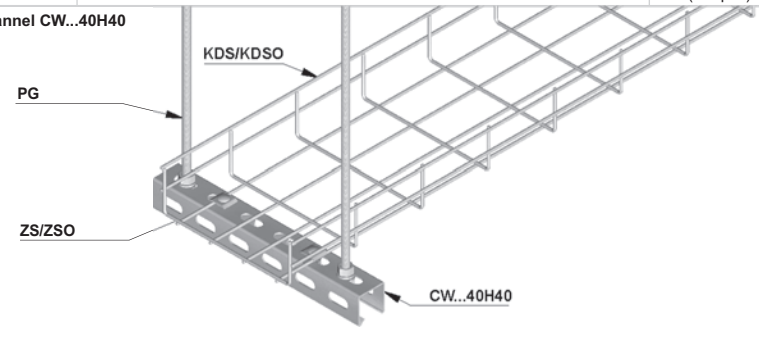
≠ 2.0 mm

CODE	Length L mm	kg 1 pc	Catalogue No.	qty
CWC40H40/2	2000	3.50	611220	8
CWC40H40/3	3000	5.30	611230	8
CWC40H40/6	6000	10.60	611260	8

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F- steel, hot-dip galv. to PN-EN ISO 1461:2011 (HDG), **available on request up to 300 m.**
E- stainless steel (SS), grade 1.4301 (AISI304) for sections to 3m long.
L- powder coating in a full range of colours (PC) (info p. 4)

APPLICATION
Suspending wire mesh cable trays, standard trays, cable ladders, pipes, and other system components

Application Example of Support Channel CW...40H40



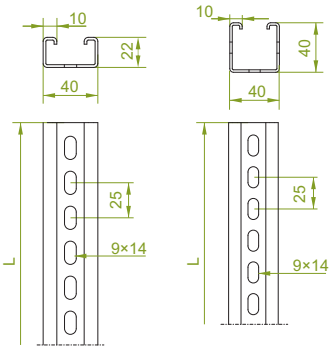
E-90 - Detailed info in section XIX

Sheet thickn. ≠ [mm]: 1.0 1.2 1.5 2.0 3.0

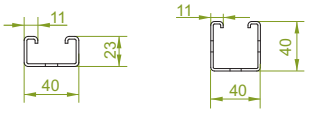
Note. Hot dip galvanizing (to PN-EN ISO 1461:2011 (HDG) (HDG)) and diffusion galvanizing method (PN-EN ISO 17668:2016) for elements up to 200mm will be replaced with zink flake coating method PN-EN ISO 10683:2014-09

Support Channel

CMD40H22 **CMMD40H40**
CMP40H22 **CMMP40H40**
CMC40H22 **CMMC40H40**



Dimensions of channel sections made of stainless steel



CMD40H22...

≠ 1.2 mm

CODE	Length L mm	kg 1 pc	Catalogue No.	Qty	
CMD40H22/2	2000	1.94	612420	8	
CMD40H22/3	3000	2.92	612430	8	
CMD40H22/6	6000	5.82	612460	8	*

* - Versions over 100 pcs available on request.

CMP40H22...

≠ 1.5 mm

CODE	Length L mm	kg 1 pc	Catalogue No.	Qty
CMP40H22/02	200	0.23	612502	50
CMP40H22/03	300	0.35	612503	50
CMP40H22/04	400	0.47	612504	30
CMP40H22/05	500	0.59	612505	30
CMP40H22/1	1000	1.17	612510	8
CMP40H22/2	2000	2.34	612520	8
CMP40H22/3	3000	3.51	612530	8
CMP40H22/6	6000	7.02	612560	8

CMC40H22...

≠ 2.0 mm

CODE	Length L mm	kg 1 pc	Catalogue No.	Qty	
CMC40H22/2	2000	3.12	612620	8	
CMC40H22/3	3000	4.68	612630	8	
CMC40H22/6	6000	9.36	612660	8	*

* - Versions over 100 pcs available on request.

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F- steel, hot-dip galv. to PN-EN ISO 1461:2011 (HDG)
E- stainless steel (SS), grade 1.4301 (AISI304) only for sections to 3m long, and thickness to 1.5 mm
L- powder coating in a full range of colours (PC) (info p. 4)

CMMD40H40...

≠ 1.2 mm

CODE	Length L mm	kg 1 pc	Catalogue No.	Qty	
CMMD40H40/2	2000	2.24	614320	8	
CMMD40H40/3	3000	3.36	614330	8	
CMMD40H40/6	6000	6.72	614360	8	*

* - Versions over 100 pcs available on request.

CMMP40H40...

≠ 1.5 mm

CODE	Length L mm	kg 1 pc	Catalogue No.	Qty	
CMMP40H40/02	200	0.26	614402	30	
CMMP40H40/03	300	0.40	614403	30	
CMMP40H40/04	400	0.53	614404	30	
CMMP40H40/05	500	0.66	614405	30	
CMMP40H40/1	1000	1.32	614410	8	
CMMP40H40/2	2000	2.64	614420	8	
CMMP40H40/3	3000	3.96	614430	8	
CMMP40H40/6	6000	7.92	614460	8	*

CMMC40H40...

≠ 2.0 mm

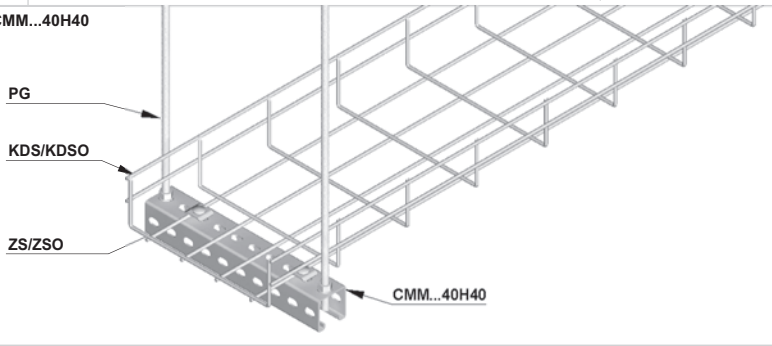
CODE	Length L mm	kg 1 pc	Catalogue No.	Qty	
CMMC40H40/2	2000	3.56	614520	8	
CMMC40H40/3	3000	5.34	614530	8	
CMMC40H40/6	6000	10.68	614560	8	*

* - Versions over 100 pcs available on request.

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2015-09 (SG)
Available finishes:
F- steel, hot-dip galv. to PN-EN ISO 1461:2011 (HDG), **available on request up to 600 m.**
E- stainless steel (SS), grade 1.4301 (AISI304) only for sections to 3m long.
L- powder coating in a full range of colours (PC) (info p. 4)

APPLICATION
Suspending wire mesh cable trays, standard trays, cable ladders, pipes, and other system components

Application Example of Support Channel CMM...40H40



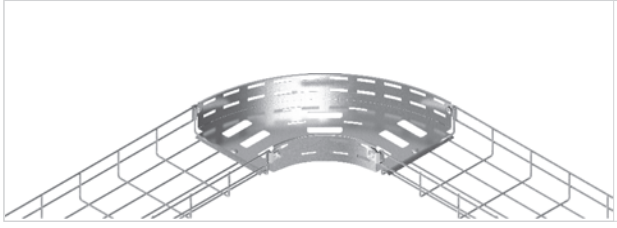
Sheet thickn. ≠ [mm]: 1.0 1.2 1.5 2.0 3.0

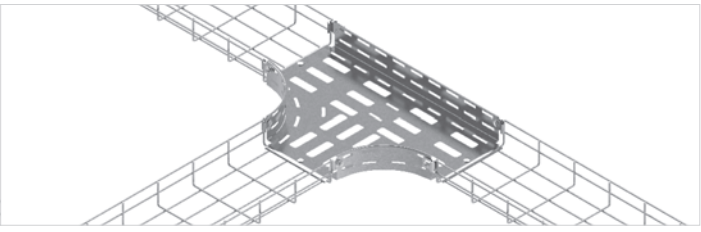
KKS

Width 60÷600

TKS

Width 60÷600

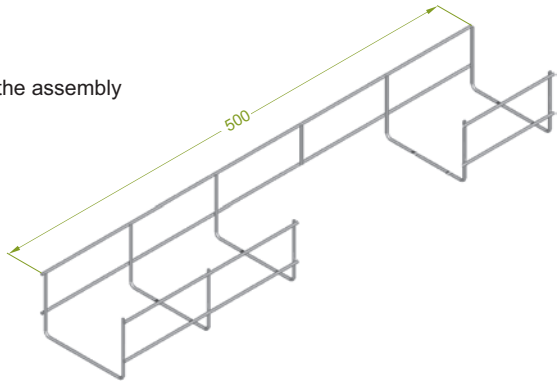


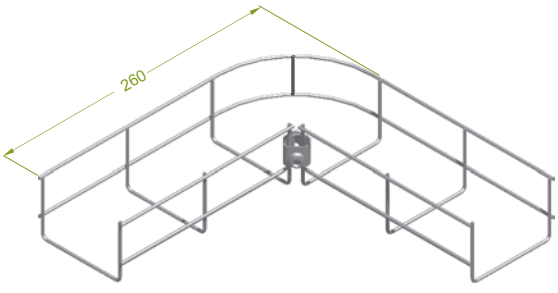


USSN/USSO

1 pcs. needed for the assembly

Width 35-60

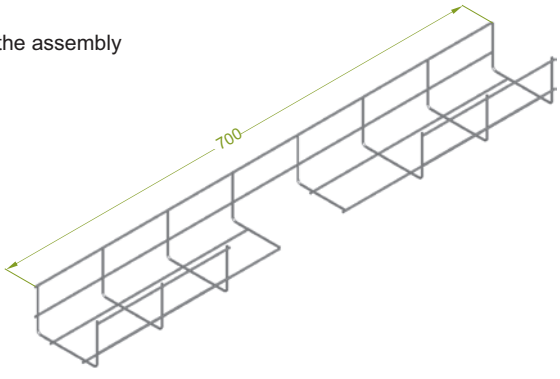


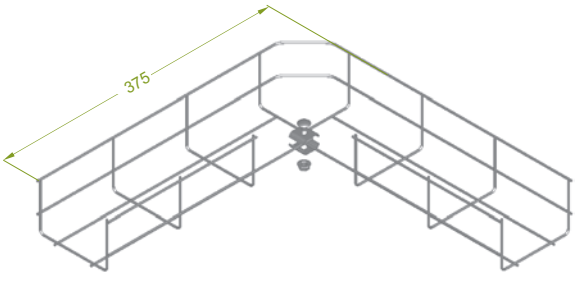


USSN/USSO

1 pcs. needed for the assembly

Width 100÷150



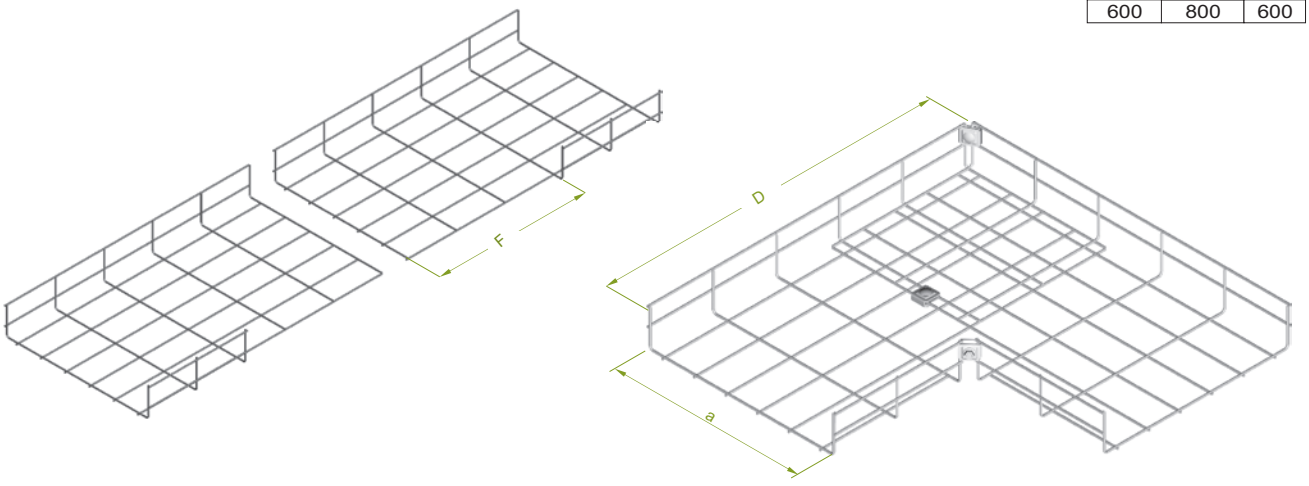


USSN/USSO

3 pcs. needed for the assembly

Width 200÷600

Width a mm	D mm	F mm
100	300	100
150	400	200
200	400	200
300	500	300
400	600	400
500	700	500
600	800	600

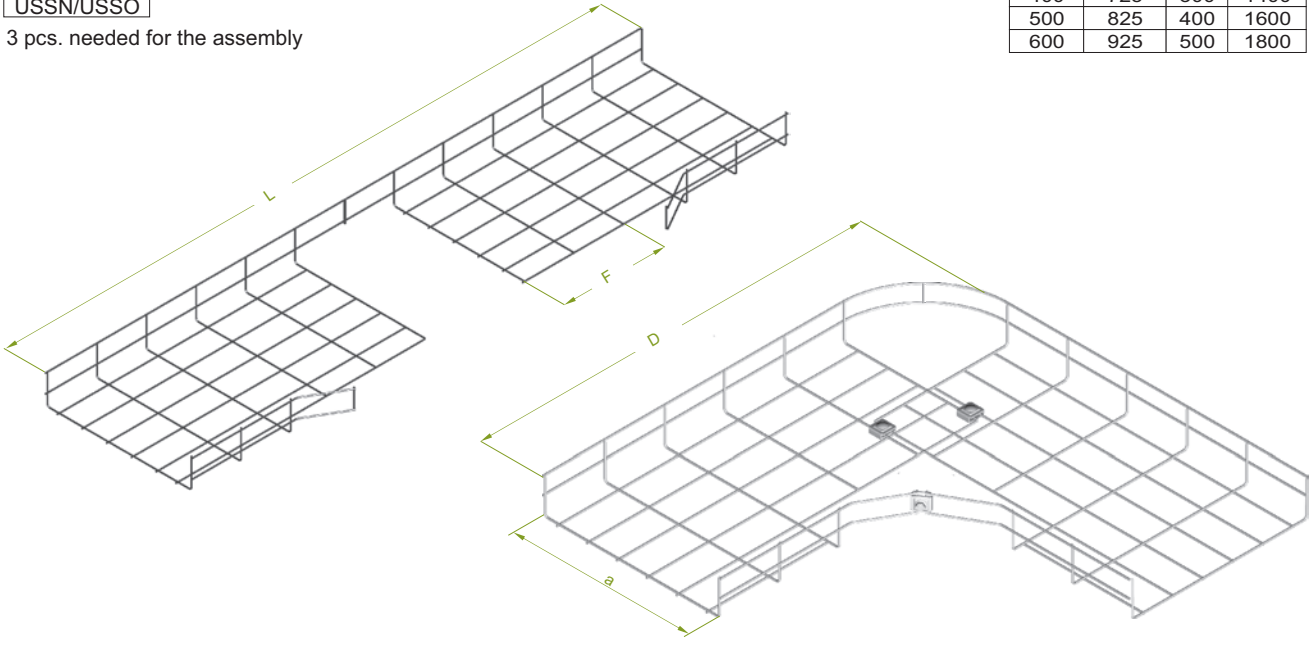


USSN/USSO

3 pcs. needed for the assembly

Width 200÷600

Width a mm	Length D mm	F mm	Length L mm
200	525	100	1000
300	625	200	1200
400	725	300	1400
500	825	400	1600
600	925	500	1800



For the assembly needed

USSN/USSO

1 pc

USSPW/USSPWO

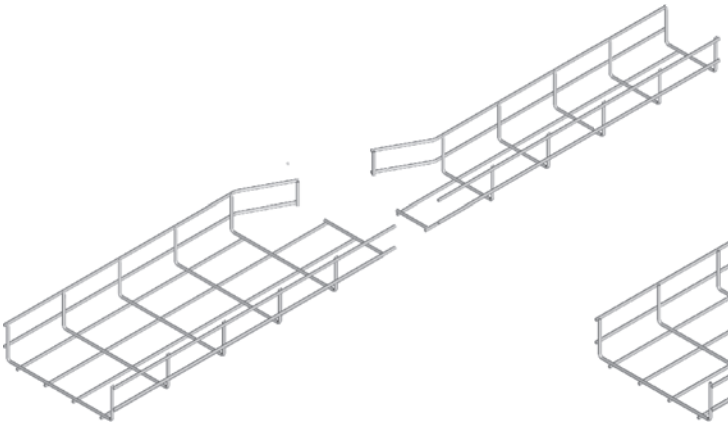
1 pc

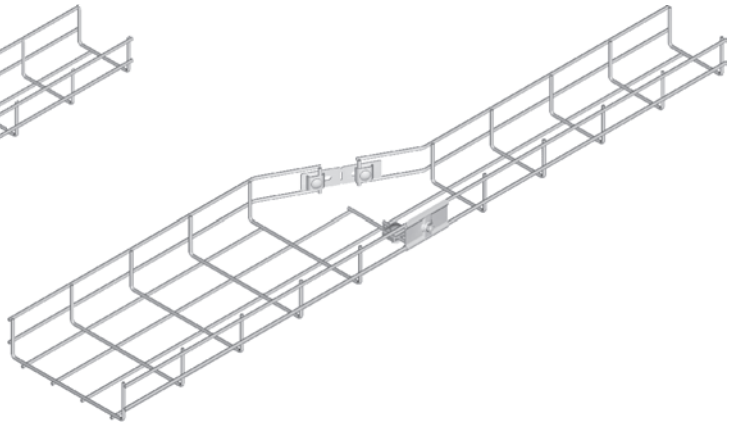
ZS/ZSO

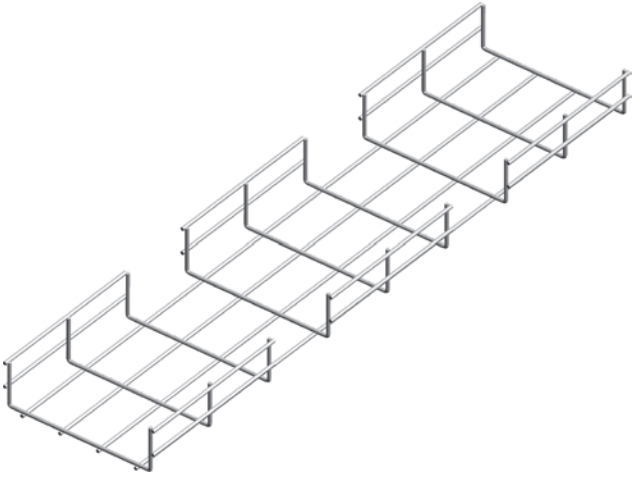
2 pcs

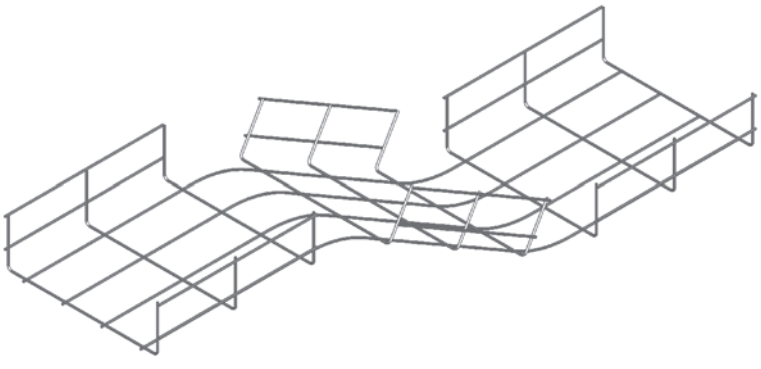
PLC23/01

1 pc









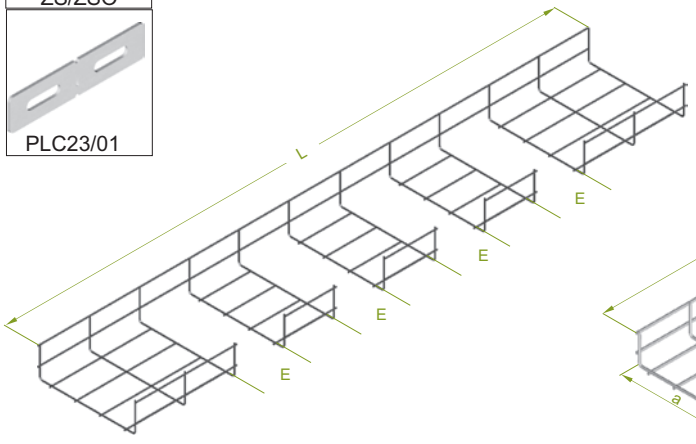
USSN/USSO

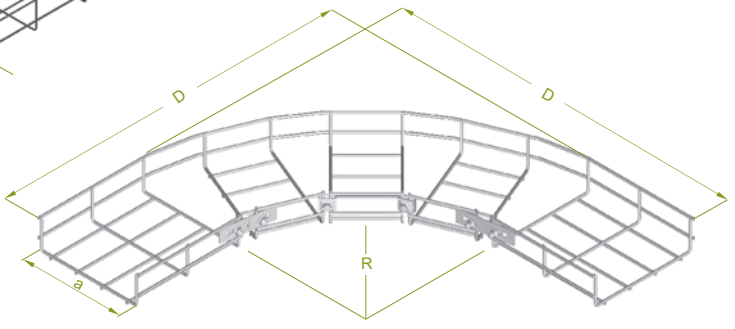
ZS/ZSO

PLC23/01

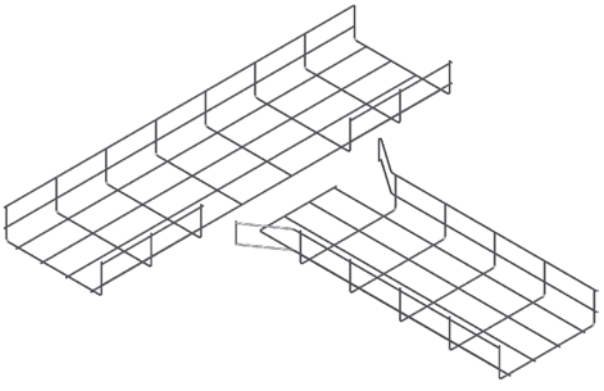
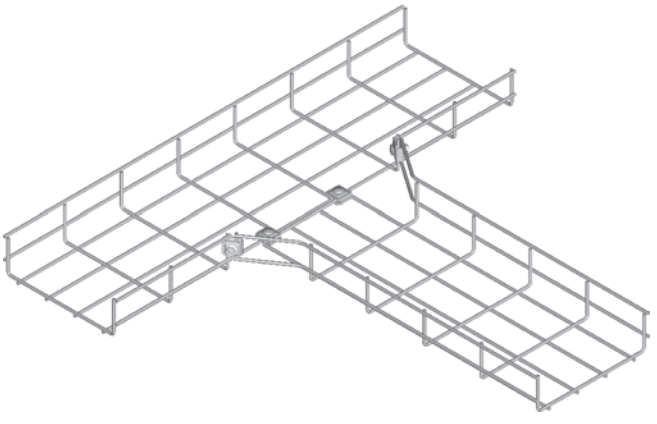
Width 60÷600

Width a mm	Length L mm	No. of Slots E Qty	Length D mm	Int. Radius. R mm	PLC23/01 Qty	USSN/USSO Qty	ZS/ZSO Qty
60	700	2	400	140	2		4
100	900	3	520	230	3		6
150	1100	4	620	270	4		8
200	1100	4	660	290	2	2	4
300	1520	6	910	390	2	4	4
400	1900	8	1140	550	2	6	4
500	2100	9	1400	600	2	7	4
600	2500	11	1520	700	2	9	4





Width 100÷600

USSN/USSO

4 pcs. needed for the assembly