

Atkore Vergokan Catalogue

Edition #21



Atkore[™]
Vergokan

Metal Framing System

The original

Since 1924, Atkore Unistrut leads the industry with the most comprehensive line of channels and fittings, along with a complete line of hangers, pipe clamps, concrete inserts and accessories, in a variety of finishes and materials.

The Metal Framing System requires no welding and no drilling, a wrench is the only tool you'll need! The Unistrut system is 100% reusable due to its flexibility, adaptability and versatility.

More than 100 years after its invention, industries across the world still use Unistrut's original Metal Framing System for their applications.

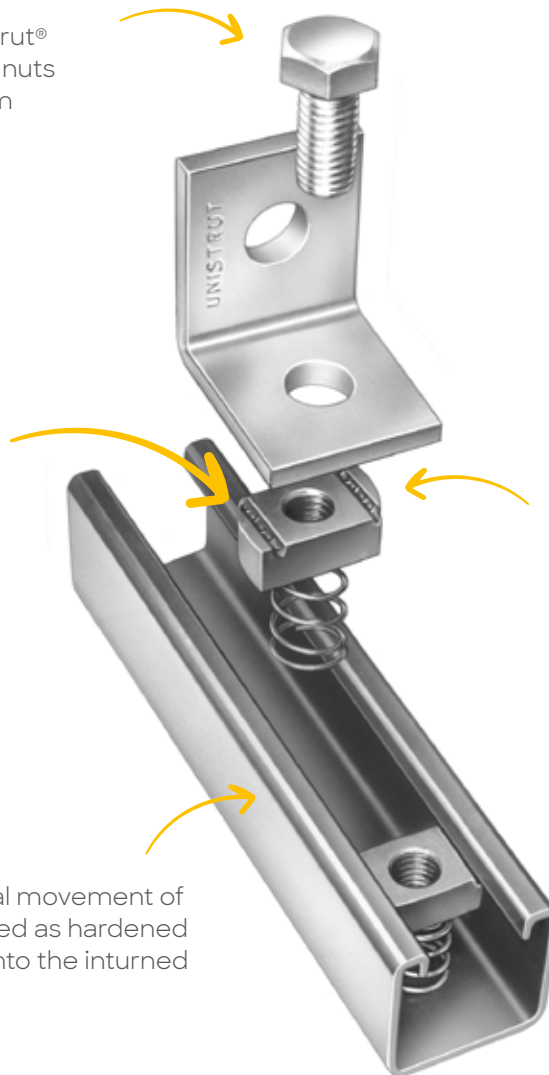


Using official Unistrut® stamped channel nuts ensures full system integrity.

Nut teeth grip the Strut's inturned edges, tying the channel sides together in a "box" configuration for added strength

Large chamfer in the nut eases starting of bolt. Special shaped inturned edges and tapered, serrated grooves produce strong vice-like grip between channel and nut. Strut edges and nut's tapered grooves act as guides to provide positive alignment of connection.

Longitudinal movement of nut is resisted as hardened teeth bite into the inturned edges



Prefabrication & Modular

2D & 3D modules



2D Modules

- ▲ Designed to house a large number of containment and infrastructure, including ventilation and air conditioning units.
- ▲ Delivered complete, ready to install and ready to house a wide variety of services.
- ▲ Fully tested to hold capable loads depending on the specification given by the client.
- ▲ Can be installed vertically and horizontally.
- ▲ Available as bolted or welded units.

3D Modules

- ▲ Designed to house a complex series of electrical and mechanical infrastructure.
- ▲ Bolted for flexibility or welded for strength.
- ▲ One-off design solution, or hundreds of modules.
- ▲ Delivered to site, complete and ready to install.
- ▲ Complete design assistance service, ensuring each module is drawn and signed off before manufacture.

Industries

Building Better Together

Whether you are building a Solar Park, a Battery Plant or a Data Centre, we have a vast inventory of products that will meet all your construction project needs.



Solar Park



Battery Plant



Data Centre

We are committed to manufacturing high-quality products without harming the people who create, use and deliver our products, and to protecting the environment in which we work. We are determined to make the environment, health and safety an indispensable part of our company's commitment to excellence.



Content

About this catalogue

Essential metal cable support systems

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Fire-resistant cable support systems

retain their support function in the event of fire, and thus contribute to the continued operation of a plant. Atkore Vergokan offers you systems proven by the most demanding tests in this specialized field.



Stainless steel

is used in locations where high resistance to corrosion is a primary requisite (e.g. marine applications) as well as on occasion in extreme circumstances (such as high temperature and/or pressure). Products available in stainless steel are indicated with this symbol.

Different use means a different surface treatment. Above the reference number you can find the related finish. A more in depth explanation on our different surface treatments, coatings and corrosivity categories can be found on pages 8 and 9.



For each product, you can find a **QR code that will take you to the product's web page**, with all technical data, assembly instructions, load diagrams, etc.



Defender is our new premium finish – a superior alternative to Hot-Dip galvanized and an economical alternative to stainless steel. The shield logo indicates the availability of Defender finish for a specific product.

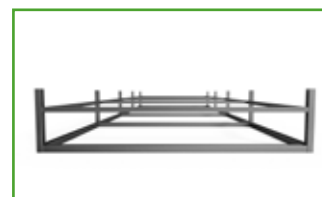


Discover our 24/ 7 customer portal now:
check stock updates, track your orders or request quotations!

Available Atkore brands

All you need is Atkore

Atkore Unistrut is renowned for metal framing and cable management solutions worldwide. With an extensive array of products we can help to deliver systems and solutions to manage and route your cables safely and securely.



Atkore Marco offers a wide range of cable management products to safely and efficiently route cables. As leading UK manufacturer of uPVC cable management systems and Steel Wire Cable Tray we have many innovative solutions to save you time and money on your next project.



Atkore Flexicon are a market leading UK manufacturer of Cable Protection Solutions, offering over 62 different metallic & non-metallic flexible conduit systems for technically demanding applications.

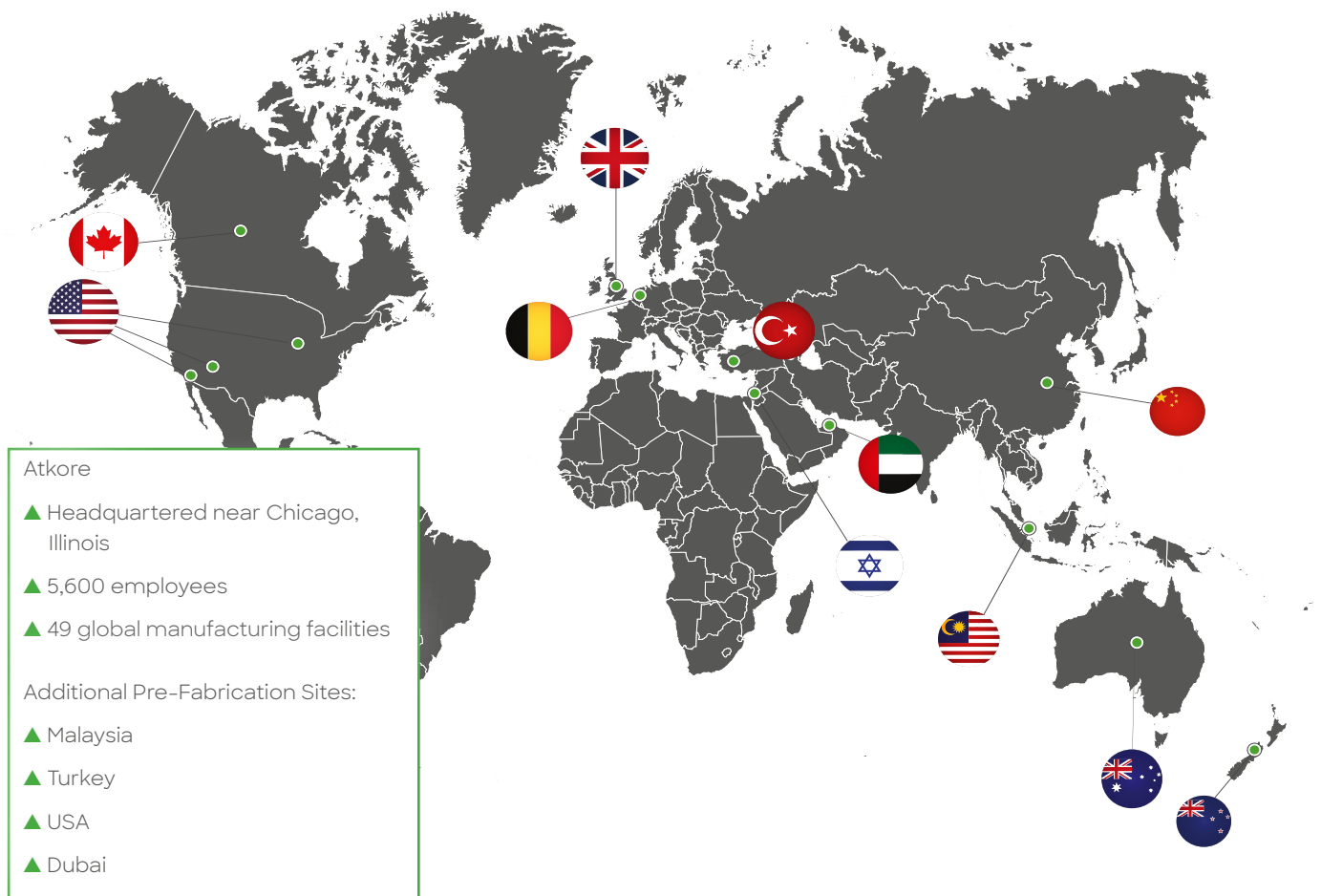


Our Global Presence

Building Better Together

A leading manufacturer of electrical, infrastructure, cable management support, and design installation

We are a leading manufacturer of electrical solutions that power and protect the world around us. For a century, we have grown through a deep understanding of the high demands of the construction industry. Our portfolio of industry-leading brands, coupled with our breadth of products and solutions, brings exceptional value to our customers.



Our Mission

Atkore's mission is to be our customers' first choice by providing unmatched quality, delivery, and value based on sustainable excellence in strategy, people, and process.

Global manufacturing serving global markets

Our 5,600 employees and 49 manufacturing facilities worldwide are contributing to a future where engineers, contractors and our distributor partners can research, select, specify, procure and install the right solutions on time and under budget.

Environmental, Social, and Governance

Our commitment to producing high quality products while ensuring that all materials used in the manufacturing of our products are free of conflict minerals, lessens the negative impact to the people that create, use and deliver our products, while protecting the environment in which we work. We are invested in making environment, health, and safety an indispensable part of our company's commitment to sustainability.

For more information please visit Atkore.com

Surface treatments

SZ - Sendzimir galvanised - EN 10346

Our basic finish. The Sendzimir process is used to galvanize a steel strip by using a small amount of aluminum in the zinc bath through which the steel sheet passes. The process guarantees high resistance and durability characteristics.

DF - Defender

Our superior finish. This finish is an improved version of the existing corrosivity resistance of our Zinc Magnesium and Zinc Aluminium range of products. It consists of a superior alternative to Hot-Dip galvanised and an economical alternative to stainless steel.

EZ - Electro zinc plated - EN ISO 2081

Various mounting systems are electro zinc plated. During this procedure a thin zinc-layer is precipitated by means of an electrolytic process. After this the items are passivated and in this way protected against corrosion under normal indoor conditions.

HD - Hot-dip galvanised - EN ISO 1461

The finished pieces are immersed in a bath with liquid zinc, after pre-treatment, at a temperature +/- 450°C. An alloy of zinc and iron is formed on the steel, which is covered with a pure zinc layer after removal from the zinc bath. The thickness of the zinc layer depends on the thickness of the steel.

Coated finishes

Our fully automated coating process applies a satin finish as standard. We can apply a high gloss, matt or textured coating on request.

PE - Polyester powder coating (standard)

The products we supply with a polyester powder coating finish easily meet the required standards. Polyester powder coating is suited for indoor and outdoor (when applied on galvanized steel) applications and offers a very high degree of resistance to all weather conditions.

EP - Epoxy powder coating

Epoxy coatings are characterised by their great resistance to both corrosion and chemicals. On the other hand epoxy powder coatings are not suitable for outside uses due to their poor resistance to UV light which results in degradation of the coating. This coating is only available in grey.

EPPE - Epoxy powder coating + Polyester powder coating

An epoxy-polyester coating is often used as a primer which will then have a polyester topcoat applied. This double layer coating results in a product that is both chemically and UV resistant.

DU - Duplex System

The combination of a zinc magnesium galvanizing and powder coating creates an extremely powerful protection against corrosion. Atkore Vergo Coating is the proud owner of the European Qualisteelcoat label for the coating of galvanized steel.

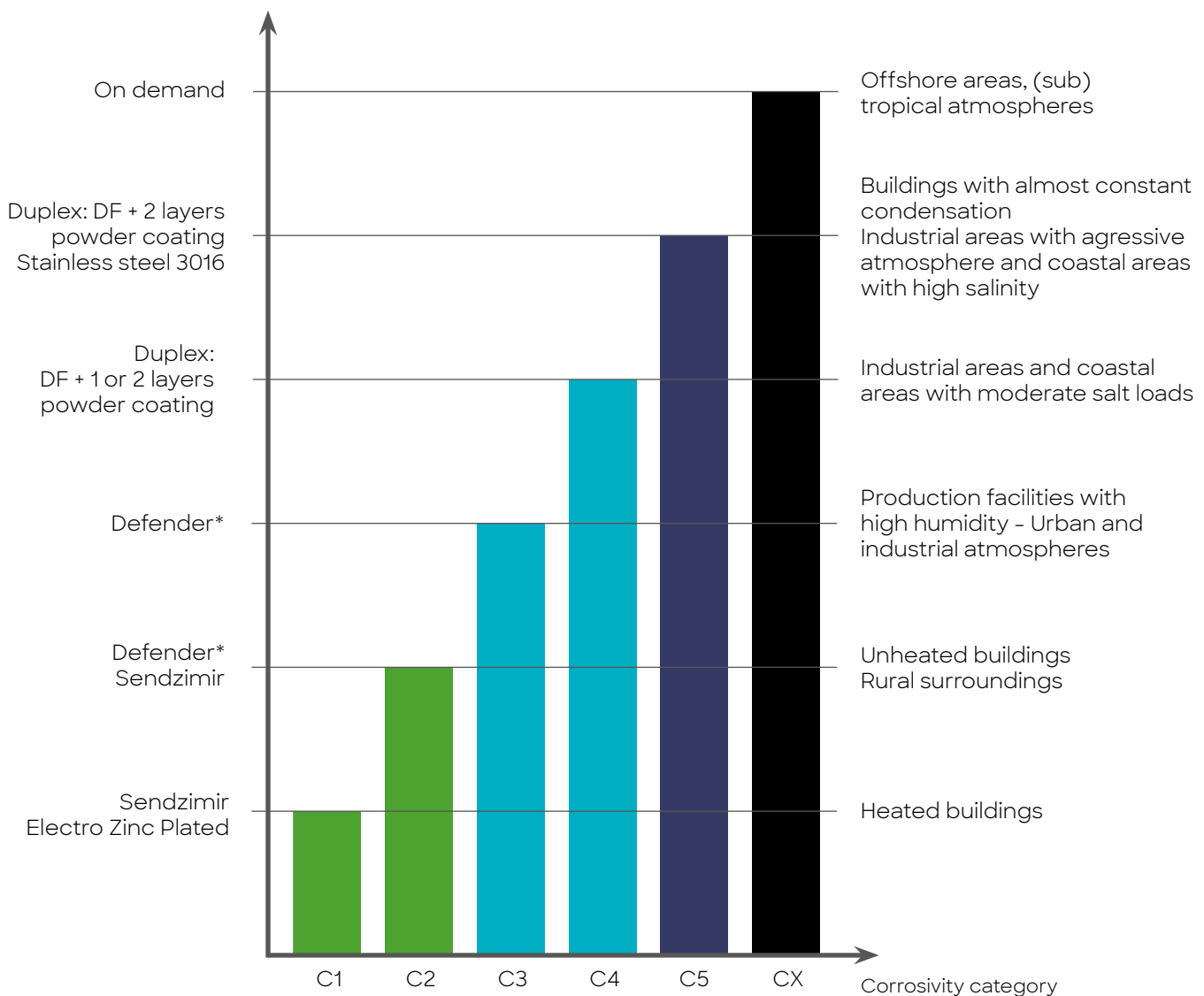


Stainless steel

Stainless steel is used in locations where high resistance to corrosion is a primary requisite (e.g. marine applications) as well as on occasion in extreme circumstances (such as high temperature and/or pressure). The high corrosion resistance is the result of the formation of a thin oxide film on the surface, which prevents the steel beneath from being damaged. If this oxide film is damaged as a result of mechanical or chemical treatment and the circumstances are such that it is not repaired, then local corrosion may occur, while the remainder of the surface remains unaffected.

Corrosivity categories ⁽¹⁾

Corrosion is the gradual deterioration of materials by chemical or electrochemical reaction with their environment. The classification of the principal environments to which steel structures are exposed, and the corrosivity of these environments have been described in ISO 12944-2:2017.



*Our Atkore Defender finish is a superior alternative to Hot-Dip galvanized steel and an economical alternative to stainless steel. In general it is more cost effective and more sustainable than hot-dip, and is therefor considered as our superior solution. Hot-dip is used for welded and prescribed solutions.

⁽¹⁾ ISO 12944-2:2017, *Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 2: Classification of environments.*

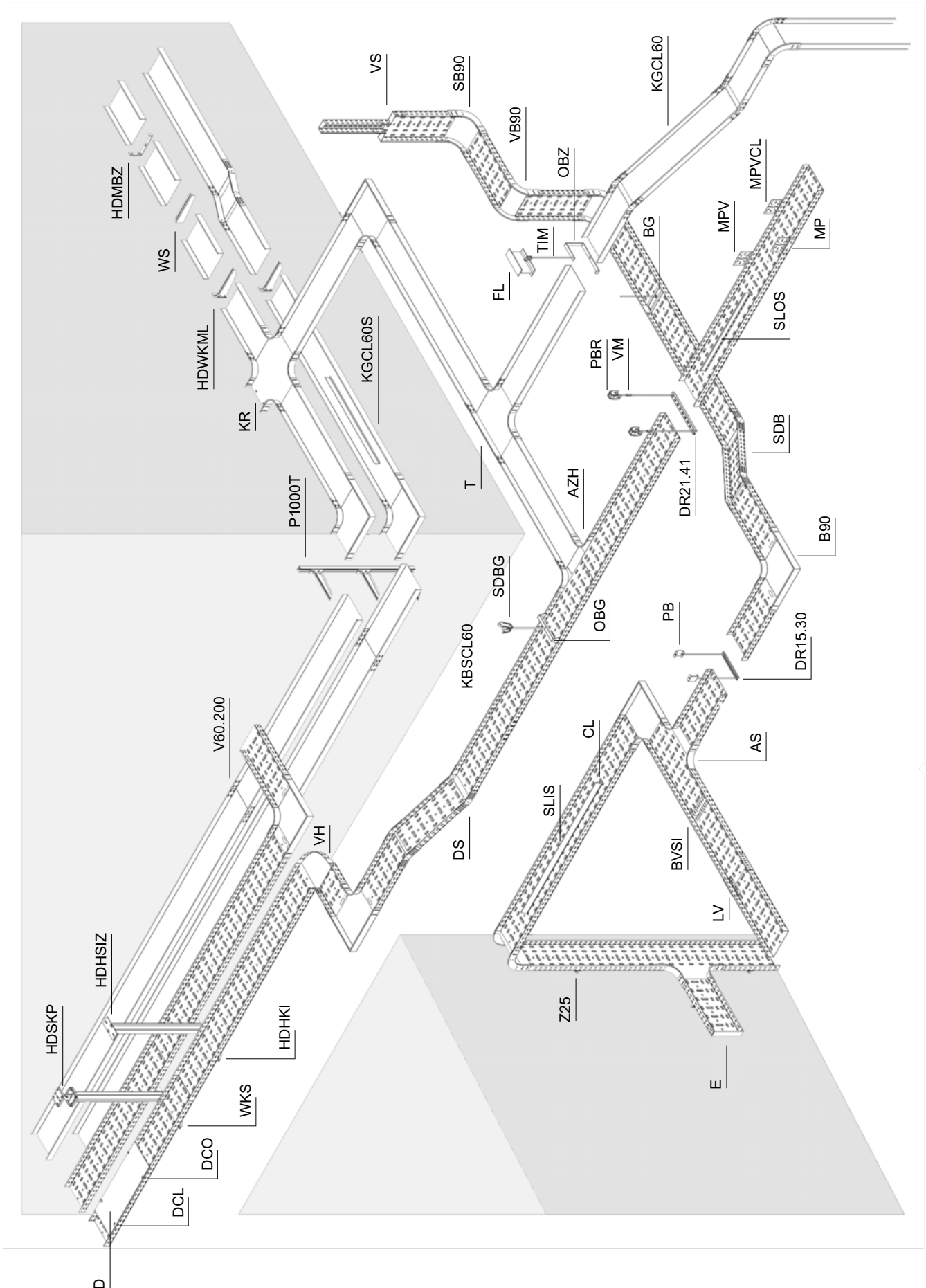


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TIM

KBSCCL60

P1000T

KBSCCL60

Cable Tray, clickable



SS



Sendzimir	Defender		↑ mm	↔ mm	→ ← mm	↔ mm		Unit
KBSCCL60.075.075	ZMKBSCL60.075.075	✓	60	75	0,75	3000	60	m
KBSCCL60.075.100	ZMKBSCL60.075.100	-	60	75	1	3000	60	m
KBSCCL60.100.060	-	-	60	100	0,60	3000	60	m
KBSCCL60.100.075	ZMKBSCL60.100.075	✓	60	100	0,75	3000	60	m
KBSCCL60.100.100	ZMKBSCL60.100.100	-	60	100	1	3000	60	m
KBSCCL60.150.075	ZMKBSCL60.150.075	✓	60	150	0,75	3000	30	m
KBSCCL60.150.100	ZMKBSCL60.150.100	-	60	150	1	3000	30	m
KBSCCL60.200.060	-	-	60	200	0,60	3000	30	m
KBSCCL60.200.075	ZMKBSCL60.200.075	✓	60	200	0,75	3000	30	m
KBSCCL60.200.100	ZMKBSCL60.200.100	-	60	200	1	3000	30	m
KBSCCL60.300.060	-	-	60	300	0,60	3000	30	m
KBSCCL60.300.075	ZMKBSCL60.300.075	✓	60	300	0,75	3000	30	m
KBSCCL60.300.100	ZMKBSCL60.300.100	-	60	300	1	3000	30	m
KBSCCL60.400.075	ZMKBSCL60.400.075	-	60	400	0,75	3000	30	m
KBSCCL60.400.100	ZMKBSCL60.400.100	-	60	400	1	3000	30	m
KBSCCL60.500.100	ZMKBSCL60.500.100	-	60	500	1	3000	30	m
KBSCCL60.600.100	ZMKBSCL60.600.100	-	60	600	1	3000	30	m

The speed of KBSCCL



We can tell you what we want about KBSCCL installation speed, or we can just show you.

Scan this code for a demonstration!



KBSI

Cable tray with interlocking ends



Sendzimir	↓ mm	↔ mm	→ ← mm	↵ mm	📦	Unit
KBSI35.075.075	35	75	0,75	3000	60	m
KBSI35.100.075	35	100	0,75	3000	60	m
KBSI35.150.075	35	150	0,75	3000	60	m
KBSI35.200.075	35	200	0,75	3000	60	m
KBSI35.300.075	35	300	0,75	3000	60	m



Sendzimir	🔥	↓ mm	↔ mm	→ ← mm	↵ mm	📦	Unit
KBSI60.075.125	✓	60	75	1,25	3000	60	m
KBSI60.100.125	✓	60	100	1,25	3000	60	m
KBSI60.150.125	✓	60	150	1,25	3000	30	m
KBSI60.200.125	✓	60	200	1,25	3000	30	m
KBSI60.300.125	✓	60	300	1,25	3000	30	m
KBSI60.400.125	✓	60	400	1,25	3000	30	m
KBSI60.500.125	-	60	500	1,25	3000	30	m
KBSI60.600.125	-	60	600	1,25	3000	30	m



KBV

Fast locking for KBSI

SS



Stainless Steel	📦	Unit
KBV	100	pc



KBS

Perforated cable tray



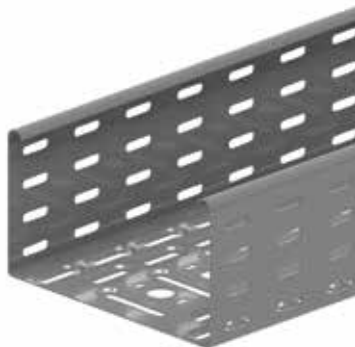
Sendizmir	↓ mm	↔ mm	→ ← mm	↵ mm	📦	Unit
KBS35.050.075	35	50	0,75	3000	150	m



Sendizmir	🔥	↓ mm	↔ mm	→ ← mm	↵ mm	📦	Unit
KBS60.100.150	✓	60	100	1.5	3000	60	m
KBS60.150.150	✓	60	150	1.5	3000	30	m
KBS60.200.150	✓	60	200	1.5	3000	30	m
KBS60.300.150	✓	60	300	1.5	3000	30	m
KBS60.400.150	-	60	400	1.5	3000	30	m
KBS60.500.150	-	60	500	1.5	3000	30	m
KBS60.600.150	-	60	600	1.5	3000	30	m



Sendizmir	Defender	↓ mm	↔ mm	→ ← mm	↵ mm	📦	Unit
KBS85.100.100	ZMKBS85.100.100	85	100	1	3000	24	m
KBS85.150.100	ZMKBS85.150.100	85	150	1	3000	24	m
KBS85.200.100	ZMKBS85.200.100	85	200	1	3000	24	m
KBS85.300.100	ZMKBS85.300.100	85	300	1	3000	24	m
KBS85.400.100	ZMKBS85.400.100	85	400	1	3000	24	m
KBS85.500.125	ZMKBS85.500.125	85	500	1.25	3000	24	m
KBS85.600.125	ZMKBS85.600.125	85	600	1.25	3000	24	m



Sendizmir	Defender	↓ mm	↔ mm	→ ← mm	↵ mm	📦	Unit
KBS110.100.100	ZMKBS110.100.100	110	100	1.00	3000	24	m
KBS110.150.100	ZMKBS110.150.100	110	150	1.00	3000	24	m
KBS110.200.100	ZMKBS110.200.100	110	200	1.00	3000	24	m
KBS110.300.100	ZMKBS110.300.100	110	300	1.00	3000	24	m
KBS110.400.100	ZMKBS110.400.100	110	400	1.00	3000	24	m
KBS110.500.125	ZMKBS110.500.125	110	500	1.25	3000	24	m
KBS110.600.125	ZMKBS110.600.125	110	600	1.25	3000	24	m
KBS110.200.150.6	-	110	200	1.5	6000	24	m
KBS110.300.150.6	-	110	300	1.5	6000	24	m
KBS110.400.150.6	-	110	400	1.5	6000	24	m
KBS110.500.150.6	-	110	500	1.5	6000	24	m
KBS110.600.150.6	-	110	600	1.5	6000	24	m



KBSMCL

Cable tray machine construction interlocking ends, clickable



Sendzimir	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
KBSMCL60.100.100	60	100	1	3000	3	m
KBSMCL60.150.100	60	150	1	3000	3	m
KBSMCL60.200.100	60	200	1	3000	3	m
KBSMCL60.300.100	60	300	1	3000	3	m



KBSM(I)

Cable tray machine construction interlocking ends



Sendzimir	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
KBSM60.050.100	60	50	1	3000	3	m
KBSMI60.075.100	60	75	1	3000	3	m



Use in combination with

RBKBSM

Edge protection for KBSM(I)

Reference	↓ mm	↔ mm	📦	Unit
RBKBSM	37	57	25	pc



KG60

Cable tray not perforated



Stainless Steel 304	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
I4KG60.100.080	60	100	0.8	3000	30	m
I4KG60.200.080	60	200	0.8	3000	30	m
I4KG60.300.080	60	300	0.8	3000	30	m
I4KG60.400.080	60	400	0.8	3000	30	m
Stainless Steel 316	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
I6KG60.100.080	60	100	0.8	3000	30	m
I6KG60.200.080	60	200	0.8	3000	30	m
I6KG60.300.080	60	300	0.8	3000	30	m
I6KG60.400.080	60	400	0.8	3000	30	m



KGCL

Cable tray not perforated, clickable



Sendzimir	Defender	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
KGCL60.075.100	ZMKGCL60.075.100	60	75	1	3000	60	m
KGCL60.100.100	ZMKGCL60.100.100	60	100	1	3000	60	m
KGCL60.150.100	ZMKGCL60.150.100	60	150	1	3000	30	m
KGCL60.200.100	ZMKGCL60.200.100	60	200	1	3000	30	m
KGCL60.300.100	ZMKGCL60.300.100	60	300	1	3000	30	m
KGCL60.400.100	ZMKGCL60.400.100	60	400	1	3000	30	m



KG110

Cable tray not perforated



Sendzimir	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
KG110.100.150	110	100	1,5	3000	18	m
KG110.150.150	110	150	1,5	3000	18	m
KG110.200.150	110	200	1,5	3000	18	m
KG110.300.150	110	300	1,5	3000	18	m
KG110.400.150	110	400	1,5	3000	18	m
KG110.500.150	110	500	1,5	3000	18	m
KG110.600.150	110	600	1,5	3000	18	m

To order: height 85 mm



KG160

Cable tray not perforated, interlocking



Sendzimir	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
KG160.300.125	60	300	1,25	3000	3	m
KG160.400.125	60	400	1,25	3000	3	m
KG160.500.125	60	500	1,25	3000	3	m
KG160.600.125	60	600	1,25	3000	3	m

To order: height 35 mm



RBS

Edge protection

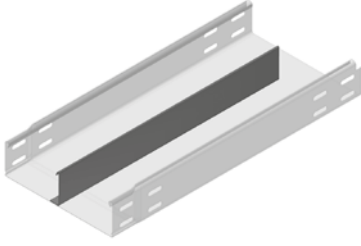


Reference	📦	Unit
RBS075.250	100	pc



KGI60S

KGI with SIN



Sendizmir	↓ mm	↔ mm	→ ← mm	↵ mm	📦	Unit
KGI60.300.125S12	60	300	1.25	3000	30	m
KGI60.300.125S13	60	300	1.25	3000	30	m
KGI60.300.125S23	60	300	1.25	3000	30	m
KGI60.400.125S12	60	400	1.25	3000	30	m
KGI60.400.125S13	60	400	1.25	3000	30	m
KGI60.400.125S23	60	400	1.25	3000	30	m
KGI60.500.125S12	60	500	1.25	3000	30	m
KGI60.500.125S13	60	500	1.25	3000	30	m
KGI60.500.125S23	60	500	1.25	3000	30	m
KGI60.600.125S12	60	600	1.25	3000	30	m
KGI60.600.125S13	60	600	1.25	3000	30	m
KGI60.600.125S23	60	600	1.25	3000	30	m
To order	35					



NATO15

Perforated cable tray - upright flanges



Sendizmir	↓ mm	↔ mm	→ ← mm	↵ mm	📦	Unit
NATO15.050.125	15	50	1,25	2000	40	m
NATO15.100.125	15	100	1,25	2000	20	m
NATO15.150.125	15	150	1,25	2000	20	m
NATO15.200.125	15	200	1,25	2000	20	m
NATO15.300.125	15	300	1,25	2000	20	m



V15.200

Joiner for NATO15



Sendizmir	↓ mm	↔ mm	📦	Unit
V15.200	20	150	10	pc

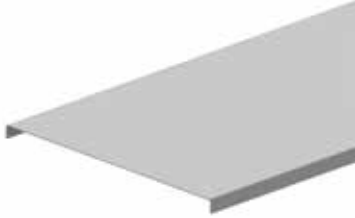


D

Universal cover



SS



Sendzimir	Defender	↓ mm	↔ mm	↔ mm	📦	Unit
D050	ZMD050	10	50	3000	30	m
D075	ZMD075	10	75	2000	20	m
D100	ZMD100	10	100	2000	20	m
D100.3	-	10	100	3000	20	m
D150	ZMD150	10	150	2000	20	m
D200	ZMD200	10	200	2000	20	m
D200.3	-	10	200	3000	20	m
D250	ZMD250	10	250	2000	20	m
D300	ZMD300	10	300	2000	20	m
D400	ZMD400	10	400	2000	20	m
D500	ZMD500	10	500	2000	20	m
D600	ZMD600	10	600	2000	20	m

Stainless steel 304	Stainless steel 316	↓ mm	↔ mm	↔ mm	📦	Unit
I4D100	I6D100	10	102	3000	3	m
I4D200	I6D200	10	202	3000	3	m
I4D300	I6D300	10	302	3000	3	m
I4D400	I6D400	10	402	3000	3	m

DZ

Cover with swivel clamp



Sendzimir	Defender*	↓ mm	↔ mm	↔ mm	📦	Unit
DZ050	ZMDZ050	10	50	3000	30	m
DZ075	ZMDZ075	10	75	3000	30	m
DZ100	ZMDZ100	10	100	3000	30	m
DZ150	ZMDZ150	10	150	3000	30	m
DZ200	ZMDZ200	10	200	3000	30	m
DZ300	ZMDZ300	10	300	3000	30	m
DZ400	-	10	400	3000	30	m
DZ500	-	10	500	3000	30	m

*MOQ = 270 m

DCL

Cover clamp clips

SS



Reference	📦	Unit
DCL	100	pc

DCO

Cover clamp



Reference	📦	Unit
DCO	100	pc

DZK

Swivel clamp



Reference	📦	Unit
DZK	25	pc

SLIS

Snap-in partition



Sendzimir	↓ mm	↔ mm	📦	Unit
SLIS60	55	3000	3	m

Attach with



CL

Clips for SLIS



Sendzimir	📦	Unit
CL	100	pc



BVSI

Stiffening plate



Sendzimir	Defender	↔ mm	↔ mm	📦	Unit
BVSI050	ZMBVSI050	46	100	1	pc
BVSI075	ZMBVSI075	70	100	1	pc
BVSI100	ZMBVSI100	75	100	1	pc
BVSI150	ZMBVSI150	125	100	1	pc
BVSI200	ZMBVSI200	175	100	1	pc
BVSI300	ZMBVSI300	275	100	1	pc
BVSI400	ZMBVSI400	375	100	1	pc
BVSI500	ZMBVSI500	475	100	1	pc
BVSI600	ZMBVSI600	575	100	1	pc



LV

Supporting corner



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
LV35	-	32	20	24	pc
LV60.85	ZMLV60.85	60	43	24	pc
LV110	-	94	58	24	pc



B90

Horizontal bend 90°



SS



Sendizmir	Defender	Stainless steel 316	↓ mm	↔ mm	📦	Unit
B90.60.050	ZMB90.60.050	-	60	50	1	pc
B90.60.075	ZMB90.60.075	-	60	75	1	pc
B90.60.100	ZMB90.60.100	I6B90.60.100	60	100	1	pc
B90.60.150	ZMB90.60.150	-	60	150	1	pc
B90.60.200	ZMB90.60.200	I6B90.60.200	60	200	1	pc
B90.60.300	ZMB90.60.300	I6B90.60.300	60	300	1	pc
B90.60.400	ZMB90.60.400	I6B90.60.400	60	400	1	pc
B90.60.500	ZMB90.60.500	-	60	500	1	pc
B90.60.600	ZMB90.60.600	-	60	600	1	pc

To order: height 35, 85, 110



DB90

Cover for horizontal bend 90°



SS



Sendizmir	Defender	Stainless steel 316	↓ mm	↔ mm	📦	Unit
DB90.050	ZMDB90.050	-	10	56	1	pc
DB90.075	ZMDB90.075	-	10	81	1	pc
DB90.100	ZMDB90.100	I6DB90.100	10	106	1	pc
DB90.150	ZMDB90.150	-	10	156	1	pc
DB90.200	ZMDB90.200	I6DB90.200	10	206	1	pc
DB90.300	ZMDB90.300	I6DB90.300	10	306	1	pc
DB90.400	ZMDB90.400	I6DB90.400	10	406	1	pc
DB90.500	ZMDB90.500	-	10	506	1	pc
DB90.600	ZMDB90.600	-	10	606	1	pc



SLOS

Bolt-in partition



SS



Sendizmir	Defender	↓ mm	↔ mm	📦	Unit
SLOS35	ZMSLOS35	28	3000	150	m
SLOS60	ZMSLOS60	53	3000	120	m
SLOS60.2000	-	53	2000	120	m
SLOS85	ZMSLOS85	78	3000	60	m
SLOS110	ZMSLOS110	103	3000	30	m



SB90

Rising elbow 90°



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
SB90.60.050	ZMSB90.60.050	60	50	1	pc
SB90.60.075	ZMSB90.60.075	60	75	1	pc
SB90.60.100	ZMSB90.60.100	60	100	1	pc
SB90.60.150	ZMSB90.60.150	60	150	1	pc
SB90.60.200	ZMSB90.60.200	60	200	1	pc
SB90.60.300	ZMSB90.60.300	60	300	1	pc
SB90.60.400	ZMSB90.60.400	60	400	1	pc
SB90.60.500	ZMSB90.60.500	60	500	1	pc
SB90.60.600	ZMSB90.60.600	60	600	1	pc

To order: height 35, 85, 110 mm



SBCL

Snap-in rising elbow 90° for KBSCL60, KBS60 and KBSI60



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
SBCL90.60.050	ZMSBCL90.60.050	60	50	1	pc
SBCL90.60.075	ZMSBCL90.60.075	60	75	1	pc
SBCL90.60.100	ZMSBCL90.60.100	60	100	1	pc
SBCL90.60.150	ZMSBCL90.60.150	60	150	1	pc
SBCL90.60.200	ZMSBCL90.60.200	60	200	1	pc
SBCL90.60.300	ZMSBCL90.60.300	60	300	1	pc
SBCL90.60.400	ZMSBCL90.60.400	60	400	1	pc
SBCL90.60.500	ZMSBCL90.60.500	60	500	1	pc
SBCL90.60.600	ZMSBCL90.60.600	60	600	1	pc



DSB90

Cover for rising elbow 90°



Sendzimir	Defender	↔ mm	📦	Unit
DSB90.050	ZMDSB90.050	50	1	pc
DSB90.075	ZMDSB90.075	75	1	pc
DSB90.100	ZMDSB90.100	100	1	pc
DSB90.150	ZMDSB90.150	150	1	pc
DSB90.200	ZMDSB90.200	200	1	pc
DSB90.300	ZMDSB90.300	300	1	pc
DSB90.400	ZMDSB90.400	400	1	pc
DSB90.500	ZMDSB90.500	500	1	pc
DSB90.600	ZMDSB90.600	600	1	pc



VB90

Low elbow 90°



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
VB90.60.050	ZMVB90.60.050	60	50	1	pc
VB90.60.075	ZMVB90.60.075	60	75	1	pc
VB90.60.100	ZMVB90.60.100	60	100	1	pc
VB90.60.150	ZMVB90.60.150	60	150	1	pc
VB90.60.200	ZMVB90.60.200	60	200	1	pc
VB90.60.300	ZMVB90.60.300	60	300	1	pc
VB90.60.400	ZMVB90.60.400	60	400	1	pc
VB90.60.500	ZMVB90.60.500	60	500	1	pc
VB90.60.600	ZMVB90.60.600	60	600	1	pc

To order: height 35, 85, 110 mm

VBCL

Snap-in low elbow 90° for KBSC60, KBS60 and KBSI60



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
VBCL90.60.050	ZMVBCL90.60.050	60	50	1	pc
VBCL90.60.075	ZMVBCL90.60.075	60	75	1	pc
VBCL90.60.100	ZMVBCL90.60.100	60	100	1	pc
VBCL90.60.150	ZMVBCL90.60.150	60	150	1	pc
VBCL90.60.200	ZMVBCL90.60.200	60	200	1	pc
VBCL90.60.300	ZMVBCL90.60.300	60	300	1	pc
VBCL90.60.400	ZMVBCL90.60.400	60	400	1	pc
VBCL90.60.500	ZMVBCL90.60.500	60	500	1	pc
VBCL90.60.600	ZMVBCL90.60.600	60	600	1	pc

DVB90

Cover for low elbow 90°



Sendzimir	Defender	↔ mm	📦	Unit
DVB90.60.050	ZMDVB90.60.050	50	1	pc
DVB90.60.075	ZMDVB90.60.075	75	1	pc
DVB90.60.100	ZMDVB90.60.100	100	1	pc
DVB90.60.150	ZMDVB90.60.150	150	1	pc
DVB90.60.200	ZMDVB90.60.200	200	1	pc
DVB90.60.300	ZMDVB90.60.300	300	1	pc
DVB90.60.400	ZMDVB90.60.400	400	1	pc
DVB90.60.500	ZMDVB90.60.500	500	1	pc
DVB90.60.600	ZMDVB90.60.600	600	1	pc

AS

Horizontal adapter 90°



SS



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
AS60.050	ZMAS60.100	60	50	1	pc
AS60.075	ZMAS60.050	60	75	1	pc
AS60.100	ZMAS60.075	60	100	1	pc
AS60.150	ZMAS60.150	60	150	1	pc
AS60.200	ZMAS60.200	60	200	1	pc
AS60.300	ZMAS60.300	60	300	1	pc
AS60.400	ZMAS60.400	60	400	1	pc
AS60.500	ZMAS60.500	60	500	1	pc
AS60.600	ZMAS60.600	60	600	1	pc

To order: height 35, 85, 110 mm



DAS

Cover for horizontal adapter 90°



SS



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
DAS050	ZMDAS050	10	56	1	pc
DAS075	ZMDAS075	10	81	1	pc
DAS100	ZMDAS100	10	106	1	pc
DAS150	ZMDAS150	10	156	1	pc
DAS200	ZMDAS200	10	206	1	pc
DAS300	ZMDAS300	10	306	1	pc
DAS400	ZMDAS400	10	406	1	pc
DAS500	ZMDAS500	10	506	1	pc
DAS600	ZMDAS600	10	606	1	pc



AZH

Universal coupling 90°



SS



Sendzimir	Defender	↕ mm	📦	Unit
AZH35	ZMAZH35	35	1	pc
AZH60	ZMAZH60	60	1	pc
AZH85	ZMAZH85	85	1	pc
AZH110	ZMAZH110	110	1	pc



T

Horizontal T-piece



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
T60.050	ZMT60.100	60	50	1	pc
T60.075	ZMT60.050	60	75	1	pc
T60.100	ZMT60.075	60	100	1	pc
T60.150	ZMT60.150	60	150	1	pc
T60.200	ZMT60.200	60	200	1	pc
T60.300	ZMT60.300	60	300	1	pc
T60.400	ZMT60.400	60	400	1	pc
T60.500	ZMT60.500	60	500	1	pc
T60.600	ZMT60.600	60	600	1	pc

To order: height 35, 85, 110 mm



DT

Cover for horizontal T-piece

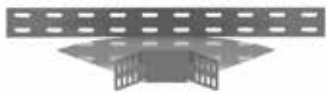


Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
DT050	ZMDT050	10	56	1	pc
DT075	ZMDT075	10	81	1	pc
DT100	ZMDT100	10	106	1	pc
DT150	ZMDT150	10	156	1	pc
DT200	ZMDT200	10	206	1	pc
DT300	ZMDT300	10	306	1	pc
DT400	ZMDT400	10	406	1	pc
DT500	ZMDT500	10	506	1	pc
DT600	ZMDT600	10	606	1	pc



VH

Adjustable Corner



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
VH60.050	ZMVH60.100	60	50	1	pc
VH60.075	ZMVH60.050	60	75	1	pc
VH60.100	ZMVH60.075	60	100	1	pc
VH60.150	ZMVH60.150	60	150	1	pc
VH60.200	ZMVH60.200	60	200	1	pc
VH60.300	ZMVH60.300	60	300	1	pc
VH60.400	ZMVH60.400	60	400	1	pc
VH60.500	ZMVH60.500	60	500	1	pc
VH60.600	ZMVH60.600	60	600	1	pc

To order: height 35, 85, 110 mm



KR

Cross-over



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
KR60.050	ZMKR60.100	60	50	1	pc
KR60.075	ZMKR60.050	60	75	1	pc
KR60.100	ZMKR60.075	60	100	1	pc
KR60.150	ZMKR60.150	60	150	1	pc
KR60.200	ZMKR60.200	60	200	1	pc
KR60.300	ZMKR60.300	60	300	1	pc
KR60.400	ZMKR60.400	60	400	1	pc
KR60.500	ZMKR60.500	60	500	1	pc
KR60.600	ZMKR60.600	60	600	1	pc

To order: height 35, 85, 110 mm



DKR

Cover for cross-over

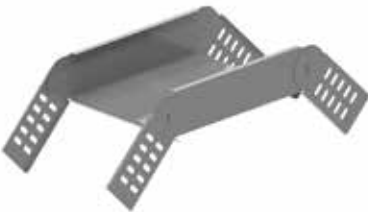


Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
DKR050	ZMDKR050	10	56	1	pc
DKR075	ZMDKR075	10	81	1	pc
DKR100	ZMDKR100	10	106	1	pc
DKR150	ZMDKR150	10	156	1	pc
DKR200	ZMDKR200	10	206	1	pc
DKR300	ZMDKR300	10	306	1	pc
DKR400	ZMDKR400	10	406	1	pc
DKR500	ZMDKR500	10	506	1	pc
DKR600	ZMDKR600	10	606	1	pc



SDB

Hinged joiner double



Defender	↓ mm	↔ mm	📦	Unit
ZMSDB60.050	60	50	1	pc
ZMSDB60.075	60	75	1	pc
ZMSDB60.100	60	100	1	pc
ZMSDB60.150	60	150	1	pc
ZMSDB60.200	60	200	1	pc
ZMSDB60.300	60	300	1	pc
ZMSDB60.400	60	400	1	pc
ZMSDB60.500	60	500	1	pc
ZMSDB60.600	60	600	1	pc

To order: height 35, 85, 110 mm



E

End piece



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
E60.050	ZME60.100	55	46	1	pc
E60.075	ZME60.050	55	71	1	pc
E60.100	ZME60.075	55	96	1	pc
E60.150	ZME60.150	55	146	1	pc
E60.200	ZME60.200	55	196	1	pc
E60.300	ZME60.300	55	296	1	pc
E60.400	ZME60.400	55	396	1	pc
E60.500	ZME60.500	55	496	1	pc
E60.600	ZME60.600	55	596	1	pc

To order: height 35, 85, 110 mm

VS

Reducing plate



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
VS60.025	ZMVS60.025	50	25	1	pc
VS60.050	ZMVS60.050	50	50	1	pc
VS60.075	ZMVS60.075	50	75	1	pc
VS60.100	ZMVS60.100	50	100	1	pc
VS60.125	ZMVS60.125	50	125	1	pc
VS60.150	ZMVS60.150	50	150	1	pc
VS60.200	ZMVS60.200	50	200	1	pc
VS60.250	ZMVS60.250	50	250	1	pc
VS60.300	ZMVS60.300	50	300	1	pc
VS60.350	ZMVS60.350	50	350	1	pc
VS60.400	ZMVS60.400	50	400	1	pc

To order: height 35, 85, 110 mm



MPV

Flat mounting plate



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
MPV	ZMMPV	175	160	20	pc

MP

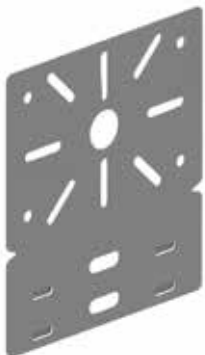
Folded mounting plate



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
MP	ZMMP	157	160	20	pc

MPVCL

Snap-in mounting plate



Sendzimir	↕ mm	↔ mm	📦	Unit
MPVCL	175	160	20	pc

DS

Hinged joiner



SS



Sendzimir	Defender	↓ mm	↔ mm	Unit
-	ZMDS35	35	10	pc
DS60	ZMDS60	60	20	pc
-	ZMDS85	85	10	pc
-	ZMDS110	110	10	pc



V35.200-V110.200

Joining plate



SS

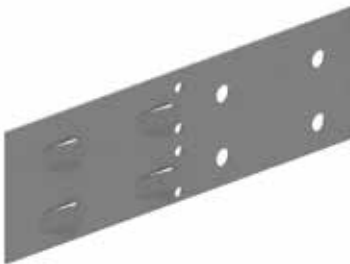


Sendzimir	Defender	↓ mm	↔ mm	Unit
V35.200	-	25	200	10 pc
V60.200	ZMV60.200	50	200	20 pc
V85.200	-	75	200	10 pc
V110.200	-	100	200	10 pc



V35-V85

Joiner for fast mounting



Sendzimir	↓ mm	↔ mm	Unit
V35	27	180	10 pc
V60	52	180	20 pc
V85	77	180	10 pc



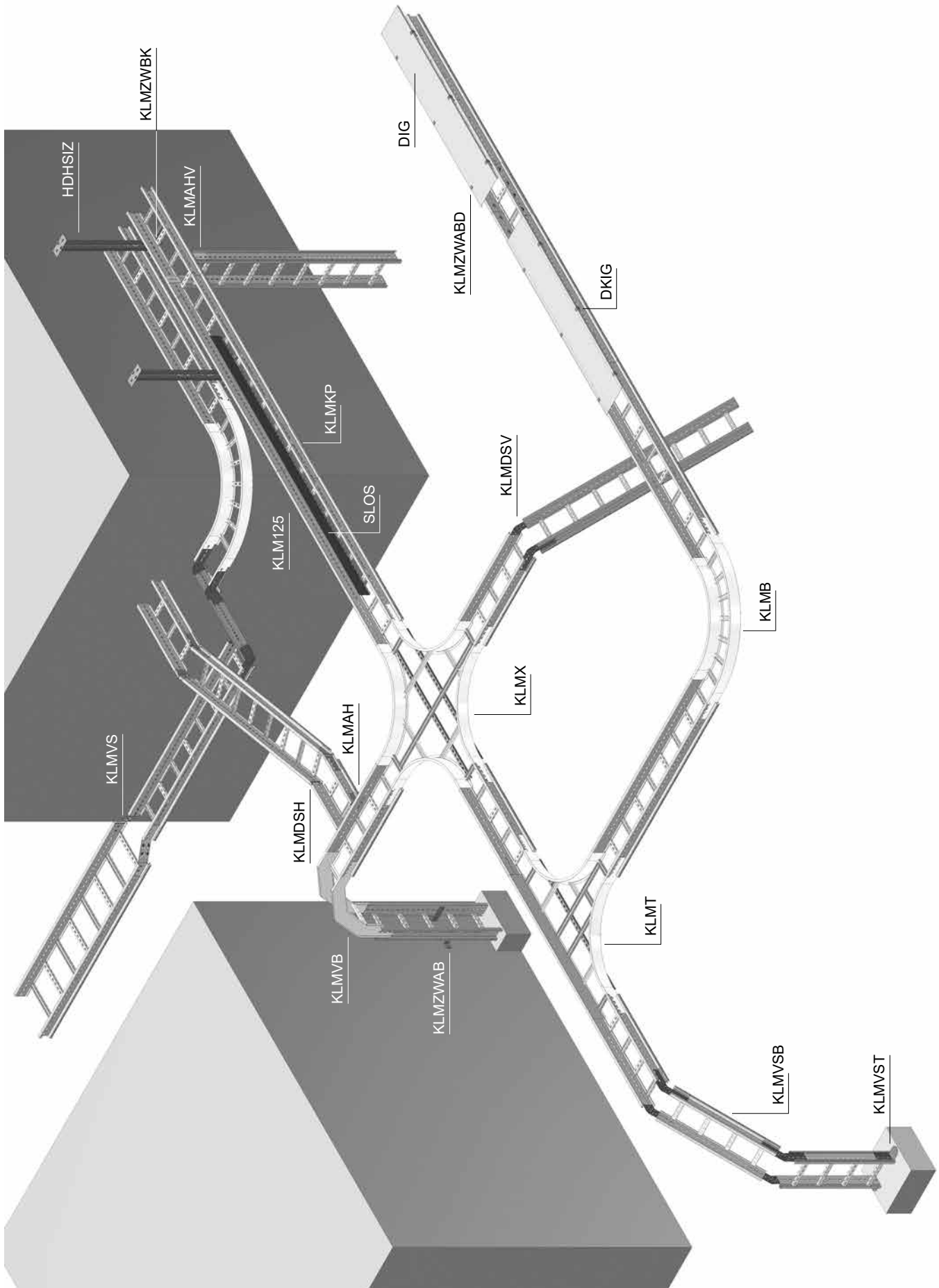
KPW

Joiner for wide-span



Sendzimir	Defender	↓ mm	↔ mm	Unit
KPW	ZMPKW	115	400	10 pc







KLB

Horizontal bend for KL



Sendzimir	↓ mm	↔ mm	📦	Unit
KLB60.200	60	200	1	pc
KLB60.300	60	300	1	pc
KLB60.400	60	400	1	pc
KLB60.500	60	500	1	pc
KLB60.600	60	600	1	pc



HDDIB

Industrial cover for bend



Hot-dip	↓ mm	↔ mm	📦	Unit
HDDIB200	20	205	1	pc
HDDIB300	20	305	1	pc
HDDIB400	20	405	1	pc
HDDIB500	20	505	1	pc
HDDIB600	20	605	1	pc



KLT

T-piece for KL



Sendzimir	↓ mm	↔ mm	📦	Unit
KLT60.200	60	200	1	pc
KLT60.300	60	300	1	pc
KLT60.400	60	400	1	pc
KLT60.500	60	500	1	pc
KLT60.600	60	600	1	pc

Cross-over also available



DCL

Cover clamp clips

SS



Reference	📦	Unit
DCL	100	pc



KL60

Cable ladder



Sendzimir	↓ mm	↔ mm	↗ mm	📦	Unit
KL60.200	60	200	3000	24	m
KL60.300	60	300	3000	24	m
KL60.400	60	400	3000	24	m
KL60.500	60	500	3000	24	m
KL60.600	60	600	3000	24	m



SKL60

Rising cable ladder



Sendzimir	↓ mm	↔ mm	↗ mm	📦	Unit
SKL60.200	60	200	3000	24	m
SKL60.300	60	300	3000	24	m
SKL60.400	60	400	3000	24	m
SKL60.500	60	500	3000	24	m
SKL60.600	60	600	3000	24	m

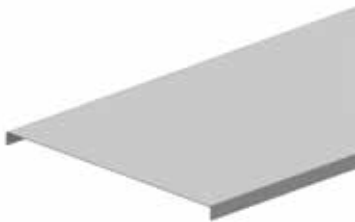


D

Universal cover



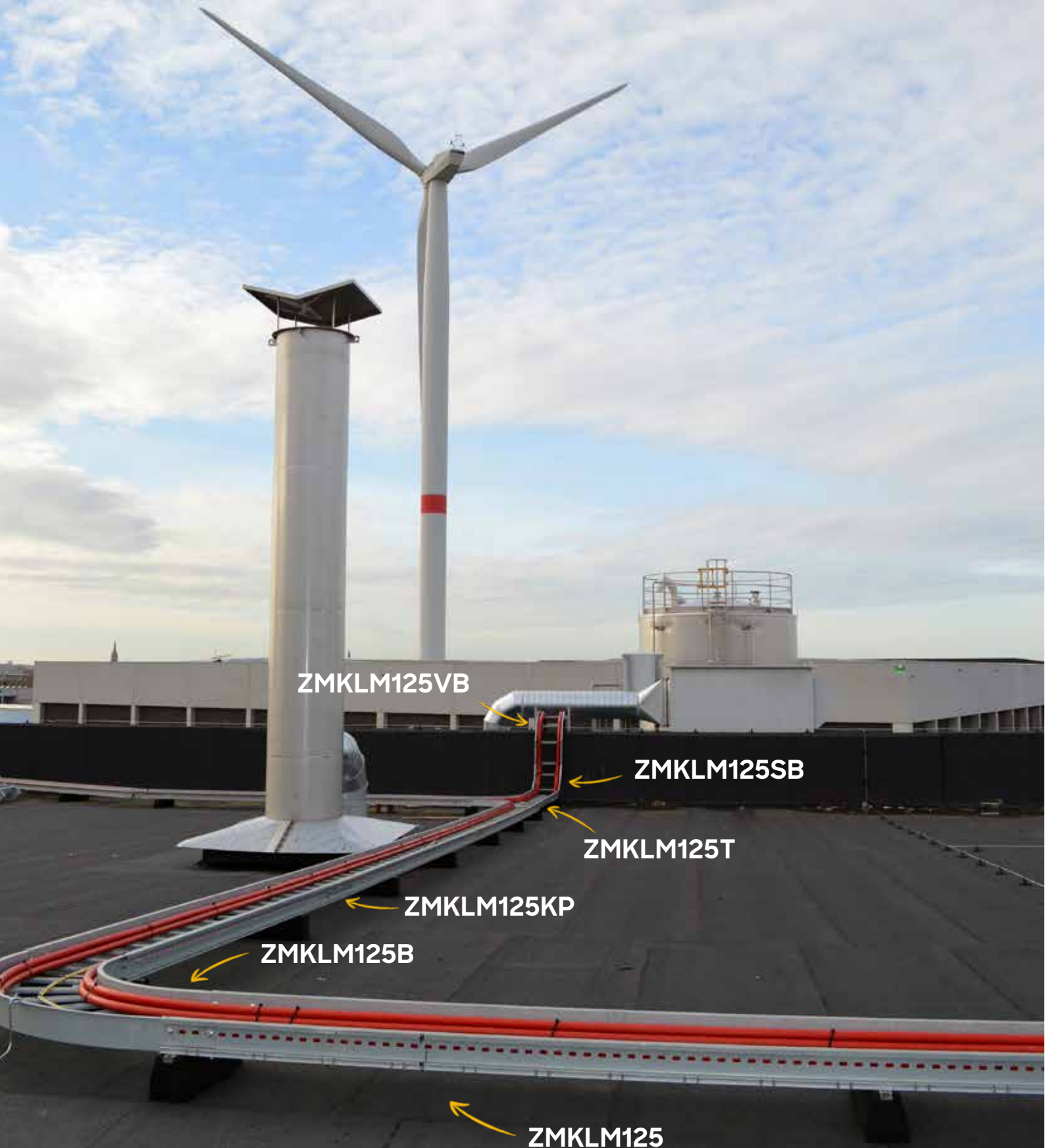
SS



Sendzimir	Defender	↓ mm	↔ mm	↗ mm	📦	Unit
D050	ZMD050	10	50	3000	30	m
D075	ZMD075	10	75	2000	20	m
D100	ZMD100	10	100	2000	20	m
D100.3	-	10	100	3000	20	m
D150	ZMD150	10	150	2000	20	m
D200	ZMD200	10	200	2000	20	m
D200.3	-	10	200	3000	20	m
D250	ZMD250	10	250	2000	20	m
D300	ZMD300	10	300	2000	20	m
D400	ZMD400	10	400	2000	20	m
D500	ZMD500	10	500	2000	20	m
D600	ZMD600	10	600	2000	20	m



Stainless steel 304	Stainless steel 316	↓ mm	↔ mm	↗ mm	📦	Unit
I4D100	I6D100	10	102	3000	3	m
I4D200	I6D200	10	202	3000	3	m
I4D300	I6D300	10	302	3000	3	m
I4D400	I6D400	10	402	3000	3	m



HDAB35.110

Stand-off bracket



Hot-dip	↕ mm	↔ mm	📦	Unit
HDAB35.110	150	40	20	pc



BK

Fixing clamp



Sendzimir	📦	Unit
BK	50	pc



SLOS35

Bolt-in partition



SS



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
SLOS35	ZMSLOS35	28	3000	150	m



DS

Hinged joiner



SS



Sendzimir	Defender	↕ mm	📦	Unit
-	ZMDS35	35	10	pc
DS60	ZMDS60	60	20	pc
-	ZMDS85	85	10	pc
-	ZMDS110	110	10	pc

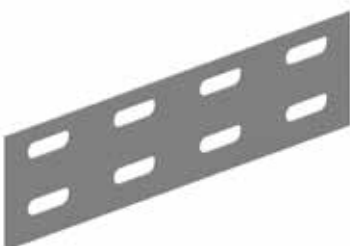


V60.200

Joining plate



SS



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
V60.200	ZMV60.200	50	200	20	pc

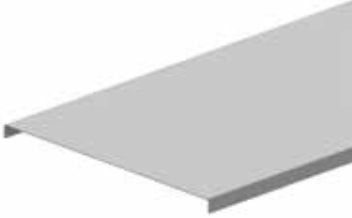


D

Universal cover



SS



Sendzimir	Defender	↓ mm	↔ mm	↔ mm	Unit	Unit
D050	ZMD050	10	50	3000	30	m
D075	ZMD075	10	75	2000	20	m
D100	ZMD100	10	100	2000	20	m
D100.3	-	10	100	3000	20	m
D150	ZMD150	10	150	2000	20	m
D200	ZMD200	10	200	2000	20	m
D200.3	-	10	200	3000	20	m
D250	ZMD250	10	250	2000	20	m
D300	ZMD300	10	300	2000	20	m
D400	ZMD400	10	400	2000	20	m
D500	ZMD500	10	500	2000	20	m
D600	ZMD600	10	600	2000	20	m

Stainless steel 304	Stainless steel 316	↓ mm	↔ mm	↔ mm	Unit	Unit
I4D100	I6D100	10	102	3000	3	m
I4D200	I6D200	10	202	3000	3	m
I4D300	I6D300	10	302	3000	3	m
I4D400	I6D400	10	402	3000	3	m

I6KSF

Cable Ladder Food and Pharma

SS



Stainless steel 316	↓ mm	↔ mm	↔ mm	Unit	Unit
I6KSF200	60	200	6000	6	m
I6KSF300	60	300	6000	6	m
I6KSF400	60	400	6000	6	m
I6KSF600	60	600	6000	6	m

KLLI60(.6)

Cable ladder interlocking ends



SS



Sendzimir	Defender	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
KLLI60.150	ZMKLLI60.150	60	150	1	3000	30	m
KLLI60.200	ZMKLLI60.200	60	200	1	3000	30	m
KLLI60.300	ZMKLLI60.300	60	300	1	3000	30	m
KLLI60.400	ZMKLLI60.400	60	400	1	3000	30	m
KLLI60.450	ZMKLLI60.450	60	450	1	3000	30	m
KLLI60.500	ZMKLLI60.500	60	500	1	3000	30	m
KLLI60.600	ZMKLLI60.600	60	600	1	3000	30	m
KLLI60.750	ZMKLLI60.750	60	750	1	3000	30	m
KLLI60.800	ZMKLLI60.800	60	800	1	3000	30	m
KLLI60.900	ZMKLLI60.900	60	900	1	3000	30	m
KLLI60.150.6	ZMKLLI60.150.6	60	150	1	6000	30	m
KLLI60.200.6	ZMKLLI60.200.6	60	200	1	6000	30	m
KLLI60.300.6	ZMKLLI60.300.6	60	300	1	6000	30	m
KLLI60.400.6	ZMKLLI60.400.6	60	400	1	6000	30	m
KLLI60.500.6	ZMKLLI60.500.6	60	500	1	6000	30	m
KLLI60.600.6	ZMKLLI60.600.6	60	600	1	6000	30	m
KLLI60.800.6	ZMKLLI60.800.6	60	800	1	6000	30	m

KLL110

Cable ladder



Sendzimir	Defender	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
KLL110.150	ZMKLL110.150	110	150	1,25	3000	18	m
KLL110.200	ZMKLL110.200	110	200	1,25	3000	18	m
KLL110.300	ZMKLL110.300	110	300	1,25	3000	18	m
KLL110.400	ZMKLL110.400	110	400	1,25	3000	18	m
KLL110.450	ZMKLL110.450	110	450	1,25	3000	18	m
KLL110.500	ZMKLL110.500	110	500	1,25	3000	18	m
KLL110.600	ZMKLL110.600	110	600	1,25	3000	18	m
KLL110.750	ZMKLL110.750	110	750	1,25	3000	18	m
KLL110.800	ZMKLL110.800	110	800	1,25	3000	18	m
KLL110.900	ZMKLL110.900	110	900	1,25	3000	18	m

KLLVB

External riser for KLL

SS



Sendzimir	↓ mm	Sendzimir	↓ mm	↔ mm	Unit
KLLVB60.150	60	KLLVB110.150	110	146	1 pc
KLLVB60.200	60	KLLVB110.200	110	196	1 pc
KLLVB60.300	60	KLLVB110.300	110	296	1 pc
KLLVB60.400	60	KLLVB110.400	110	396	1 pc
KLLVB60.450	60	KLLVB110.450	110	446	1 pc
KLLVB60.500	60	KLLVB110.500	110	496	1 pc
KLLVB60.600	60	KLLVB110.600	110	596	1 pc

Also available in 45°



KLLSB

Internal riser for KLL

SS



Sendzimir	↓ mm	Sendzimir	↓ mm	↔ mm	Unit
KLLSB60.150	60	KLLSB110.150	110	146	1 pc
KLLSB60.200	60	KLLSB110.200	110	196	1 pc
KLLSB60.300	60	KLLSB110.300	110	296	1 pc
KLLSB60.400	60	KLLSB110.400	110	396	1 pc
KLLSB60.450	60	KLLSB110.450	110	446	1 pc
KLLSB60.500	60	KLLSB110.500	110	496	1 pc
KLLSB60.600	60	KLLSB110.600	110	596	1 pc

Also available in 45°



KLLDK

Cover clamp for KLL

SS



Sendzimir	↓ mm	↔ mm	Unit
KLLDK	20	20	20 pc



KLLB

Horizontal bend for KLL

SS



Sendzimir	↓ mm	Sendzimir	↓ mm	↔ mm	📦	Unit
KLLB60.150	60	KLLB110.150	110	141	1	pc
KLLB60.200	60	KLLB110.200	110	191	1	pc
KLLB60.300	60	KLLB110.300	110	291	1	pc
KLLB60.400	60	KLLB110.400	110	391	1	pc
KLLB60.450	60	KLLB110.450	110	441	1	pc
KLLB60.500	60	KLLB110.500	110	491	1	pc
KLLB60.600	60	KLLB110.600	110	591	1	pc

Also available in 45°



KLLT

T-piece for KLL

SS



Sendzimir	↓ mm	Sendzimir	↓ mm	↔ mm	📦	Unit
KLLT60.150	60	KLLT110.150	110	141	1	pc
KLLT60.200	60	KLLT110.200	110	191	1	pc
KLLT60.300	60	KLLT110.300	110	291	1	pc
KLLT60.400	60	KLLT110.400	110	391	1	pc
KLLT60.450	60	KLLT110.450	110	441	1	pc
KLLT60.500	60	KLLT110.500	110	491	1	pc
KLLT60.600	60	KLLT110.600	110	591	1	pc

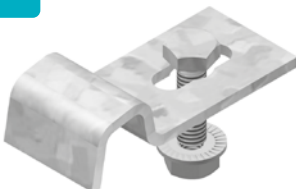
Cross-over also available



KLLBK

Bracket clamp for KLL

SS



Sendzimir	↓ mm	↔ mm	📦	Unit
KLLBK25	13	25	20	pc
KLLBK40	13	40	20	pc



KLLVST

Floor Support for KLL

SS



Sendzimir	↕ mm	↔ mm	↔ mm	📦	Unit
KLLVST60	37	35	100	2	pc
KLLVST110	88	82	100	2	pc



DOPKLL

End cap for KLL



Reference	↕ mm	📦	Unit
DOPKLL60	60	12	pc
DOPKLL110	110	12	pc



KLLKP

Joiner for KLL

SS



Sendzimir	↕ mm	↔ mm	↔ mm	📦	Unit
KLLKP60	41	10	200	12	pc
KLLKP110	89	13	400	12	pc



KLLAH

Horizontal bend for KLL

SS



Sendzimir	↕ mm	↔ mm	↔ mm	📦	Unit
KLLAH60	39	118	62	2	pc
KLLAH110	88	118	111	2	pc



KLLDSH

Horizontal bend for KLL

SS



Sendzimir	↕ mm	↔ mm	↔ mm	📦	Unit
KLLDSH60	41	10	200	6	pc
KLLDSH110	90	10	200	6	pc



KLLDSV

Vertical bend for KLL

SS



Sendzimir	↕ mm	↔ mm	↔ mm	📦	Unit
KLLDSV60	37	12	240	6	pc
KLLDSV110	88	12	290	6	pc



KLLVS

Reducing plate for KLL

SS



Sendzimir	↕ mm	↔ mm	↔ mm	📦	Unit
KLLVS60	37	13	400	6	pc
KLLVS110	89	13	500	6	pc



KLMZWAB

Stand-off bracket for KLM/KLZ/KLW



SS



Electro zinc-plated	Defender	↓ mm	↔ mm	↗ mm	📦	Unit
KLMZWAB	ZMKLMZWAB	170	50	61	4	pc



KLMZWBK

Bracket clamp



SS



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
KLMZWBK25	ZMKLMZWBK25	20	25	20	pc
KLMZWBK40	ZMKLMZWBK40	20	40	20	pc



ZMDIG

Industrial cover



SS



Defender	↓ mm	↔ mm	↗ mm	📦	Unit
ZMDIG200	15	223	2000	2	m
ZMDIG300	15	323	2000	2	m
ZMDIG400	15	423	2000	2	m
ZMDIG500	15	523	2000	2	m
ZMDIG600	15	623	2000	2	m



DKIG

Cover clamp



SS



Defender	📦	Unit
ZMDKIG	20	pc



KLM100

Cable ladder height 100



SS



Sendzimir	Defender	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
KLM100.150	ZMKLM100.150	100	168	1.5	6000	48	m
KLM100.200	ZMKLM100.200	100	218	1.5	6000	48	m
KLM100.300	ZMKLM100.300	100	318	1.5	6000	48	m
KLM100.400	ZMKLM100.400	100	418	1.5	6000	48	m
KLM100.450	ZMKLM100.450	100	468	1.5	6000	48	m
KLM100.500	ZMKLM100.500	100	518	1.5	6000	48	m
KLM100.600	ZMKLM100.600	100	618	1.5	6000	48	m
KLM100.750	ZMKLM100.750	100	768	1.5	6000	48	m
KLM100.800	ZMKLM100.800	100	818	1.5	6000	48	m
KLM100.900	ZMKLM100.900	100	918	1.5	6000	48	m
KLM100.1000	ZMKLM100.1000	100	1018	1.5	6000	48	m

To order: Length 3000 mm

To order: Width 700 - 1200 mm (increments of 100 mm)

KLM100B

Horizontal bend for KLM100



SS



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
KLM100B150	ZMKLM100B150	100	158	1	pc
KLM100B200	ZMKLM100B200	100	208	1	pc
KLM100B300	ZMKLM100B300	100	308	1	pc
KLM100B400	ZMKLM100B400	100	408	1	pc
KLM100B450	ZMKLM100B450	100	458	1	pc
KLM100B500	ZMKLM100B500	100	508	1	pc
KLM100B600	ZMKLM100B600	100	608	1	pc
KLM100B750	ZMKLM100B750	100	758	1	pc
KLM100B800	ZMKLM100B800	100	808	1	pc
KLM100B900	ZMKLM100B900	100	908	1	pc
KLM100B1000	ZMKLM100B1000	100	1008	1	pc

Also available in 45°

KLM100T

T-piece for KLM100



SS



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
KLM100T150	ZMKLM100T150	100	158	1	pc
KLM100T200	ZMKLM100T200	100	208	1	pc
KLM100T300	ZMKLM100T300	100	308	1	pc
KLM100T400	ZMKLM100T400	100	408	1	pc
KLM100T450	ZMKLM100T450	100	458	1	pc
KLM100T500	ZMKLM100T500	100	508	1	pc
KLM100T600	ZMKLM100T600	100	608	1	pc
KLM100T750	ZMKLM100T750	100	758	1	pc
KLM100T800	ZMKLM100T800	100	808	1	pc
KLM100T900	ZMKLM100T900	100	908	1	pc
KLM100T1000	ZMKLM100T1000	100	1008	1	pc

Cross-over also available

KLM100DSH

Horizontal hinged joiner for KLM100



Sendizmir	Defender	↓ mm	↔ mm	↗ mm	📦	Unit
KLM100DSH	ZMKLM100DSH	71	25	330	2	pc



KLM100DSV

Vertical hinged joiner for KLM100



Sendizmir	Defender	↓ mm	↔ mm	↗ mm	📦	Unit
KLM100DSV	ZMKLM100DSV	71	20	434	2	pc



KLM100KP

Joiner for KLM100



Sendizmir	Defender	↓ mm	↔ mm	↗ mm	📦	Unit
KLM100KP	ZMKLM100KP	72	25	400	6	pc



KLM100AHV

Vertical branch hook for KLM100



Sendizmir	Defender	↓ mm	↔ mm	↗ mm	📦	Unit
KLM100AHV	ZMKLM100AHV	71	27	265	2	pc



KLM100AH

Horizontal branch hook for KLM100



Sendizmir	Defender	↓ mm	↔ mm	↗ mm	📦	Unit
KLM100AH	ZMKLM100AH	71	169	125	2	pc



KLM100VB

External riser for KLM100



SS



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
KLM100VB150	ZMKLM100VB150	100	158	1	pc
KLM100VB200	ZMKLM100VB200	100	208	1	pc
KLM100VB300	ZMKLM100VB300	100	308	1	pc
KLM100VB400	ZMKLM100VB400	100	408	1	pc
KLM100VB450	ZMKLM100VB450	100	458	1	pc
KLM100VB500	ZMKLM100VB500	100	508	1	pc
KLM100VB600	ZMKLM100VB600	100	608	1	pc
KLM100VB750	ZMKLM100VB750	100	758	1	pc
KLM100VB800	ZMKLM100VB800	100	808	1	pc
KLM100VB900	ZMKLM100VB900	100	908	1	pc
KLM100VB1000	ZMKLM100VB1000	100	1008	1	pc

Also available in 45°

KLM100SB

Internal riser for KLM100



SS



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
KLM100SB150	ZMKLM100SB150	100	158	1	pc
KLM100SB200	ZMKLM100SB200	100	208	1	pc
KLM100SB300	ZMKLM100SB300	100	308	1	pc
KLM100SB400	ZMKLM100SB400	100	408	1	pc
KLM100SB450	ZMKLM100SB450	100	458	1	pc
KLM100SB500	ZMKLM100SB500	100	508	1	pc
KLM100SB600	ZMKLM100SB600	100	608	1	pc
KLM100SB750	ZMKLM100SB750	100	758	1	pc
KLM100SB800	ZMKLM100SB800	100	808	1	pc
KLM100SB900	ZMKLM100SB900	100	908	1	pc
KLM100SB1000	ZMKLM100SB1000	100	1008	1	pc

Also available in 45°

DOPKLM100

End cap for KLM100



Reference	↓ mm	📦	Unit
DOPKLM100	100	12	pc

KLMZWAB

Stand-off bracket for KLM/KLZ/KLW



SS



Electro zinc-plated	Defender	↕ mm	↔ mm	↗ mm	📦	Unit
KLMZWAB	ZMKLMZWAB	170	50	61	4	pc



KLMZWBK

Bracket clamp



SS



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
KLMZWBK25	ZMKLMZWBK25	20	25	20	pc
KLMZWBK40	ZMKLMZWBK40	20	40	20	pc



ZMDIG

Industrial cover



SS



Defender	↕ mm	↔ mm	↗ mm	📦	Unit
ZMDIG200	15	223	2000	2	m
ZMDIG300	15	323	2000	2	m
ZMDIG400	15	423	2000	2	m
ZMDIG500	15	523	2000	2	m
ZMDIG600	15	623	2000	2	m



DKIG

Cover clamp



SS



Defender	📦	Unit
ZMDKIG	20	pc



KLM125

Cable ladder height 125



SS



Sendzimir	Defender	↓ mm	↔ mm	→ ← mm	↔ mm	Unit
KLM125.150	ZMKLM125.150	125	168	1.5	6000	48 m
KLM125.200	ZMKLM125.200	125	218	1.5	6000	48 m
KLM125.300	ZMKLM125.300	125	318	1.5	6000	48 m
KLM125.400	ZMKLM125.400	125	418	1.5	6000	48 m
KLM125.450	ZMKLM125.450	125	468	1.5	6000	48 m
KLM125.500	ZMKLM125.500	125	518	1.5	6000	48 m
KLM125.600	ZMKLM125.600	125	618	1.5	6000	48 m
KLM125.750	ZMKLM125.750	125	768	1.5	6000	48 m
KLM125.800	ZMKLM125.800	125	818	1.5	3000	48 m
KLM125.900	ZMKLM125.900	125	918	1.5	3000	48 m
KLM125.1000	ZMKLM125.1000	125	1018	1.5	3000	48 m

To order: Length 3000 mm

To order: Width 700 - 1200 mm (increments of 100 mm)

KLM125B

Horizontal bend for KLM125



SS



Sendzimir	Defender	↓ mm	↔ mm	Unit
KLM125B150	ZMKLM125B150	125	158	1 pc
KLM125B200	ZMKLM125B200	125	208	1 pc
KLM125B300	ZMKLM125B300	125	308	1 pc
KLM125B400	ZMKLM125B400	125	408	1 pc
KLM125B450	ZMKLM125B450	125	458	1 pc
KLM125B500	ZMKLM125B500	125	508	1 pc
KLM125B600	ZMKLM125B600	125	608	1 pc
KLM125B750	ZMKLM125B750	125	758	1 pc
KLM125B800	ZMKLM125B800	125	808	1 pc
KLM125B900	ZMKLM125B900	125	908	1 pc
KLM125B1000	ZMKLM125B1000	125	1008	1 pc

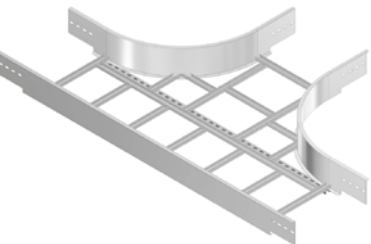
Also available in 45°

KLM125T

T-piece for KLM125



SS



Sendzimir	Defender	↓ mm	↔ mm	Unit
KLM125T150	ZMKLM125T150	125	158	1 pc
KLM125T200	ZMKLM125T200	125	208	1 pc
KLM125T300	ZMKLM125T300	125	308	1 pc
KLM125T400	ZMKLM125T400	125	408	1 pc
KLM125T450	ZMKLM125T450	125	458	1 pc
KLM125T500	ZMKLM125T500	125	508	1 pc
KLM125T600	ZMKLM125T600	125	608	1 pc
KLM125T750	ZMKLM125T750	125	758	1 pc
KLM125T800	ZMKLM125T800	125	808	1 pc
KLM125T900	ZMKLM125T900	125	908	1 pc
KLM125T1000	ZMKLM125T1000	125	1008	1 pc

Cross-over also available

KLM125DSH

Horizontal hinged joiner for KLM125



SS



Sendizmir	Defender	↓ mm	↔ mm	↗ mm	📦	Unit
KLM125DSH	ZMKLM125DSH	96	25	330	2	pc



KLM125DSV

Vertical hinged joiner for KLM125



SS



Sendizmir	Defender	↓ mm	↔ mm	↗ mm	📦	Unit
KLM125DSV	ZMKLM125DSV	96	20	434	2	pc



KLM125KP

Joiner for KLM125



SS



Sendizmir	Defender	↓ mm	↔ mm	↗ mm	📦	Unit
KLM125KP	ZMKLM125KP	97	25	400	6	pc



KLM125AH

Horizontal branch hook for KLM125



SS



Sendizmir	Defender	↓ mm	↔ mm	↗ mm	📦	Unit
KLM125AH	ZMKLM125AH	96	169	125	2	pc



KLM125AHV

Vertical branch hook for KLM125



SS



Sendizmir	Defender	↓ mm	↔ mm	↗ mm	📦	Unit
KLM125AHV	ZMKLM125AHV	96	27	265	2	pc



KBWM125

Cable ladder with floor plate height 125



Sendzimir	↓ mm	↔ mm	→ ← mm	↔ mm	Unit
KBWM125.200	125	218	1.5	6000	48 m
KBWM125.300	125	318	1.5	6000	48 m
KBWM125.400	125	418	1.5	6000	48 m
KBWM125.500	125	518	1.5	6000	48 m
KBWM125.600	125	618	1.5	6000	48 m



KLM125VB

External riser for KLM125



SS



Sendzimir	Defender	↓ mm	↔ mm	Unit
KLM125VB150	ZMKLM125VB150	125	158	1 pc
KLM125VB200	ZMKLM125VB200	125	208	1 pc
KLM125VB300	ZMKLM125VB300	125	308	1 pc
KLM125VB400	ZMKLM125VB400	125	408	1 pc
KLM125VB450	ZMKLM125VB450	125	458	1 pc
KLM125VB500	ZMKLM125VB500	125	508	1 pc
KLM125VB600	ZMKLM125VB600	125	608	1 pc
KLM125VB750	ZMKLM125VB750	125	758	1 pc
KLM125VB800	ZMKLM125VB800	125	808	1 pc
KLM125VB900	ZMKLM125VB900	125	908	1 pc
KLM125VB1000	ZMKLM125VB1000	125	1008	1 pc

Also available in 45°



KLM125SB

Internal riser for KLM125



SS



Sendzimir	Defender	↓ mm	↔ mm	Unit
KLM125SB150	ZMKLM125SB150	125	158	1 pc
KLM125SB200	ZMKLM125SB200	125	208	1 pc
KLM125SB300	ZMKLM125SB300	125	308	1 pc
KLM125SB400	ZMKLM125SB400	125	408	1 pc
KLM125SB450	ZMKLM125SB450	125	458	1 pc
KLM125SB500	ZMKLM125SB500	125	508	1 pc
KLM125SB600	ZMKLM125SB600	125	608	1 pc
KLM125SB750	ZMKLM125SB750	125	758	1 pc
KLM125SB800	ZMKLM125SB800	125	808	1 pc
KLM125SB900	ZMKLM125SB900	125	908	1 pc
KLM125SB1000	ZMKLM125SB1000	125	1008	1 pc

Also available in 45°



DOPKLM125

End cap for KLM125



Reference	↓ mm	Unit
DOPKLM125	125	12 pc



KLMZWAB

Stand-off bracket for KLM/KLZ/KLW



SS



Electro zinc-plated	Defender	↕ mm	↔ mm	↗ mm	📦	Unit
KLMZWAB	ZMKLMZWAB	170	50	61	4	pc



KLMZWBK

Bracket clamp



SS



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
KLMZWBK25	ZMKLMZWBK25	20	25	20	pc
KLMZWBK40	ZMKLMZWBK40	20	40	20	pc



ZMDIG

Industrial cover



SS



Defender	↕ mm	↔ mm	↗ mm	📦	Unit
ZMDIG200	15	223	2000	2	m
ZMDIG300	15	323	2000	2	m
ZMDIG400	15	423	2000	2	m
ZMDIG500	15	523	2000	2	m
ZMDIG600	15	623	2000	2	m



DKIG

Cover clamp



SS



Defender	📦	Unit
ZMDKIG	20	pc



KLZ

Cable ladder height 150



SS



Sendzimir	Defender	↕ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
KLZ200	ZMKLZ200	150	218	2	6000	48	m
KLZ300	ZMKLZ400	150	318	2	6000	48	m
KLZ400	ZMKLZ300	150	418	2	6000	48	m
KLZ500	ZMKLZ500	150	518	2	6000	48	m
KLZ600	ZMKLZ600	150	618	2	6000	48	m
KLZ800	ZMKLZ800	150	818	2	6000	48	m
KLZ1000	ZMKLZ1000	150	1018	2	6000	48	m

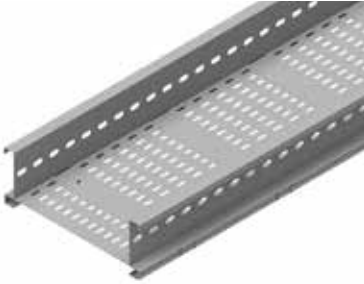
To order: Length 3000 mm

To order: Width 700 - 1200 mm (increments of 100 mm)



KBWZ

Cable ladder with floor plate height 150



Sendzimir	↕ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
KBWZ200	150	218	2	6000	48	m
KBWZ300	150	318	2	6000	48	m
KBWZ400	150	418	2	6000	48	m
KBWZ500	150	518	2	6000	48	m
KBWZ600	150	618	2	6000	48	m



KLZB

Horizontal bend for KLZ



SS



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
KLZB200	ZMKLZB200	150	208	1	pc
KLZB300	ZMKLZB300	150	308	1	pc
KLZB400	ZMKLZB400	150	408	1	pc
KLZB500	ZMKLZB500	150	508	1	pc
KLZB600	ZMKLZB600	150	608	1	pc

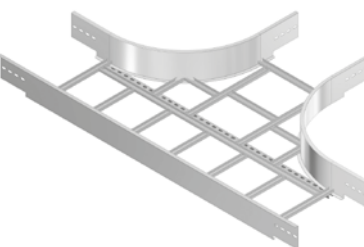


KLZT

T-piece for KLZ



SS



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
-	ZMKLZT150	150	158	1	pc
KLZT200	ZMKLZT200	150	208	1	pc
KLZT300	ZMKLZT300	150	308	1	pc
KLZT400	ZMKLZT400	150	408	1	pc
KLZT500	ZMKLZT500	150	508	1	pc
KLZT600	ZMKLZT600	150	608	1	pc
-	ZMKLZT800	150	808	1	pc
-	ZMKLZT1000	150	1008	1	pc

Cross-over also available

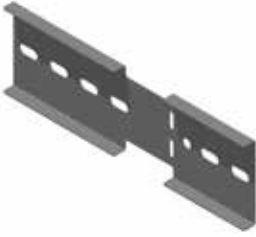


KLZDSH

Horizontal hinged joiner for KLZ



SS



Sendzimir	↕ mm	↔ mm	↔ mm	📦	Unit
KLZDSH	120	25	330	2	pc



KLZDSV

Vertical hinged joiner for KLZ



SS



Sendzimir	↕ mm	↔ mm	↔ mm	📦	Unit
KLZDSV	120	20	434	2	pc



KLZKP

Joiner for KLZ



SS



Sendzimir	↕ mm	↔ mm	↔ mm	📦	Unit
KLZKP	121	25	600	6	pc



KLZAH

Horizontal branch hook for KLZ



SS



Sendzimir	↕ mm	↔ mm	↔ mm	📦	Unit
KLZAH	120	169	150	2	pc



KLZAHV

Vertical branch hook for KLZ



SS



Sendzimir	↕ mm	↔ mm	↔ mm	📦	Unit
KLZAHV	120	27	290	2	pc



KLZVB

External riser for KLZ



SS



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
KLZVB200	ZMKLZVB200	150	208	1	pc
KLZVB300	ZMKLZVB300	150	308	1	pc
KLZVB400	ZMKLZVB400	150	408	1	pc
KLZVB500	ZMKLZVB500	150	508	1	pc
KLZVB600	ZMKLZVB600	150	608	1	pc



KLZSB

Internal riser for KLZ



SS



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
KLZSB200	ZMKLZSB200	150	208	1	pc
KLZSB300	ZMKLZSB300	150	308	1	pc
KLZSB400	ZMKLZSB400	150	408	1	pc
KLZSB500	ZMKLZSB500	150	508	1	pc
KLZSB600	ZMKLZSB600	150	608	1	pc



KLZVS

Reducing plate for KLZ

SS



Sendzimir	Defender	↕ mm	↔ mm	↔ mm	📦	Unit
KLZVS	ZMKLZVS	120	20	500	1	pc



DOPKLZ

End cap for KLZ



Reference	↕ mm	📦	Unit
DOPKLZ	150	12	pc



KLWDSH

Horizontal hinged joiner for KLV



Sendzimir	↓ mm	↔ mm	↔ mm	📦	Unit
KLWDSH	169	25	330	2	pc



KLWDSV

Vertical hinged joiner for KLV

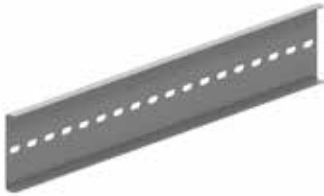


Sendzimir	↓ mm	↔ mm	↔ mm	📦	Unit
KLWDSV	169	20	434	2	pc



KLWKP

Joiner for KLV



Sendzimir	↓ mm	↔ mm	↔ mm	📦	Unit
KLWKP	170	25	900	6	pc



KLWVS

Reducing plate for KLV



Sendzimir	↓ mm	↔ mm	↔ mm	📦	Unit
KLWVS	170	20	500	1	pc



DOPKLW

End cap for KLV



Reference	↓ mm	📦	Unit
DOPKLW	200	12	pc



KLW

Cable ladder height 200



Sendzimir	Defender	↕ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
KLW200	ZMKLW200	200	218	2	6000	36	m
KLW300	ZMKLW300	200	318	2	6000	36	m
KLW400	ZMKLW400	200	418	2	6000	36	m
KLW500	ZMKLW500	200	518	2	6000	36	m
KLW600	ZMKLW600	200	618	2	6000	36	m
KLW800	ZMKLW800	200	818	2	6000	36	m
KLW1000	ZMKLW1000	200	1018	2	6000	36	m

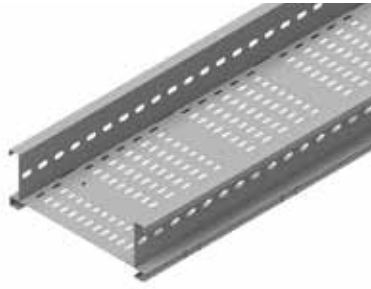
To order: Length 3000 mm

To order: Width 700 - 1200 mm (increments of 100 mm)



KBWW

Cable ladder with floor plate height 200



Sendzimir	↕ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
KBWW200	200	218	2	6000	36	m
KBWW300	200	318	2	6000	36	m
KBWW400	200	418	2	6000	36	m
KBWW500	200	518	2	6000	36	m
KBWW600	200	618	2	6000	36	m



KLWB

Horizontal bend for KLW

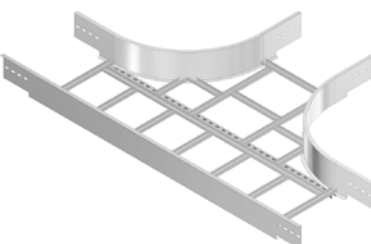


Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
KLWB200	ZMKLWB200	200	208	1	pc
KLWB300	ZMKLWB300	200	308	1	pc
KLWB400	ZMKLWB400	200	408	1	pc
KLWB500	ZMKLWB500	200	508	1	pc
KLWB600	ZMKLWB600	200	608	1	pc



KLWT

T-piece for KLW



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
KLWT200	ZMKLWT200	200	208	1	pc
KLWT300	ZMKLWT300	200	308	1	pc
KLWT400	ZMKLWT400	200	408	1	pc
KLWT500	ZMKLWT500	200	508	1	pc
KLWT600	ZMKLWT600	200	608	1	pc

Cross-over also available



HDKS90

Horizontal bend for HDKS



Hot-dip	↓ mm	↔ mm	📦	Unit
HDKS90.200	60	200	1	pc
HDKS90.300	60	300	1	pc
HDKS90.400	60	400	1	pc
HDKS90.500	60	500	1	pc
HDKS90.600	60	600	1	pc



HDDIB

Industrial cover for bend



Hot-dip	↓ mm	↔ mm	📦	Unit
HDDIB200	20	205	1	pc
HDDIB300	20	305	1	pc
HDDIB400	20	405	1	pc
HDDIB500	20	505	1	pc
HDDIB600	20	605	1	pc



HDKST

T-piece for HDKS



Hot-dip	↓ mm	↔ mm	📦	Unit
HDKST200	60	200	1	pc
HDKST300	60	300	1	pc
HDKST400	60	400	1	pc
HDKST500	60	500	1	pc
HDKST600	60	600	1	pc

Cross-over also available



HDDIT

Cover for T-piece



Hot-dip	↓ mm	↔ mm	📦	Unit
HDDIT200	20	205	1	pc
HDDIT300	20	305	1	pc
HDDIT400	20	405	1	pc
HDDIT500	20	505	1	pc
HDDIT600	20	605	1	pc



HDKS60

Cable ladder



Hot-dip	↓ mm	↔ mm	↗ mm	📦	Unit
HDKS60.200	60	200	6000	60	m
HDKS60.300	60	300	6000	60	m
HDKS60.400	60	400	6000	60	m
HDKS60.500	60	500	6000	60	m
HDKS60.600	60	600	6000	60	m



HDKSR60

Cable ladder tubular rungs

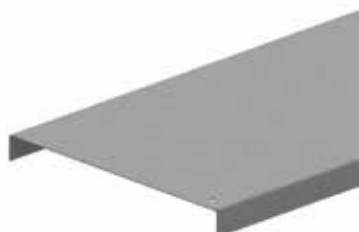


Hot-dip	↓ mm	↔ mm	↗ mm	📦	Unit
HDKSR60.200	60	200	6000	60	m
HDKSR60.300	60	300	6000	60	m
HDKSR60.400	60	400	6000	60	m
HDKSR60.500	60	500	6000	60	m
HDKSR60.600	60	600	6000	60	m



HDDI

Industrial cover



Hot-dip	↓ mm	↔ mm	↗ mm	📦	Unit
HDDI200	20	205	2000	2	m
HDDI300	20	305	2000	2	m
HDDI400	20	405	2000	2	m
HDDI500	20	505	2000	2	m
HDDI600	20	605	2000	2	m



DAVIDKV

Cover clamp for HDKS



Spring steel	📦	Unit
DAVIDKV	20	pc



HDSSU

Joiner for HDKS(R)



Hot-dip	↓ mm	↔ mm	📦	Unit
HDSSU	66	225	10	pc



HDNL

Hinged joiner for HDKS



Hot-dip	↓ mm	📦	Unit
HDNL	66	12	pc



HDDSKSH

Horizontal hinged joiner for HDKS



Hot-dip	↓ mm	📦	Unit
HDDSKSH	65	6	pc



HDKSVSB

Flexible (rising / low) bend for HDKS



Hot-dip	↓ mm	↔ mm	📦	Unit
HDKSVSB200	60	200	1	pc
HDKSVSB300	60	300	1	pc
HDKSVSB400	60	400	1	pc
HDKSVSB500	60	500	1	pc
HDKSVSB600	60	600	1	pc



HDKK

Bracket clamp for HDKS(R)



Hot-dip	↕ mm	↔ mm	📦	Unit
HDKK	58	25	20	pc



HDVK2

Wall distance bracket for HDKS



Hot-dip	↕ mm	↔ mm	📦	Unit
HDVK2	97	40	20	pc



SLOS35

Bolt-in partition for HDKS



Sendzimir	Defender	↕ mm	↔ mm	📦	Unit
SLOS35	ZMSLOS35	28	3000	150	m



HDKLIB

Horizontal bend for HDKLIE



Hot-dip	↓ mm	↔ mm	📦	Unit
HDKLIB200	80	200	1	pc
HDKLIB300	80	300	1	pc
HDKLIB400	80	400	1	pc
HDKLIB500	80	500	1	pc
HDKLIB600	80	600	1	pc



HDDIB

Industrial cover for bend



Hot-dip	↓ mm	↔ mm	📦	Unit
HDDIB200	20	205	1	pc
HDDIB300	20	305	1	pc
HDDIB400	20	405	1	pc
HDDIB500	20	505	1	pc
HDDIB600	20	605	1	pc



HDKLIT

T-piece for HDKLIE



Hot-dip	↓ mm	↔ mm	📦	Unit
HDKLIT200	80	200	1	pc
HDKLIT300	80	300	1	pc
HDKLIT400	80	400	1	pc
HDKLIT500	80	500	1	pc
HDKLIT600	80	600	1	pc

Cross-over also available



DOPKLIE

End cap for HDKLIE



Reference	↓ mm	📦	Unit
DOPKLIE	80	20	pc



HDKLIE

Industrial cable ladder



Hot-dip	↓ mm	↔ mm	↗ mm	📦	Unit
HDKLIE200	80	200	6000	60	m
HDKLIE300	80	300	6000	60	m
HDKLIE400	80	400	6000	60	m
HDKLIE500	80	500	6000	60	m
HDKLIE600	80	600	6000	60	m



BP

Floor plate



Sendzimir	↓ mm	↔ mm	↗ mm	📦	Unit
BP200	25	141	3000	3	m
BP300	25	241	3000	3	m
BP400	25	341	3000	3	m
BP500	25	441	3000	3	m
BP600	25	541	3000	3	m



HDDI

Industrial cover



Hot-dip	↓ mm	↔ mm	↗ mm	📦	Unit
HDDI200	20	205	2000	2	m
HDDI300	20	305	2000	2	m
HDDI400	20	405	2000	2	m
HDDI500	20	505	2000	2	m
HDDI600	20	605	2000	2	m



Attach with



DKI

Cover clamp for HDKLIE

Sendzimir	📦	Unit
DKI	20	pc



SLOS35

Bolt-in partition for HDKLIE



SS



Sendzimir	Defender	↓ mm	↗ mm	📦	Unit
SLOS35	ZMSLOS35	28	3000	150	m



HDABIE

Wall support for HDKLIE



Hot-dip	↓ mm	↔ mm	📦	Unit
HDABIE200	87	200	25	pc
HDABIE300	87	300	25	pc
HDABIE400	87	400	25	pc
HDABIE500	87	500	25	pc
HDABIE600	87	600	25	pc



HDVSIE

Floor support for HDKLIE



Hot-dip	↓ mm	↔ mm	📦	Unit
HDVSIE	115	88	6	pc



HDBKIE25

Bracket clamp for HDKLIE



Hot-dip	↓ mm	↔ mm	📦	Unit
HDBKIE25	83	25	20	pc



HDBKIE40

Bracket clamp for HDKLIE



Hot-dip	↓ mm	↔ mm	📦	Unit
HDBKIE40	83	40	20	pc



HDBKID25

Bracket clamp SLOS for HDKLIE



Hot-Dip	📦	Unit
HDBKID25	20	pc



HDLVIE

Joiner for HDKLIE



Hot-dip	↕ mm	↔ mm	📦	Unit
HDLVIE	88	220	10	pc



HDAHIE

Branch off bracket for HDKLIE



Hot-dip	↕ mm	↔ mm	📦	Unit
HDAHIE	95	40	10	pc



HDDSIV

Vertical hinged joiner for HDKLIE



Hot-dip	↕ mm	📦	Unit
HDDSIV	90	4	pc



HDDSIH

Horizontal hinged joiner for HDKLIE



Hot-dip	↕ mm	📦	Unit
HDDSIH	90	6	pc



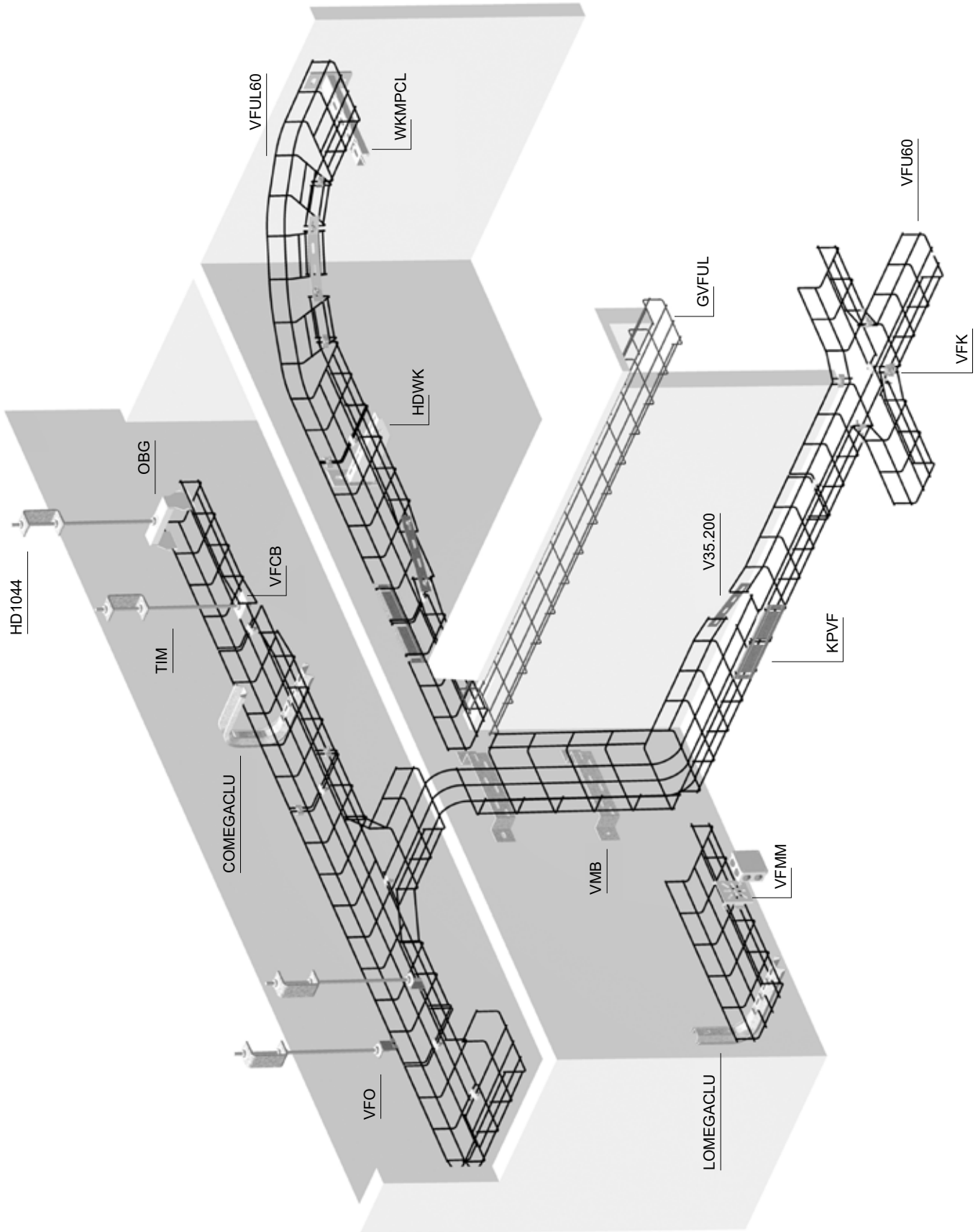


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Wire tray

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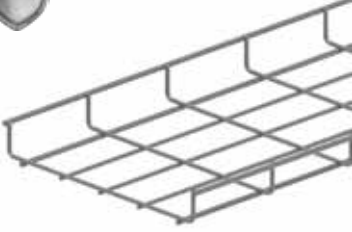
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VFU

Wire cable tray for heavy duty



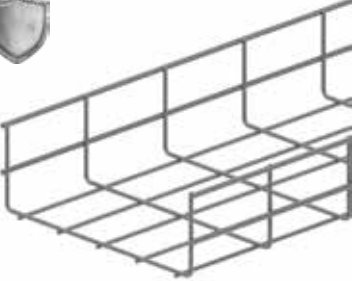
Sendzimir	Defender	↓ mm	↔ mm	↔ mm	📦	Unit
VFU35.150	ZAVFU35.150	35	150	3000	15	m
VFU35.250	ZAVFU35.250	35	250	3000	30	m
VFU35.350	ZAVFU35.350	35	350	3000	30	m
VFU35.450	ZAVFU35.450	35	450	3000	30	m
VFU35.550	ZAVFU35.550	35	550	3000	30	m



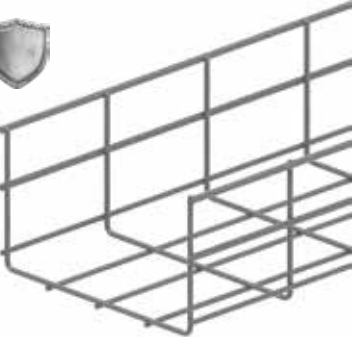
SS



Sendzimir	Defender	↓ mm	↔ mm	↔ mm	📦	Unit
VFU60.100	ZAVFU60.100	60	100	3000	30	m
VFU60.200	ZAVFU60.200	60	200	3000	30	m
VFU60.300	ZAVFU60.300	60	300	3000	30	m
VFU60.400	ZAVFU60.400	60	400	3000	30	m
VFU60.500	ZAVFU60.500	60	500	3000	30	m
VFU60.600	ZAVFU60.600	60	600	3000	30	m



Sendzimir	Defender	↓ mm	↔ mm	↔ mm	📦	Unit
VFU85.150	ZAVFU85.150	85	150	3000	30	m
VFU85.250	ZAVFU85.250	85	250	3000	30	m
VFU85.350	ZAVFU85.350	85	350	3000	30	m
VFU85.450	ZAVFU85.450	85	450	3000	30	m

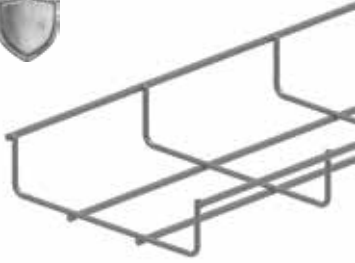


Sendzimir	Defender	↓ mm	↔ mm	↔ mm	📦	Unit
VFU110.200	ZAVFU110.200	110	200	3000	30	m
VFU110.300	ZAVFU110.300	110	300	3000	30	m
VFU110.400	ZAVFU110.400	110	400	3000	30	m



VFUL

Wire cable tray



Sendzimir	Defender	↓ mm	↔ mm	↔ mm	📦	Unit
VFUL30.065	ZAVFUL30.065	30	65	3000	15	m
VFUL35.100	ZAVFUL35.100	35	95	3000	30	m
VFUL35.150	ZAVFUL35.150	35	146	3000	30	m
VFUL35.200	ZAVFUL35.200	35	196	3000	30	m
VFUL35.250	ZAVFUL35.250	35	245	3000	30	m
VFUL35.350	ZAVFUL35.350	35	345	3000	30	m



Sendzimir	Defender	↓ mm	↔ mm	↔ mm	📦	Unit
VFUL60.050	ZAVFUL60.050	60	50	3000	30	m
VFUL60.100	ZAVFUL60.100	60	100	3000	30	m
VFUL60.150	ZAVFUL60.150	60	146	3000	30	m
VFUL60.200	ZAVFUL60.200	60	197	3000	30	m
VFUL60.300	ZAVFUL60.300	60	297	3000	30	m



GVFUL

G-shaped wire cable tray



Sendzimir	↓ mm	↔ mm	↔ mm	📦	Unit
GVFUL55.100	55	91	3000	30	m
GVFUL60.150	64	154	3000	30	m
GVFUL100.100	102	109	3000	30	m
GVFUL100.150	105	160	3000	30	m



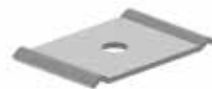
Designed for easy installation on the ceiling, attach with VFCB



VFCB

Fixing clips for VFU(L)

Sendzimir	Defender	📦	Unit
VFCB	ZMVFCB	60	pc



VFUL60

KPVF

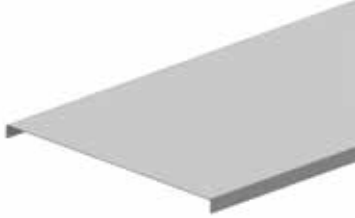
VFKK25

D

Universal cover



SS



Sendzimir	Defender	↓ mm	↔ mm	↔ mm	📦	Unit
D050	ZMD050	10	50	3000	30	m
D075	ZMD075	10	75	2000	20	m
D100	ZMD100	10	100	2000	20	m
D100.3	-	10	100	3000	20	m
D150	ZMD150	10	150	2000	20	m
D200	ZMD200	10	200	2000	20	m
D200.3	-	10	200	3000	20	m
D250	ZMD250	10	250	2000	20	m
D300	ZMD300	10	300	2000	20	m
D400	ZMD400	10	400	2000	20	m
D500	ZMD500	10	500	2000	20	m
D600	ZMD600	10	600	2000	20	m



DCLVF

Cover clamp clips

SS



Stainless steel		📦	Unit
DCLVF	For VFU(L)60, VFU85 and VFU110	100	pc
DCLVF35	For VFU(L)35	100	pc



SLOS

Bolt-in partition



SS



Sendzimir	Defender	↓ mm	↔ mm	📦	Unit
SLOS35	ZMSLOS35	28	3000	150	m
SLOS60	ZMSLOS60	53	3000	120	m
SLOS60.2000	-	53	2000	120	m
SLOS85	ZMSLOS85	78	3000	60	m
SLOS110	ZMSLOS110	103	3000	30	m



VFSLOSCL

Clips for fixing SLOS to VFU(L)



Spring steel	📦	Unit
VFSLOSCL	100	pc



VFCL

Fixing clips for VFU(L)



Electro zinc-plated		Unit
VFCL	100	pc



VFCB

Fixing clips for VFU(L)



SS



Sendzimir	Defender		Unit
VFCB	ZMVFCB	60	pc



OBGVF

Open C-suspension bracket for VFU(L)



Sendzimir	↓ mm	↔ mm		Unit
OBGVF050	135	55	12	pc
OBGVF100	135	102	12	pc



VFVLB

Floor bracket for VFU(L)

SS



Stainless steel		Unit
VFVLB	20	pc



BGVF

External suspension bracket for VFU(L)



Sendzimir	↓ mm	↔ mm	daN		Unit
BGVF050	51	53	70	12	pc
BGVF100	51	102	70	24	pc



VFO

Suspension piece for VFU(L)

SS



Sendzimir	Unit
VFO	20 pc



VFM

Wall bracket for VFU(L)

SS



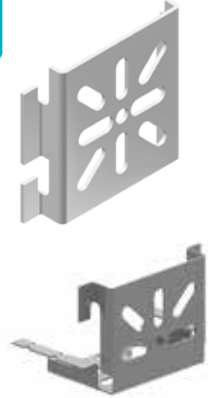
Sendzimir	Unit
VFM	20 pc



VFMM

Wall and mounting bracket for VFU(L)

SS



Sendzimir		mm	Unit
VFMM	For VFU(L)60, VFU85, VFU110	75	12 pc
VFMM35	For VFU(L)35	57	12 pc



ZCL

Z-support clipable



Sendzimir	↓ mm	↔ mm	↔ mm	daN	Unit
ZCL100	14	60	180	150	12 pc
ZCL150	14	60	230	150	12 pc
ZCL200	14	60	280	120	12 pc
ZCL300	14	60	380	105	12 pc
ZCL400	14	60	480	90	12 pc
ZCL500	14	60	580	80	12 pc
ZCL600	14	60	680	65	12 pc



MPVFCL

Profile for VFU(L)



Sendzimir	↓ mm	↔ mm	↔ mm	Unit
MPVFCL3000	27	55	3000	30 m



KPVF

Snap-on joiner for VFU(L)



SS



Sendzimir	Defender	↓ mm	↔ mm	Unit
KPVF	ZMKPVF	51	248	30 pc



KPVFL35

Snap quick-joiner for VFU(L)35

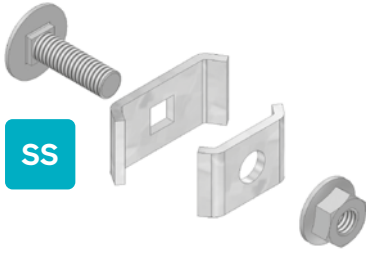


Sendzimir	Defender	↓ mm	↔ mm	Unit
KPVFL35	ZMKPVFL35	45	248	30 pc



VFK

Joining clamp

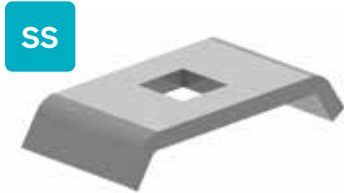


Sendzimir	↔ mm	Unit
VFK	100	pc



VFKG30

Joining clamp for VFU(L)

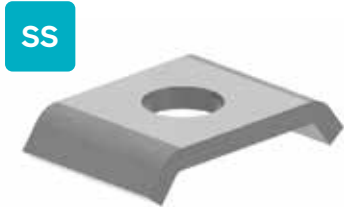


Sendzimir	↔ mm	Unit
VFKG30	30	100 pc



VFKK25

Joining clamp for VFU(L)

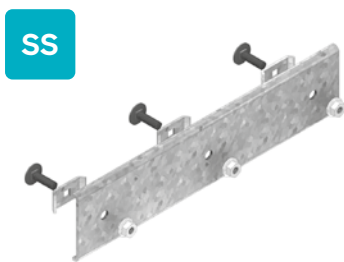


Sendzimir	↔ mm	Unit
VFKK25	25	100 pc



VFKS

Support joiner for VFU(L)



Sendzimir	↕ mm	↔ mm	Unit
VFKS	55	250	20 pc





HDUKPIM

HDVS41.46

KBSCCL60



Calculations

Cable load

Formula

Cable weight per meter (daN) =
useful cross-section of the cable support system (mm²) x [0,0025 daN/(m x mm²)]

Example 1

Cable tray KBSCL60.300.125

Useful width = 300 mm

Useful height = 60 mm

Useful cross-section = 300 mm x 60 mm = 18000 mm²

Cable weight / meter = 18000 mm² x [0,0025 daN/(m x mm²)] = 45 daN/m

Example 2

Cable ladder KLM125.400

Useful inner width = 356 mm

Useful inner height = 102 mm

Useful cross-section = 356 mm x 102 mm = 36312 mm²

Cable weight / meter = 36312 mm² x [0,0025 daN/(m x mm²)] = 90,8 daN/m

Weight per support

Formula

Weight per support (daN) =
(cable load / meter + weight of the cable support system / meter) x support distance

Example 1

Cable tray KBSCL60.300.125 mounted on WKS300. What is the maximum support or span distance?

Calculated max cable load = 45 daN/m

Weight cable tray KBSCL60.300.125 = 3,7 daN/m

Max load support WKS300 = 130 daN

$(45 + 3,7) \times \text{support distance} = 130$

$130 / (45 + 3,7) = 2,7 \text{ m}$

Example 2

Cable ladder KLM400 with support distance of 4 m. Which support should we use?

Calculated max cable load = 90,8 daN/m

Weight cable ladder KLM400 = 6,64 daN/m

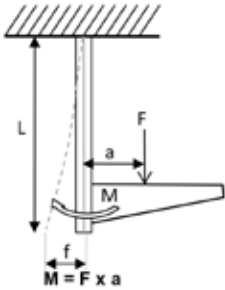
$(90,8 \text{ daN/m} + 6,64 \text{ daN/m}) \times 4 \text{ m} = 389,8 \text{ daN/m}$

The maximum load values for support shows that a HDWKML400 is a good choice, as this bracket can carry a maximum of 400 daN

Calculations

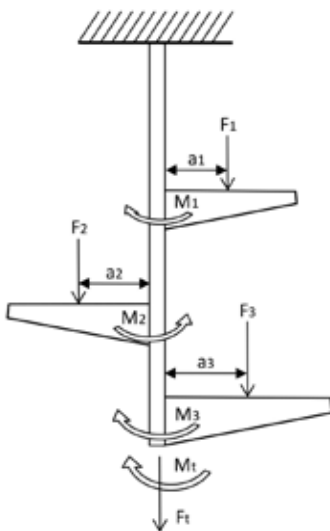
Load capacity of ceiling profiles

Ceiling profiles Load capacity



F = Load of force onto the bracket
 a = Distance from the load to the center of the ceiling profile (m)
 L = Length of the ceiling profile
 M = Moment (Nm) = $F \times a$
 f = Deflection of the ceiling profile (mm)
 Maximum permissible deflection = $L/20$ or 5% of the length

Multiple loads



$F_t = F_1 + F_2 + F_3$
 Total Load = sum of all loads

$M_t = (M_1 + M_3) - M_2 = [(F_1 \times a_1) + (F_3 \times a_3)] - (F_2 \times a_2)$
 Total moment = sum of all moments to the left - sum of all moments to the right

The following two conditions should always be met:

Condition 1:
 Total Moment (M_t) $\leq$ Max. Moment of the ceiling profile
 (M (Nm))

Condition 2
 Total load or force (F_t) $\leq$ Max. load of the ceiling profile
 (daN)

Note:
 When symmetrical load is perfect, $M_t = 0$.
 In that case, only the second condition is valid

HDMBZ

Welded bracket



Hot-dip	↓ mm	↔ mm	▲ daN	📦	Unit
HDMBZ075	120	104	500	6	pc
HDMBZ100	120	125	350	6	pc
HDMBZ150	120	175	275	6	pc
HDMBZ200	120	233	200	6	pc



HDH KI

Welded clamping bracket



Hot-dip	↓ mm	↔ mm	▲ daN	📦	Unit
HDH KI100	90	117	300	24	pc
HDH KI150	90	167	300	24	pc
HDH KI200	90	217	300	24	pc
HDH KI250	100	267	330	12	pc
HDH KI300	100	317	330	12	pc
HDH KI400	117	417	310	12	pc
HDH KI500	117	517	310	6	pc
HDH KI600	117	617	300	6	pc



HDH KIZ

Extra heavy duty welded clamping bracket



Hot-dip	↓ mm	↔ mm	▲ daN	📦	Unit
HDH KIZ300	175	325	900	1	pc
HDH KIZ400	200	425	910	1	pc
HDH KIZ500	230	525	920	1	pc
HDH KIZ600	260	625	930	1	pc



CCLI

Bracket for wall, ceiling and cable



Sendzimir	↓ mm	↔ mm	▲ daN wall	▲ daN ceiling	📦	Unit
CCLI100	213	100	80	65	6	pc
CCLI150	215	150	60	45	6	pc
CCLI200	218	200	120	110	6	pc
CCLI300	224	300	130	80	6	pc
CCLI400	229	400	100	60	6	pc



HDWKM

Heavy welded bracket



Hot-dip		↓ mm	↔ mm	▲ daN	📦	Unit
HDWKM100	✓	125	125	600	12	pc
HDWKM200	✓	134	225	620	12	pc
HDWKM300	✓	175	325	750	6	pc
HDWKM400	✓	175	425	750	6	pc
HDWKM500	-	175	525	700	1	pc
HDWKM600	-	175	625	580	1	pc
HDWKM800	-	175	825	320	1	pc
HDWKM1000	-	175	1025	250	1	pc



HDWKML

Welded bracket

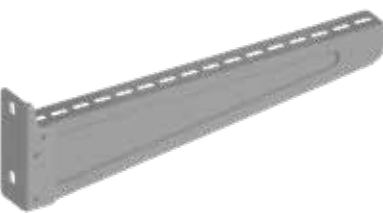


Hot-dip	↓ mm	↔ mm	▲ daN	📦	Unit
HDWKML100	106	117	295	12	pc
HDWKML200	116	217	338	12	pc
HDWKML300	125	317	325	12	pc
HDWKML400	134	417	400	6	pc
HDWKML500	142	517	355	6	pc
HDWKML600	150	617	310	6	pc



WKST

Clinched bracket



Sendzimir	↓ mm	↔ mm	▲ daN	📦	Unit
WKST100	99	117	130	12	pc
WKST200	99	217	130	12	pc
WKST300	119	317	130	12	pc
WKST400	119	417	130	6	pc
WKST500	119	522	150	6	pc
WKST600	119	622	150	6	pc



WSUN

Universal support bracket



Sendzimir	Defender	↓ mm	↔ mm	▲ daN	📦	Unit
WSUN100	ZMWSUN100	53	117	120	12	pc
WSUN200	ZMWSUN200	69	217	120	12	pc
WSUN300	ZMWSUN300	81	317	120	12	pc
WSUN400	ZMWSUN400	93	417	120	6	pc



LOMEGACLU150

Wall bracket universal



Sendzimir		↓ mm	↔ mm	⚖ daN	📦	Unit
LOMEGACLU150.100	-	145	155	110	12	pc
LOMEGACLU150.150	-	145	185	100	12	pc
LOMEGACLU150.200	✓	145	235	90	12	pc
LOMEGACLU150.250	✓	145	285	80	12	pc
LOMEGACLU150.300	✓	145	335	70	12	pc
LOMEGACLU150.400	✓	145	435	50	6	pc
LOMEGACLU150.500	-	145	535	40	6	pc
LOMEGACLU150.600	-	145	635	30	6	pc



COMEGACLU170

Open suspension bracket universal



Sendzimir	↓ mm	↔ mm	⚖ daN	📦	Unit
COMEGACLU170.150	175	194	60	12	pc
COMEGACLU170.200	175	244	60	12	pc
COMEGACLU170.300	175	344	50	6	pc
COMEGACLU170.400	175	444	40	6	pc



COMEGACLU290

Open suspension bracket universal



Sendzimir		↓ mm	↔ mm	⚖ daN	📦	Unit
COMEGACLU290.100	-	290	145	70	12	pc
COMEGACLU290.150	-	290	194	60	12	pc
COMEGACLU290.200	✓	290	244	60	12	pc
COMEGACLU290.250	✓	290	294	50	6	pc
COMEGACLU290.300	✓	290	344	50	6	pc
COMEGACLU290.400	✓	290	444	40	6	pc



VOMEGA

Joining piece



Sendzimir	📦	Unit
VOMEGA	24	pc



OBZ 130

Open suspension bracket



Electro zinc-plated	↓ mm	↔ mm	⚖ daN	📦	Unit
OBZ130.075	132	102	80	12	pc
OBZ130.100	132	125	40	12	pc
OBZ130.150	132	177	50	12	pc
OBZ130.200	132	227	30	12	pc
OBZ130.250	132	281	50	6	pc
OBZ130.300	132	331	40	6	pc
OBZ130.400	132	431	30	6	pc



OBZ 180

Open suspension bracket



Electro zinc-plated	↓ mm	↔ mm	⚖ daN	📦	Unit
OBZ180.075	182	102	50	12	pc
OBZ180.100	182	125	30	12	pc
OBZ180.150	182	177	30	12	pc
OBZ180.200	182	227	30	12	pc
OBZ180.250	182	281	40	6	pc
OBZ180.300	182	331	40	6	pc
OBZ180.400	182	431	20	6	pc



VMB

Floor and wall bracket



SS

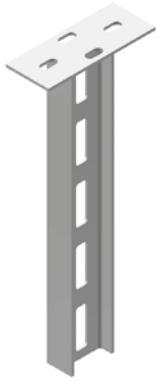


Sendzimir	Defender	↓ mm	↔ mm	⚖ daN	📦	Unit
VMB100	ZMVMB100	40	100	200	12	pc
VMB150	ZMVMB150	40	150	200	12	pc
VMB200	ZMVMB200	40	200	200	12	pc
VMB300	ZMVMB300	40	300	200	12	pc
VMB400	ZMVMB400	40	400	200	6	pc
VMB500	ZMVMB500	40	500	200	6	pc
VMB600	ZMVMB600	40	600	200	6	pc



HDHSIZ

Heavy ceiling profile



Hot-dip	↓ mm	↔ mm	M (Nm)	▲ daN	📦	Unit
HDHSIZ200	200	42	2150	2940	25	pc
HDHSIZ400	400	42	2150	2940	1	pc
HDHSIZ500	500	42	2150	2940	1	pc
HDHSIZ600	600	42	2150	2940	1	pc
HDHSIZ800	800	42	2150	2940	1	pc
HDHSIZ1000	1000	42	2150	2940	1	pc
HDHSIZ1200	1200	42	2150	2940	1	pc
HDHSIZ1500	1500	42	2150	2940	1	pc
HDHSIZ1800	1800	42	2150	2940	1	pc
HDHSIZ2000	2000	42	2150	2940	1	pc



HDHSLDCL

Double ceiling profile



Hot-dip	↓ mm	↔ mm	M (Nm)	▲ daN	📦	Unit
HDHSLDCL200	210	21	380	1800	20	pc
HDHSLDCL300	300	21	380	1800	1	pc
HDHSLDCL400	420	21	380	1800	1	pc
HDHSLDCL500	510	21	380	1800	1	pc
HDHSLDCL600	600	21	380	1800	1	pc
HDHSLDCL800	810	21	380	1800	1	pc
HDHSLDCL1000	1020	21	380	1800	1	pc
HDHSLDCL1200	1200	21	380	1800	1	pc



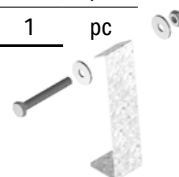
HDHSMU50

Ceiling profile medium heavy



Hot-dip	🔥	↓ mm	↔ mm	M (Nm)	▲ daN	📦	Unit
HDHSMU50.200	✓	200	50	430	2100	20	pc
HDHSMU50.300	✓	300	50	430	2100	1	pc
HDHSMU50.400	✓	400	50	430	2100	1	pc
HDHSMU50.500	✓	500	50	430	2100	1	pc
HDHSMU50.600	✓	600	50	430	2100	1	pc
HDHSMU50.800	✓	800	50	430	2100	1	pc
HDHSMU50.1000	✓	1000	50	430	2100	1	pc
HDHSMU50.1200	✓	1200	50	430	2100	1	pc
HDHSMU50.1500	✓	1500	50	430	2100	1	pc

Use with DOPHSMU and HDTSU50, Spacer for HDHSMU50



HSMES

Single ceiling profile



Electro zinc-plated		↓ mm	↔ mm	M (Nm)	daN	Unit
HSMES200	✓	200	41	480	1800	20 pc
HSMES300	✓	300	41	480	1800	1 pc
HSMES400	✓	400	41	480	1800	1 pc
HSMES500	✓	500	41	480	1800	1 pc
HSMES600	✓	600	41	480	1800	1 pc
HSMES800	✓	800	41	480	1800	1 pc
HSMES1000	✓	1000	41	480	1800	1 pc
HSMES1200	-	1200	41	480	1800	1 pc
HSMES1500	-	1500	41	480	1800	1 pc

Use with DOP41.41



HDHSLECL

Single ceiling profile clippable



Hot-dip		↓ mm	↔ mm	M (Nm)	daN	Unit
HDHSLECL200	✓	210	21	130	1000	25 pc
HDHSLECL300	✓	300	21	130	1000	1 pc
HDHSLECL400	✓	420	21	130	1000	1 pc
HDHSLECL500	✓	510	21	130	1000	1 pc
HDHSLECL600	✓	600	21	130	1000	1 pc
HDHSLECL800	✓	810	21	130	1000	1 pc
HDHSLECL1000	✓	1020	21	130	1000	1 pc
HDHSLECL1200	✓	1200	21	130	1000	1 pc

Use with DOP41.21



HSMD

Double ceiling profile



Electro zinc-plated	↓ mm	M (Nm)	daN	Unit
HSMD200	200	1600	3500	15 pc
HSMD300	300	1600	3500	1 pc
HSMD400	400	1600	3500	1 pc
HSMD500	500	1600	3500	1 pc
HSMD600	600	1600	3500	1 pc
Hot-dip				
HDHSMD800	800	1600	3500	1 pc
HDHSMD1000	1000	1600	3500	1 pc
HDHSMD1200	1200	1600	3500	1 pc
HDHSMD1500	1500	1600	3500	1 pc

Use with DOP41.82



HDSKP

Adjustable head plate



Sendizmir	↔ mm	↔ mm	⚖ daN	📦	Unit
HDSKP	120	120	1200	12	pc



SKPD

Adjustable head plate double



Sendizmir	↕ mm	↔ mm	↔ mm	📦	Unit
SKPD41	92	46	135	12	pc



SKPE

Adjustable head plate single

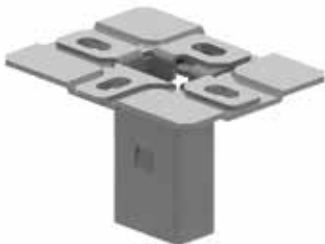


Sendizmir	↕ mm	↔ mm	↔ mm	📦	Unit
SKPE41	92	40	135	12	pc



KPCL

Clippable headplate



Sendizmir	↕ mm	↔ mm	⚖ daN	📦	Unit
KPCL41.21	84	130	300	10	pc



VM

Toothed round head bolt / flange nut

SS



Electro zinc-plated	→ ← mm	↔ mm	Unit
VM4.40	M4	40	100 pc
VM6.10	M6	10	100 pc
VM6.20	M6	20	100 pc
VM6.50	M6	50	100 pc
VM8.16	M8	16	100 pc
VM10.50	M10	50	100 pc



RB

Toothed round head bolt

SS



Electro zinc-plated	→ ← mm	↔ mm	Unit
RB6.10	M6	10	100 pc
RB6.20	M6	20	100 pc



RBK

Round head square neck bolt (DIN 603)



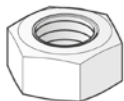
Electro zinc-plated	→ ← mm	↔ mm	Unit
RBK6.10	M6	10	100 pc
RBK6.20	M6	20	100 pc
RBK12.20	M12	20	100 pc
Hot-dip			
HDRBK8.30	M8	30	100 pc



M

Nut (DIN 934)

SS

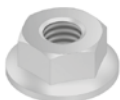


Electro zinc-plated	→ ← mm	Unit
M6	M6	100 pc
M8	M8	100 pc
M10	M10	100 pc
M12	M12	100 pc



RM

Flange nut (DIN 6923)

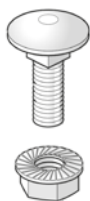


Electro zinc-plated	→ ← mm	Unit
RM6	M6	100 pc
RM8	M8	100 pc
RM10	M10	100 pc
RM12	M12	100 pc



VMK

Round head square neck bolt



Electro zinc-plated	→ ← mm	↔ mm	📦	Unit
VMK6.10	M6	10	100	pc
VMK8.15	M8	15	100	pc
VMK12.20	M12	20	100	pc



CRO

Flat giant washer (DIN 9021)



Electro zinc-plated	→ ← mm	📦	Unit
CRO6	M6	100	pc
CRO8	M8	100	pc
CRO10	M10	100	pc
CRO12	M12	100	pc



RO

Giant washer (DIN 125-1 A)



Electro zinc-plated	→ ← mm	📦	Unit
RO4	M4	100	pc
RO6	M6	100	pc
RO8	M8	100	pc
RO10	M10	100	pc
RO12	M12	100	pc



ROTD

Vibration damping washer

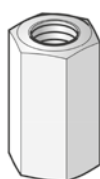


Reference	⬆ mm	↔ mm	→ ← mm	📦	Unit
ROTD8	9	32	12	12	pc



VM6334

Coupling nut (DIN 6334)



Electro zinc-plated	→ ← mm	📦	Unit
VM6	M6	50	pc
VM8	M8	50	pc
VM10	M10	50	pc
VM12	M12	50	pc



TIM

Threaded rod (DIN 976) - Strength class 4.8

SS

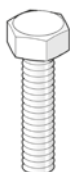


Electro zinc-plated	→ ← mm	↔ mm	Unit
TIM6	M6	2000	100 m
TIM8	M8	2000	50 m
TIM10	M10	2000	50 m
TIM12	M12	2000	30 m



B

Bolt (DIN 933)



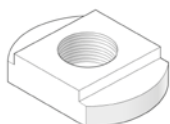
Electro zinc-plated	→ ← mm	↔ mm	Unit
B6.20	M6	20	100 pc
B6.30	M6	30	100 pc
B8.20	M8	20	100 pc
B8.30	M8	30	100 pc
B8.40	M8	40	100 pc
B8.50	M8	50	100 pc
B8.70	M8	70	100 pc
B10.20	M10	20	100 pc
B10.30	M10	30	100 pc
B10.40	M10	40	100 pc
B10.80	M10	80	100 pc
B12.20	M12	20	100 pc
B12.30	M12	30	100 pc
B12.40	M12	40	100 pc
B12.50	M12	50	100 pc



GM

Sliding nut for supporting profile

SS



Electro zinc-plated	→ ← mm	Unit
GM6	M6	50 pc
GM8	M8	50 pc



ZASPRAY

Galvaspray 400 ml



Reference	Unit
ZASPRAY30	12 pc



U24

U-profile



Sendzimir	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
U24.125	24	24	1,25	3000	3	m



U48

U-profile



Sendzimir	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
U48.125	24	24	1,25	3000	3	m



Z25

Z-profile

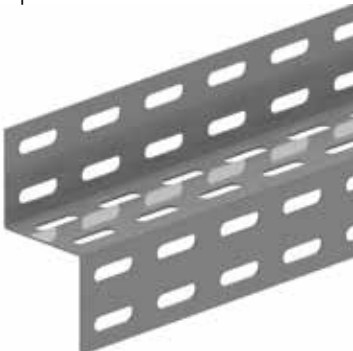


Sendzimir	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
Z25.25.25.125	50	25	1,25	3000	3	m



Z50

Z-profile



Sendzimir	↓ mm	↔ mm	→ ← mm	↔ mm	📦	Unit
Z50.50.50.125	100	50	1,25	3000	3	m



L25

L-profile



Sendzimir	↓ mm	↔ mm	→ ← mm	↵ mm	📦	Unit
L25.125	25	25	1,25	3000	3	m
L25.200	25	25	2	3000	3	m



L25.50

L-profile



Sendzimir	↓ mm	↔ mm	→ ← mm	↵ mm	📦	Unit
L25.50.125	25	50	1,25	3000	3	m
L25.50.200	25	50	2	3000	3	m



L50.50

L-profile



Sendzimir	↓ mm	↔ mm	→ ← mm	↵ mm	📦	Unit
L50.50.125	50	50	1,25	3000	3	m
L50.50.200	50	50	2	3000	3	m



MPCL41.21

Clippable assembly profile



Sendzimir	🔥	↓ mm	↔ mm	→ ← mm	↵ mm	📦	Unit
MPCL41.21.150.200	✓	41	21	1.5	210	10	pc
MPCL41.21.150.300	✓	41	21	1.5	300	10	pc
MPCL41.21.150.400	✓	41	21	1.5	420	10	pc
MPCL41.21.150.500	✓	41	21	1.5	510	10	pc
MPCL41.21.150.600	-	41	21	1.5	600	10	pc
MPCL41.21.150.800	-	41	21	1.5	810	10	pc
MPCL41.21.150.3	-	41	21	1.5	3000	3	m



OBG

Upper bracket



Sendzimir	↓ mm	↔ mm	⚖ daN	📦	Unit
OBG050	64	55	200	12	pc
OBG075	64	80	200	12	pc
OBG100	64	105	200	12	pc
OBG150	64	155	200	12	pc
OBG200	64	205	200	12	pc
OBG250	64	255	150	12	pc
OBG300	64	305	150	6	pc
OBG400	64	405	90	6	pc



BG

Inside bracket

SS



Sendzimir	🔥	↓ mm	↔ mm	⚖ daN	📦	Unit
BG60.075	✓	54	70	200	12	pc
BG60.100	✓	54	95	200	12	pc
BG60.150	✓	54	145	200	12	pc
BG60.200	✓	54	195	150	12	pc
BG60.250	-	54	245	120	12	pc
BG60.300	-	54	295	90	6	pc
BG60.400	-	54	395	30	6	pc



DR15.30

Supporting profile

SS

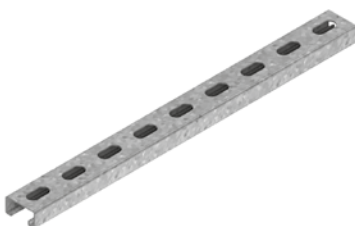


Sendzimir	🔥	↓ mm	↔ mm	↔ mm	📦	Unit
DR100	✓	15	30	100	10	pc
DR150	✓	15	30	150	10	pc
DR200	✓	15	30	200	10	pc
DR250	✓	15	30	250	10	pc
DR300	✓	15	30	300	10	pc
DR350	✓	15	30	350	10	pc
DR15.30.2000	✓	15	30	2000	40	m



DR21.41

Supporting profile



Sendzimir	↓ mm	↔ mm	↔ mm	📦	Unit
DR450	21	41	450	6	pc
DR550	21	41	550	6	pc
DR650	21	41	650	6	pc



FL

Fixing clamp for threaded rod



Electro zinc-plated	→ ← mm	daN	Clamping Range	Unit	Unit
FL1	M8	250	0-22 mm	50	pc
FL2	M10	250	0-19 mm	50	pc
FL3	M12	350	5-25 mm	50	pc



PBR

Adjustable ceiling bracket



Sendzimir	Unit	Unit
PBR	20	pc



SDBG

Steeldeck bracket



Sendzimir	Unit	Unit
SDBG	20	pc



CS45SH

Wire suspension with snap hook



Sendzimir	↔ mm	▲ daN	📦	Unit
CS45SH1	1000	45	10	pc
CS45SH2	2000	45	10	pc
CS45SH3	3000	45	10	pc
CS45SH4	4000	45	10	pc
CS45SH5	5000	45	10	pc
CS45SH10	10000	45	10	pc



CS45SHY

Wire suspension Y-split with hooks



Sendzimir	↔ mm	▲ daN	📦	Unit
CS45SH150Y1	150	45	10	pc
CS45SH150Y2	150	45	10	pc
CS45SH150Y3	150	45	10	pc
CS45SH300Y1	300	45	10	pc
CS45SH300Y2	300	45	10	pc
CS45SH300Y3	300	45	10	pc
CS45SH500Y1	500	45	10	pc
CS45SH500Y2	500	45	10	pc
CS45SH500Y3	500	45	10	pc
CS45SH800Y1	800	45	10	pc
CS45SH800Y2	800	45	10	pc
CS45SH800Y3	800	45	10	pc



CS45SHYA

Wire suspension Y-split with hooks



Sendzimir	↔ mm	▲ daN	📦	Unit
CS45SH150YA	150	45	10	pc
CS45SH300YA	300	45	10	pc
CS45SH500YA	500	45	10	pc
CS45SH800YA	800	45	10	pc



CSL

Wire suspension lock



Aluminium	daN	Unit
CSL45	45	10 pc
CSL90	90	10 pc



CS45LP

Wire suspension with loop



Sendzimir	mm	daN	Unit
CS45LP1	1000	45	10 pc
CS45LP2	2000	45	10 pc
CS45LP3	3000	45	10 pc
CS45LP4	4000	45	10 pc
CS45LP5	5000	45	10 pc
CS45LP10	10000	45	10 pc



CS45M6

Wire suspension with stud bolt M6



Sendzimir	mm	daN	Unit
CS45M61	1000	45	10 pc
CS45M62	2000	45	10 pc
CS45M63	3000	45	10 pc
CS45M64	4000	45	10 pc
CS45M65	5000	45	10 pc
CS45M610	10000	45	10 pc



CS45TG

Wire suspension with toggle



Sendzimir	mm	daN	Unit
CS45TG1	1000	45	10 pc
CS45TG2	2000	45	10 pc
CS45TG3	3000	45	10 pc
CS45TG4	4000	45	10 pc
CS45TG5	5000	45	10 pc
CS45TG10	10000	45	10 pc



CS90LP

Wire suspension with loop



Sendzimir	↔ mm	daN	Unit	Unit
CS90LP1	1000	90	10	pc
CS90LP2	2000	90	10	pc
CS90LP3	3000	90	10	pc
CS90LP4	4000	90	10	pc
CS90LP5	5000	90	10	pc
CS90LP10	10000	90	10	pc



CS90M8

Wire suspension with stud bolt M8



Sendzimir	↔ mm	daN	Unit	Unit
CS90M81	1000	90	10	pc
CS90M82	2000	90	10	pc
CS90M83	3000	90	10	pc
CS90M84	4000	90	10	pc
CS90M85	5000	90	10	pc
CS90M810	10000	90	10	pc



CS90TG

Wire suspension with toggle



Sendzimir	↔ mm	daN	Unit	Unit
CS90TG1 90	1000	90	10	pc
CS90TG2	2000	90	10	pc
CS90TG3	3000	90	10	pc
CS90TG4	4000	90	10	pc
CS90TG5	5000	90	10	pc
CS90TG10	10000	90	10	pc



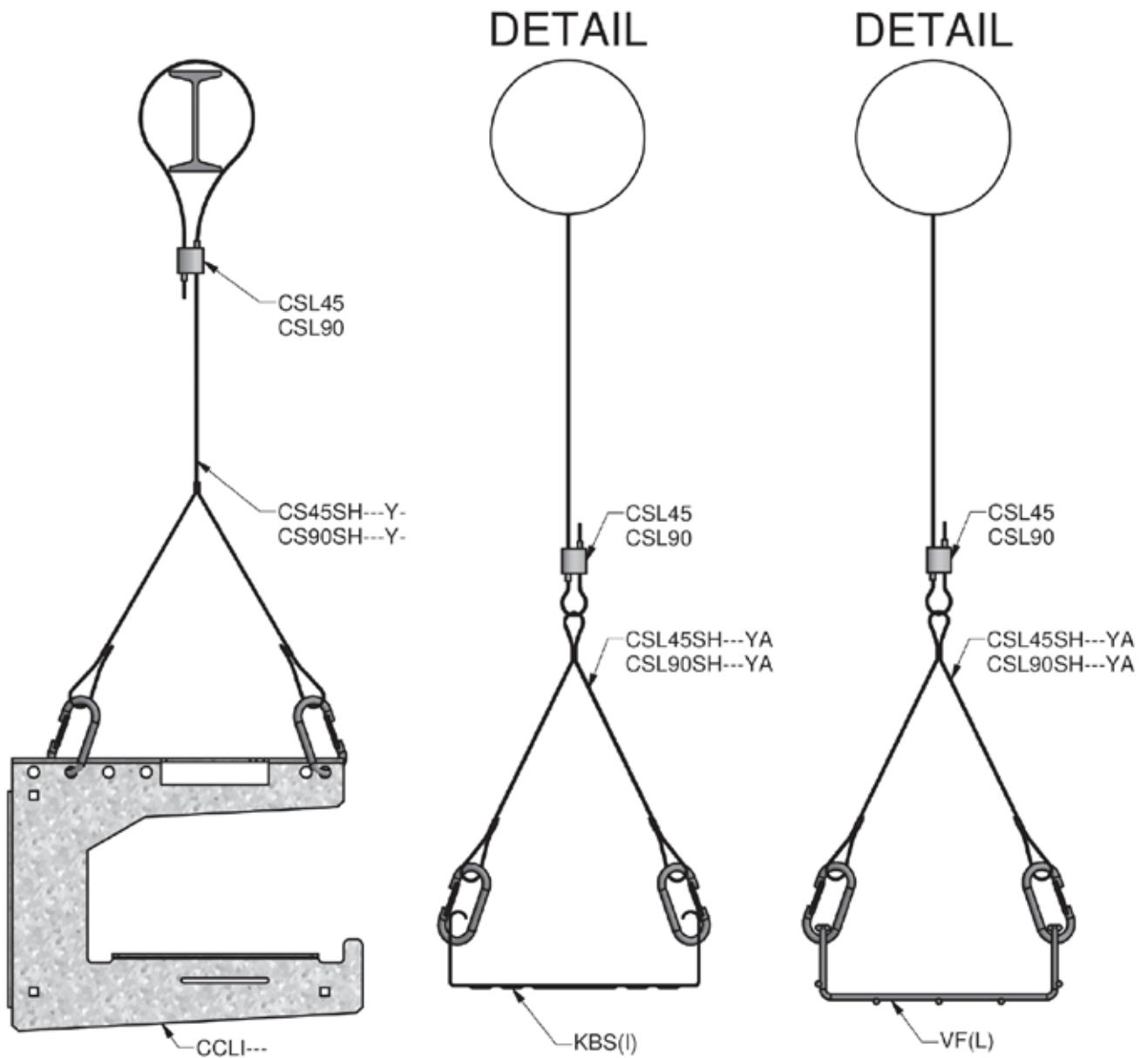
CS90SHYA

Wire suspension Y-split with hooks

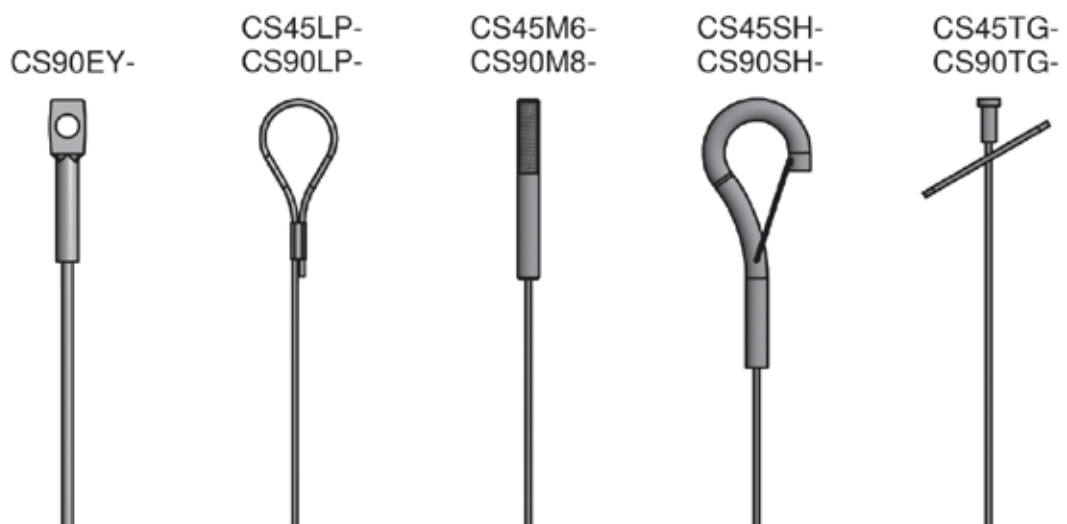


Sendzimir	↔ mm	daN	Unit	Unit
CS90SH150YA	150	90	10	pc
CS90SH300YA	300	90	10	pc
CS90SH500YA	500	90	10	pc
CS90SH800YA	800	90	10	pc



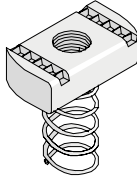


DETAIL



Unistrut Channel Nuts

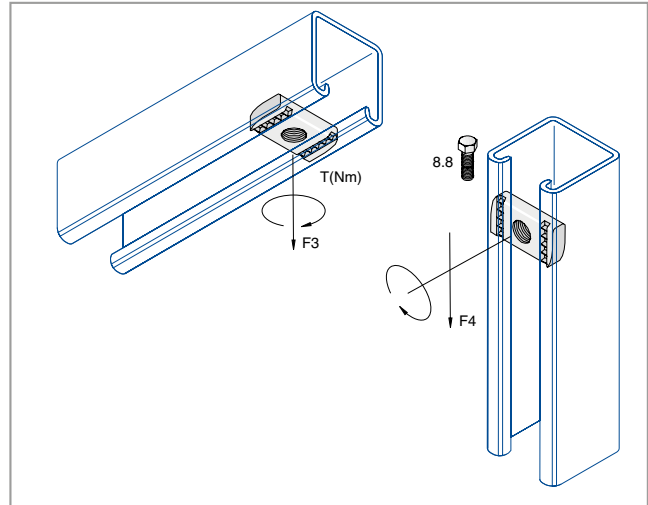
Suitable for P1000, P2000 & P3270



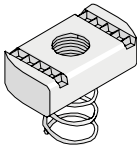
PNL06-PNL12A

HG SS ZP

Part No.			Thread Size	W /100	
ZP	HG	SS			
PNL06ZP	PNL06HG	PNL06SS	M6	3.26	100
PNL08ZP	PNL08HG	PNL08SS	M8	3.53	100
PNL10ZP	PNL10HG	PNL10SS	M10	3.95	100
PNL12ZP	PNL12HG	n/a	M12	4.78	100
PNL12AZP	PNL12AHG	PNL12ASS	M12	3.43	100



Suitable for P3300, P4000 & P3370



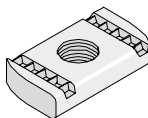
PNS06-PNS12A

HG SS ZP

Part No.			Thread Size	W /100	
ZP	HG	SS			
PNS06ZP	PNS06HG	PNS06SS	M6	3.1	100
PNS08ZP	PNS08HG	PNS08SS	M8	3.5	100
PNS10ZP	PNS10HG	PNS10SS	M10	3.9	100
PNS12AZP	PNS12AHG	PNS12ASS	M12	3.6	100

	Part No. ZP	T (Nm)	F3 kN
P1000 41	PNP06ZP	12	4.20
	PNP08ZP	28	4.70
	PNP10ZP	55	6.00
	PNP12ZP	70	8.00
	PNP16ZP	125	10.30
P3300 21 41	PNS06ZP	12	4.20
	PNS08ZP	28	4.70
	PNS10ZP	55	6.00
	PNS12AZP	60	6.00
P4000 21 41	PNL06ZP	12	4.20
	PNL08ZP	28	4.70
	PNL10ZP	40	6.00
	PNL12AZP	60	8.00

Suitable for P1000, P2000, P3300,
P4000, P5000, P5500, P3270 & P3370



PNP06-PNP12A

HG SS ZP

Part No.			Thread Size	W /100	
ZP	HG	SS			
PNP06ZP	PNP06DINH	PNP06SS	M6	3.10	100
PNP08ZP	PNP08DINH	PNP08SS	M8	3.40	100
PNP10ZP	PNP10DINH	PNP10SS	M10	3.80	100
PNP12ZP	PNP12BDINH	n/a	M12	4.68	100
PNP12AZP	n/a	PNP12ASS	M12	3.43	100

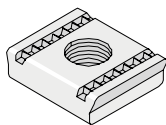
	Part No. SS	T (Nm)	F3 kN
P1000 41	PNP06SS	6.5	2.20
	PNP08SS	16	3.97
	PNP10SS	31.5	6.00
	PNP12ASS	55	6.00
P3300 21 41	PNP06SS	6.5	2.45
	PNP08SS	16	4.41
	PNP10SS	31.5	6.86
	PNP12ASS	55	6.86

Contact our technical team today for further information.

Please note: Channel Nuts can also be used with Unistrut's Slotted Channel.

* PNP12 is not suitable for Unistrut channels P3300, P4000 & P3370

Suitable for P1000, P5000, P5500 & P3270



PNP16

ZP

Part No.	Finish ZP	Thread Size	W /100	
PNP16*	-	M16	8.00	100

HDVS41

Assembly accessory



Hot-dip	↔ mm	→ ← mm	📦	Unit
HDVS41.43	40	8	12	pc
HDVS41.44	40	5	24	pc
HDVS41.45	40	3	12	pc
HDVS41.46	40	6	12	pc
HDVS41.57	40	5	6	pc



HDVS41.43



HDVS41.44



HDVS41.45



HDVS41.46



HDVS41.57

The full range of these assembly accessories can be found in the Atkore Unistrut catalog. Want a copy? A quick mail to solutions@atkore.com will do the trick!



RPMFP2S

Roof protection mats FP2S



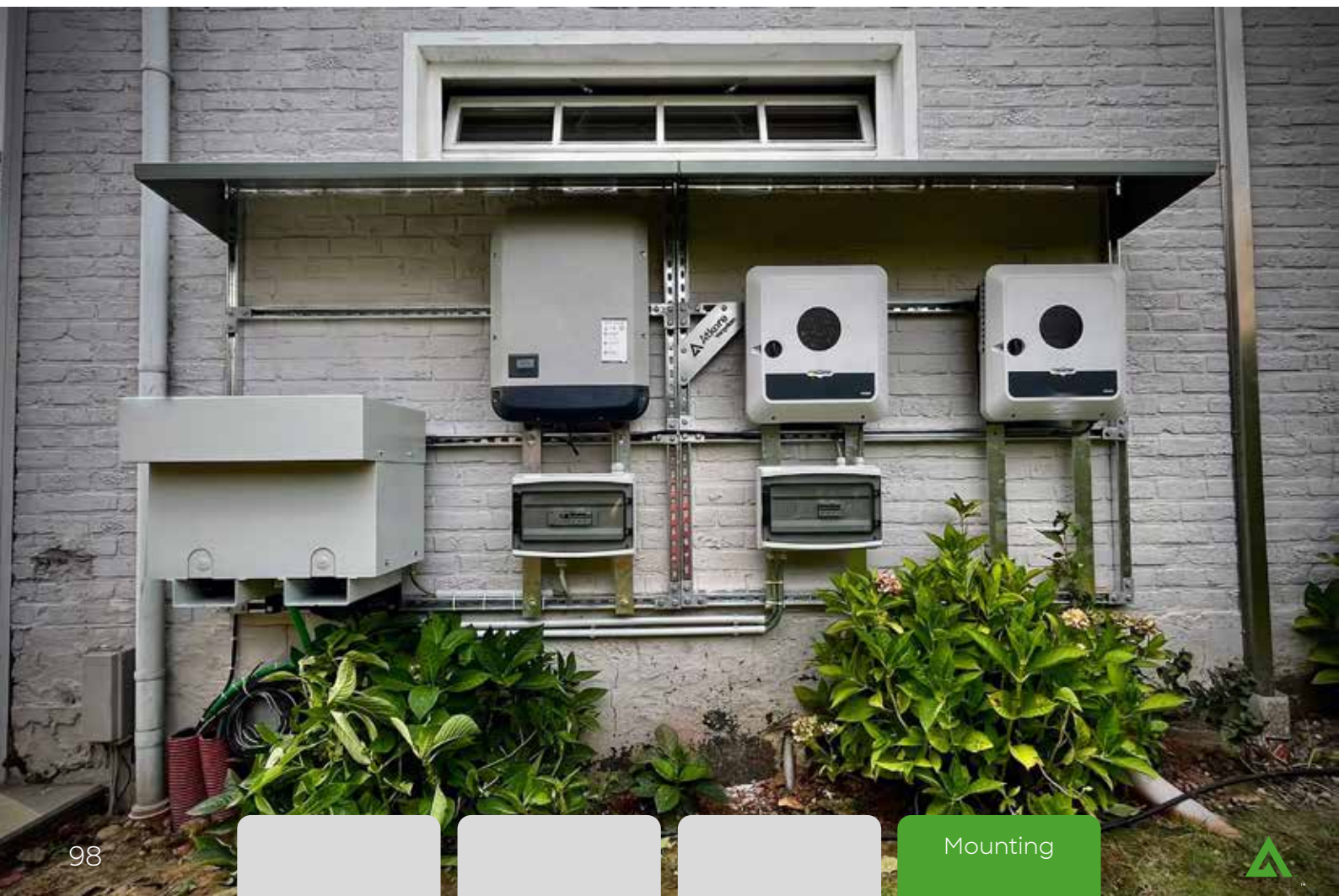
Reference		Unit
RPMFP2S.1	2	pc
RPMFP2S.2	2	pc

MSFP2S

Mounting set for wire baskets FP2S



Defender	↔ mm		Unit
MSFP2S.200	200	2	pc



FP2S

Solar Shelter



Reference	↕ mm	↔ mm	↔ mm	📦	Unit
FP2S.1.800	1258	1200	750	4	pc
FP2S.1.1500	1500	1500	750	4	pc
FP2S.2.1500	1500	1500	1500	4	pc
FP2S.W.1500	1500	1500	490	4	pc
FP2S.1.1500.S	1500	1500	750	1	pc
FP2S.2.1500.S	1500	1500	1500	1	pc
FP2S.W.1500.S	1500	1500	490	1	pc

HDSRAPFP2S

Slanted roof adjustment piece FP2S



Hot-dip	📦	Unit
HDSRAPFP2S.2	2	pc

ZMCWSFP2S

Counterweight support FP2S



Defender	↔ mm	📦	Unit
ZMCWSFP2S.1500	1500	2	pc

CONNECTFP2S

Connecting plates FP2S



Hot-dip	📦	Unit
CONNECTFP2S	2	pc

A

AS	24
AZH	24

B

B	87
B90	21
BG	90
BGVF	70
BK	35
BP	61
BVSI	20

C

CCLI	78
CL	20
COMEGACLU170	80
COMEGACLU290	80
CONNECTFP2S	99
CRO	86
CS45LP	93
CS45M6	93
CS45SH	92
CS45SHY	92
CS45SHYA	92
CS45TG	93
CS90LP	94
CS90M8	94
CS90SHYA	94
CS90TG	94
CSL	93

D

D	19, 33, 36, 69
DAS	24
DAVIDKV	57
DB90	21
DCL	19
DCL	32
DCLVF	69
DCO	19
DKI	61
DKIG	42, 46, 50
DKR	26
DOP41.21	83
DOP41.41	83
DOP41.82	83
DOPHSMU	82
DOPKLIE	60
DOPKLL	40
DOPKLM100	45
DOPKLM125	49
DOPKLW	54
DOPKLZ	53

DR15.30	90
DR21.41	90
DS	29, 35
DSB90	22
DT	25
DVB90	23
DZ	19
DZK	19

E

E	27
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F

FL	91
FP2S	99

G

GM	87
GVFUL	67

H

HDAB35.110	35
HDABIE	62
HDAHIE	63
HDBKID25	62
HDBKIE25	62
HDBKIE40	62
HDDI	57
HDDI	61
HDDIB	32
HDDIB	56
HDDIB	60
HDDIT	56
HDDSIH	63
HDDSIH	63
HDDSKSH	58
HDHKI	78
HDHKIZ	78
HDHSIZ	82
HDHSLDCL	82
HDHSLECL	83
HDHSMU50	82
HDKK	59
HDKLIB	60
HDKLIE	61
HDKLIT	60
HDKS60	57
HDKS90	56
HDKSR60	57
HDKST	56
HDKSVSB	58
HDLVIE	63
HDMBZ	78
HDNL	58

HDSKP	84
HDSRAPFP2S	99
HDSSU	58
HDTSU50	82
HDVK2	59
HDVS41	97
HDVSIE	62
HDWKM	79
HDWKML	79
HSMD	83
HSMES	83

I

I6KSF	36
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K

KBS	15
KBSC60	13
KBSI	14
KBSM(I)	16
KBSMCL	16
KBV	14
KBWM125	49
KBWW	55
KBWZ	51
KG110	17
KG60	16
KGCL	17
KGI60	17
KGI60S	18
KL60	33
KLB	32
KLL110	37
KLL85	36
KLLAH	41
KLLB	39
KLLBK	39
KLLDK	38
KLLDSH	41
KLLDSV	41
KLLI60(.6)	37
KLLKP	40
KLLSB	38
KLLT	39
KLLVB	38
KLLVS	41
KLLVST	40
KLM100	43
KLM100AH	44
KLM100AHV	44
KLM100B	43
KLM100DSH	44
KLM100DSV	44
KLM100KP	44
KLM100SB	45
KLM100T	43
KLM100VB	45



KLM125	47
KLM125AH	48
KLM125AHV	48
KLM125B	47
KLM125DSH	48
KLM125DSV	48
KLM125KP	48
KLM125SB	49
KLM125T	47
KLM125VB	49
KLMZWAB	42
KLMZWAB	46
KLMZWAB	50
KLMZWBK	42
KLMZWBK	46
KLMZWBK	50
KLT	32
KLW	55
KLWB	55
KLWDSH	54
KLWDSV	54
KLWKP	54
KLWT	55
KLWVS	54
KLZ	51
KLZAH	52
KLZAHV	52
KLZB	51
KLZDSH	52
KLZDSV	52
KLZKP	52
KLZSB	53
KLZT	51
KLZVB	53
KLZVS	53
KPCL	84
KPVF	72
KPVFL35	72
KPW	29
KR	26

L

L25	89
L25.50	89
L50.50	89
LOMEGACLU150	80
LV	20

M

M	85
MP	28
MPCL41.21	89
MPV	28
MPVCL	28
MPVFCL	72
MSFP2S	98

N

NATO15	18
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O

OBG	90
OBGVF	70
OBZ 130	81
OBZ 180	81

P

PBR	91
PNL06-PNL12A	96
PNP06-PNP12A	96
PNP16	96
PNS06-PNS12A	96

R

RB	85
RBK	85
RBKBSM	16
RBS	17
RM	85
RO	86
ROTD	86
RPMFP2S	98

S

SB90	22
SBCL	22
SDB	26
SDBG	91
SKL60	33
SKPD	84
SKPE	84
SLIS	20
SLOS	21
SLOS	69
SLOS35	35
SLOS35	59
SLOS35	61

T

T	25
TIM	87

U

U24	88
U48	88

V

V15.200	18
V35.200-V110.200	29
V35-V85	29
V60.200	35
VB90	23
VBCL	23
VFCB	67
VFCB	70
VFCL	70
VFK	73
VFKG30	73
VFKK25	73
VFKS	73
VFM	71
VFMM	71
VFO	71
VFSLOSCL	69
VFU	66
VFUL	67
VFVLB	70
VH	25
VM	85
VM6334	86
VMB	81
VMK	86
VOMEGA	80
VS	27

W

WKST	79
WSUN	79

Z

Z25	88
Z50	88
ZASPRAY	87
ZCL	72
ZMCWSFP2S	99
ZMDIG	42
ZMDIG	46
ZMDIG	50

Atkore Defender™

Comprehensive System Solution

The complete system solution

When designing for harsh environments where increased protection against corrosion is required, reach for the premium finish coating of Atkore Defender™.

Designed to streamline your installation process, Atkore Defender™ offers a product that contains self-healing properties, eliminating the necessity to paint cut ends at the job site.

Encompassing metal framing and cable management, straight lengths and accompanying accessories are available in the Atkore Defender™ premium finish for a comprehensive system solution.

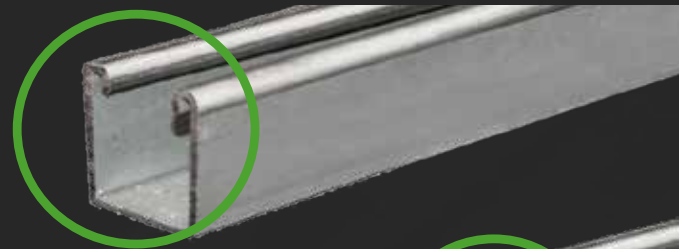
As the authentic Unistrut, we celebrate a century of innovation and continue to advance.



A cost-effective option

Outperforming Hot-Dip-Galvanising by lasting up to 3 times as long before reaching the red 5% red rust failure criteria*, the premium finish of Atkore Defender™ aids in extending the service life of your building, while reducing long term maintenance and labour costs.

Additionally, it's longer anticipated service life can also help enhance your project's sustainability credentials.



Atkore Defender™ heals over time

Healing duration can vary depending on weather, location, type and size of application.



Hot-Dip Galvanised
rust may form
on the cut end

Did you know?

1,000 hrs of
continuous salt
spray testing

proves the protection Atkore Defender™ can offer, see the results for yourself:*



Atkore Defender™



Hot-Dip Galvanised

Atkore Defender™

Comprehensive System Solution

Why choose Atkore Defender™?

For decades, engineers have had limited choices when it came to protecting steel from corrosion in outdoor environments. Hot-Dip Galvanised has long been the standard and provides a good level of protection. However, it most often will not protect the steel for the

entire service life of the facility. Atkore Defender™ offers a new alternative which ultimately extends the useful life of many projects. Below highlights why Atkore Defender is the tried, trusted, and chosen choice of engineers and contractors alike.

Main advantages



Self-healing coating

Eliminates the necessity to paint cut ends at the job site.



Ideal in corrosive environments

Provides added protection from corrosion than alternatives such as Hot-Dip Galvanised.*



Streamlines installation

Coated straight lengths and accessories eliminate the binding of threads associated with Hot-Dip Galvanised.



Cost & labour savings

Elimination of repainting or recoating translates into bottom-line profits, yielding bigger long term and up-front savings.

* Based on average ASTM B117 salt spray test results.



**BUILDING BETTER
TOGETHER**

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