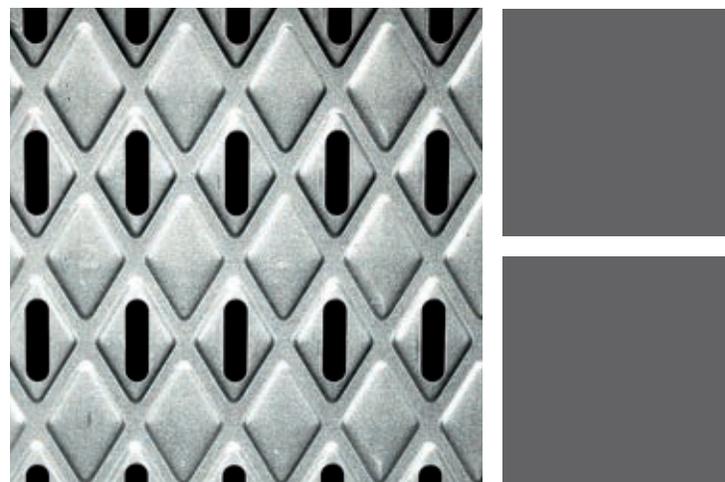


CATALOGUE

**MAVIL**

powered by  
**GEWISS**



2023  
2024



**GEWISS HEADQUARTERS - ITALY**

## INTRODUCTION

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WELDED STEEL WIRE MESH CABLE TRAYS

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PERFORATED STEEL CABLE TRAYS

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powered by  
**GEWISS**

# GEWISS: all cable trays lead to MAVIL®

Two entrepreneurs with shared values come together for innovation and growth.

Mavil was created from a successful family business in the 1930s in Villeurbanne, and then Liernais, a village classified as a Rural Revitalization Zone (RRZ) in the Côte d'Or department of Burgundy.

Specializing in metallic cable tray solutions since the 1970s, Mavil has continued to innovate and expand its cable tray offering with robust and quick-installation solutions for different level of corrosion resistance.

The Gewiss group was created in 1970 by Cavaliere del Lavoro Domenico BOSATELLI and remains a family-owned company, which continues to grow both in Italy and on an international scale, offering low voltage electrical equipment solutions.

In 2000, the merging of two family-owned companies created an opportunity to showcase their common values. It was in this context that Mavil joined the Gewiss group to amplify the synergy of offerings, strengthen the group's industrial expertise in electrical equipment, and accelerate its international growth.

Mavil's expertise in metal cable trays is rooted in the heart of Burgundy, where the Research and Development site is located, along with Production.

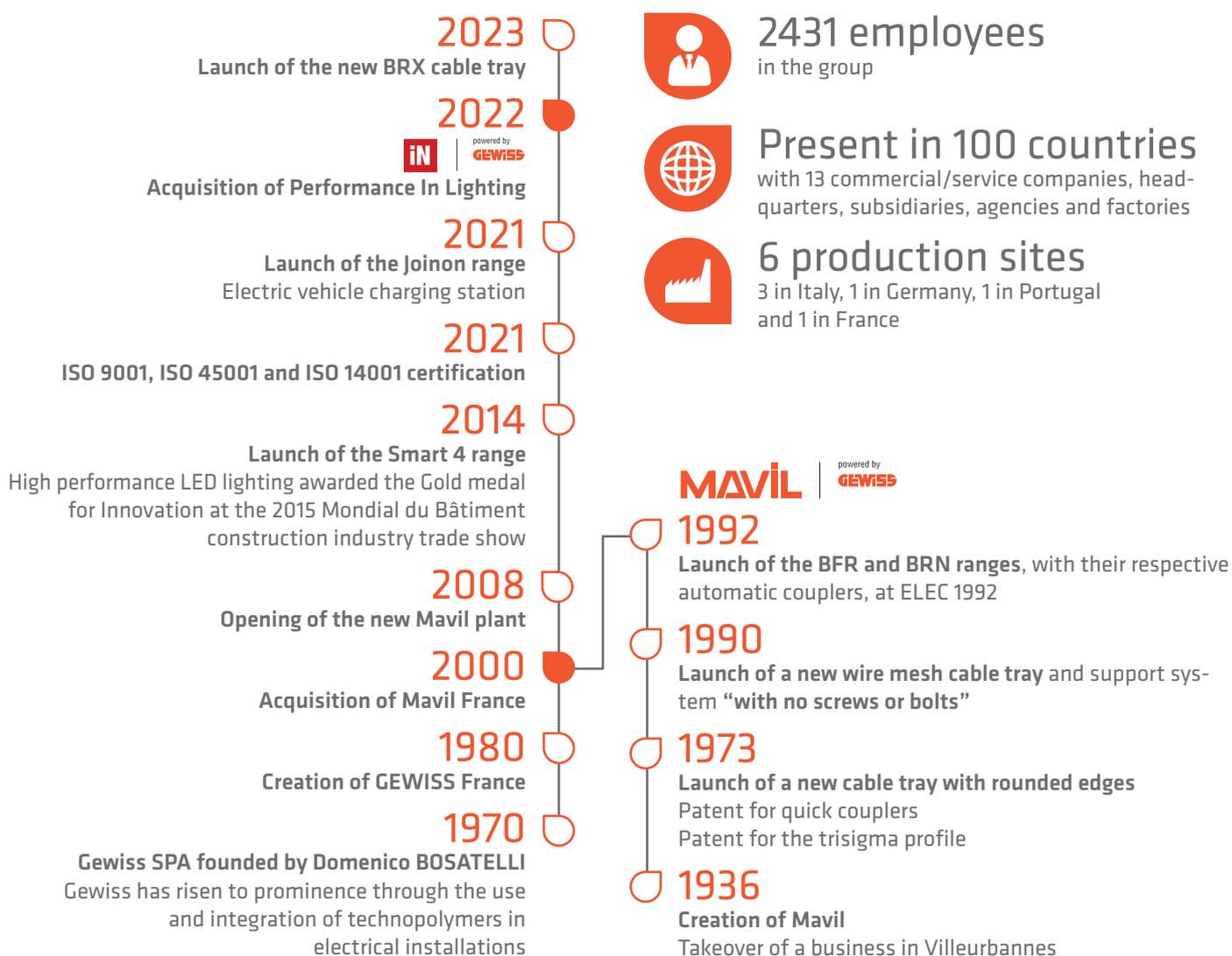
Designed in a rural setting, the space boosts the well-being and efficiency of our employees, industrial agility, and services for our partner customers.

ISO certifications and the commitment to a QSE process to meet quality, safety and sustainability requirements contribute to the goal of reducing our products' carbon footprint.





## GEWISS The Group



### LIERNAIS - MAVIL PRODUCTION SITE

60 employees  
Cable trays / R&D / Technical Department  
12,500 m<sup>2</sup> (production, logistics area, offices)

# Gewiss' commitment to quality, safety and the environment



## CERTIFICATIONS

### ISO 9001

(Quality Management),  
since 2003

### ISO 45001

(Health and Safety  
Management) and

### ISO 14001

(Environment  
Management)  
since 2016.



## QUALITY

Beyond rules and standards,  
GEWISS France wants to be  
part of a **genuine approach** for  
its employees and  
for its customers.



## HEALTH AND SAFETY

We want to provide  
**safe and healthy workplaces for all:**  
employees, contractors, external  
stakeholders, and visitors, as well as  
our customers and installers.





## ENVIRONMENT

Since 2016, GEWISS France has been ISO 14001 certified. The goal has remained unchanged since: **to go beyond regulatory requirements and build an approach in line with today's environmental concerns.**



## CORPORATE SOCIAL RESPONSIBILITY

Today, companies need to consider the societal, environmental and economic impact of their activities. **GEWISS France has committed to this approach by contributing to the sustainable development of its company.**

The GEWISS group obtained the **bronze EcoVadis CSR rating in 2022.**

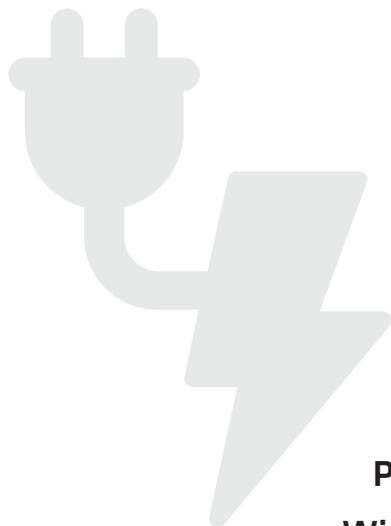


**100% recyclable products**

**99%**

**of waste recycled**

# Main applications



## ENERGY

Photovoltaic

Wind energy

Production plants

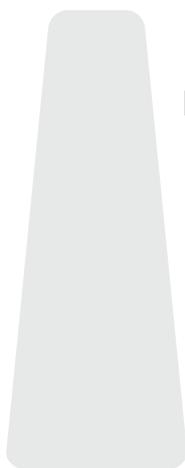


## INDUSTRY

Food industry

Petrochemical industry

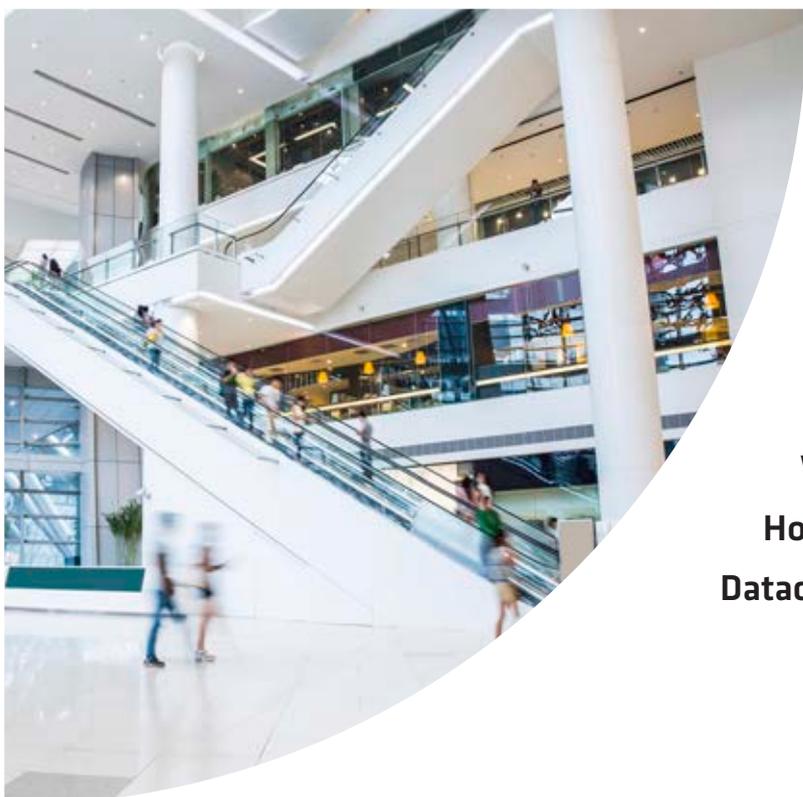
Pharmaceutical industry





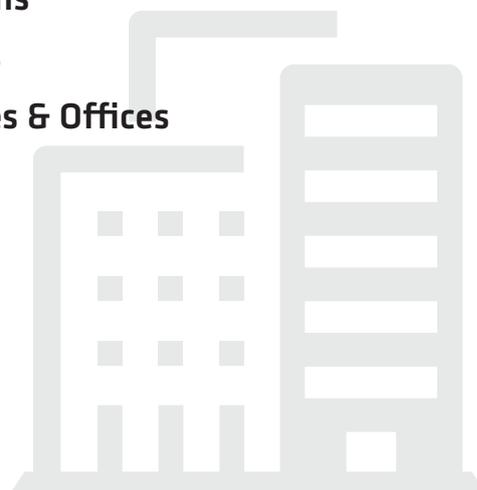
**INFRASTRUCTURE**

- Tunnel
- Airports
- Subways



**TERTIARY BUILDINGS**

- Stadiums
- Hospitals
- Warehouses & Offices
- Hotels
- Datacenters



# Services

## ● TECHNICAL SERVICE

As your electrical work sites become increasingly complex, the MAVIL technical design office will be with you every step of the way. The team can design products and solutions tailored to your specific needs. Use their expertise!



### Mavil Technical design office to support you in your projects:

- Measurements and calculation of supports
- Support with installation documentation
- Support with specification documentation
- Design support



### Customized design for specific needs:

- Product/solution design for specific needs
- Prototyping creation
- Product certification

## ● COMMERCIAL SERVICE

### Tertiary projects & local industries:

Our sales & technical team is at your disposal on the field with one goal: your satisfaction.

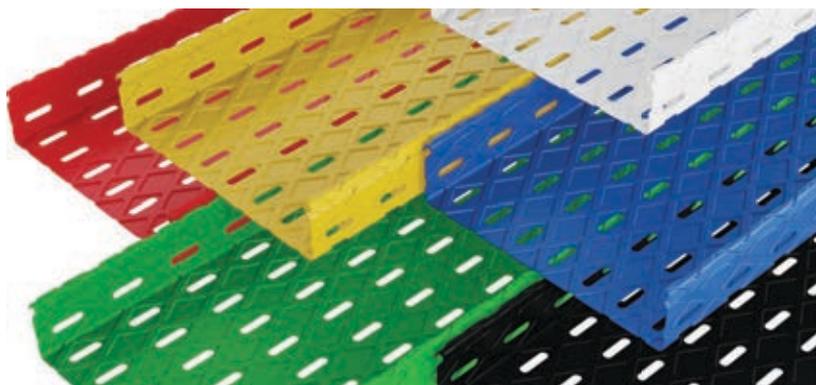
### Specific projects and export:

- Tailored technical solutions
- Global quality management system at the heart of our process
- Guaranteed product traceability and compliance.
- Efficient logistics organization, able to handle international shipping issues



**PAINTING ●**

Epoxy powder spray coating, with a permanent coating line. For architectural application or corrosion protection in indoor environments. All ranges can be painted with all RAL shades. Lead times depend on the range and RAL requested.



**● DIGITAL TOOLS**

**Website**

- Simplified and intuitive search function
- Product tree menu by range
- Product search by keyword and code
- Customizable customer catalogue

**Configurator**

Quick and intuitive definition of need  
Simple codes identification



**● CUSTOMER TRAINING**

An important added value to know the products, the application benefits and entering the Gewiss world.

**Cenate Sotto (Italy) and Liernais (France) training centers**

Showrooms dedicated to the presentation and manipulation of the Gewiss offer



# Choosing guide



BFR	BRX	BRN PP	BRN HL	BRN NP
Natural cable ventilation Cables visibility Ease of maintenance and cleaning	Good electromagnetic compatibility Mechanical shock protection Cable trays aesthetics Reinforced load capacity for HL			Mechanical protection

## Choice of support Brackets

### WALL FIXING



	🏠 Omega bracket Up to 300 mm	
Filmatic		2 MV66X01 bolts
	🏠🏠 CSU bracket Up to 600 mm	
Snap-on system up to and including 400 mm		2 MV66X01 bolts
	🏠🏠🏠 Bracket Up to 600 mm	
Snap-on system		2 MV66X01 bolts
	🏠🏠🏠 41 x 21 41 x 41 bracket Up to 600 mm	
Filmastrut		2 bolts (MV66X73+MV66X46+MV66X75)

### C-SHAPED CEILING FIXING



	🏠 Omega C-shaped bracket Up to 300 mm	
Filmatic		2 MV66X01 bolts
	🏠🏠 CSU bracket Up to 600 mm	
Snap-on system up to and including 400 mm		2 MV66X01 bolts

## Ceiling supports

Omega ceiling support	CSUM ceiling support	CSUG ceiling support	Mavistrut ceiling support	Strut ceiling support
H. 400 to 600 mm	H. 400 to 600 mm	H. 400 to 1000 mm	H. 400 to 1500 mm	H. 400 to 2000 mm
Ready to use	Ready to use	Ready to use	To be assembled	Ready to use
1 ceiling support 1 bolt 1 omega bracket	1 ceiling support 1 bolt 1 CSUM bracket	1 C40 ceiling support 1 CSUG bracket	1 notched ceiling support 1 Mavistrut bracket	1 smooth ceiling support 1 bolt kit 1 bracket 41
		1 C40 profile 2 half heads 1 CSUG bracket		1 bolt-on head 1 bolt kit 1 notched profile 1 Mavistrut bracket
				1 bolt-on head 1 smooth strut profile 2 bolt kits 1 bracket 41

## Metal cable tray systems face one problem: corrosion.

This corrosion can take two forms: **atmospheric or galvanic**.

**Atmospheric corrosion** is a result of the oxidation of the iron in steel on contact with air or water (which contains oxygen atoms). This oxidation is commonly referred to as rust.

**Galvanic corrosion** is a result of the assembling of two electrically conductive metals but with different electrical potentials. The greater is the difference, the faster the corrosion will occur.



To limit the risk of corrosion, the chosen product finishing must be suitable for the environment in which it will be stored and installed. It is also important to ensure that the various components comprising the system have good galvanic compatibility.

## Corrosion due to electrochemical coupling between materials and/or coatings of an assembling

Metal considered ▼	Platinum, Pt	Gold, Au	Stainless Steel 18-9 X10 Cr Ni 18-9	Silver, Ag	Mercury, Hg	Nickel, Ni	Nickel Silver Cu Zn23 Ni22	Copper, Cu	Cupro-Aluminum Cu Al10	Cu-Zn alloy (brass) Cu Zn39 Pb	Cu-Sn alloy (bronze) Cu Sn12	Tin	Lead	Fe-Ni alloy with 25% Ni (bimetal strips, electrical resistors)	Aluminum-copper 2017A (Al Cu4 Mg)	Cast Iron	Carbon Steel XC 10	Turning light alloy 2011 (Al Cu5 Pb Bi)	Foundry light alloy Al Si10 Mg	Aluminum 1050A (A5)	Carbon steel for thermal management XC 80, XC 90	Al-Mg alloy 5754 (Al Mg3), 5056A (Al Mg5)	Cadmium, Cd	Pure iron, Fe	Alloy Al - Mg - Si Al - Mg - Si	Chrome, Cr	Alloy Al - Zn - Mg 7049 A (Al Zn8 Mg Cu)	White metal Sn Zn25	Zinc, Zn	Manganese, Mn	Magnesium, Mg			
Platinum	0																																	
Gold	130	0																																
Stainless steel 18-9	250	120	0																															
Silver	350	220	100	0																														
Mercury	350	320	100	0	0																													
Nickel	430	300	180	80	80	0																												
Cu-Zn-Ni alloy (nickel silver)	450	320	200	100	100	20	0																											
Copper	570	440	320	220	220	140	120	0																										
Cupro-aluminum	600	470	350	250	250	170	150	30	0																									
Cu-Zn alloy (brass)	650	520	400	300	300	220	200	80	50	0																								
Cu-Sn alloy (bronze)	770	640	520	420	420	340	320	200	170	120	0																							
Tin	800	670	550	450	450	370	350	230	200	150	30	0																						
Lead	840	710	590	490	490	410	390	270	240	190	70	40	0																					
All. Fe-Ni 25% Ni	930	800	680	580	580	500	480	360	330	280	160	130	90	0																				
Aluminum-copper	940	810	690	590	590	510	490	370	340	290	170	140	100	10																				
Cast Iron	950	820	700	600	600	520	500	380	350	300	180	150	110	20	10	0																		
Carbon steel	1000	870	750	650	650	570	550	430	400	350	230	200	160	70	60	50	0																	
Turning light alloy	1000	870	750	650	650	570	550	430	400	350	230	200	160	70	60	50	0																	
Foundry light alloy	1,065	935	815	715	715	635	615	495	465	415	295	265	225	135	125	115	65	65	0															
Aluminum	1,090	960	840	740	740	660	640	520	490	440	320	290	250	160	150	140	90	90	25	0														
Carbon steel for thermal management	1,095	965	845	745	745	665	645	525	495	445	325	295	255	165	155	145	95	95	30	5	0													
Al-Mg alloy	1,100	970	850	750	750	670	650	530	500	450	330	300	260	170	160	150	100	100	35	10	5	0												
Cadmium	1,100	970	850	750	750	670	650	530	500	450	330	300	260	170	160	150	100	100	35	10	5	0												
Pure iron	1,105	975	855	755	755	675	655	535	505	455	335	305	265	175	165	155	105	105	40	15	10	5	5	0										
Al-Mg-Si alloy	1,105	975	855	755	755	675	655	535	505	455	335	305	265	175	165	155	105	105	40	15	10	5	5	0										
Chrome j	1,200	1,070	950	850	850	770	750	630	600	550	430	400	360	270	260	250	200	200	135	110	105	100	100	95	95	0								
Al-Zn-Mg alloy	1,225	1,095	975	875	875	795	775	655	625	575	455	425	385	295	285	275	225	225	160	135	130	125	125	120	120	25	0							
White metal, 75% Sn, 25% Zn	1,360	1,230	1,110	1,010	1,010	930	910	790	760	710	590	560	520	430	420	410	360	360	295	270	265	260	255	160	135	0								
Zinc	1,400	1,270	1,150	1,050	1,050	970	950	830	800	750	630	600	560	470	460	450	400	400	335	310	305	300	300	295	295	200	175	40	0					
Manganese	1,470	1,340	1,220	1,120	1,120	1,040	1,020	900	870	820	700	670	630	540	530	520	470	470	405	380	375	370	370	365	365	270	245	110	70	0				
Magnesium	1,950	1,820	1,700	1,600	1,600	1,520	1,500	1,380	1,350	1,300	110	1,150	1,110	1,020	1,010	1,000	950	950	885	860	855	850	850	845	845	750	725	590	550	480	0			

Potential differences are established in 2% sodium chloride (NaCl) aqueous solution, expressed in millivolts. Below the bold line (—), the metal in question is attacked.

Notes:

- The coupled metal does not undergo galvanic corrosion and, on the contrary, benefits from a galvanic protective effect (low if the potential difference is small, large if the potential difference is large).
- The galvanic effect is influenced by the surface ratio of the two metals;
- if the surface area of the metal considered is the smaller, its corrosion increases,
- if the surface area of the metal considered is the larger, its corrosion decreases.

This effect is more pronounced the greater difference between the two surfaces.

① In environments such as seawater or saline solutions, chromium undergoes depassivation more or less over time and its dissolution potential decreases (to reach only 250 mV compared to platinum), which tends to reduce the corrosion effect on metals coupled to it.

Safety recommendation: Use gloves to handle products during installation phases.

# Choosing guide

## Table of choosing for Material and coating or finishing

ENVIRONMENTS	Z100 GALVANIZED STEEL	EZ ELECTRO- GALVANIZED STEEL	Z275 GALVANIZED STEEL	HDG 45µm HOT DIP GALVANIZED STEEL	HDG 85µm HOT DIP GALVANIZED STEEL On request	HP HIGH PROTECTION GALVANIZED STEEL	INOX 304 STAINLESS STEEL 304L	INOX 304 PASSIVATED 304L STAINLESS STEEL On request	INOX316 STAINLESS STEEL 316L	INOX316 PASSIVATED 316L STAINLESS STEEL On request	EPOXY POLYESTER EPOXY POWDER PAINT ON Z100/Z275
Interior: dry atmosphere	●	●	●	●	●	●	●	●	●	●	●
Interior: occasional condensation Exterior: rural exposure inland	●	●	● Sheet metal thickness ≤ 1.5 mm	●	●	●	●	●	●	●	●
Interior: high humidity, slightly polluted air. Exterior: industrial and urban environment inland or mild coastal climate	● On wire mesh product only	●	● Sheet metal thickness ≤ 1.5 mm	●	●	●	●	●	●	●	●
Interior: swimming pools, chemical plants, etc. Exterior: industrial environment inland or coastal urban environment	●	●	●	●	●	●	●	●	●	●	●
Exterior: very wet or coastal industrial environment, very salty	●	●	●	●	●	●	●	●	●	●	●
Food environment	●	●	●	●	●	●	●	●	●	●	●
Alkaline environment	●	●	●	●	●	●	●	●	●	●	●
Acidic environment	●	●	●	●	●	●	●	●	●	●	●
Environment with chlorine	●	●	●	●	●	●	●	●	●	●	●

Legenda: ● Not Recommended ● Recommended ● Possible

## Finishings description

Finishing	Reference standard	Description
<b>Z100</b> Galvanized Steel	<b>NF EN 10244-2</b>	Continuous zinc or zinc alloy coating by hot immersion (also known as Sendzimir, pre-galvanized or hot galvanized before processing). Galvanization is performed by soaking the steel wire in a molten zinc bath. The mass of zinc (100 g/m <sup>2</sup> ) deposited on the bare wire surface corresponds to a coating thickness of approximately 14 µm. The appearance of the Z100 finish is grey.
<b>EZ</b> Electro-galvanized steel	<b>NF EN ISO 2081</b>	Electrolytic galvanization after manufacture. A zinc layer is applied to the steel by electrolysis after forming and welding operations. The thickness of the protective layer is around 10 microns. The look is transparent with a bluish or yellowish color.
<b>Z275</b> Galvanized Steel	<b>NF EN 10346</b>	Continuous zinc coating by hot immersion (also known as Sendzimir or hot galvanized before processing). Galvanization is performed by soaking the steel in a molten bath containing at least 99% zinc. The mass of zinc (275g/m <sup>2</sup> ) deposited on the two sides of the steel corresponds to a coating thickness of approximately 20 µm. The grey appearance of the Z275 finish is explained by the crystallization of zinc on contact with air, known as spangle. The surface quality is ordinary, the presence of marks, protrusions or scratches in no way alters the performance of the coating.
<b>HDG</b> 45µm Hot dip galvanized steel	<b>NF EN ISO 1461</b>	Hot galvanization. Galvanization is performed in the final step by soaking the steel product in a molten zinc bath. The average mass of zinc deposited on the product depends on the thickness of the product. The thicker the product, the more it can be coated, so the larger the coating mass. In the worst case, the average coating mass is at least 325 g/m <sup>2</sup> on both sides, i.e., an average thickness of the protective layer corresponding to at least 45 microns. The possible appearance of traces of white or black deposits (zinc oxide) is related to the natural reaction of the zinc coating with oxygen from environment. These traces do not affect the corrosion resistance of the product as the coating thickness is identical to the rest of the product surface. The look is matt. Parts undergo dimensional control before galvanisation.
<b>HP</b> High protection galvanized steel	<b>NF EN 10346</b>	Continuous zinc alloy metal coating by hot immersion of steel in a molten zinc alloy bath. The HP (High Protection) finishing has a uniform metallic appearance that, as it ages, can become heterogeneous and will become a darker shade. Normal ageing of the finishing involves transient reddening effects of sections and cut edges without affecting the 850-hour salt spray anti-corrosion performance. This finishing is an advantageous alternative to the HDG finishing.
<b>EPOXY</b> Polyester epoxy powder paint on Z100/Z275	/	Epoxy-polyester powder paint coating. Thanks to its fully integrated paint line on the production site, GEWISS offers its MAVIL brand (Z275 galvanized sheet steel cable trays, Z100 galvanized steel wire mesh trays and Z275 galvanized sheet steel support accessories) coated with a thermosetting epoxy and polyester resin-based powder paint. The coating is applied using automated electrostatic guns after product machining and proper surface preparation to ensure optimal grip. The standard colors are white RAL9010, red RAL3020, yellow RAL1021, blue RAL5015 and matte black RAL9005M (other colors upon request according to RAL) Epoxy and polyester based powder paints are used for interior decoration and design and for corrosion protection of parts or finished products. Possibility of using the epoxy as the 85 µm HDG.
<b>GEOMET</b>	<b>NF EN ISO 10683</b>	Non-electrolytic coating of zinc strips. The coating is obtained by applying strips of zinc and possibly aluminum, with heat input. This finishing is primarily used for bolts in applications that use HDG and HP finishings. The look is silver grey. Geomet replaces Dacromet following the ban on Chrome 6 in France.
<b>INOX 304L</b> 304L stainless steel	<b>NF EN 10088/ AISI 304L</b>	X2CrNi 18-9 (1.4307) low carbon austenitic non-magnetic stainless steel. Suitable for light industrial chemical, food and outdoor environments.
<b>INOX 316L</b> 316L stainless steel	<b>NF EN 10088/ AISI 316L</b>	X2CrNiMo stainless steel 17-12-2 (1.4404) low carbon austenitic non-magnetic stainless steel enriched with Molybdenum. Suitable for highly aggressive chemical and food industrial environments, shipbuilding, chlorinated and marine environments.
<b>DELATONE®</b>	<b>BS 7371 pt 1, 2 and 11 (1991)</b>	This finishing consists of Zinc and Aluminum particles held together by an organic bond. Suitable for outdoor use.
<b>MAGNI®</b>	/	Magni® 2-layer coating (min. 600 h salt spray resistance)

The table below indicates, for information purposes, the theoretical rate of corrosion by environmental typology.

## Environmental categories and corrosion speeds of pure zinc galvanized products

ENVIRONMENT	Corrosion speed* µm/year
<b>Interior:</b> dry	<0.1
<b>Interior:</b> occasional condensation <b>Exterior:</b> inland rural exposure	0.1 - 0.7
<b>Interior:</b> high humidity, slightly polluted air <b>Exterior:</b> industrial and urban environment inland or mild coastal climate	0,7 - 2
<b>Interior:</b> pools, chemical plants <b>Exterior:</b> industrial environment inland or coastal urban	2 - 4
<b>Exterior:</b> very wet or coastal industrial environment, very salty	4 - 8

\*Corrosion speed is an indication only and is not a guarantee for the estimated expected life of the coating material

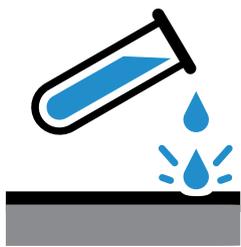
Source = IEC 61537

The standard IEC 61537 defines the classification of the coating material according to its corrosion resistance. For very aggressive environments such as saline, ISO 9227 defines the salt spray test methods whose results are expressed in number of exposure hours.

Corrosion resistance class according to IEC 61537	Finishings	Coating thickness	Reference standard	Salt spray test time
0				-
1	EZ - Fe/Zn10/A	10 µm	EN ISO 2081	24
2	Z100 on WIRE	14 µm	EN 10244-2	96
3	Z275 on Sheet metal	20 µm	EN10346	155
4				195
5	HDC 45µm	45µm	ISO 1461	450
6				550
7				700
8	HDC 85µm	85µm	ISO 1461	850
9A	INOX304L - Degreased/Washed		EN 10088	-
9B	INOX316L - Degreased/Washed		EN 10088	-
9C	INOX304L - Stripped/Passivated		EN 10088	-
9D	INOX316L - Stripped/Passivated		EN 10088	-

# HP finishing

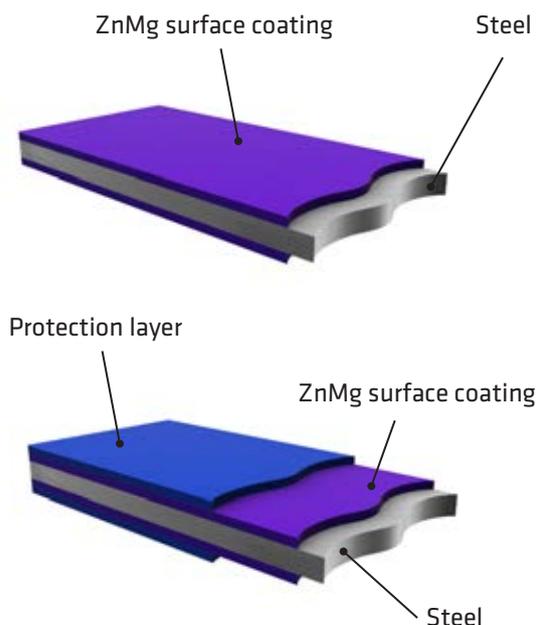
H A R S H E N V I R O N M E N T S



## High corrosion resistance:

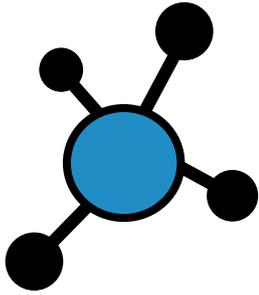
### 850H SALT SPRAY

The compact HP coating layer acts as a barrier against corrosion, preventing the underlying steel from coming into contact with the surrounding environment thanks to the formation of a protective layer of magnesium hydroxychloride.



## Protection against corrosion

The result is a highly effective corrosion protection, even in the harshest environments.



## Self-healing coating

When exposed to the environment, the HP coating forms a highly dense protective layer zinc-based, more durable than traditional galvanizing treatment featured from a more porous surface.

It is almost impossible for the environment to penetrate this layer, which perfectly covers the entire structure, even on edges, as well as offering protection even in the event of scratches and cuts.

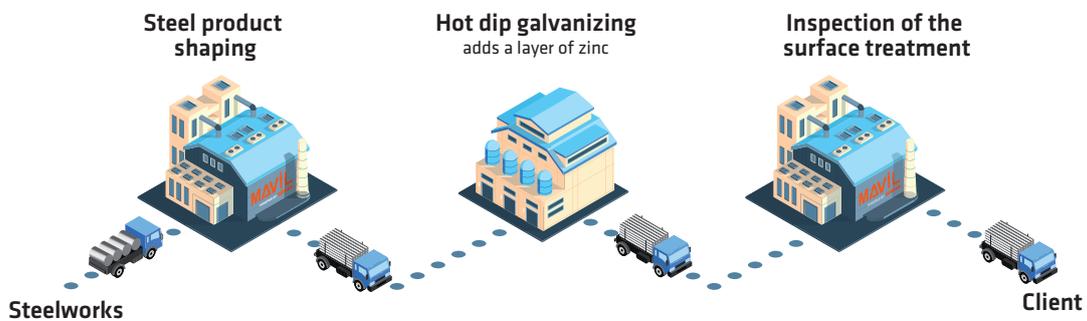
## A virtuous manufacturing process FOR THE ENVIRONMENT



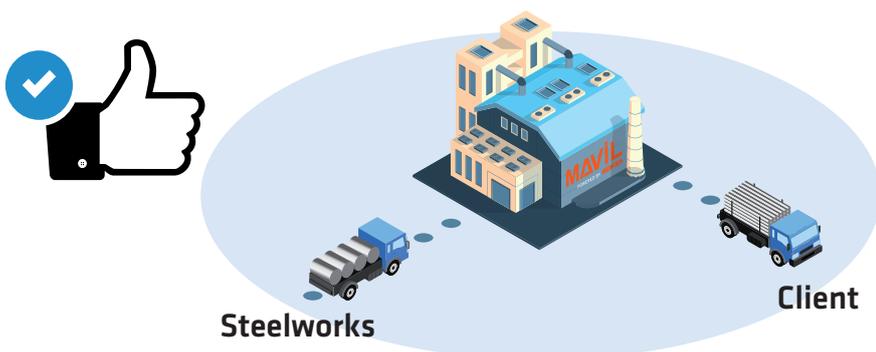
HP coating follows a slim manufacturing process, without the use of post-profiling hot galvanizing baths.

HP coating ensures preservation of natural resources as it reduces zinc dispersion and provides superior protection against corrosion.

### Hot dip galvanizing process



## Product manufactured in steel with HP coating



# TECHNICAL INFORMATION

## ● Compliance with the low voltage directive and CE MARKING

### Low Voltage Directive - CE Marking

Cable tray products are concerned by the Low Voltage Directive (LVD) 2014/35/EU of the European Parliament and of the Council of 26 February 2014 and as such subject to CE marking. Construction Products Regulation 305/2011 (CPR) is not implemented on our products.

This directive conditions the application of the CE mark. In particular, it requires that the products, built in accordance with best practices in terms of safety, guarantee the safety of people, pets and property in the context of non-defective installation and maintenance and use in accordance with their intended purpose. It also implies compliance of products with harmonized standards at the European level, where they exist.

The CE marking of our products is an indication of their compliance with this directive.

## ● Compliance with the NF MARK

The Gewiss MAVIL brand is one of the only manufacturers to go beyond simple compliance with the European standard. Indeed, MAVIL obtained the  mark for the BFR range.

This means that all data and characteristics of this range are subject to continuous checks (production controls, controls in the distribution network, site inspections) by approved external bodies. A guarantee of uncompromising quality.

## ● Compliance with the European IEC 61537 standard

### European Standard IEC 61537

The international standard IEC 61537, defines the demanding and rigorous test conditions for the mechanical performance of cable trays and cable ladders, intended for cable support and possibly other electrical equipment. Cable tray and ladder systems can be used for cable separation or bundling.

IEC 61537 does not apply to duct, cable-duct, and wireway systems.

The standard falls within the scope of Low Voltage Directive No. 2006/95/EC of 12/12/2006.

## ● Test method to determine SWL according to IEC 61537 (Type 3 test)

The primary function of the cable tray is to safely support cables for property and people and to ensure its effectiveness over time. Thus, each cable tray has an allowable load indicated in the catalogue and its product sheet.

This allowable load is the result of the test carried out under the conditions defined by IEC 61537. It corresponds to the load guaranteed by Gewiss France, i.e., an evenly distributed load expressed in daN/m.

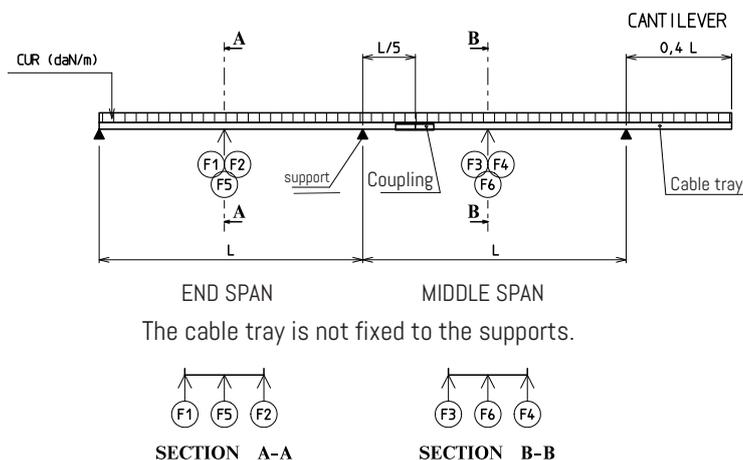
The standard allows a 1/100th deviation in the range, i.e., the distance between two supports.

E.g.: For a span of 2 m, the deviation allowed by the standard is 20 mm.

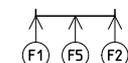
The cross-deviation of each span under the Safety Working Load (SWL) shall not exceed 1/20 of the width of the cable tray.

The cable tray must be capable of supporting 1.7 x SWL without collapsing.

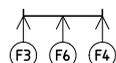
The breaking load is the cable tray collapse load.



The cable tray is not fixed to the supports.



SECTION A-A



SECTION B-B

F1, F2, F3, F4: longitudinal deviations  
F5, F6: transversal deviations

### Conditions verified on declaration of the SWL

- 1 - The working mid-range deviation of each span under SWL does not exceed 1/100 of the range.
- 2 - The cross-deviation of each span under the SWL does not exceed 1/20 of the width of the cable tray.
- 3 - When the load on the cable tray is increased up to 1.7 times the SWL, the SWL will support the load increase without collapse.

Note: SWL data is listed in the technical pages at the end of each range

## ● Rules for proper cable tray installation

- **Electrical continuity:** Mavil cable trays with couplers ensure electrical continuity in accordance with the normative provisions.
- **Earthing:** install the equipotential terminals required in accordance with the regulatory provisions to connect the copper braid along the cable tray.
- **Separation between signal cables and power cables:** use the appropriate dividers in compliance with the regulatory provisions to avoid electromagnetic interference.
- All elements of the system must be connected and installed by qualified people in accordance with the provisions of the technical standards and in compliance with the laws in force.

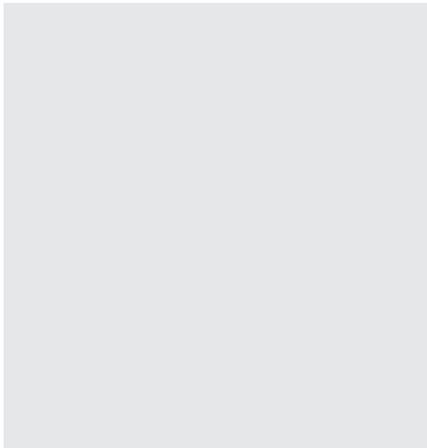


**ROUNDED EDGE**



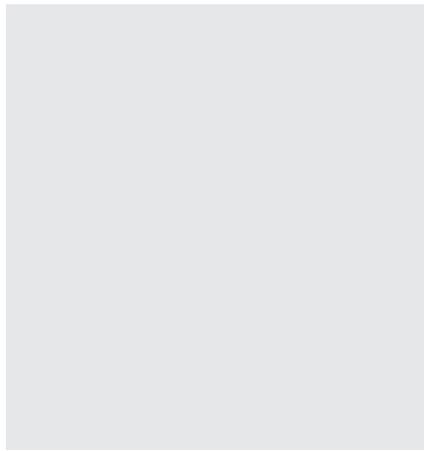
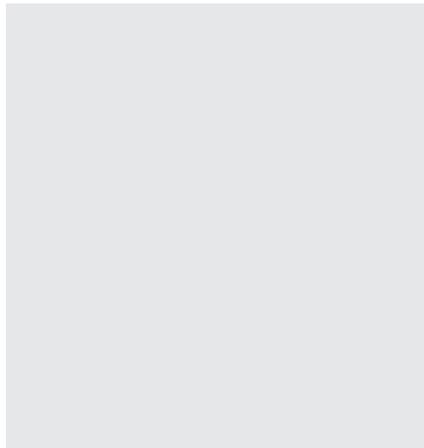
**SAFETY**

No risk of damage  
for the operator or cable



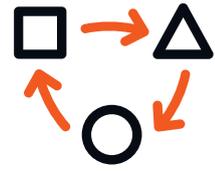
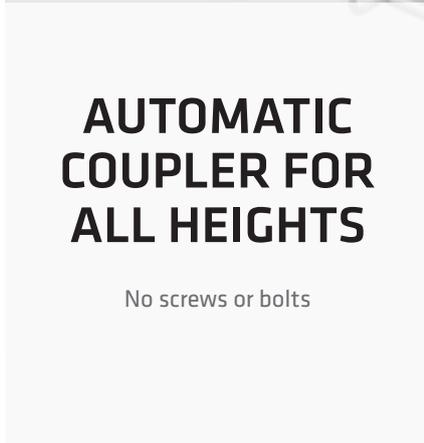
**EASY**

Simple and adaptable products



**AUTOMATIC  
COUPLER FOR  
ALL HEIGHTS**

No screws or bolts



**ADAPTABLE  
PRODUCT**

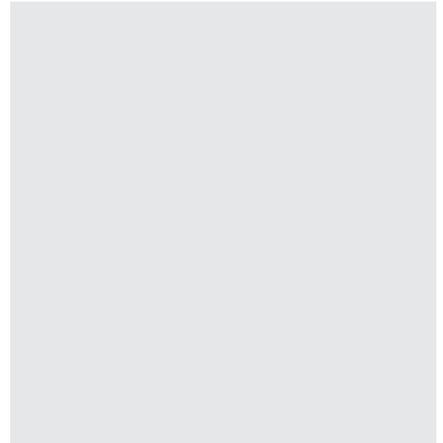
Cutting and easy-to-make  
shaped pieces



**DOUBLE  
WIRE WEFT**



**SAFETY**



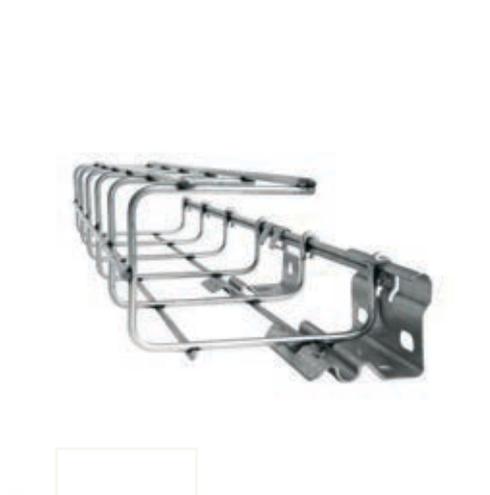


# Range **BFR**

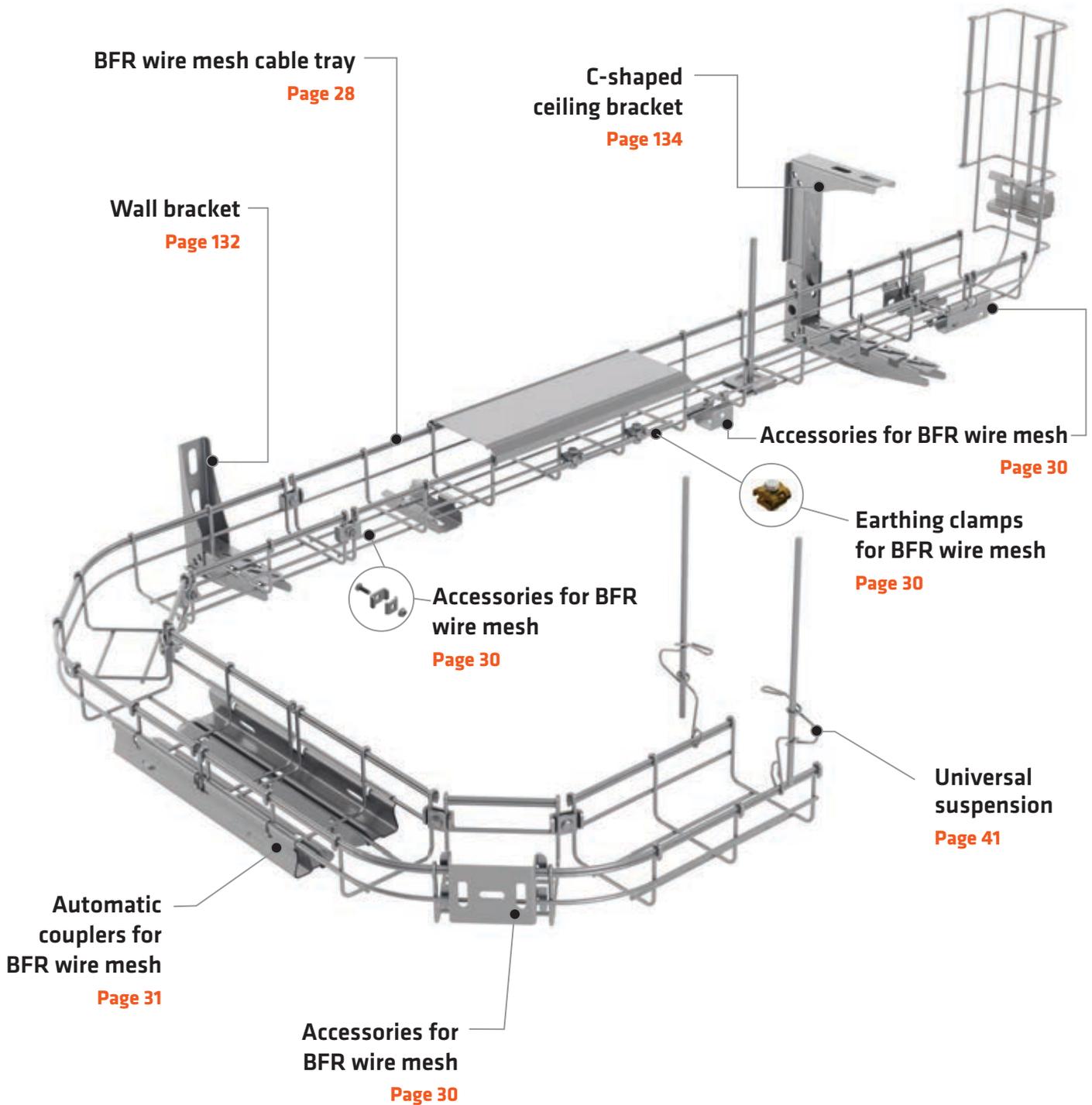
Welded steel wire mesh  
cable trays

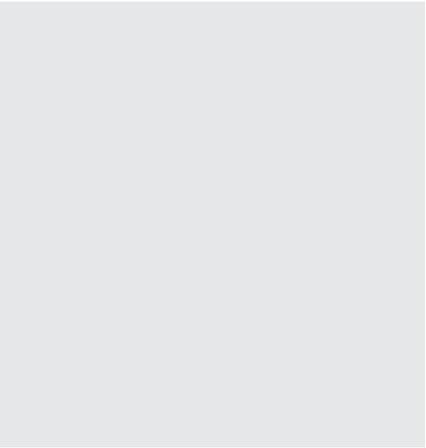
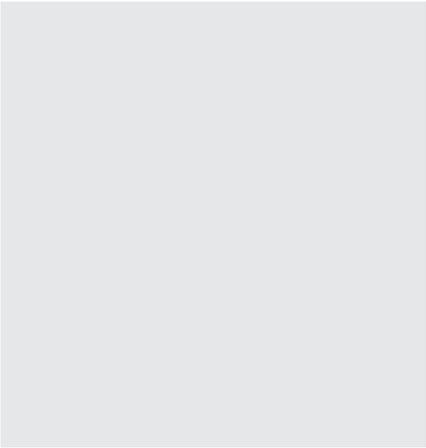
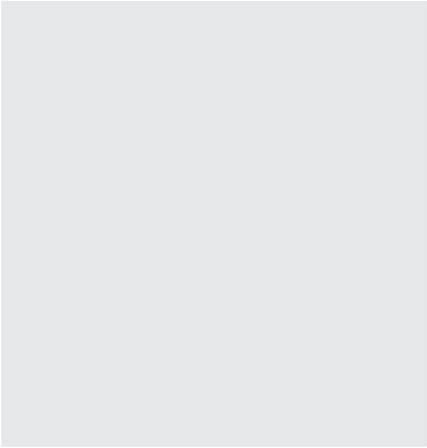
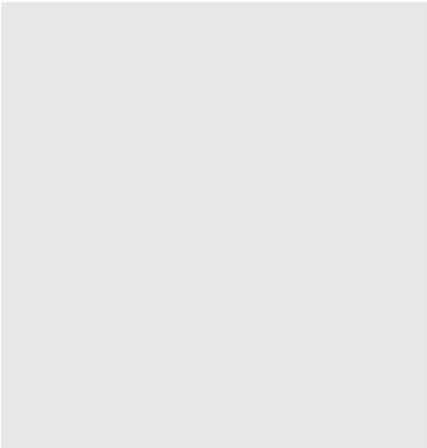
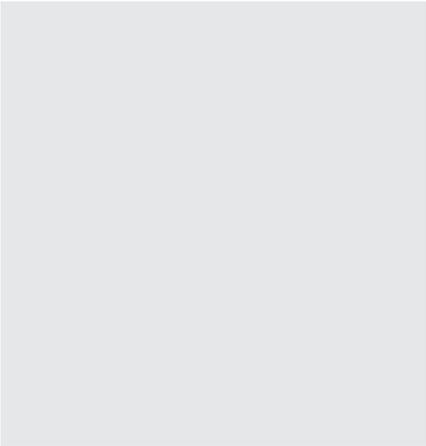


CERTIFIED 



# BFR layout scheme





# BFR Range Welded steel wire mesh cable trays

BFR Range

## BRF & accessories choosing guide



**Cable tray**  
(length 3m)



**Snap-on cover**  
(length 3m)  
(for edges or vertical installation use the cover clip)



**Divider**  
(length 3m)

	W x H (mm)	Z100	EZ	HDG	HP	Inox 304L	Inox 316L	Z275	HDG	HP	Inox 304L	Inox 316L	Z275	HDG	HP	Inox 316L
<b>BFR30</b>	50 x 30	MV50520	MV50420	MV50220	MV50720	MV50620	MV50820	MV50150	MV50250	MV50750	MV50650	MV50850	MV65110X	MV65210X	MV65710X	MV65810X
	100 x 30	MV50521	MV50421	MV50221	MV50721	MV50621	MV50821	MV50151	MV50251	MV50751	MV50651	MV50851				
	150 x 30	MV50522	MV50422	MV50222	MV50722	MV50622	MV50822	MV50152	MV50252	MV50752	MV50652	MV50852				
	200 x 30	MV50523	MV50423	MV50223	MV50723	MV50623	MV50823	MV50153	MV50253	MV50753	MV50653	MV50853				
	300 x 30	MV50525	MV50425	MV50225	MV50725	MV50625	MV50825	MV50155	MV50255	MV50755	MV50655	MV50855				
	400 x 30	MV50526	MV50426	MV50226	MV50726	MV50626	MV50826	MV50156	MV50256	MV50756	MV50656	MV50856				
	500 x 30	MV50527	MV50427	MV50227	MV50727	MV50627	MV50827	MV50157	MV50257	MV50757	MV50657	MV50857				
<b>BFR60</b>	50 x 60	MV50530	MV50430	MV50230	MV50730	MV50630	MV50830	MV50150	MV50250	MV50750	MV50650	MV50850	MV65111X	MV65211X	MV65711X	MV65811X
	100 x 60	MV50531	MV50431	MV50231	MV50731	MV50631	MV50831	MV50151	MV50251	MV50751	MV50651	MV50851				
	150 x 60	MV50532	MV50432	MV50232	MV50732	MV50632	MV50832	MV50152	MV50252	MV50752	MV50652	MV50852				
	200 x 60	MV50533	MV50433	MV50233	MV50733	MV50633	MV50833	MV50153	MV50253	MV50753	MV50653	MV50853				
	250 x 60	MV50534	MV50434	MV50234	MV50734	MV50634	MV50834	MV50154	MV50254	MV50754	MV50654	MV50854				
	300 x 60	MV50535	MV50435	MV50235	MV50735	MV50635	MV50835	MV50155	MV50255	MV50755	MV50655	MV50855				
	400 x 60	MV50536	MV50436	MV50236	MV50736	MV50636	MV50836	MV50156	MV50256	MV50756	MV50656	MV50856				
	500 x 60	MV50537	MV50437	MV50237	MV50737	MV50637	MV50837	MV50157	MV50257	MV50757	MV50657	MV50857				
600 x 60	MV50538	MV50438	MV50238	MV50738	MV50638	MV50838	MV50158	MV50258	MV50758	MV50658	MV50858					
<b>BFR110</b>	150 x 110	MV50542	MV50442	MV50242	MV50742	MV50642	MV50842	MV50152	MV50252	MV50752	MV50652	MV50852	MV65113X	MV65213X	MV65713X	MV65813X
	200 x 110	MV50543	MV50443	MV50243	MV50743	MV50643	MV50843	MV50153	MV50253	MV50753	MV50653	MV50853				
	300 x 110	MV50545	MV50445	MV50245	MV50745	MV50645	MV50845	MV50155	MV50255	MV50755	MV50655	MV50855				
	400 x 110	MV50546	MV50446	MV50246	MV50746	MV50646	MV50846	MV50156	MV50256	MV50756	MV50656	MV50856				
	500 x 110	MV50547	MV50447	MV50247	MV50747	MV50647	MV50847	MV50157	MV50257	MV50757	MV50657	MV50857				
	600 x 110	MV50548	MV50448	MV50248	MV50748	MV50648	MV50848	MV50158	MV50258	MV50758	MV50658	MV50858				

### Automatic couplers



EZ/Z275	HDG	HP
MV51110	MV51210	MV51710

### Cutting tools



<b>Bolt cutter</b>	MV51904
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### Wire mesh cable trays identification

Color	Label holder	White	Blue	Red	Green
		MV51947	MV51947B	MV51947R	MV51947G

### Earthing

	Earthing clamp	Earthing cable section in mm <sup>2</sup>									
		4	10	16	25	30	35	50	70	95	
	MV51949	YES									
	MV51948	YES									
<b>Bi-metal terminal</b>	MV41940		YES								
	MV41941			YES							
	MV41942			YES							
<b>BFR clip</b>	MV51950	YES									
		YES									

**CURVES**



**90° curve**



**45° curve**

	Width	EZ	Z100	HDG	HP	Inox 304L	EZ	Z100	HDG	HP	Inox 304L
<b>BFR30</b>	50	MV 52 420	MV 52 520	MV 52 220	MV 52 720	MV 52 620	MV 53 420	MV 53 520	MV 53 220	MV 53 720	MV 53 620
	100	MV 52 421	MV 52 521	MV 52 221	MV 52 721	MV 52 621	MV 53 421	MV 53 521	MV 53 221	MV 53 721	MV 53 621
	150	MV 52 422	MV 52 522	MV 52 222	MV 52 722	MV 52 622	MV 53 422	MV 53 522	MV 53 222	MV 53 722	MV 53 622
	200	MV 52 423	MV 52 523	MV 52 223	MV 52 723	MV 52 623	MV 53 423	MV 53 523	MV 53 223	MV 53 723	MV 53 623
	300	MV 52 425	MV 52 525	MV 52 225	MV 52 725	MV 52 625	MV 53 425	MV 53 525	MV 53 225	MV 53 725	MV 53 625
	400	MV 52 426	MV 52 526	MV 52 226	MV 52 726	MV 52 626	MV 53 426	MV 53 526	MV 53 226	MV 53 726	MV 53 626
	500	MV 52 427	MV 52 527	MV 52 227	MV 52 727	MV 52 627	MV 53 427	MV 53 527	MV 53 227	MV 53 727	MV 53 627
<b>BFR60</b>	50	MV 52 430	MV 52 530	MV 52 230	MV 52 730	MV 52 630	MV 53 430	MV 53 530	MV 53 230	MV 53 730	MV 53 630
	100	MV 52 431	MV 52 531	MV 52 231	MV 52 731	MV 52 631	MV 53 431	MV 53 531	MV 53 231	MV 53 731	MV 53 631
	150	MV 52 432	MV 52 532	MV 52 232	MV 52 732	MV 52 632	MV 53 432	MV 53 532	MV 53 232	MV 53 732	MV 53 632
	200	MV 52 433	MV 52 533	MV 52 233	MV 52 733	MV 52 633	MV 53 433	MV 53 533	MV 53 233	MV 53 733	MV 53 633
	250	MV 52 434	MV 52 534	MV 52 234	MV 52 734	MV 52 634	MV 53 434	MV 53 534	MV 53 234	MV 53 734	MV 53 634
	300	MV 52 435	MV 52 535	MV 52 235	MV 52 735	MV 52 635	MV 53 435	MV 53 535	MV 53 235	MV 53 735	MV 53 635
	400	MV 52 436	MV 52 536	MV 52 236	MV 52 736	MV 52 636	MV 53 436	MV 53 536	MV 53 236	MV 53 736	MV 53 636
500	MV 52 437	MV 52 537	MV 52 237	MV 52 737	MV 52 637	MV 53 437	MV 53 537	MV 53 237	MV 53 737	MV 53 637	
<b>BFR110</b>	150	MV 52 442	MV 52 542	MV 52 242	MV 52 742	MV 52 642	MV 53 442	MV 53 542	MV 53 242	MV 53 742	MV 53 642
	200	MV 52 443	MV 52 543	MV 52 243	MV 52 743	MV 52 643	MV 53 443	MV 53 543	MV 53 243	MV 53 743	MV 53 643
	300	MV 52 445	MV 52 545	MV 52 245	MV 52 745	MV 52 645	MV 53 445	MV 53 545	MV 53 245	MV 53 745	MV 53 645
	400	MV 52 446	MV 52 546	MV 52 246	MV 52 746	MV 52 646	MV 53 446	MV 53 546	MV 53 246	MV 53 746	MV 53 646
	500	MV 52 447	MV 52 547	MV 52 247	MV 52 747	MV 52 647	MV 53 447	MV 53 547	MV 53 247	MV 53 747	MV 53 647

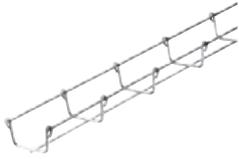


**Bolt and nut**

	EZ	GEOMET
6x10	MV 66 100	MV 66 200
6x14	MV 66 101	MV 66 201
6x20	MV 66 403	MV 66 203

## Detailed code tables

### BFR 30



MV 50 520

#### WIRE MESH CABLE TRAY - 3 METERS - HEIGHT 30

Code	Product in stock	Internal width (mm)	Kg/m	Packing details
<b>FINISHING: Z 100</b>				
MV 50 520	•	50	0.386	30
MV 50 521	•	100	0.515	30
MV 50 522	•	150	0.822	18
MV 50 523	•	200	0.951	12
MV 50 525	•	300	1.768	6
MV 50 526	•	400	2.288	6
MV 50 527	•	500	3.02	6
<b>FINISHING: EZ</b>				
MV 50 420	•	50	0.386	30
MV 50 421	•	100	0.515	30
MV 50 422	•	150	0.822	18
MV 50 423	•	200	0.951	12
MV 50 425	•	300	1.768	6
MV 50 426	•	400	2.288	6
MV 50 427	•	500	3.02	6
<b>FINISHING: HDG</b>				
MV 50 220	•	50	0.386	30
MV 50 221	•	100	0.515	30
MV 50 222	•	150	0.822	18
MV 50 223	•	200	0.951	12
MV 50 225	•	300	1.768	6
MV 50 226	•	400	2.288	6
MV 50 227	•	500	3.02	6
<b>FINISHING: HP</b>				
MV 50 720	•	50	0.386	30
MV 50 721	•	100	0.515	30
MV 50 722	•	150	0.822	18
MV 50 723	•	200	0.951	12
MV 50 725	•	300	1.768	6
MV 50 726	•	400	2.288	6
MV 50 727	•	500	3.02	6
<b>FINISHING: INOX 304L</b>				
MV 50 620	•	50	0.386	30
MV 50 621	•	100	0.515	30
MV 50 622	•	150	0.822	18
MV 50 623	•	200	0.951	12
MV 50 625	•	300	1.768	6
MV 50 626	•	400	2.288	6
MV 50 627	•	500	3.02	6
<b>FINISHING: INOX 316L</b>				
MV 50 820	•	50	0.386	30
MV 50 821	•	100	0.515	30
MV 50 822	•	150	0.822	18
MV 50 823	•	200	0.951	12
MV 50 825	•	300	1.768	6
MV 50 826	•	400	2.288	6
MV 50 827	•	500	3.02	6

NOTE: Available in Epoxy on request.

NOTE: Inner height: 33 mm.

Overall height: 41 mm.

#### BFR 30-60-110 AUTOMATIC COUPLER

Code	Product in stock	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 51 110	•	0.34	50
<b>FINISHING: HDG</b>			
MV 51 210	•	0.34	50
<b>FINISHING: HP</b>			
MV 51 710	•	0.34	50

NOTE: Coupler compliant with IEC 61537 for electrical continuity.

Available in Epoxy on request.

Use 2 automatic couplers to connect 2 cable trays (except for BFR cable trays width 50: 1 coupler per junction).

Stainless steel: ECO BFR30-60 automatic coupler see p34



MV 51 110

**WIRE MESH CABLE TRAY WITH PRE-MOUNTED COUPLERS - 3 METERS - HEIGHT 30**



Code	Internal width (mm)	Kg/m	Packing details
<b>FINISHING: Z100</b>			
MV 50 570	50	0.443	30
MV 50 571	100	0.572	30
MV 50 572	150	0.878	18
MV 50 573	200	1.008	12
MV 50 575	300	1.821	6
MV 50 576	400	2.341	6
MV 50 577	500	3.073	6
<b>FINISHING: EZ</b>			
MV 50 470	50	0.443	30
MV 50 471	100	0.572	30
MV 50 472	150	0.878	18
MV 50 473	200	1.008	12
MV 50 475	300	1.821	6
MV 50 476	400	2.341	6
MV 50 477	500	3.073	6
<b>FINISHING: HDG</b>			
MV 50 270	50	0.443	30
MV 50 271	100	0.572	30
MV 50 272	150	0.878	18
MV 50 273	200	1.008	12
MV 50 275	300	1.821	6
MV 50 276	400	2.341	6
MV 50 277	500	3.073	6
<b>FINISHING: HP</b>			
MV 50 770	50	0.443	30
MV 50 771	100	0.572	30
MV 50 772	150	0.878	18
MV 50 773	200	1.008	12
MV 50 775	300	1.821	6
MV 50 776	400	2.341	6
MV 50 777	500	3.073	6
<b>FINISHING: INOX 304L</b>			
MV 50 670	50	0.443	3/30
MV 50 671	100	0.572	3/30
MV 50 672	150	0.878	3/18
MV 50 673	200	1.008	3/12
MV 50 675	300	1.821	3/6
MV 50 676	400	2.341	6
MV 50 677	500	3.073	6
<b>FINISHING: INOX 316L</b>			
MV 50 870	50	0.443	3/30
MV 50 871	100	0.572	3/30
MV 50 872	150	0.878	3/18
MV 50 873	200	1.008	3/12
MV 50 875	300	1.821	3/6
MV 50 876	400	2.341	6
MV 50 877	500	3.073	6

**NOTE:** Each 3 m length comes with its own coupling system.  
Coupling is achieved by shifting the couplers on the junction.  
Electrical continuity of the coupling is ensured.

# BFR Range Welded steel wire mesh cable trays

## BFR 60



### WIRE MESH CABLE TRAY - 3 METERS - HEIGHT 60

Code	Product in stock	Internal width (mm)	Kg/m	Packing details
<b>FINISHING: Z 100</b>				
MV 50 530	•	50	0.614	24
MV 50 531	•	100	0.744	24
MV 50 532	•	150	0.873	12
MV 50 533	•	200	1.178	12
MV 50 534	•	250	1.489	6
MV 50 535	•	300	1.809	6
MV 50 536	•	400	2.865	6
MV 50 537	•	500	3.686	6
MV 50 538	•	600	4.135	6
<b>FINISHING: EZ</b>				
MV 50 430	•	50	0.614	24
MV 50 431	•	100	0.744	24
MV 50 432	•	150	0.873	12
MV 50 433	•	200	1.178	12
MV 50 434	•	250	1.489	6
MV 50 435	•	300	1.809	6
MV 50 436	•	400	2.865	6
MV 50 437	•	500	3.686	6
MV 50 438	•	600	4.135	6
<b>FINISHING: HDG</b>				
MV 50 230	•	50	0.614	24
MV 50 231	•	100	0.744	24
MV 50 232	•	150	0.873	12
MV 50 233	•	200	1.178	12
MV 50 234	•	250	1.489	6
MV 50 235	•	300	1.809	6
MV 50 236	•	400	2.865	6
MV 50 237	•	500	3.686	6
MV 50 238	•	600	4.135	6
<b>FINISHING: HP</b>				
MV 50 730	•	50	0.614	24
MV 50 731	•	100	0.744	24
MV 50 732	•	150	0.873	12
MV 50 733	•	200	1.178	12
MV 50 734	•	250	1.489	6
MV 50 735	•	300	1.809	6
MV 50 736	•	400	2.865	6
MV 50 737	•	500	3.686	6
MV 50 738	•	600	4.135	6
<b>FINISHING: INOX 304L</b>				
MV 50 630	•	50	0.614	24
MV 50 631	•	100	0.744	24
MV 50 632	•	150	0.873	12
MV 50 633	•	200	1.178	12
MV 50 634	•	250	1.489	3/6
MV 50 635	•	300	1.809	6
MV 50 636	•	400	2.865	6
MV 50 637	•	500	3.686	6
MV 50 638	•	600	4.135	6
<b>FINISHING: INOX 316L</b>				
MV 50 830	•	50	0.614	24
MV 50 831	•	100	0.744	24
MV 50 832	•	150	0.873	12
MV 50 833	•	200	1.178	12
MV 50 834	•	250	1.489	3/6
MV 50 835	•	300	1.809	6
MV 50 836	•	400	2.865	6
MV 50 837	•	500	3.686	6
MV 50 838	•	600	4.135	6

NOTE: Available in Epoxy on request.

NOTE: Inner height: 66 mm.

Overall height: 75 mm.

### BFR 30-60-110 AUTOMATIC COUPLER

Code	Product in stock	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 51 110	•	0.34	50
<b>FINISHING: HDG</b>			
MV 51 210	•	0.34	50
<b>FINISHING: HP</b>			
MV 51 710	•	0.34	50

NOTE: Coupler compliant with IEC 61537 for electrical continuity.

Available in Epoxy on request.

Use 2 automatic couplers to connect 2 cable trays (except for BFR cable trays width 50: 1 coupler per junction).

Stainless steel: ECO BFR30-60 automatic coupler see p34



MV 51 110



MV 50 580

**WIRE MESH CABLE TRAY WITH PRE-MOUNTED COUPLERS - 3 METERS - HEIGHT 60**

Code	Product in stock	Internal width (mm)	Kg/m	Packing details
<b>FINISHING: Z100</b>				
MV 50 580	●	50	0.671	24
MV 50 581	●	100	0.8	24
MV 50 582	●	150	0.93	12
MV 50 583	●	200	1.235	12
MV 50 584		250	1.546	6
MV 50 585	●	300	1.868	6
MV 50 586		400	2.918	6
MV 50 587	●	500	3.739	6
MV 50 588		600	4.188	6
<b>FINISHING: EZ</b>				
MV 50 480	●	50	0.671	24
MV 50 481	●	100	0.8	24
MV 50 482	●	150	0.93	12
MV 50 483	●	200	1.235	12
MV 50 484		250	1.546	6
MV 50 485	●	300	1.868	6
MV 50 486	●	400	2.918	6
MV 50 487	●	500	3.739	6
MV 50 488		600	4.188	6
<b>FINISHING: HDG</b>				
MV 50 280		50	0.671	24
MV 50 281		100	0.8	24
MV 50 282		150	0.93	12
MV 50 283		200	1.235	12
MV 50 284		250	1.546	6
MV 50 285		300	1.868	6
MV 50 286		400	2.918	6
MV 50 287		500	3.739	6
MV 50 288		600	4.188	6
<b>FINISHING: HP</b>				
MV 50 780		50	0.671	24
MV 50 781		100	0.8	24
MV 50 782		150	0.93	12
MV 50 783		200	1.235	12
MV 50 784		250	1.546	6
MV 50 785		300	1.868	6
MV 50 786		400	2.918	6
MV 50 787		500	3.739	6
MV 50 788		600	4.188	6
<b>FINISHING: INOX 304L</b>				
MV 50 680		50	0.671	3/24
MV 50 681		100	0.8	3/24
MV 50 682		150	0.93	3/12
MV 50 683		200	1.235	3/12
MV 50 684		250	1.546	3/6
MV 50 685		300	1.868	3/6
MV 50 686		400	2.918	3/6
MV 50 687		500	3.739	3/6
MV 50 688		600	4.188	3/6
<b>FINISHING: INOX 316L</b>				
MV 50 880		50	0.671	3/24
MV 50 881		100	0.8	3/24
MV 50 882		150	0.93	3/12
MV 50 883		200	1.235	3/12
MV 50 884		250	1.546	3/6
MV 50 885		300	1.868	3/6
MV 50 886		400	2.918	3/6
MV 50 887		500	3.739	3/6
MV 50 888		600	4.188	3/6

**NOTE:** Each 3 m length comes with its own coupling system.  
Coupling is achieved by shifting the couplers on the junction.  
Electrical continuity of the coupling is ensured.

# BFR Range Welded steel wire mesh cable trays

## BFR 110



MV 50 543

### WIRE MESH CABLE TRAY - 3 METERS - HEIGHT 110

Code	Product in stock	Internal width (mm)	Kg/m	Packing details
<b>FINISHING: Z 100</b>				
MV 50 542		150	1.488	12
MV 50 543		200	1.809	6
MV 50 545		300	2.865	6
MV 50 546		400	3.686	6
MV 50 547		500	4.135	6
MV 50 548		600	4.584	6
<b>FINISHING: EZ</b>				
MV 50 442		150	1.488	12
MV 50 443	•	200	1.809	6
MV 50 445	•	300	2.865	6
MV 50 446		400	3.686	6
MV 50 447	•	500	4.135	6
MV 50 448		600	4.584	6
<b>FINISHING: HDG</b>				
MV 50 242		150	1.488	12
MV 50 243		200	1.809	6
MV 50 245		300	2.865	6
MV 50 246		400	3.686	6
MV 50 247		500	4.135	6
MV 50 248		600	4.584	6
<b>FINISHING: HP</b>				
MV 50 742		150	1.488	12
MV 50 743		200	1.809	6
MV 50 745		300	2.865	6
MV 50 746		400	3.686	6
MV 50 747		500	4.135	6
MV 50 748		600	4.584	6
<b>FINISHING: INOX 304L</b>				
MV 50 642		150	1.488	12
MV 50 643		200	1.809	6
MV 50 645		300	2.865	6
MV 50 646		400	3.686	6
MV 50 647		500	4.135	6
MV 50 648		600	4.584	6
<b>FINISHING: INOX 316L</b>				
MV 50 842		150	1.488	12
MV 50 843		200	1.809	6
MV 50 845		300	2.865	6
MV 50 846		400	3.686	6
MV 50 847		500	4.135	6
MV 50 848		600	4.584	6

NOTE: Available in Epoxy on request.

NOTE: Inner height: 115 mm.

Overall height: 125 mm.

### BFR 30-60-110 AUTOMATIC COUPLER

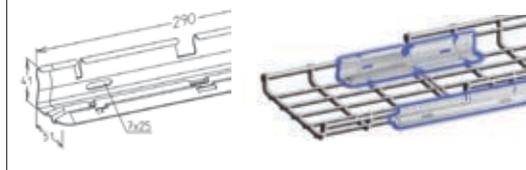
Code	Product in stock	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 51 110	•	0.34	50
<b>FINISHING: HDG</b>			
MV 51 210	•	0.34	50
<b>FINISHING: HP</b>			
MV 51 710		0.34	50

NOTE: Coupler compliant with IEC 61537 for electrical continuity.

Available in Epoxy on request.

Use 2 automatic couplers to connect 2 cable trays (except for BFR cable trays width 50: 1 coupler per junction).

#### TECHNICAL DATA SHEET



MV 51 110

**EARTHING**



MV 51 949

**EARTHING CLAMP**

Code	Product in stock	For cables Ø (mm)	Weight (kg)	Packing details
MV 51 949	•	from 4 to 8	0.03	50
MV 51 948	•	from 10 to 50	0.05	25



MV 41 940

**EARTHING TERMINAL**

Code	Product in stock	Type	Ø (mm)	Height (mm)	Nominal section in mm <sup>2</sup>	Kg/u	Packing details
MV 41 940	•	Terminal kit + 2 washers	17	20	16-25	0.48	10/250
MV 41 941	•	Terminal kit + 2 washers	21	26	25-70	0.7	10
MV 41 942		Terminal kit + 2 washers	24	30	25-95	0.94	10/200
MV 41 943		Terminal only	17	20	16-25	0.382	10/250
MV 41 944		Terminal only	21	26	25-70	0.606	10/200
MV 41 945		Terminal only	24	30	25-95	0.845	10/200
MV 41 947		Bi-metal washer	-	-	-	0.005	100

**NOTE:** In order to prevent any risk of corrosion due to the electrochemical coupling between the earthing terminals and the coating of the cable trays, is required to use two bi-metal washers per terminal, placing the grey side of the washers on the cable tray side.



MV 51 950

**BFR CLIP**

Code	Nominal section in mm <sup>2</sup>	Kg/u	Packing details
MV 51 950	16-35	0.18	40



# BFR Range Welded steel wire mesh cable trays

## COUPLERS



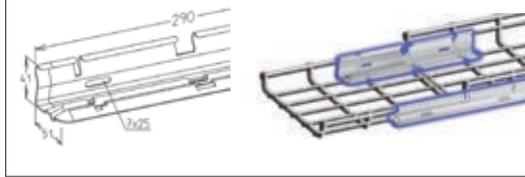
MV 51 110

### BFR 30-60-110 AUTOMATIC COUPLER

Code	Product in stock	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 51 110	•	0.34	50
<b>FINISHING: HDG</b>			
MV 51 210	•	0.34	50
<b>FINISHING: HP</b>			
MV 51 710		0.34	50

**NOTE:** Coupler compliant with IEC 61537 for electrical continuity.  
Available in Epoxy on request.  
Use 2 automatic couplers to connect 2 cable trays (except for BFR cable trays width 50: 1 coupler per junction).

#### TECHNICAL DATA SHEET



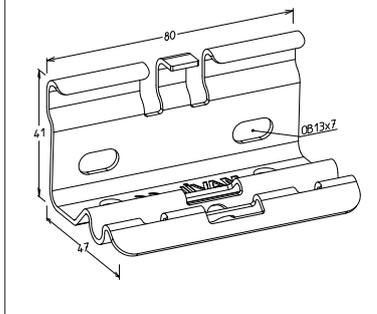
MV 51 113

### ECO BFR 30-60 AUTOMATIC COUPLER

Code	Compatible cable tray widths	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 51 113	50/100/150/200	0.08	50
MV 51 114	250/300/600	0.08	50
MV 51 115	400/500	0.08	50
<b>FINISHING: HDG</b>			
MV 51 213	50/100/150/200	0.08	50
MV 51 214	250/300/600	0.08	50
MV 51 215	400/500	0.08	50
<b>FINISHING: HP</b>			
MV 51 713	50/100/150/200	0.08	50
MV 51 714	250/300/600	0.08	50
MV 51 715	400/500	0.08	50
<b>FINISHING: INOX 316L</b>			
MV 51 813	50/100/150/200	0.08	50
MV 51 814	250/300/600	0.08	50
MV 51 815	400/500	0.08	50

**NOTE:** Coupler compliant with IEC 61537 for electrical continuity.

#### TECHNICAL DATA SHEET





MV 51 110

**COLORED COUPLER**

Code	Color	Packing details
MV 51 310 W	White RAL 9010	50
MV 51 310 R	Red RAL 3020	50
MV 51 310 Y	Yellow RAL 1021	50
MV 51 310 B	Blue RAL 5015	50
MV 51 310 N	Matt black RAL 9005	50

**NOTE:** Coupler compliant with IEC 61537 for electrical continuity.  
Available in Epoxy on request.

Use 2 automatic couplers to connect 2 cable trays (except for BFR cable trays width 50: 1 coupler per junction).



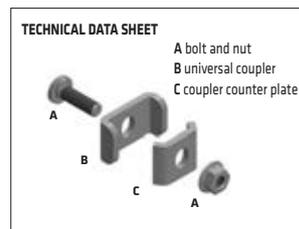
MV 51 420

**UNIVERSAL COUPLER**

Code	Product in stock	Description	Dimension	Packing details
<b>FINISHING: EZ</b>				
MV 51 420	•	Universal coupler (B)		100
MV 51 421	•	Coupler counter plate (C)		100
MV 66 403	•	Bolt and nut (A)	M6x20	100
<b>FINISHING: GEOMET</b>				
MV 51 220	•	Universal coupler (B)		100
MV 51 221	•	Coupler counter plate (C)		100
MV 66 203	•	Bolt and nut (A)	M6x20	100
<b>FINISHING: INOX 316L</b>				
MV 51 820	•	Universal coupler (B)		50
MV 51 821	•	Coupler counter plate (C)		50
MV 66 820	•	Bolt and nut (A)	M6x20	100

**NOTE:** Two couplers for width 200, three couplers for width 300, four couplers for width 400 and five couplers for widths 500 and 600.

**Additional information:** Use with coupler counter plate with welded stud type MV51422 (Z275) or MV51222 (HDC) or MV51822 (stainless steel) .



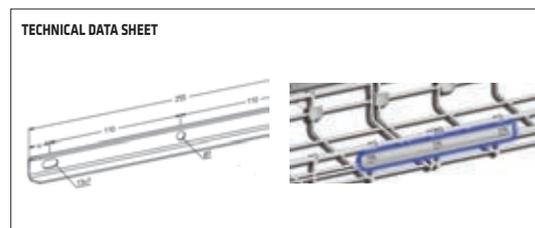
MV 51 123

**BFR 30 - 60 - 110 BOLT COUPLER**

Code	Kg/u	Packing details
<b>FINISHING: Z275</b>		
MV 51 123	0.096	100
<b>FINISHING: HDG</b>		
MV 51 223	0.096	30
<b>FINISHING: INOX 316L</b>		
MV 51 823	0.096	100

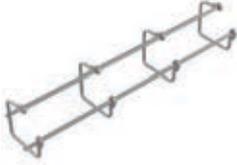
**NOTE:** Two couplers for width 200, three couplers for width 300, four couplers for width 400 and five couplers for widths 500 and 600.

**Additional information:** Use with coupler counter plate with welded stud type MV51422 (Z275) or MV51222 (HDC) or MV51822 (stainless steel) .



# BFR Range Welded steel wire mesh cable trays

## BFRG 50



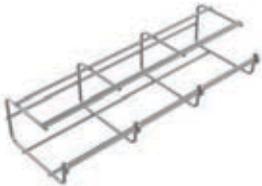
MV 52 400

### BFR G CABLE TRAY WITH DIRECT FASTENING - 3 METERS - HEIGHT 50

Code	Width (mm)	Kg/m	Packing details
<b>FINISHING: Z100</b>			
MV 52 500	50	0.52	6
<b>FINISHING: EZ</b>			
MV 52 400	50	0.52	6
<b>FINISHING: HDG</b>			
MV 52 200	50	0.52	6
<b>FINISHING: HP</b>			
MV 52 700	50	0.52	6
<b>FINISHING: INOX 304L</b>			
MV 52 600	50	0.52	6
<b>FINISHING: INOX 316L</b>			
MV 52 800	50	0.52	6

NOTE: Direct wall fastening with BFR Multi-Use: MV 51 101 Ez or MV 51 201 HDG.

## BFRG 60



MV 52 501

### BFR G CABLE TRAY WITH DIRECT FASTENING - 3 METERS - HEIGHT 60

Code	Width (mm)	Kg/m	Packing details
<b>FINISHING: Z100</b>			
MV 52 501	100	0.929	6
MV 52 502	200	1.036	6
<b>FINISHING: EZ</b>			
MV 52 401	100	0.929	6
MV 52 402	200	1.036	6
<b>FINISHING: HDG</b>			
MV 52 201	100	0.929	6
MV 52 202	200	1.036	6
<b>FINISHING: HP</b>			
MV 52 701	100	0.929	6
MV 52 702	200	1.036	6
<b>FINISHING: INOX 304L</b>			
MV 52 601	100	0.929	6
MV 52 602	200	1.036	6
<b>FINISHING: INOX 316L</b>			
MV 52 801	100	0.929	6
MV 52 802	200	1.036	6

NOTE: Fastening with suspension clamp type MV 51 102 Z275 or MV 51 202 HDG.

**BFRG 110**



MV 52 503

**BFR G CABLE TRAY WITH DIRECT FASTENING - 3 METERS - HEIGHT 110**

Code	Width (mm)	Kg/m	Packing details
<b>FINISHING: Z100</b>			
MV 52 503	150	1.764	6
<b>FINISHING: EZ</b>			
MV 52 403	150	1.764	6
<b>FINISHING: HDG</b>			
MV 52 203	150	1.764	6
<b>FINISHING: HP</b>			
MV 52 703	150	1.764	6
<b>FINISHING: INOX 304L</b>			
MV 52 603	150	1.764	6
<b>FINISHING: INOX 316L</b>			
MV 52 803	150	1.764	6

NOTE: Fastening with suspension clamp type MV 51 102 Z275 or MV 51 202 Gc.



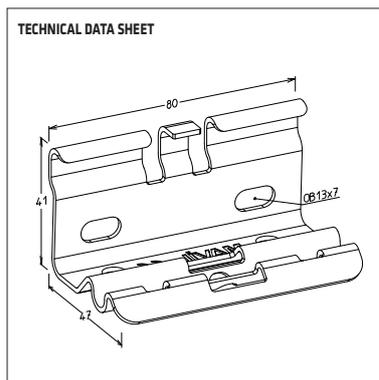
MV 51 113

**ECO BFR 30-60 AUTOMATIC COUPLER**

Code	Compatible cable tray widths	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 51 113	50/100/150/200	0.08	50
MV 51 114	250/300/600	0.08	50
MV 51 115	400/500	0.08	50
<b>FINISHING: HDG</b>			
MV 51 213	50/100/150/200	0.08	50
MV 51 214	250/300/600	0.08	50
MV 51 215	400/500	0.08	50
<b>FINISHING: HP</b>			
MV 51 713	50/100/150/200	0.08	50
MV 51 714	250/300/600	0.08	50
MV 51 715	400/500	0.08	50
<b>FINISHING: INOX 316L</b>			
MV 51 813	50/100/150/200	0.08	50
MV 51 814	250/300/600	0.08	50
MV 51 815	400/500	0.08	50

NOTE: Coupler compliant with IEC 61537 for electrical continuity.

**TECHNICAL DATA SHEET**



# BFR Range Welded steel wire mesh cable trays

## BFR COVER



MV 50 153

### SNAP-ON COVER - 3 METERS

Code	Product in stock	Width (mm)	Kg/m	Packing details
<b>FINISHING: Z275</b>				
MV 50 150	•	50	0.621	30
MV 50 151	•	100	0.87	18
MV 50 152	•	150	1.118	18
MV 50 153	•	200	1.367	18
MV 50 154	•	250	1.616	18
MV 50 155	•	300	1.864	12
MV 50 156	•	400	2.984	12
MV 50 157	•	500	3.612	6
MV 50 158	•	600	4.24	6
<b>FINISHING: HDG</b>				
MV 50 250	•	50	0.621	30
MV 50 251	•	100	0.87	18
MV 50 252	•	150	1.118	18
MV 50 253	•	200	1.367	18
MV 50 254	•	250	1.616	18
MV 50 255	•	300	1.864	12
MV 50 256	•	400	2.984	12
MV 50 257	•	500	3.612	6
MV 50 258	•	600	4.24	6
<b>FINISHING: HP</b>				
MV 50 750	•	50	0.621	3/30
MV 50 751	•	100	0.87	3/18
MV 50 752	•	150	1.118	3/18
MV 50 753	•	200	1.367	3/18
MV 50 754	•	250	1.616	3/18
MV 50 755	•	300	1.864	3/12
MV 50 756	•	400	2.984	3/12
MV 50 757	•	500	3.612	3/6
MV 50 758	•	600	4.24	6
<b>FINISHING: INOX 304L</b>				
MV 50 650	•	50	0.621	30
MV 50 651	•	100	0.87	18
MV 50 652	•	150	1.118	18
MV 50 653	•	200	1.367	18
MV 50 654	•	250	1.616	3/18
MV 50 655	•	300	1.864	12
MV 50 656	•	400	2.984	12
MV 50 657	•	500	3.612	6
MV 50 658	•	600	4.24	6
<b>FINISHING: INOX 316L</b>				
MV 50 850	•	50	0.621	30
MV 50 851	•	100	0.87	18
MV 50 852	•	150	1.118	18
MV 50 853	•	200	1.367	18
MV 50 854	•	250	1.616	3/18
MV 50 855	•	300	1.864	12
MV 50 856	•	400	2.984	12
MV 50 857	•	500	3.612	6
MV 50 858	•	600	4.24	6

NOTE: Available in Epoxy on request.

NOTE: The cover snaps into place with a simple press. For vertical installation >45°, positioning on edges, or external installation, the use of clips is mandatory (4 clips per cover).

## COVER ACCESSORY



MV 41 603

### BFR COVER CLIP

Code	Product in stock	For BFR	Packing details
<b>FINISHING: INOX 304L</b>			
MV 41 601	•	30	10
MV 41 603	•	60 - 110	10
<b>FINISHING: INOX 316L</b>			
MV 41 801	•	30	10/500
MV 41 803	•	60 - 110	10/500

IMPORTANT: The clip is mandatory:

- 1) For cable trays in a vertical position.
- 2) For positioning on edges.
- 3) For outdoor installation

**BFR DIVIDER**

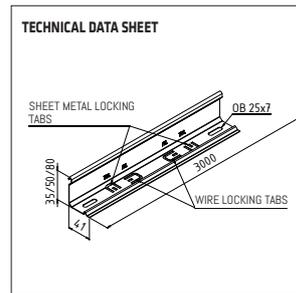


MV 65 110 X

**DIVIDER - 3 METERS**

Code	Product in stock	For BFR	Kg/m	Packing details
<b>FINISHING: Z275</b>				
MV 65 110 X		30	0.484	30
MV 65 111 X	•	60	0.571	30
MV 65 113 X		110	0.741	30
<b>FINISHING: HDG</b>				
MV 65 210 X		30	0.484	30
MV 65 211 X	•	60	0.571	30
MV 65 213 X		110	0.741	30
<b>FINISHING: HP</b>				
MV 65 710 X		30	0.484	30
MV 65 711 X		60	0.571	30
MV 65 713 X		110	0.741	30
<b>FINISHING: INOX 304L</b>				
MV 65 610 X		30	0.484	30
MV 65 611 X		60	0.571	30
MV 65 613 X		110	0.741	30
<b>FINISHING: INOX 316L</b>				
MV 65 810 X		30	0.484	30
MV 65 811 X		60	0.571	30
MV 65 813 X		110	0.741	30

NOTE: Available in Epoxy on request.



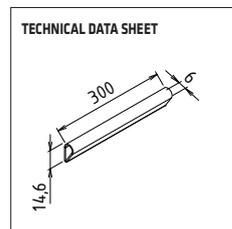
**PROTECTION JOINT**

Code	Finishing	Packing details
MV 65 719	PVC	50

Tool-free installation to ensure perfect alignment of the rounded edge of the dividers between two pieces.



MV 65 719



# BFR Range Welded steel wire mesh cable trays

## JUNCTION ELEMENTS

### AUTOMATIC EQUIPMENT



MV 51 943

#### AUTOMATIC SPEEDYCURVA

Code	Description	Weight (kg)	Packing details
MV 51 943	Automatic tooling for cutting and folding the horizontal curves	340	1

**CHARACTERISTICS:** closed dimensions (WxHxD) 800x900x900 mm, open dimensions (WxHxD) 1400x900x900 mm, 400V - 3P+T power supply, 1.1 kW consumption, fitted with wheels.

Reference standards: Machinery Directive 89/392/EEC safety standard EN 294, EN 349.

2 functions in a single machine:

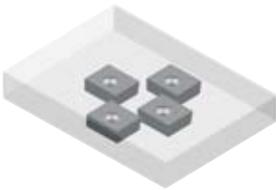
- Folding station;
- Cutting station.

Machined curves for superior mechanical resistance (no multiple cuts).

The lack of cutting increases corrosion resistance and prevents injury to assembly technicians, as well as the destruction of cable insulation.

The bends have a more aesthetic appearance.

## REPLACEMENT PARTS



MV 51 945

#### TOOLS KIT

Code	Description	Suitable for	Packing details
MV 51 945	Replacement tools kit	Automatic speedycurva	1

**FIXING AND SUSPENDING ACCESSORIES**

**FLAT STRIP**

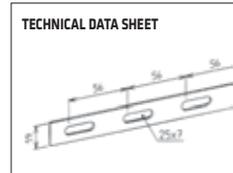


MV 65 124

**FLAT STRIP - 1 METER**

Code	Product in stock	Width (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 65 124	•	19	0.256	30
<b>FINISHING: HDG</b>				
MV 65 224		19	0.256	30

NOTE: Enables you to make your own junctions of variable radius.



**COUNTER PLATE**



MV 51 422

**COUNTER PLATE WITH WELDED BOLT AND NUT**

Code	Product in stock	Kg/u	Packing details
<b>FINISHING: EZ</b>			
MV 51 422	•	0.018	100
<b>FINISHING: GEOMET</b>			
MV 51 222	•	0.018	100
<b>FINISHING: INOX 316L</b>			
MV 51 822		0.018	50

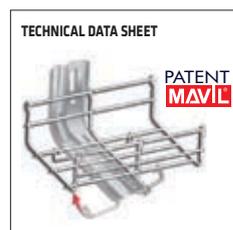
**FILMATIC**



MV 51 100

**FIXING ON OMEGA - FILMATIC BRACKETS**

Code	Product in stock	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 51 100	•	0.009	10
<b>FINISHING: HP</b>			
MV 51 700		0.009	10
<b>FINISHING: INOX 316L</b>			
MV 51 800		0.009	10



# BFR Range Welded steel wire mesh cable trays

## FILMASTRUT



MV 51 704

### FIXING ON FLAT BRACKET - FILMASTRUT

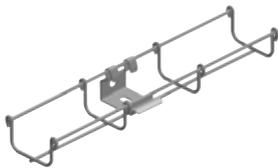
Code	Product in stock	Kg/u	Packing details
<b>FINISHING: HP</b>			
MV 51 704	•	0.018	10/1000

On FLAT BRACKET and/or STRUT and MAVISTRUT profile. The FILMASTRUT facilitates screw- and bolt-free fastening for BFR cable trays on 41x41 MAVISTRUT or STRUT profiles, as well as 41x41 and 41x21 flat brackets.

#### TECHNICAL DATA SHEET



## FIXING ACCESSORIES



MV 51 101

### BFR MULTI-USE FIXING

Code	Product in stock	Finishing	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 51 101	•	Z275	0.044	100
<b>FINISHING: HDG</b>				
MV 51 201	•	HDG	0.044	100
<b>FINISHING: INOX 304L</b>				
MV 51 601	•	Inox 304L	0.044	100
<b>FINISHING: INOX 316L</b>				
MV 51 801	•	Inox 316L	0.044	100

**NOTE:** 1. Ideal for economical BFR floor attachment (install the fastening first then secure the assembly through the 13 x 7 mm slot).

Essential for attaching BFR width 50, to brackets.

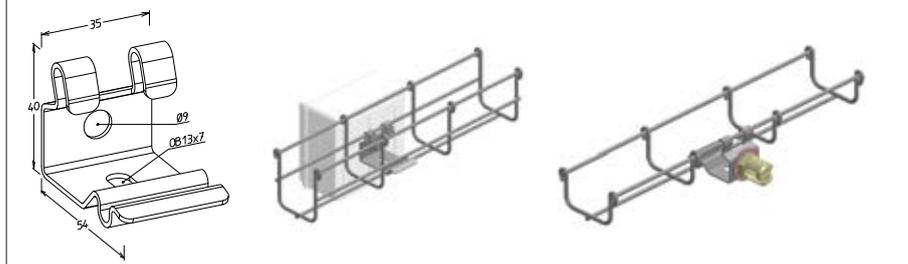
2. Bracket attachment for BFR width 50 mm.

3. Junction box support.

4. Earthing terminal support.

Available in Epoxy on request.

#### TECHNICAL DATA SHEET





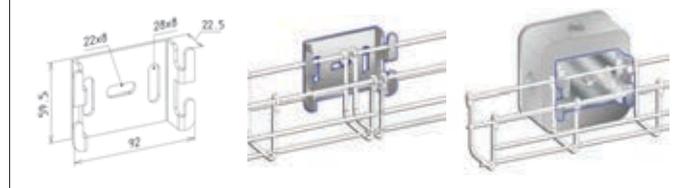
MV 51 103

**BFR 60-110 MULTI-USE FASTENING**

Code	Product in stock	Finishing	daN	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 51 103	•	Z275	100	0.101	100
<b>FINISHING: HDG</b>					
MV 51 203	•	HDG	100	0.101	100

**NOTE:** Available in Epoxy on request.  
Wall bracket for BFR, width 50, or junction box support.

**TECHNICAL DATA SHEET**



MV 51 149

**BFR CABLE EXIT**

Code	Finishing	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 51 149	Z275	0.005	10

**NOTE:** Available in Epoxy on request.

**TECHNICAL DATA SHEET**



MV 51 148

**EXTERNAL SHEATH SUPPORT**

Code	Finishing	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 51 148	Z275	0.064	10

**NOTE:** Available in Epoxy on request.  
Shipped flat.

**TECHNICAL DATA SHEET**



# BFR Range Welded steel wire mesh cable trays

## SUSPENSION ACCESSORIES



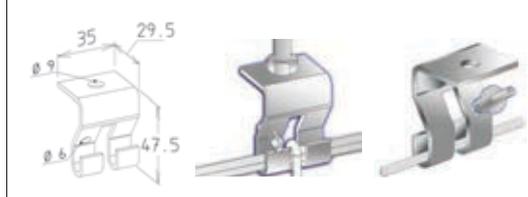
MV 51 105

### SUSPENSION HANGER

Code	Product in stock	Description	daN	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 51 105	•	Suspension hanger	100	0.051	100
<b>FINISHING: HDG</b>					
MV 51 205		Suspension hanger	100	0.051	100
<b>FINISHING: INOX 304L</b>					
MV 51 605		Suspension hanger	100	0.051	100
<b>FINISHING: INOX 316L</b>					
MV 51 805		Suspension hanger	100	0.051	100
MV 51 806		Safety rivet		0.002	100

**NOTE:** Available in Epoxy on request. The MV51806 rivet is compatible with all finishes.  
For suspension of BFR width 150/200 max. with threaded rod diameter 8 mm.  
MV51806 rivet is compatible with all finishings

#### TECHNICAL DATA SHEET



MV 64 126

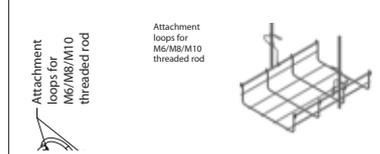


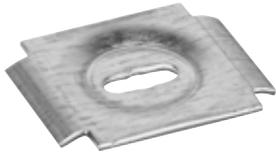
### UNIVERSAL SUSPENSION

Code	Product in stock	For threaded rod	daN	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 64 126	•	M6	47	0.013	10/1000
MV 64 127	•	M8	47	0.013	10/1000
MV 64 128		M10	47	0.013	10/1000
<b>FINISHING: HP</b>					
MV 64 726		M6	47	0.013	10/1000
MV 64 727		M8	47	0.013	10/1000
MV 64 728		M10	47	0.013	10/1000
<b>FINISHING: INOX 316L</b>					
MV 64 826		M6	47	0.013	10/1000
MV 64 827		M8	47	0.013	10/1000
MV 64 828		M10	47	0.013	10/1000

**NOTE:** Precise adjustment of the installation height possible by using the spring effect.  
Available in Epoxy on request.

#### TECHNICAL DATA SHEET



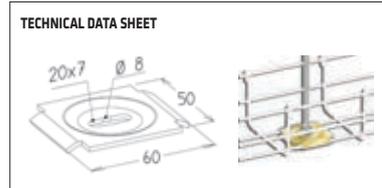


MV 51 102

**SUSPENSION PLATE**

Code	Product in stock	daN	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 51 102	•	100	0.042	100
<b>FINISHING: HDG</b>				
MV 51 202	•	100	0.042	100
<b>FINISHING: INOX 304L</b>				
MV 51 602	•	100	0.042	100
<b>FINISHING: INOX 316L</b>				
MV 51 802		100	0.042	100

**NOTE:** It is recommended to hang the BFR width 100 with MV66161 threaded rod diam 6 + MV66141 notched nut diam 6.

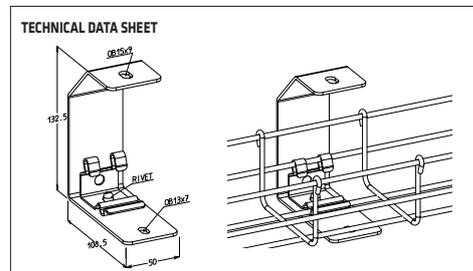


MV 64 161

**BFR SUSPENSION SUPPORT WIDTH 50/100**

Code	Product in stock	daN	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 64 161	•	22	0.328	50
<b>FINISHING: HDG</b>				
MV 64 261		22	0.328	50
<b>FINISHING: INOX 304L</b>				
MV 64 661		22	0.328	50
<b>FINISHING: INOX 316L</b>				
MV 64 861		22	0.328	50

**NOTE:** Available in Epoxy on request.



# BFR Range Welded steel wire mesh cable trays

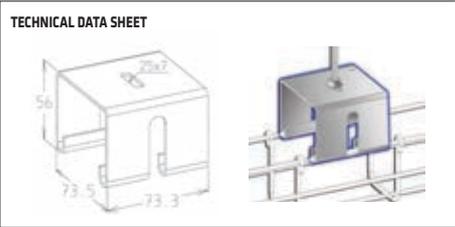


MV 51 107

## BFR CENTRAL SUSPENSION SUPPORT WIDTH 50

Code	Product in stock	daN	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 51 107	•	150	0.171	100
<b>FINISHING: HDG</b>				
MV 51 207		150	0.171	100
<b>FINISHING: INOX 304L</b>				
MV 51 607		150	0.171	100
<b>FINISHING: INOX 316L</b>				
MV 51 807		150	0.171	100

**NOTE:** Available in Epoxy on request.  
For use with a 6 mm diameter threaded rod. It can be used as a support for lighting.

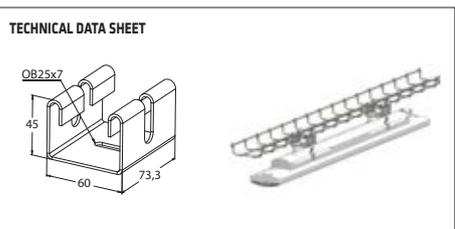


MV 51 108

## BFR LIGHTING SUPPORT WIDTH 100

Code	daN	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 51 108	150	0.141	100
<b>FINISHING: HDG</b>			
MV 51 208	150	0.141	100
<b>FINISHING: INOX 304L</b>			
MV 51 608	150	0.141	100
<b>FINISHING: INOX 316L</b>			
MV 51 808	150	0.141	100

**NOTE:** Available in Epoxy on request.  
The lighting support can be positioned under cable trays of width 100 to 600 mm.



**CENTRAL SUSPENSION MULTI-FUNCTIONS**

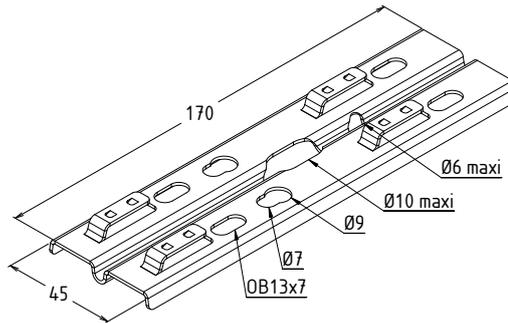
Code	Product in stock	daN	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 51 150	•	30	0.09	100
<b>FINISHING: HDG</b>				
MV 51 250		30	0.09	100
<b>FINISHING: INOX 304L</b>				
MV 51 650		30	0.09	100
<b>FINISHING: INOX 316L</b>				
MV 51 850		30	0.09	100

NOTE: For cable trays up to 300 mm.



MV 51 150

TECHNICAL DATA SHEET



Central suspension support with longitudinal and cross mounting for a good stability



Coupler central suspension



Multi-functional plate support for box, light fixture, etc.

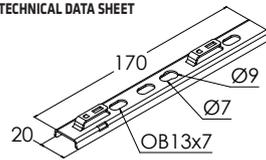
**ECO MULTI-FUNCTION CENTRAL SUSPENSION**

Code	Finishing	daN	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 51 151	Z275	30	0.042	46



MV 51 151

TECHNICAL DATA SHEET



# BFR Range Welded steel wire mesh cable trays

## MULTI-USE PROFILE



MV 51 130

### BFR UNIVERSAL SUPPORT

Code	Product in stock	Width (mm)	daN	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 51 130	•	100	110	0.131	100
MV 51 131	•	150	110	0.197	70
MV 51 132	•	200	110	0.264	50
MV 51 133		300	110	0.394	40
MV 51 134		400	110	0.524	25
MV 51 135		500	110	0.655	25
MV 51 139		600	180	0.726	25
MV 51 136		1000	110	1.31	10
MV 51 138		2,000		2.62	10
MV 51 129		3,000		3.93	1
<b>FINISHING: HDG</b>					
MV 51 230	•	100	110	0.131	100
MV 51 231		150	110	0.197	70
MV 51 232	•	200	110	0.264	50
MV 51 233		300	110	0.394	40
MV 51 234		400	110	0.524	25
MV 51 235		500	110	0.655	25
MV 51 239		600	180	0.726	25
MV 51 236		1000	110	1.31	10
MV 51 238		2,000		2.62	10
MV 51 229		3,000		3.93	1
<b>FINISHING: HP</b>					
MV 51 730		100	110	0.131	100
MV 51 731		150	110	0.197	70
MV 51 732		200	110	0.264	50
MV 51 733		300	110	0.394	40
MV 51 734		400	110	0.524	25
MV 51 735		500	110	0.655	25
MV 51 739		600	180	0.726	25
MV 51 736		1000	110	1.31	10
MV 51 738		2,000		2.62	10
MV 51 729		3,000		3.93	1
<b>FINISHING: INOX 304L</b>					
MV 51 630	•	100	200	0.131	100
MV 51 631		150	200	0.197	70
MV 51 632	•	200	200	0.264	50
MV 51 633		300	200	0.394	40
MV 51 634		400	153	0.524	25
MV 51 635		500	118	0.655	25
MV 51 639		600	100	0.726	25
<b>FINISHING: INOX 316L</b>					
MV 51 830		100	200	0.131	100
MV 51 831		150	200	0.197	70
MV 51 832		200	200	0.264	50
MV 51 833		300	200	0.394	40
MV 51 834		400	153	0.524	25
MV 51 835		500	118	0.655	25
MV 51 839		600	100	0.726	25

NOTE: Available in Epoxy on request.

**TECHNICAL DATA SHEET**

**For Z275/HDG only**

Mounting examples

1 - Ground mounting

2 - Vertical mounting

3 - Swing mounting. Add a minimum of 150 mm to the dimensions of the plate. e.g.: plate L 100 mm > attachment MV 51 133 L 300 mm

4 - On edge along a wall

5 - Central hanging mounting

ACCESSORIES



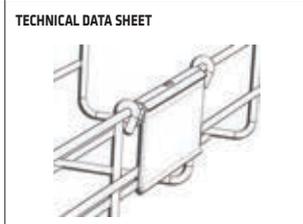
MV 51 947

**LABEL HOLDER**

Code	Material	Dimension	Color	Kg/u	Packing details
MV 51 947	PVC	45x80 mm	White	0.008	50/500
MV 51 947 R	PVC	45x80 mm	Red	0.008	50/500
MV 51 947 B	PVC	45x80 mm	Blue	0.008	50/500
MV 51 947 G	PVC	45x80 mm	Green	0.008	50/500

**NOTE:** Quick tool-free snap-on system.  
 Universal system for both BFR and BRN ranges.  
 Can be used with cover. Colors may allow for wire mesh cable trays identification.

**TECHNICAL DATA SHEET**



TOOLS



MV 51 904

**BOLT CUTTER**

Code	Kg/u	Packing details
MV 51 904	1.75	1

**BFR MULTI-FUNCTION KEY**



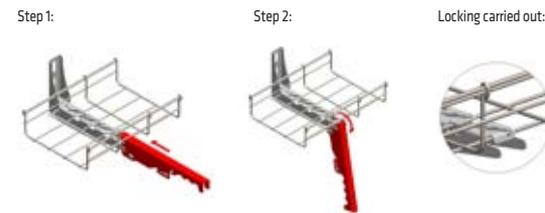
MV 51 344 R

Code	Kg/u	Packing details
MV 51 344 R	0.36	24

**NOTE:** 'BFR locking on universal bracket' function.  
 'BFR deformation for the direct installation on the floor or on the wall' function.

**TECHNICAL DATA SHEET**

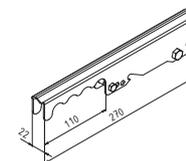
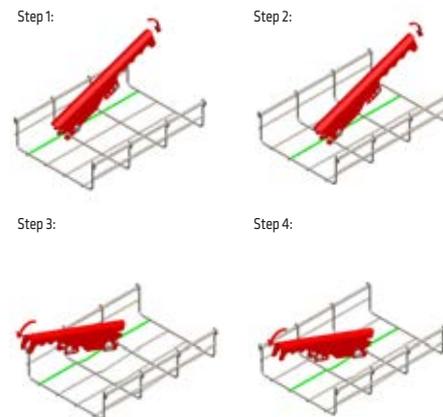
'BFR locking on universal bracket' function:



Step 1: Insert the key at the end of the universal bracket so that the wire and bracket are pinched into the notch provided.

Step 2: Apply downward pressure to bend the end of the bracket.  
 >>> Cable tray is locked.

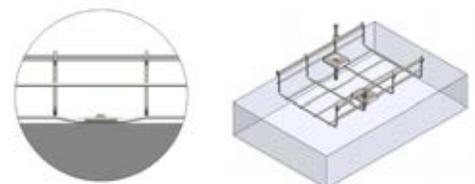
'BFR deformation for the direct installation on the floor'



The bending achieved allows the wires on the bottom of the cable tray to be raised above the ground (+/- 5 mm). This is to leave the passage for the polyamide collars.

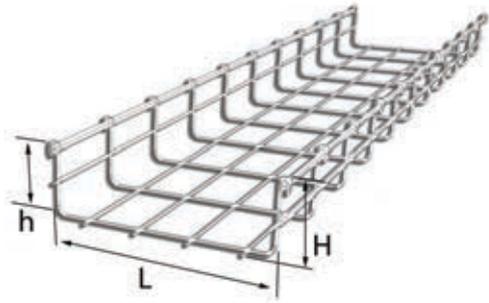
This function facilitates a permanent deformation at the end of the bracket, to permanently lock the cable tray onto the bracket.

Steps 1 to 4 should be repeated according to the number of attachment points to be created. Recommended mounting with the "MV51x02" type clamp (4 wire bends per clamp).



# BFR Range Welded steel wire mesh cable trays

## TECHNICAL DATA



Rounded edge wire mesh cable tray:

Product standard: IEC 61537

Marking



Certification

Material: STEEL (metallic)

Flame-spread: NON-PROPAGATING

Electrical continuity: YES (with all MAVIL BFR range couplers)

Electrical conductivity: YES

Finishings: METAL COATINGS and STAINLESS STEEL

Option: EPOXY paint color

Operating temperature: from -15°C to +40°C

Perforation: class D (greater than 30%)

Impact resistance: 20J

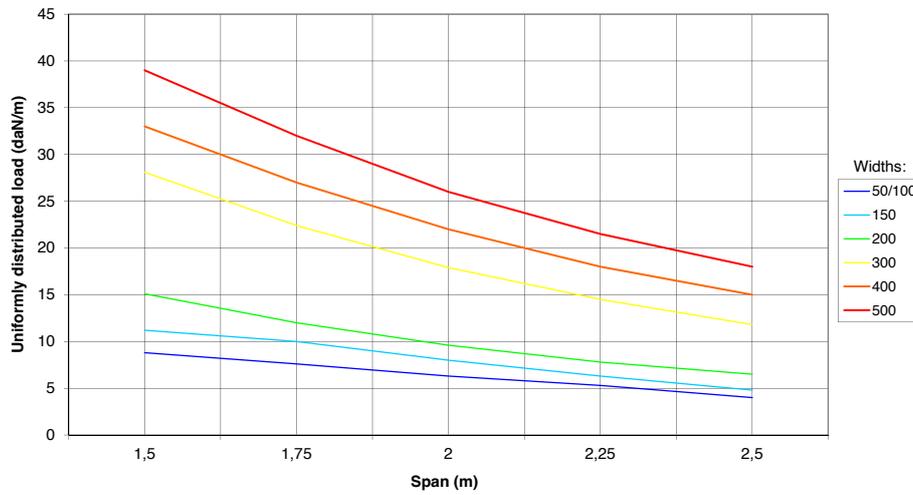
	BFR30 and BFR30 PRE-MOUNTED	BFR60 and BFR60 PRE-MOUNTED	BFR110 and BFR110 PRE-MOUNTED
Overall height (mm)	41	75	125
Working height (mm)	34	70	117
<b>Working width (mm)</b>	<b>Working sections (mm<sup>2</sup>)</b>		
50	1,700	3,500	
100	3,400	7,000	
150	5,100	10,500	17,550
200	6,800	14,000	23,400
250	8,500	17,500	29,250
300	10,200	21,000	35,100
400	13,600	28,000	46,800
500	17,000	35,000	58,500
600		42,000	70,200

### CAPACITY\* (Kg/m)

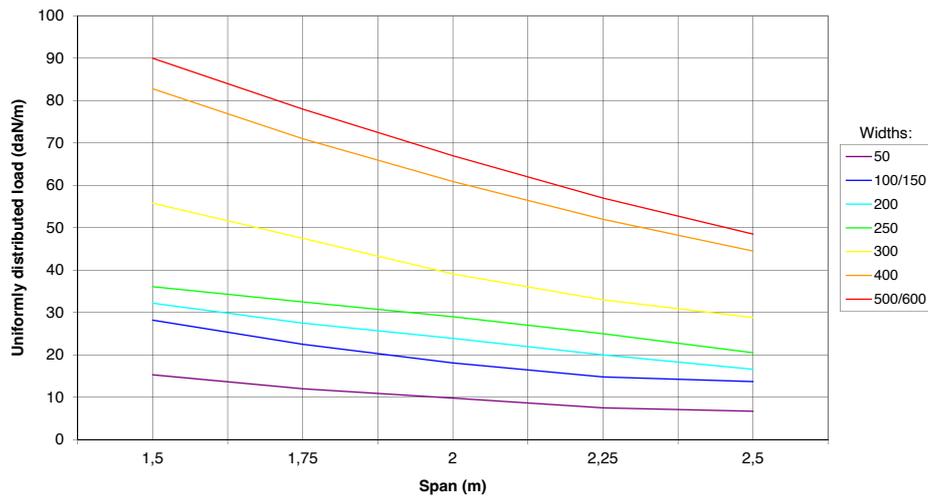
Width (mm)	Signal cables d=0.15 Kg/cm <sup>2</sup> /m			Power cables d=0.25 Kg/cm <sup>2</sup> /m		
	BFR30	BFR60	BFR110	BFR30	BFR60	BFR110
50	2.1	4.6	-	3.5	7.7	-
100	4.3	9.2	-	7.2	15.4	-
150	6.5	14	25.1	10.8	23.4	41.8
200	8.7	18.7	33.5	14.5	31.2	55.9
250	-	23.1	-	-	38.5	-
300	12.9	27.7	49.5	21.5	46.2	82.5
400	19.3	36	65.6	32.2	60	109.4
500	23.6	44.6	82.1	39.3	74.3	136.8
600	-	53.5	98.5	-	89.2	164.2

\* Capacity for 100% cable tray filling

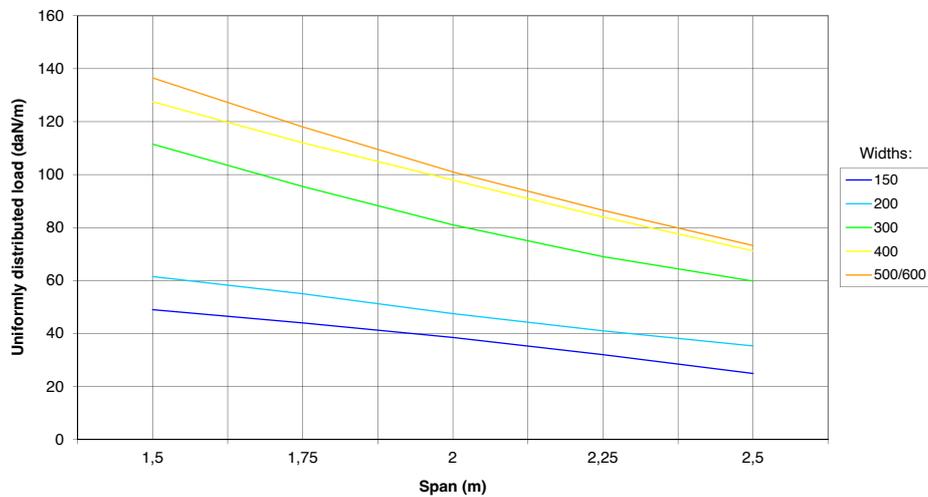
**BFR30 - SWL\*\***



**BFR60 - SWL\*\***



**BFR110 - SWL\*\***



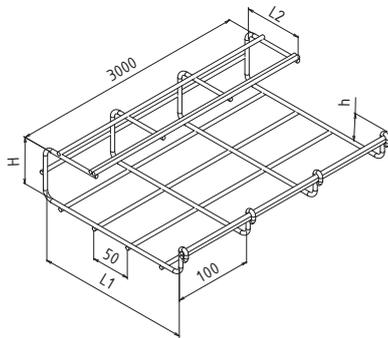
\*\*SWL = Safety Working Load

Load in daN/m

# BFR Range Welded steel wire mesh cable trays

## FOR WORKSITES: BFR G WITH DIRECT MOUNTING

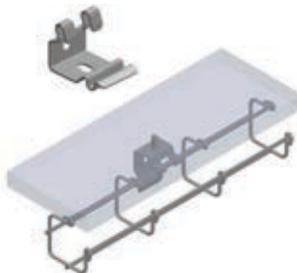
### BFR G WITH DIRECT MOUNTING



#### BFR G CABLE TRAY WITH DIRECT MOUNTING - 3M

Characteristics						EZ	Z100	HDC	HP
H (mm)	L1 (mm)	L2 (mm)	h (mm)	kg/m	m	Code	Code	Code	Code
50	50	34	34	0.520	6	MV 52 400	MV 52 500	MV 52 200	MV 52 700
60	100	75	34	0.929	6	MV 52 401	MV 52 501	MV 52 201	MV 52 701
60	200	75	34	1.036	6	MV 52 402	MV 52 502	MV 52 202	MV 52 702
110	150	75	34	1.764	6	MV 52 403	MV 52 503	MV 52 203	MV 52 703

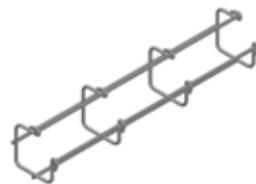
Fastening directly to wall or ceiling. The shape of the BFRG, with its single wires on 3 sides, allows it to be fixed in a wide range of positions. The presence of the MAVIL loop on the open side guarantees quality and safety: no breakage of welds, no protruding or sharpening edges for maximum safety for people and cables.



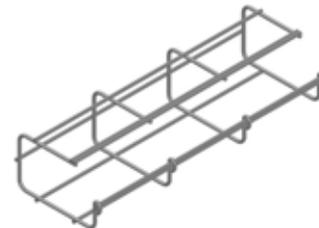
To attach the BFRG 50x50 use the MV51101 dual-use fastening



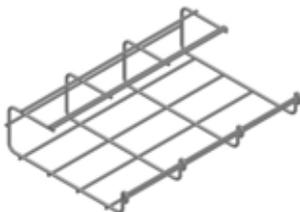
To attach other BFRG use the MV51102 clamp



CC 50 BFRG50



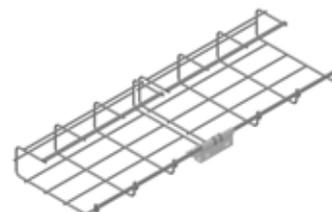
CC 100 BFRG60



CC 200 BFRG60



CC 150 BFRG110



Electrical continuity assured with MV51x10 conventional coupler or MV51x13 economy coupler

W x H (mm)	CAPACITY (Kg/m)	
	Signal cables d=0.15 Kg/cm <sup>2</sup> /m	Power cables d=0.25 Kg/cm <sup>2</sup> /m
50 x 50	2.6	4.3
100 x 60	4.9	8.2
200 x 60	10.5	17.5
150 x 110	7.8	13.0

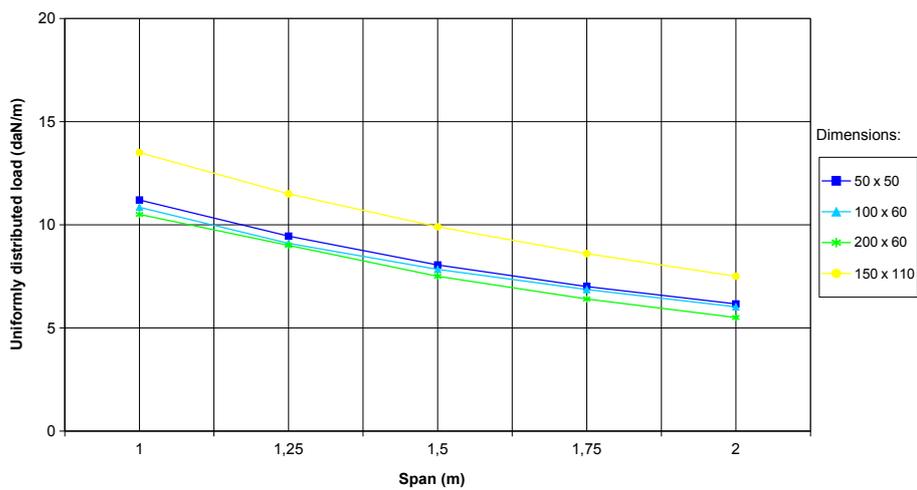


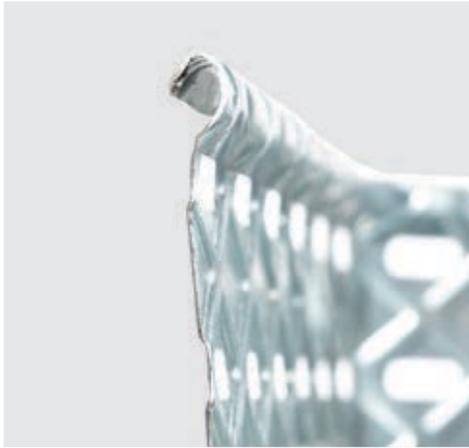
Section used to calculate the capacity

Installation positions and accessories:

<p><b>CC 50 BFRG50</b></p>		
<p><b>CC 100 BFRG60</b></p>		
<p><b>CC 200 BFRG60</b></p>		
<p><b>CC 150 BFRG110</b></p>		

**Safety Working Load BFR G**



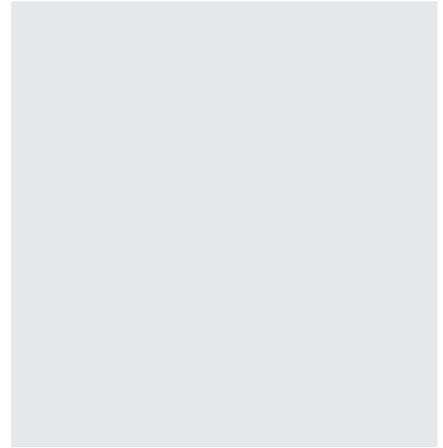


## ROUNDED EDGE



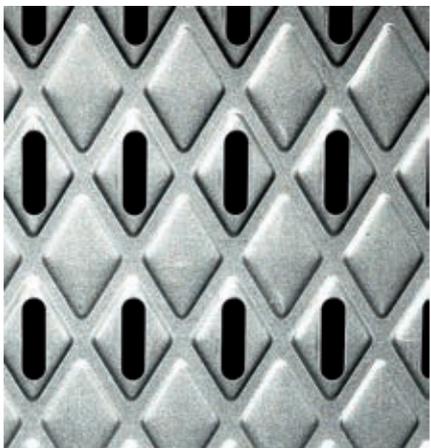
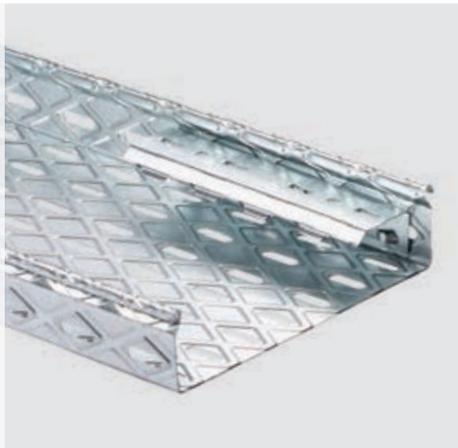
## SAFETY

No risk of damage  
for the operator or cable



## READY TO INSTALL

easier to order, deliver,  
store and install.



## UNIQUE DESIGN



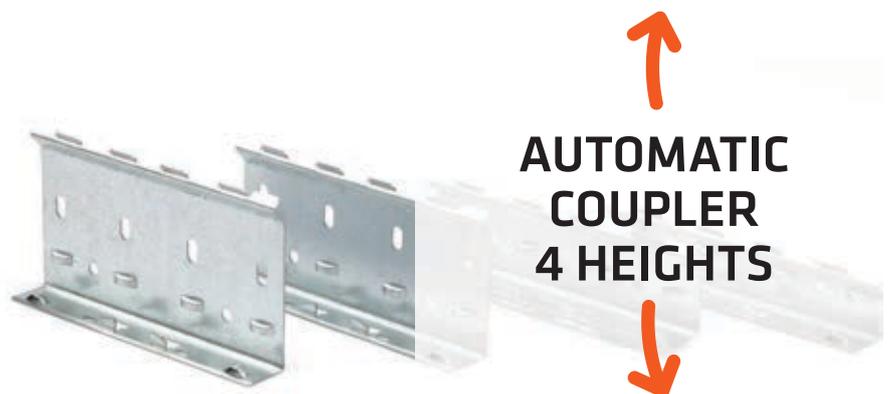
## AVAILABLE IN

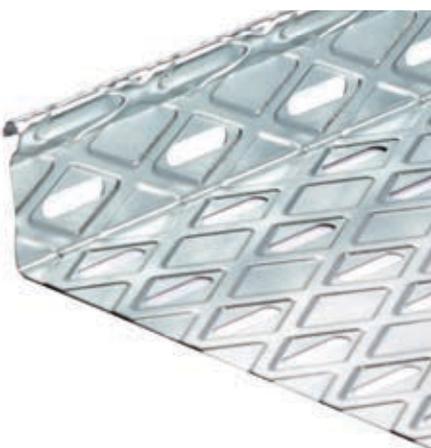
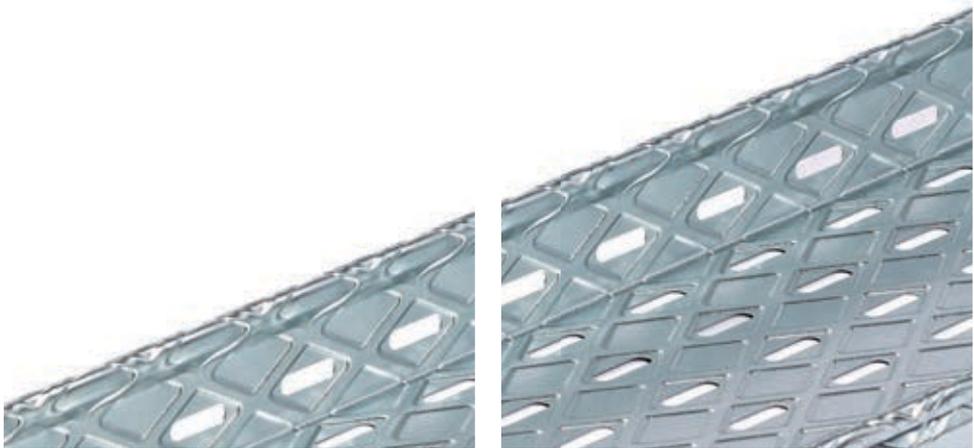
# HP

HIGH PROTECTION

## ELECTRO- MECHANICAL PROTECTION

Better electromechanical  
protection against dust and  
liquids, especially when used  
with their covers.





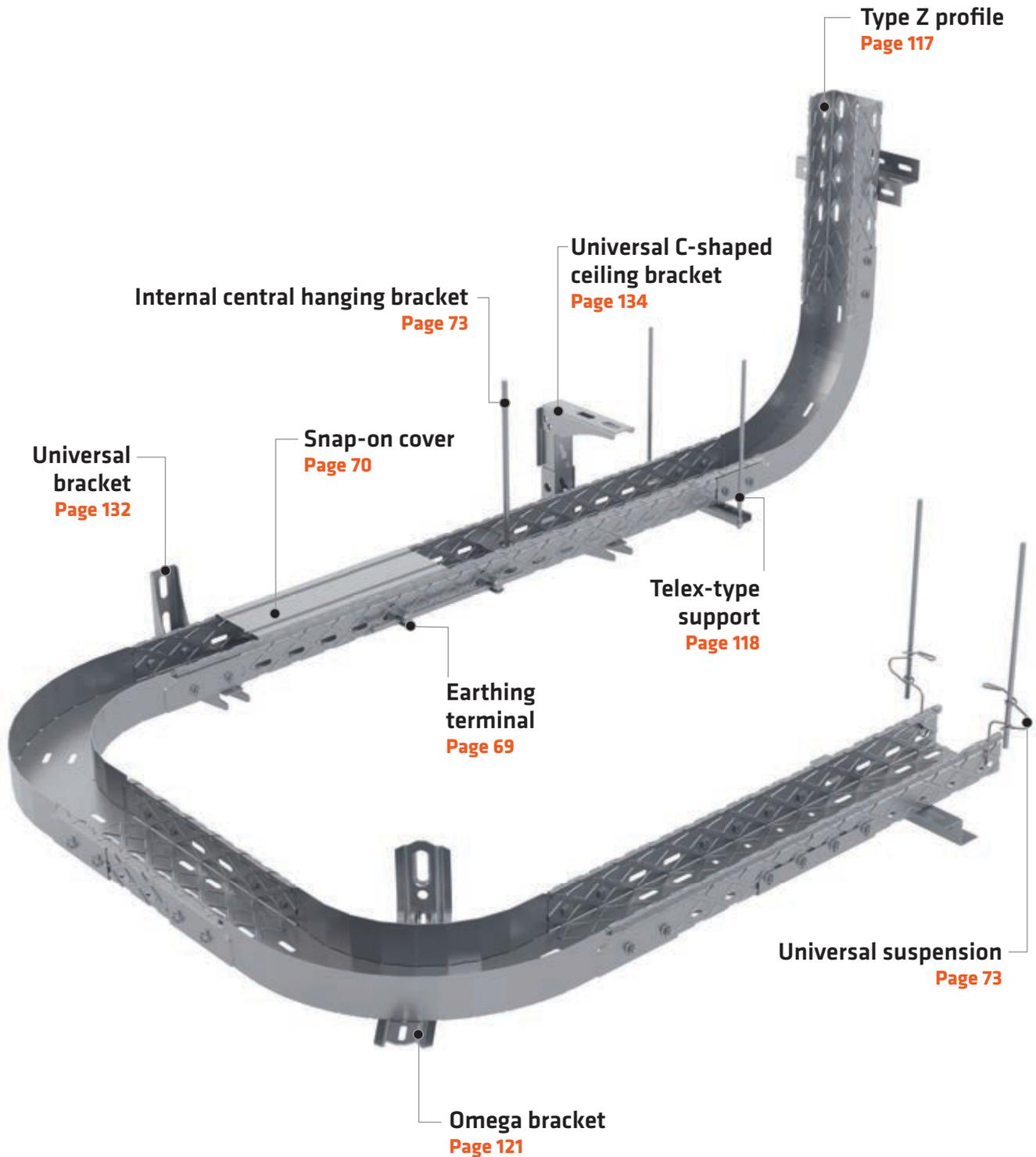
Range **BRX**

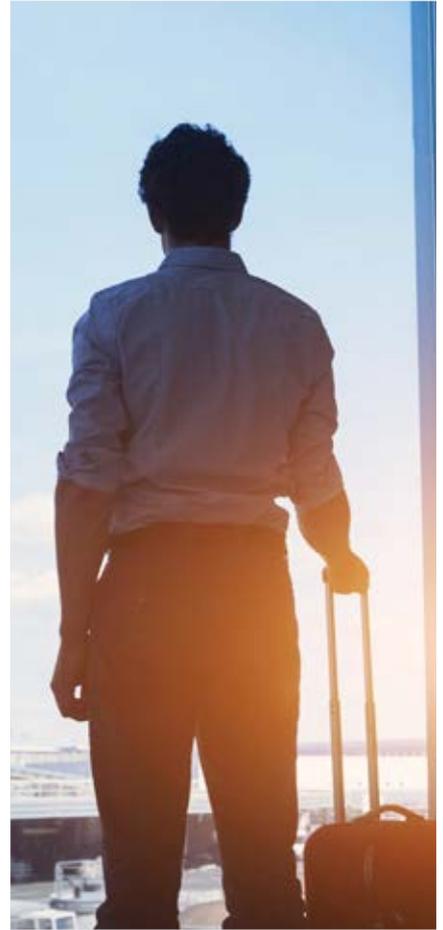
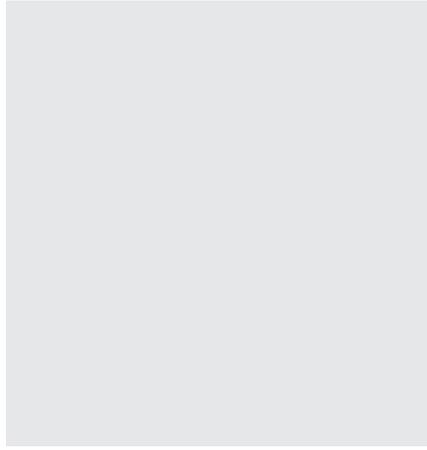
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Perforated steel cable trays

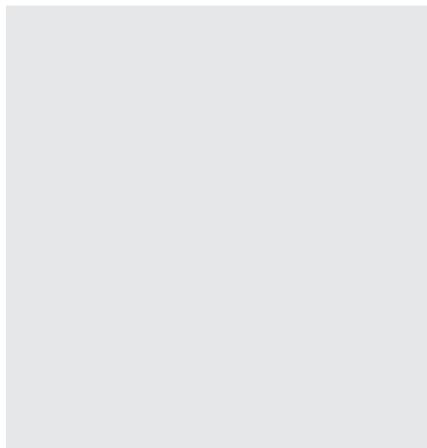
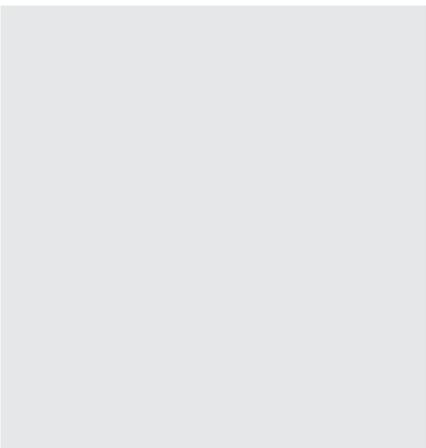
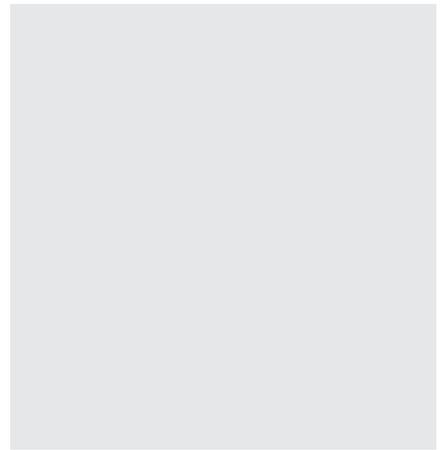
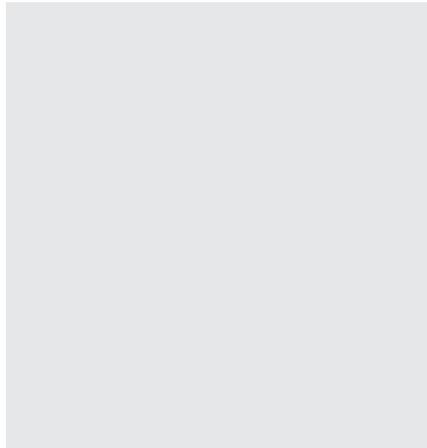
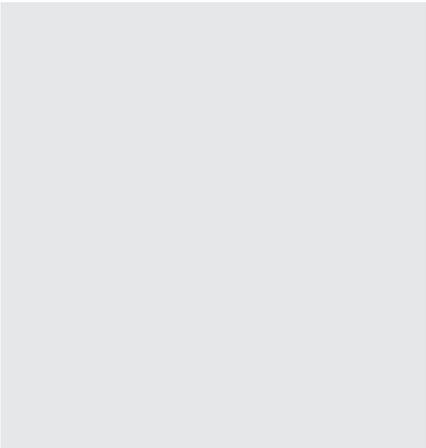


## BRX layout scheme





BRX Range



# BRX Range Perforated steel cable trays

## BRX & accessories choosing guide

BRX Range



Cable tray



Cable tray with couplers included

W x H (mm)	Z275	HDG	HP	Z275	HP
65 x 35	MVX40100	MVX40200		MVX0213EC	
95 x 35	MVX40101	MVX40201		MVX0213ED	
155 x 35	MVX40103	MVX40203		MVX0213EF	
215 x 35	MVX40105	MVX40205		MVX0213EH	
305 x 35	MVX40108	MVX40208		MVX0213EL	
395 x 35	MVX40111	MVX40211		MVX0213EP	
515 x 35	MVX40115	MVX40215		MVX0213EU	
605 x 35	MVX40117	MVX40217		MVX0213EX	
65 x 50	MVX40120	MVX40220	MVX40720	MVX0213GC	MVX0273GC
95 x 50	MVX40121	MVX40221	MVX40721	MVX0213GD	MVX0273GD
155 x 50	MVX40123	MVX40223	MVX40723	MVX0213GF	MVX0273GF
215 x 50	MVX40125	MVX40225	MVX40725	MVX0213GH	MVX0273GH
305 x 50	MVX40128	MVX40228	MVX40728	MVX0213GL	MVX0273GL
395 x 50	MVX40131	MVX40231	MVX40731	MVX0213GP	MVX0273GP
515 x 50	MVX40135	MVX40235	MVX40735	MVX0213GU	MVX0273GU
605 x 50	MVX40137	MVX40237	MVX40737	MVX0213GX	MVX0273GX
95 x 80	MVX0013LD	MVX0023LD		MVX0213LD	
155 x 80	MVX0013LF	MVX0023LF		MVX0213LF	
215 x 80	MVX0013LH	MVX0023LH		MVX0213LH	
305 x 80	MVX0013LL	MVX0023LL		MVX0213LL	
395 x 80	MVX0013LP	MVX0023LP		MVX0213LP	
515 x 80	MVX0013LU	MVX0023LU		MVX0213LU	
605 x 80	MVX0013LX	MVX0023LX		MVX0213LX	
95 x 95	MVX0013ND	MVX0023ND	MVX0073ND	MVX0213ND	MVX0273ND
155 x 95	MVX0013NF	MVX0023NF	MVX0073NF	MVX0213NF	MVX0273NF
215 x 95	MVX0013NH	MVX0023NH	MVX0073NH	MVX0213NH	MVX0273NH
305 x 95	MVX0013NL	MVX0023NL	MVX0073NL	MVX0213NL	MVX0273NL
395 x 95	MVX0013NP	MVX0023NP	MVX0073NP	MVX0213NP	MVX0273NP
515 x 95	MVX0013NU	MVX0023NU	MVX0073NU	MVX0213NU	MVX0273NU
605 x 95	MVX0013NX	MVX0023NX	MVX0073NX	MVX0213NX	MVX0273NX



**Cover**

W (mm)	Z275	HDG	HP
65	MVC0013AC	MVC0023AC	MVC0073AC
95	MVC0013AD	MVC0023AD	MVC0073AD
155	MVC0013AF	MVC0023AF	MVC0073AF
215	MVC0013AH	MVC0023AH	MVC0073AH
305	MVC0013AL	MVC0023AL	MVC0073AL
395	MVC0013AP	MVC0023AP	MVC0073AP
515	MVC0013AU	MVC0023AU	MVC0073AU
605	MVC0013AX	MVC0023AX	MVC0073AX



**Divider**

	Z275	HDG	HP
BRX35	MV65110X	MV65210X	MV65710X
BRX50	MV65111X	MV65211X	MV65711X
BRX80	MV65113X	MV65213X	MV65713X
BRX95	MV65113X	MV65213X	MV65713X



**Bolt and nut**

	EZ	GEOMET
6x10	MV 66 100	MV 66 200
6x14	MV 66 101	MV 66 201
6x20	MV 66 403	MV 66 203



**Automatic couplers**



**Bolt couplers**



**Folding couplers**



**Variable angle couplers**

	Automatic couplers		Bolt couplers			Folding couplers			Variable angle couplers		
	Z275	HP	Z275	HDG	HP	Z275	HDG	HP	Z275	HDG	HP
BRX35	MVX41110		MVC0710EA	MVC0720EA		MVC0810EA	MVC0820EA		MV41120	MV41222	
BRX50	MVX41111	MVX0670GA	MVC0710GA	MVC0720GA	MVC0770GA	MVC0810GA	MVC0820GA	MVC0870GA	MV41120	MV41222	MV41720
BRX80	MVX0610LA		MVC0710LA	MVC0720LA		MVC0810LA	MVC0820LA		MV41140	MV41240	
BRX95	MVX0610NA	MVX0670NA	MVC0710NA	MVC0720NA	MVC0770NA	MVC0810NA	MVC0820NA	MVC0870NA	MV41140	MV41240	MV41740

# BRX Range Perforated steel cable trays



90° horizontal curve



90° horizontal curve cover

BRX Range

W x H (mm)	Z275	HDC	HP	Z275	HDC	HP
65 x 35	MVN110EC	MVN120EC		MVC110AC	MVC120AC	
95 x 35	MVN110ED	MVN120ED		MVC110AD	MVC120AD	
155 x 35	MVN110EF	MVN120EF		MVC110AF	MVC120AF	
215 x 35	MVN110EH	MVN120EH		MVC110AH	MVC120AH	
305 x 35	MVN110EL	MVN120EL		MVC110AL	MVC120AL	
395 x 35	MVN110EP	MVN120EP		MVC110AP	MVC120AP	
515 x 35	MVN110EU	MVN120EU		MVC110AU	MVC120AU	
605 x 35	MVN110EX	MVN120EX		MVC110AX	MVC120AX	
65 x 50	MVN110GC	MVN120GC	MVN1170GC	MVC110AC	MVC120AC	MVC1170AC
95 x 50	MVN110GD	MVN120GD	MVN1170GD	MVC110AD	MVC120AD	MVC1170AD
155 x 50	MVN110GF	MVN120GF	MVN1170GF	MVC110AF	MVC120AF	MVC1170AF
215 x 50	MVN110GH	MVN120GH	MVN1170GH	MVC110AH	MVC120AH	MVC1170AH
305 x 50	MVN110GL	MVN120GL	MVN1170GL	MVC110AL	MVC120AL	MVC1170AL
395 x 50	MVN110GP	MVN120GP	MVN1170GP	MVC110AP	MVC120AP	MVC1170AP
515 x 50	MVN110GU	MVN120GU	MVN1170GU	MVC110AU	MVC120AU	MVC1170AU
605 x 50	MVN110GX	MVN120GX	MVN1170GX	MVC110AX	MVC120AX	MVC1170AX
95 x 80	MVN110LD	MVN120LD		MVC110AD	MVC120AD	
155 x 80	MVN110LF	MVN120LF		MVC110AF	MVC120AF	
215 x 80	MVN110LH	MVN120LH		MVC110AH	MVC120AH	
305 x 80	MVN110LL	MVN120LL		MVC110AL	MVC120AL	
395 x 80	MVN110LP	MVN120LP		MVC110AP	MVC120AP	
515 x 80	MVN110LU	MVN120LU		MVC110AU	MVC120AU	
605 x 80	MVN110LX	MVN120LX		MVC110AX	MVC120AX	
95 x 95	MVN110ND	MVN120ND	MVN1170ND	MVC110AD	MVC120AD	MVC1170AD
155 x 95	MVN110NF	MVN120NF	MVN1170NF	MVC110AF	MVC120AF	MVC1170AF
215 x 95	MVN110NH	MVN120NH	MVN1170NH	MVC110AH	MVC120AH	MVC1170AH
305 x 95	MVN110NL	MVN120NL	MVN1170NL	MVC110AL	MVC120AL	MVC1170AL
395 x 95	MVN110NP	MVN120NP	MVN1170NP	MVC110AP	MVC120AP	MVC1170AP
515 x 95	MVN110NU	MVN120NU	MVN1170NU	MVC110AU	MVC120AU	MVC1170AU
605 x 95	MVN110NX	MVN120NX	MVN1170NX	MVC110AX	MVC120AX	MVC1170AX



**45° horizontal curve**



**45° horizontal curve cover**

45° horizontal curve			45° horizontal curve cover			W x H (mm)	BRX Range
Z275	HDG	HP	Z275	HDG	HP		
MVN1210EC	MVN1220EC		MVC1210AC	MVC1220AC		65 x 35	BRX Range
MVN1210ED	MVN1220ED		MVC1210AD	MVC1220AD		95 x 35	
MVN1210EF	MVN1220EF		MVC1210AF	MVC1220AF		155 x 35	
MVN1210EH	MVN1220EH		MVC1210AH	MVC1220AH		215 x 35	
MVN1210EL	MVN1220EL		MVC1210AL	MVC1220AL		305 x 35	
MVN1210EP	MVN1220EP		MVC1210AP	MVC1220AP		395 x 35	
MVN1210EU	MVN1220EU		MVC1210AU	MVC1220AU		515 x 35	
MVN1210EX	MVN1220EX		MVC1210AX	MVC1220AX		605 x 35	
MVN1210GC	MVN1220GC	MVN1270GC	MVC1210AC	MVC1220AC	MVC1270AC	65 x 50	
MVN1210GD	MVN1220GD	MVN1270GD	MVC1210AD	MVC1220AD	MVC1270AD	95 x 50	
MVN1210GF	MVN1220GF	MVN1270GF	MVC1210AF	MVC1220AF	MVC1270AF	155 x 50	
MVN1210GH	MVN1220GH	MVN1270GH	MVC1210AH	MVC1220AH	MVC1270AH	215 x 50	
MVN1210GL	MVN1220GL	MVN1270GL	MVC1210AL	MVC1220AL	MVC1270AL	305 x 50	
MVN1210GP	MVN1220GP	MVN1270GP	MVC1210AP	MVC1220AP	MVC1270AP	395 x 50	
MVN1210GU	MVN1220GU	MVN1270GU	MVC1210AU	MVC1220AU	MVC1270AU	515 x 50	
MVN1210GX	MVN1220GX	MVN1270GX	MVC1210AX	MVC1220AX	MVC1270AX	605 x 50	
MVN1210LD	MVN1220LD		MVC1210AD	MVC1220AD		95 x 80	
MVN1210LF	MVN1220LF		MVC1210AF	MVC1220AF		155 x 80	
MVN1210LH	MVN1220LH		MVC1210AH	MVC1220AH		215 x 80	
MVN1210LL	MVN1220LL		MVC1210AL	MVC1220AL		305 x 80	
MVN1210LP	MVN1220LP		MVC1210AP	MVC1220AP		395 x 80	
MVN1210LU	MVN1220LU		MVC1210AU	MVC1220AU		515 x 80	
MVN1210LX	MVN1220LX		MVC1210AX	MVC1220AX		605 x 80	
MVN1210ND	MVN1220ND	MVN1270ND	MVC1210AD	MVC1220AD	MVC1270AD	95 x 95	
MVN1210NF	MVN1220NF	MVN1270NF	MVC1210AF	MVC1220AF	MVC1270AF	155 x 95	
MVN1210NH	MVN1220NH	MVN1270NH	MVC1210AH	MVC1220AH	MVC1270AH	215 x 95	
MVN1210NL	MVN1220NL	MVN1270NL	MVC1210AL	MVC1220AL	MVC1270AL	305 x 95	
MVN1210NP	MVN1220NP	MVN1270NP	MVC1210AP	MVC1220AP	MVC1270AP	395 x 95	
MVN1210NU	MVN1220NU	MVN1270NU	MVC1210AU	MVC1220AU	MVC1270AU	515 x 95	
MVN1210NX	MVN1220NX	MVN1270NX	MVC1210AX	MVC1220AX	MVC1270AX	605 x 95	

# BRX Range Perforated steel cable trays



Side exit



Side exit cover

BRX Range

W x H (mm)	Z275	HDG	HP	Z275	HDG	HP
65 x 35	MVN1410EC	MVN1420EC		MVC1410AC	MVC1420AC	
95 x 35	MVN1410ED	MVN1420ED		MVC1410AD	MVC1420AD	
155 x 35	MVN1410EF	MVN1420EF		MVC1410AF	MVC1420AF	
215 x 35	MVN1410EH	MVN1420EH		MVC1410AH	MVC1420AH	
305 x 35	MVN1410EL	MVN1420EL		MVC1410AL	MVC1420AL	
395 x 35	MVN1410EP	MVN1420EP		MVC1410AP	MVC1420AP	
515 x 35	MVN1410EU	MVN1420EU		MVC1410AU	MVC1420AU	
605 x 35	MVN1410EX	MVN1420EX		MVC1410AX	MVC1420AX	
65 x 50	MVN1410GC	MVN1420GC	MVN1470GC	MVC1410AC	MVC1420AC	MVC1470AC
95 x 50	MVN1410GD	MVN1420GD	MVN1470GD	MVC1410AD	MVC1420AD	MVC1470AD
155 x 50	MVN1410GF	MVN1420GF	MVN1470GF	MVC1410AF	MVC1420AF	MVC1470AF
215 x 50	MVN1410GH	MVN1420GH	MVN1470GH	MVC1410AH	MVC1420AH	MVC1470AH
305 x 50	MVN1410GL	MVN1420GL	MVN1470GL	MVC1410AL	MVC1420AL	MVC1470AL
395 x 50	MVN1410GP	MVN1420GP	MVN1470GP	MVC1410AP	MVC1420AP	MVC1470AP
515 x 50	MVN1410GU	MVN1420GU	MVN1470GU	MVC1410AU	MVC1420AU	MVC1470AU
605 x 50	MVN1410GX	MVN1420GX	MVN1470GX	MVC1410AX	MVC1420AX	MVC1470AX
95 x 80	MVN1410LD	MVN1420LD		MVC1410AD	MVC1420AD	
155 x 80	MVN1410LF	MVN1420LF		MVC1410AF	MVC1420AF	
215 x 80	MVN1410LH	MVN1420LH		MVC1410AH	MVC1420AH	
305 x 80	MVN1410LL	MVN1420LL		MVC1410AL	MVC1420AL	
395 x 80	MVN1410LP	MVN1420LP		MVC1410AP	MVC1420AP	
515 x 80	MVN1410LU	MVN1420LU		MVC1410AU	MVC1420AU	
605 x 80	MVN1410LX	MVN1420LX		MVC1410AX	MVC1420AX	
95 x 95	MVN1410ND	MVN1420ND	MVN1470ND	MVC1410AD	MVC1420AD	MVC1470AD
155 x 95	MVN1410NF	MVN1420NF	MVN1470NF	MVC1410AF	MVC1420AF	MVC1470AF
215 x 95	MVN1410NH	MVN1420NH	MVN1470NH	MVC1410AH	MVC1420AH	MVC1470AH
305 x 95	MVN1410NL	MVN1420NL	MVN1470NL	MVC1410AL	MVC1420AL	MVC1470AL
395 x 95	MVN1410NP	MVN1420NP	MVN1470NP	MVC1410AP	MVC1420AP	MVC1470AP
515 x 95	MVN1410NU	MVN1420NU	MVN1470NU	MVC1410AU	MVC1420AU	MVC1470AU
605 x 95	MVN1410NX	MVN1420NX	MVN1470NX	MVC1410AX	MVC1420AX	MVC1470AX



**horizontal T**



**horizontal T cover**

<b>horizontal T</b>			<b>horizontal T cover</b>			<b>W x H (mm)</b>
<b>Z275</b>	<b>HDG</b>	<b>HP</b>	<b>Z275</b>	<b>HDG</b>	<b>HP</b>	
MVN1510EC	MVN1520EC		MVC1510AC	MVC1520AC		65 x 35
MVN1510ED	MVN1520ED		MVC1510AD	MVC1520AD		95 x 35
MVN1510EF	MVN1520EF		MVC1510AF	MVC1520AF		155 x 35
MVN1510EH	MVN1520EH		MVC1510AH	MVC1520AH		215 x 35
MVN1510EL	MVN1520EL		MVC1510AL	MVC1520AL		305 x 35
MVN1510EP	MVN1520EP		MVC1510AP	MVC1520AP		395 x 35
MVN1510EU	MVN1520EU		MVC1510AU	MVC1520AU		515 x 35
MVN1510EX	MVN1520EX		MVC1510AX	MVC1520AX		605 x 35
MVN1510GC	MVN1520GC	MVN1570GC	MVC1510AC	MVC1520AC	MVC1570AC	65 x 50
MVN1510GD	MVN1520GD	MVN1570GD	MVC1510AD	MVC1520AD	MVC1570AD	95 x 50
MVN1510GF	MVN1520GF	MVN1570GF	MVC1510AF	MVC1520AF	MVC1570AF	155 x 50
MVN1510GH	MVN1520GH	MVN1570GH	MVC1510AH	MVC1520AH	MVC1570AH	215 x 50
MVN1510GL	MVN1520GL	MVN1570GL	MVC1510AL	MVC1520AL	MVC1570AL	305 x 50
MVN1510GP	MVN1520GP	MVN1570GP	MVC1510AP	MVC1520AP	MVC1570AP	395 x 50
MVN1510GU	MVN1520GU	MVN1570GU	MVC1510AU	MVC1520AU	MVC1570AU	515 x 50
MVN1510GX	MVN1520GX	MVN1570GX	MVC1510AX	MVC1520AX	MVC1570AX	605 x 50
MVN1510LD	MVN1520LD		MVC1510AD	MVC1520AD		95 x 80
MVN1510LF	MVN1520LF		MVC1510AF	MVC1520AF		155 x 80
MVN1510LH	MVN1520LH		MVC1510AH	MVC1520AH		215 x 80
MVN1510LL	MVN1520LL		MVC1510AL	MVC1520AL		305 x 80
MVN1510LP	MVN1520LP		MVC1510AP	MVC1520AP		395 x 80
MVN1510LU	MVN1520LU		MVC1510AU	MVC1520AU		515 x 80
MVN1510LX	MVN1520LX		MVC1510AX	MVC1520AX		605 x 80
MVN1510ND	MVN1520ND	MVN1570ND	MVC1510AD	MVC1520AD	MVC1570AD	95 x 95
MVN1510NF	MVN1520NF	MVN1570NF	MVC1510AF	MVC1520AF	MVC1570AF	155 x 95
MVN1510NH	MVN1520NH	MVN1570NH	MVC1510AH	MVC1520AH	MVC1570AH	215 x 95
MVN1510NL	MVN1520NL	MVN1570NL	MVC1510AL	MVC1520AL	MVC1570AL	305 x 95
MVN1510NP	MVN1520NP	MVN1570NP	MVC1510AP	MVC1520AP	MVC1570AP	395 x 95
MVN1510NU	MVN1520NU	MVN1570NU	MVC1510AU	MVC1520AU	MVC1570AU	515 x 95
MVN1510NX	MVN1520NX	MVN1570NX	MVC1510AX	MVC1520AX	MVC1570AX	605 x 95

**BRX Range**

# BRX Range Perforated steel cable trays



horizontal cross



horizontal cross cover

BRX Range

W x H (mm)	Z275	HDG	HP	Z275	HDG	HP
65 x 35	MVN1310EC	MVN1320EC		MVC1310AC	MVC1320AC	
95 x 35	MVN1310ED	MVN1320ED		MVC1310AD	MVC1320AD	
155 x 35	MVN1310EF	MVN1320EF		MVC1310AF	MVC1320AF	
215 x 35	MVN1310EH	MVN1320EH		MVC1310AH	MVC1320AH	
305 x 35	MVN1310EL	MVN1320EL		MVC1310AL	MVC1320AL	
395 x 35	MVN1310EP	MVN1320EP		MVC1310AP	MVC1320AP	
515 x 35	MVN1310EU	MVN1320EU		MVC1310AU	MVC1320AU	
605 x 35	MVN1310EX	MVN1320EX		MVC1310AX	MVC1320AX	
65 x 50	MVN1310GC	MVN1320GC	MVN1370GC	MVC1310AC	MVC1320AC	MVC1370AC
95 x 50	MVN1310GD	MVN1320GD	MVN1370GD	MVC1310AD	MVC1320AD	MVC1370AD
155 x 50	MVN1310GF	MVN1320GF	MVN1370GF	MVC1310AF	MVC1320AF	MVC1370AF
215 x 50	MVN1310GH	MVN1320GH	MVN1370GH	MVC1310AH	MVC1320AH	MVC1370AH
305 x 50	MVN1310GL	MVN1320GL	MVN1370GL	MVC1310AL	MVC1320AL	MVC1370AL
395 x 50	MVN1310GP	MVN1320GP	MVN1370GP	MVC1310AP	MVC1320AP	MVC1370AP
515 x 50	MVN1310GU	MVN1320GU	MVN1370GU	MVC1310AU	MVC1320AU	MVC1370AU
605 x 50	MVN1310GX	MVN1320GX	MVN1370GX	MVC1310AX	MVC1320AX	MVC1370AX
95 x 80	MVN1310LD	MVN1320LD		MVC1310AD	MVC1320AD	
155 x 80	MVN1310LF	MVN1320LF		MVC1310AF	MVC1320AF	
215 x 80	MVN1310LH	MVN1320LH		MVC1310AH	MVC1320AH	
305 x 80	MVN1310LL	MVN1320LL		MVC1310AL	MVC1320AL	
395 x 80	MVN1310LP	MVN1320LP		MVC1310AP	MVC1320AP	
515 x 80	MVN1310LU	MVN1320LU		MVC1310AU	MVC1320AU	
605 x 80	MVN1310LX	MVN1320LX		MVC1310AX	MVC1320AX	
95 x 95	MVN1310ND	MVN1320ND	MVN1370ND	MVC1310AD	MVC1320AD	MVC1370AD
155 x 95	MVN1310NF	MVN1320NF	MVN1370NF	MVC1310AF	MVC1320AF	MVC1370AF
215 x 95	MVN1310NH	MVN1320NH	MVN1370NH	MVC1310AH	MVC1320AH	MVC1370AH
305 x 95	MVN1310NL	MVN1320NL	MVN1370NL	MVC1310AL	MVC1320AL	MVC1370AL
395 x 95	MVN1310NP	MVN1320NP	MVN1370NP	MVC1310AP	MVC1320AP	MVC1370AP
515 x 95	MVN1310NU	MVN1320NU	MVN1370NU	MVC1310AU	MVC1320AU	MVC1370AU
605 x 95	MVN1310NX	MVN1320NX	MVN1370NX	MVC1310AX	MVC1320AX	MVC1370AX



**90° rising curve**



**90° rising curve cover**

Z275	HDC	HP	Z275	HDC	HP	W x H (mm)
MVN1710EC	MVN1720EC		MVC1710AC	MVC1720AC		65 x 35
MVN1710ED	MVN1720ED		MVC1710AD	MVC1720AD		95 x 35
MVN1710EF	MVN1720EF		MVC1710AF	MVC1720AF		155 x 35
MVN1710EH	MVN1720EH		MVC1710AH	MVC1720AH		215 x 35
MVN1710EL	MVN1720EL		MVC1710AL	MVC1720AL		305 x 35
MVN1710EP	MVN1720EP		MVC1710AP	MVC1720AP		395 x 35
MVN1710EU	MVN1720EU		MVC1710AU	MVC1720AU		515 x 35
MVN1710EX	MVN1720EX		MVC1710AX	MVC1720AX		605 x 35
MVN1710GC	MVN1720GC	MVN1770GC	MVC1710AC	MVC1720AC	MVC1770AC	65 x 50
MVN1710GD	MVN1720GD	MVN1770GD	MVC1710AD	MVC1720AD	MVC1770AD	95 x 50
MVN1710GF	MVN1720GF	MVN1770GF	MVC1710AF	MVC1720AF	MVC1770AF	155 x 50
MVN1710GH	MVN1720GH	MVN1770GH	MVC1710AH	MVC1720AH	MVC1770AH	215 x 50
MVN1710GL	MVN1720GL	MVN1770GL	MVC1710AL	MVC1720AL	MVC1770AL	305 x 50
MVN1710GP	MVN1720GP	MVN1770GP	MVC1710AP	MVC1720AP	MVC1770AP	395 x 50
MVN1710GU	MVN1720GU	MVN1770GU	MVC1710AU	MVC1720AU	MVC1770AU	515 x 50
MVN1710GX	MVN1720GX	MVN1770GX	MVC1710AX	MVC1720AX	MVC1770AX	605 x 50
MVN1710LD	MVN1720LD		MVC1710AD	MVC1720AD		95 x 80
MVN1710LF	MVN1720LF		MVC1710AF	MVC1720AF		155 x 80
MVN1710LH	MVN1720LH		MVC1710AH	MVC1720AH		215 x 80
MVN1710LL	MVN1720LL		MVC1710AL	MVC1720AL		305 x 80
MVN1710LP	MVN1720LP		MVC1710AP	MVC1720AP		395 x 80
MVN1710LU	MVN1720LU		MVC1710AU	MVC1720AU		515 x 80
MVN1710LX	MVN1720LX		MVC1710AX	MVC1720AX		605 x 80
MVN1710ND	MVN1720ND	MVN1770ND	MVC1710AD	MVC1720AD	MVC1770AD	95 x 95
MVN1710NF	MVN1720NF	MVN1770NF	MVC1710AF	MVC1720AF	MVC1770AF	155 x 95
MVN1710NH	MVN1720NH	MVN1770NH	MVC1710AH	MVC1720AH	MVC1770AH	215 x 95
MVN1710NL	MVN1720NL	MVN1770NL	MVC1710AL	MVC1720AL	MVC1770AL	305 x 95
MVN1710NP	MVN1720NP	MVN1770NP	MVC1710AP	MVC1720AP	MVC1770AP	395 x 95
MVN1710NU	MVN1720NU	MVN1770NU	MVC1710AU	MVC1720AU	MVC1770AU	515 x 95
MVN1710NX	MVN1720NX	MVN1770NX	MVC1710AX	MVC1720AX	MVC1770AX	605 x 95

BRX Range

# BRX Range Perforated steel cable trays



90° descending curve



90° descending curve cover

BRX Range

W x H (mm)	Z275	HDG	HP	Z275	HDG	HP
65 x 35	MVN1910EC	MVN1920EC		MVC1910EC	MVC1920EC	
95 x 35	MVN1910ED	MVN1920ED		MVC1910ED	MVC1920ED	
155 x 35	MVN1910EF	MVN1920EF		MVC1910EF	MVC1920EF	
215 x 35	MVN1910EH	MVN1920EH		MVC1910EH	MVC1920EH	
305 x 35	MVN1910EL	MVN1920EL		MVC1910EL	MVC1920EL	
395 x 35	MVN1910EP	MVN1920EP		MVC1910EP	MVC1920EP	
515 x 35	MVN1910EU	MVN1920EU		MVC1910EU	MVC1920EU	
605 x 35	MVN1910EX	MVN1920EX		MVC1910EX	MVC1920EX	
65 x 50	MVN1910GC	MVN1920GC	MVN1970GC	MVC1910GC	MVC1920GC	MVC1970GC
95 x 50	MVN1910GD	MVN1920GD	MVN1970GD	MVC1910GD	MVC1920GD	MVC1970GD
155 x 50	MVN1910GF	MVN1920GF	MVN1970GF	MVC1910GF	MVC1920GF	MVC1970GF
215 x 50	MVN1910GH	MVN1920GH	MVN1970GH	MVC1910GH	MVC1920GH	MVC1970GH
305 x 50	MVN1910GL	MVN1920GL	MVN1970GL	MVC1910GL	MVC1920GL	MVC1970GL
395 x 50	MVN1910GP	MVN1920GP	MVN1970GP	MVC1910GP	MVC1920GP	MVC1970GP
515 x 50	MVN1910GU	MVN1920GU	MVN1970GU	MVC1910GU	MVC1920GU	MVC1970GU
605 x 50	MVN1910GX	MVN1920GX	MVN1970GX	MVC1910GX	MVC1920GX	MVC1970GX
95 x 80	MVN1910LD	MVN1920LD		MVC1910LD	MVC1920LD	
155 x 80	MVN1910LF	MVN1920LF		MVC1910LF	MVC1920LF	
215 x 80	MVN1910LH	MVN1920LH		MVC1910LH	MVC1920LH	
305 x 80	MVN1910LL	MVN1920LL		MVC1910LL	MVC1920LL	
395 x 80	MVN1910LP	MVN1920LP		MVC1910LP	MVC1920LP	
515 x 80	MVN1910LU	MVN1920LU		MVC1910LU	MVC1920LU	
605 x 80	MVN1910LX	MVN1920LX		MVC1910LX	MVC1920LX	
95 x 95	MVN1910ND	MVN1920ND	MVN1970ND	MVC1910ND	MVC1920ND	MVC1970ND
155 x 95	MVN1910NF	MVN1920NF	MVN1970NF	MVC1910NF	MVC1920NF	MVC1970NF
215 x 95	MVN1910NH	MVN1920NH	MVN1970NH	MVC1910NH	MVC1920NH	MVC1970NH
305 x 95	MVN1910NL	MVN1920NL	MVN1970NL	MVC1910NL	MVC1920NL	MVC1970NL
395 x 95	MVN1910NP	MVN1920NP	MVN1970NP	MVC1910NP	MVC1920NP	MVC1970NP
515 x 95	MVN1910NU	MVN1920NU	MVN1970NU	MVC1910NU	MVC1920NU	MVC1970NU
605 x 95	MVN1910NX	MVN1920NX	MVN1970NX	MVC1910NX	MVC1920NX	MVC1970NX

# Detailed code tables

## BRX PERFORATED STEEL CABLE TRAYS

### BRX 35 CABLE TRAYS



MV X4 010 5

#### PERFORATED STEEL CABLE TRAY - 3 METERS - HEIGHT 35

Code	Product in stock	BRN equivalent	Internal width (mm)	Power cables capacity kg/m	Packing details
<b>FINISHING: Z275</b>					
MVX40100	•	MV40100	62	5	30
MVX40101	•	MV40101	92	7.3	30
MVX40103	•	MV40103	152	12.5	18
MVX40105	•	MV40105	212	17.7	18
MVX40108	-	MV40108	302	25.4	6
MVX40111	-	MV40111	392	33.1	6
MVX40115	-	-	512	44.5	6
MVX40117	-	-	602	52.5	6
<b>FINISHING: HDG</b>					
MVX40200	-	MV40200	62	5	30
MVX40201	-	MV40201	92	7.3	30
MVX40203	-	MV40203	152	12.5	18
MVX40205	-	MV40205	212	17.7	18
MVX40208	-	MV40208	302	25.4	6
MVX40211	-	MV40211	392	33.1	6
MVX40215	-	-	512	44.5	6
MVX40217	-	-	602	52.5	6

NOTE: Available in Epoxy on request.



MV X0 213 EH

#### PERFORATED STEEL CABLE TRAY WITH COUPLERS INCLUDED - 3 METERS - HEIGHT 35

Code	Product in stock	Internal width (mm)	Power cables capacity kg/m	Packing details
<b>FINISHING: Z275</b>				
MVX0213EC	•	65	5	30
MVX0213ED	•	95	7.3	30
MVX0213EF	•	155	12.5	18
MVX0213EH	•	215	17.7	18
MVX0213EL	-	305	25.4	6
MVX0213EP	-	395	33.1	6
MVX0213EU	-	515	44.5	6
MVX0213EX	-	605	52.5	6

NOTE: Supplied with two MVX41110 automatic couplers. Available in Epoxy on request.



MV X4 111 0

#### BRX 35 AUTOMATIC COUPLER

Code	Product in stock	BRN equivalent	Type	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MVX4111 0	•	MV41110	BRX 35	0.093	120

NOTE: Available in Epoxy on request. Not compatible with BRN



MV C0 710 GA

#### BRX BOLT COUPLER

Code	Product in stock	BRN equivalent	Type	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV C0 710 EA	•	MV41120	BRX 35	0.092	240
<b>FINISHING: HDG</b>					
MV C0 720 EA	-	-	BRX 35	0.096	240

NOTE: Use 4 M6x14 bolts per coupler for BRX 35/50 and 8 M6x14 bolts per coupler for BRX 80 6 95 available in Epoxy upon request. Not compatible with the BRN range.

# BRX Range Perforated steel cable trays

## BRX 50 CABLE TRAYS



MV X4 012 5

### PERFORATED STEEL CABLE TRAY - 3 METERS - HEIGHT 50

Code	Product in stock	BRN equivalent	Internal width (mm)	Power cables capacity kg/m	Packing details
<b>FINISHING: Z275</b>					
MXV40120	•	MV40120	65	7.3	24
MXV40121	•	MV40121	95	10.8	24
MXV40123	•	MV40123	155	18.2	12
MXV40125	•	MV40125	215	25.6	12
MXV40128	•	MV40128	305	36.7	6
MXV40131	•	MV40131	395	47.8	6
MXV40135	•	MV40135	515	62.6	6
MXV40137	-	-	605	73.7	6
<b>FINISHING: HDG</b>					
MXV40220	-	MV40220	65	7.3	24
MXV40221	-	MV40221	95	10.8	24
MXV40223	-	MV40223	155	18.2	12
MXV40225	-	MV40225	215	25.6	12
MXV40228	-	MV40228	305	36.7	6
MXV40231	-	MV40231	395	47.8	6
MXV40235	-	MV40235	515	62.6	6
MXV40237	-	MV40237	605	73.7	6
<b>FINISHING: HP</b>					
MXV40720	•	-	65	7.3	24
MXV40721	•	-	95	10.8	24
MXV40723	•	-	155	18.2	12
MXV40725	•	-	215	25.6	12
MXV40728	•	-	305	36.7	6
MXV40731	•	-	395	47.8	6
MXV40735	•	-	515	62.6	6
MXV40737	-	-	605	73.7	6

NOTE: Available in Epoxy on request.



MV X0 213 GH

### PERFORATED STEEL CABLE TRAY WITH COUPLERS INCLUDED - 3 METERS - HEIGHT 50

Code	Product in stock	BRN equivalent	Internal width (mm)	Power cables capacity kg/m	Packing details
<b>FINISHING: Z275</b>					
MXV0213GC	•	-	65	7.3	24
MXV0213GD	•	-	95	10.8	24
MXV0213GF	•	-	155	18.2	12
MXV0213GH	•	-	215	25.6	12
MXV0213GL	•	-	305	36.7	6
MXV0213GP	•	-	395	47.8	6
MXV0213GU	•	-	515	62.6	6
MXV0213GX	-	-	605	73.7	6
<b>FINISHING: HP</b>					
MXV0273GC	•	-	65	7.3	24
MXV0273GD	•	-	95	10.8	24
MXV0273GF	•	-	155	18.2	12
MXV0273GH	•	-	215	25.6	12
MXV0273GL	•	-	305	36.7	6
MXV0273GP	•	-	395	47.8	6
MXV0273GU	•	-	515	62.6	6
MXV0273GX	-	-	605	73.7	6

NOTE: Supplied with two MVX41111 automatic couplers for Z275 Finishing and MVX0670GA for HP Finishing. Available in Epoxy on request.

### BRX 50 AUTOMATIC COUPLER

Code	Product in stock	BRN equivalent	Type	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MXV41111	•	MV41111	BRX 50	0.115	100
<b>FINISHING: HP</b>					
MXV0670GA	•	-	BRX 50	0.115	100

NOTE: Available in Epoxy on request. Not compatible with the BRN range.

### BRX BOLT COUPLER

Code	Product in stock	BRN equivalent	Type	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV CO 710 GA	•	MV41120	BRX 50	0.114	200
<b>FINISHING: HDG</b>					
MV CO 720 GA	-	-	BRX 50	0.118	200
<b>FINISHING: HP</b>					
MV CO 770 GA	•	-	BRX 50	0.114	200

NOTE: Use 4 M6x14 bolts per coupler for BRX 35/50 and 8 M6x14 bolts per coupler for BRX 80 & 95 available in Epoxy upon request. Not compatible with the BRN range.



MV X4 111 1



MV CO 710 GA

**BRX 80 CABLE TRAYS**



MV X0 013 LH

**PERFORATED STEEL CABLE TRAY - 3 METERS - HEIGHT 80**

Code	Product in stock	BRN equivalent	Internal width (mm)	Power cables capacity kg/m	Packing details
<b>FINISHING: Z275</b>					
MVX0013LD	-	MVN0013LD	95	23.7	18
MVX0013LF	-	MVN0013LF	155	29.6	12
MVX0013LH	-	MVN0013LH	215	41.5	12
MVX0013LL	-	MVN0013LL	305	59.4	6
MVX0013LP	-	MVN0013LP	395	77.3	6
MVX0013LU	-	MVN0013LU	515	101.1	6
MVX0013LX	-	MVN0013LX	605	119	6
<b>FINISHING: HDG</b>					
MVX0023LD	-	MVN0023LD	95	23.7	18
MVX0023LF	-	MVN0023LF	155	29.6	12
MVX0023LH	-	MVN0023LH	215	41.5	12
MVX0023LL	-	MVN0023LL	305	59.4	6
MVX0023LP	-	MVN0023LP	395	77.3	6
MVX0023LU	-	MVN0023LU	515	101.1	6
MVX0023LX	-	MVN0023LX	605	119	6

NOTE: Available in Epoxy on request.



MV X0 213 LH

**PERFORATED STEEL CABLE TRAY WITH COUPLERS INCLUDED - 3 METERS - HEIGHT 80**

Code	Product in stock	Internal width (mm)	Power cables capacity kg/m	Packing details
<b>FINISHING: Z275</b>				
MVX0213LD	-	95	23.7	18
MVX0213LF	-	155	29.6	12
MVX0213LH	-	215	41.5	12
MVX0213LL	-	305	59.4	6
MVX0213LP	-	395	77.3	6
MVX0213LU	-	515	101.1	6
MVX0213LX	-	605	119	6

NOTE: Supplied with two MVX0610LA automatic couplers for Finishing. Available in Epoxy on request.



MV X0 610 LA

**BRX 80 AUTOMATIC COUPLER**

Code	Product in stock	Type	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MVX0610LA	-	BRX 80	0.156	60

NOTE: Available in Epoxy on request. Not compatible with BRN



MV CO 710 GA

**BRX BOLT COUPLER**

Code	Product in stock	BRN equivalent	Type	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV CO 710 LA	-	MVCO310XA	BRX 80	0.155	140
<b>FINISHING: HDG</b>					
MV CO 720 LA	-	-	BRX 80	0.162	140

NOTE: Use 4 M6x14 bolts per coupler for BRX 35/50 and 8 M6x14 bolts per coupler for BRX 80 & 95 available in Epoxy upon request. Not compatible with the BRN range.

# BRX Range Perforated steel cable trays

## BRX 95 CABLE TRAYS



MV X0 013 NH

### PERFORATED STEEL CABLE TRAY - 3 METERS - HEIGHT 95

Code	Product in stock	BRN equivalent	Internal width (mm)	Power cables capacity kg/m	Packing details
<b>FINISHING: Z275</b>					
MX0013ND	•	MVN0013ND	95	22.2	12
MX0013NF	•	MVN0013NF	155	36.5	12
MX0013NH	•	MVN0013NH	215	50.7	6
MX0013NL	•	MVN0013NL	305	72	6
MX0013NP	•	MVN0013NP	395	93.3	6
MX0013NU	•	MVN0013NU	515	121.8	6
MX0013NX	-	MVN0013NX	605	143.1	6
<b>FINISHING: HDG</b>					
MX0023ND	-	MVN0023ND	95	22.2	12
MX0023NF	-	MVN0023NF	155	36.5	12
MX0023NH	-	MVN0023NH	215	50.7	6
MX0023NL	-	MVN0023NL	305	72	6
MX0023NP	-	MVN0023NP	395	93.3	6
MX0023NU	-	MVN0023NU	515	121.8	6
MX0023NX	-	MVN0023NX	605	143.1	6
<b>FINISHING: HP</b>					
MX0073ND	•	-	95	22.2	12
MX0073NF	•	-	155	36.5	12
MX0073NH	•	-	215	50.7	6
MX0073NL	•	-	305	72	6
MX0073NP	•	-	395	93.3	6
MX0073NU	•	-	515	121.8	6
MX0073NX	-	-	605	143.1	6

NOTE: Available in Epoxy on request.



MV X0 213 NH

### PERFORATED STEEL CABLE TRAY WITH COUPLERS INCLUDED - 3 METERS - HEIGHT 95

Code	Product in stock	Internal width (mm)	Power cables capacity kg/m	Packing details
<b>FINISHING: Z275</b>				
MX0213ND	•	95	22.2	12
MX0213NF	•	155	36.5	12
MX0213NH	•	215	50.7	6
MX0213NL	•	305	72	6
MX0213NP	•	395	93.3	6
MX0213NU	•	515	121.8	6
MX0213NX	-	605	143.1	6
<b>FINISHING: HP</b>				
MX0273ND	•	95	22.2	12
MX0273NF	•	155	36.5	12
MX0273NH	•	215	50.7	6
MX0273NL	•	305	72	6
MX0273NP	•	395	93.3	6
MX0273NU	•	515	121.8	6
MX0273NX	-	605	143.1	6

NOTES: Supplied with two MVX0610NA automatic couplers for Z275 Finishing and MVX0670NA for HP Finishing. Available in Epoxy on request.

### BRX 95 AUTOMATIC COUPLER

Code	Product in stock	Type	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MX0610NA	•	BRX 95	0.178	40
<b>FINISHING: HP</b>				
MX0670NA	•	BRX 95	0.178	40

NOTE: Available in Epoxy on request. Not compatible with the BRN range.

### BRX BOLT COUPLER

Code	Product in stock	BRN equivalent	Type	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV C0 710 NA	•	MVC0310XA	BRN 95	0.177	120
<b>FINISHING: HDG</b>					
MV C0 720 NA	-	-	BRN 95	0.185	120
<b>FINISHING: HP</b>					
MV C0 770 NA	•	-	BRN 95	0.177	120

NOTE: Use 4 M6x14 bolts per coupler for BRX 35/50 and 8 M6x14 bolts per coupler for BRX 80 & 95 available in Epoxy upon request. Not compatible with the BRN range.



MV X0 610 NA



MV C0 710 GA

**COUPLERS**



MV X0 610 LA

**BRX AUTOMATIC COUPLER**

Code	Product in stock	BRN equivalent	Type	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV X4 111 0	•	MV41110	BRX 35	0.093	120
MV X4 111 1	•	MV41111	BRX 50	0.115	100
MV X0 610 LA	•	-	BRX 80	0.156	60
MV X0 610 NA	•	-	BRX 95	0.178	40
<b>FINISHING: HP</b>					
MV X0 670 GA	•	-	BRX 50	0.115	100
MV X0 670 NA	•	-	BRX 95	0.178	40

NOTE: Available in Epoxy on request. Not compatible with the BRN range.

**BRX BOLT COUPLER**



MV CO 710 GA

Code	Product in stock	BRN equivalent	Type	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV CO 710 EA	•	MV41120	BRX 35	0.092	240
MV CO 710 GA	•	MV41120	BRX 50	0.114	200
MV CO 710 LA	-	MVC0310XA	BRX 80	0.155	140
MV CO 710 NA	•	MVC0310XA	BRN 95	0.177	120
<b>FINISHING: HDG</b>					
MV CO 720 EA	-	-	BRX 35	0.096	240
MV CO 720 GA	-	-	BRX 50	0.118	200
MV CO 720 LA	-	-	BRX 80	0.162	140
MV CO 720 NA	-	-	BRN 95	0.185	120
<b>FINISHING: HP</b>					
MV CO 770 GA	•	-	BRX 50	0.114	200
MV CO 770 NA	•	-	BRN 95	0.177	120

NOTE: Use 4 M6x14 bolts per coupler for BRX 35/50 and 8 M6x14 bolts per coupler for BRX 80 & 95 available in Epoxy upon request. Not compatible with the BRN range.

**BRX FOLDING COUPLER**

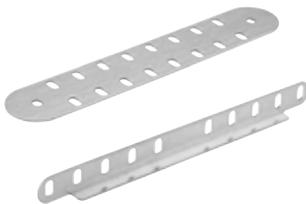


MB CO 810 GA

Code	Product in stock	BRN equivalent	Type	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MVC0810EA	•	MV41130	BRX/BRN 35	0.076	240
MVC0 810GA	•	MV41130	BRX/BRN 50	0.097	200
MVC0810LA	-	MVC0410XA	BRX/BRN 80	0.139	140
MVC0810NA	•	MVC0410XA	BRX/BRN 95	0.16	120
<b>FINISHING: HDG</b>					
MVC0820EA	-	-	BRX/BRN 35	0.079	240
MVC0820GA	-	-	BRX/BRN 50	0.102	200
MVC0820LA	-	-	BRX/BRN 80	0.145	140
MVC0820NA	-	-	BRX/BRN 95	0.168	120
<b>FINISHING: HP</b>					
MVC0870GA	•	-	BRX/BRN 50	0.097	200
MVC0870NA	•	-	BRX/BRN 95	0.16	120

NOTE: Use a galvanized touch-up spray after bending to ensure corrosion resistance, for the HDG version. Available in Epoxy on request.

**BRX VARIABLE ANGLE COUPLER**



MV 41 140  
MV 41 120

Code	Product in stock	Type	Packing details
<b>FINISHING: Z275</b>			
MV41120	•	BRX/BRN 35-50	100
MV41 140	-	BRX/BRN 80-95	100
<b>FINISHING: HDG</b>			
MV41222	-	BRX/BRN 35-50	100
MV41240	-	BRX/BRN 80-95	100
<b>FINISHING: HP</b>			
MV41720	•	BRX/BRN 35-50	100
MV41740	-	BRX/BRN 80-95	100

NOTE: The half-strip coupler allows for a variable-angle vertical plane change. Available in Epoxy on request.

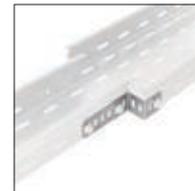
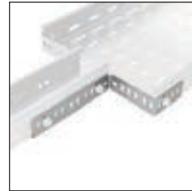
# BRX Range Perforated steel cable trays



MV C3 510 GA

## UNIVERSAL COUPLER

Code	Product in stock	Type	Packing details
<b>FINISHING: Z275</b>			
MVC3510GA	•	BRX 35-50	40
MVC3510LA	-	BRX 80	25
MVC3510NA	•	BRX 95	40
<b>FINISHING: HDG</b>			
MVC3520GA	•	BRX 35-50	40
MVC3520LA	-	BRX 80	25
MVC3520NA	•	BRX 95	40



## EARTHING TERMINAL

Code	Product in stock	Type	Ø (mm)	Height (mm)	Nominal section in mm <sup>2</sup>	Kg/m	Packing details
MV41940	•	Terminal kit + 2 washers	17	20	16-25	0.48	10/250
MV41941	•	Terminal kit + 2 washers	21	26	25-70	0.7	10
MV41942	-	Terminal kit + 2 washers	24	30	25-95	0.94	10/200
MV41943	-	Terminal only	17	20	16-25	0.382	10/250
MV41944	-	Terminal only	21	26	25-70	0.606	10/200
MV41945	-	Terminal only	24	30	25-95	0.845	10/200
MV41947	-	Bi-metal washer	-	-	-	0.005	100



MV 41 940

In order to prevent any risk of corrosion due to the electrochemical coupling between the earthing terminals and the coating of the cable trays, it is imperative to use two bi-metal washers per terminal, placing the grey side of the washers on the cable tray side.

## BOLT AND NUT

Code	Product in stock	Description	Dimension	Kg/u	Packing details
<b>FINISHING: EZ</b>					
MV66100	•	Bolt + nut	M6x10	0.748	100
MV66101	•	Bolt + nut	M6x14	0.82	100
MV66403	•	Bolt + nut	M6x20	0.936	100
<b>FINISHING: GEOMET</b>					
MV66200	•	Bolt + nut	M6x10	0.82	100
MV66201	•	Bolt + nut	M6x14	0.748	100
MV66203	•	Bolt + nut	M6x20	0.936	100



MV 66 100

## TOOTHED CONTACT WASHER

Code	Ø (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV64179	6	0.005	100



MV 64 179

To ensure the electrical continuity with cable trays with epoxy Finishing.

**BRX COVERS**



MVC0013AH

**BRX SNAP-ON COVER - 3 METERS BRX**

Code	Product in stock	Width (mm)	Kg/m	Packing details
<b>FINISHING: Z275</b>				
MVC0013AC	•	65	0.545	30
MVC0013AD	•	95	0.644	30
MVC0013AF	•	155	0.94	24
MVC0013AH	•	215	0.545	18
MVC0013AL	•	305	1.683	12
MVC0013AP	•	395	2.701	12
MVC0013AU	•	515	3.454	12
MVC0013AX	-	605	4.02	12
<b>FINISHING: HDG</b>				
MVC0023AC	-	65	0.545	30
MVC0023AD	-	95	3.454	30
MVC0023AF	-	155	0.94	24
MVC0023AH	-	215	1.236	18
MVC0023AL	-	305	1.683	12
MVC0023AP	-	395	2.701	12
MVC0023AU	-	515	3.454	12
MVC0023AX	-	605	4.02	12
<b>FINISHING: HP</b>				
MVC0073AC	•	65	0.545	30
MVC0073AD	•	95	0.644	30
MVC0073AF	•	155	0.94	24
MVC0073AH	•	215	1.236	18
MVC0073AL	•	305	1.683	12
MVC0073AP	•	395	2.701	12
MVC0073AU	•	515	3.454	12
MVC0073AX	-	605	4.02	12

**NOTE:** The cover snaps into place with a simple press (significant savings made on the clips). For vertical and edge installation, the clip is mandatory (2 clips/m or 6 clips per cover). BRN compatible.

Fixing with a simple press

BRX Range

**BRX COVER ACCESSORIES**



MV 41 602

**BRX COVER CLIP**

Code	Product in stock	For BRX	Packing details
<b>FINISHING: INOX 304L</b>			
MV41601	•	35	10
MV41602	•	50 - 80	10
MV41603	•	65 - 95	10

**NOTE:** The cover clip is required for cable trays in the vertical position or when mounted on the edge.



MV 48 151

**BRX JOIN PLATE**

Code	Width (mm)	Packing details
<b>FINISHING: Z275</b>		
MV48151	395	10
MV48155	515	10
MV48157	605	10
<b>FINISHING: HDG</b>		
MV48251	395	10
MV48255	515	10
MV48257	605	10

**NOTE:** Available in Epoxy on request.

# BRX Range Perforated steel cable trays

## BRX DIVIDERS

BRX Range



MV 65 110 X

### DIVIDER - 3 METERS

Code	Product in stock	For BRX	Kg/m	Packing details
<b>FINISHING: Z275</b>				
MV65110X	-	35	0.484	30
MV65111X	•	50	0.571	30
MV65113X	•	80 - 95	0.741	30
<b>FINISHING: HDG</b>				
MV65210X	-	35	0.484	30
MV65211X	•	50	0.571	30
MV65213X	-	80 - 95	0.741	30
<b>FINISHING: HP</b>				
MV65711X	•	50	0.571	???
MV65713X	•	80 - 95	0.741	???

**NOTE:** Available in Epoxy on request.  
Can be used with cover from width 95.  
Quick attachment on cable tray with folding tab.  
M6 bolts can be inserted in the 25x7 holes for greater safety.

### PROTECTION JOINT

Code	Finishing	Packing details
MV65719	PVC	50

Tool-free installation to ensure perfect alignment of the rounded edge of the dividers between two pieces.



MV 65 719

## ACCESSORIES

### BRX SUPPORT PROFILE



MV 65 100

### STRAIGHT-EDGED SUPPORT PROFILE - 3 METERS

Code	Product in stock	Width (mm)	Kg/m	Packing details
<b>FINISHING: Z275</b>				
MV65100	•	35	0.75	30
<b>FINISHING: HDG</b>				
MV65200	-	35	0.75	30

**NOTE:** Available in Epoxy on request.  
Dimensions 27x36.  
Profile for suspended support.

**MAVICURVE - FAST VARIABLE ANGLE CURVE WITHOUT CUTTING**

MAVICURVE



MV 12 120

**BRX 50 FAST VARIABLE ANGLE CURVE WITHOUT CUTTING**

Code	Width (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV12120	65	0.512	2
MV12121	95	0.686	2
MV12123	155	1.068	2
MV12125	215	1.44	2
MV12128	305	2.839	2
MV12131	395	4.751	2
MV12135	515	7.031	2
MV12137	605	8.736	2

**NOTE:** 100% adaptable (a single straight element for all of your horizontal curves from 0° to 90°).  
 100% fast and effective (only a pair of pliers is required to create a curve in less than two minutes).  
 100% integrated into the BRX range (same design, MAVIL coupler, electrical and mechanical continuity, cable protection).  
 This product is secured with BRX bolt coupler.

**BRX Range**

**TECHNICAL DATA SHEET**

Rolled tabs for good mechanical fastening on the bottom and a continuous finishing for the cable tray

Pre-cut bottom in sections

**in just 2 mins**

Machining on the edge to facilitate distortion during bending (only a hammer is required to initiate distortion)

**PATENT**  
**MAVIL®**

The tabs or inner strips can be bolted to clamp the system in place, in the case of a 90° curve, to increase the rigidity of the assembling (use the 6x14 bolt with nut + MV 66 101 base page 56).

# BRX Range Perforated steel cable trays

## FIXING AND SUSPENDING ACCESSORIES

### SUSPENSION ACCESSORIES

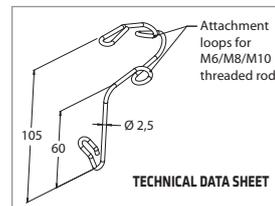


MV 64 126

#### UNIVERSAL AUTOMATIC HANGER

Code	Product in stock	For threaded rod	Kg/u	daN	Packing details
<b>FINISHING: Z275</b>					
MV64126	•	M6	0.013	47	10/1000
MV64127	•	M8	0.013	47	10/1000
MV64128	-	M10	0.013	47	10/1000
<b>FINISHING: HP</b>					
MV64726	-	M6	0.013	47	10/1000
MV64727	-	M8	0.013	47	10/1000
MV64728	-	M10	0.013	47	10/1000
<b>FINISHING: INOX 316L</b>					
MV64826	-	M6	0.013	47	10/1000
MV64827	-	M8	0.013	47	10/1000
MV64828	-	M10	0.013	47	10/1000

**NOTE:** 100% quick attachment with no screws or bolts.  
Precise adjustment of the installation height possible by using the spring effect.  
Suspension compatible with BRN50/65/80/95/110.



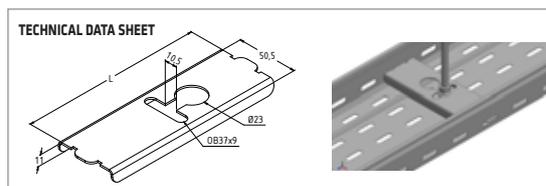
#### BRX INTERNAL CENTRAL HANGING BRACKET



MV 41 160

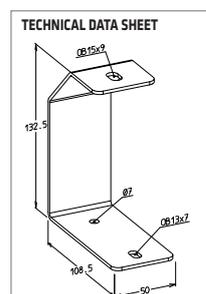
Code	Product in stock	Width	Kg/u	daN	Packing details
<b>FINISHING: Z275</b>					
MV41160	-	65	0.042	14	128
MV41161	•	95	0.066	14	96
MV41163	•	155	0.112	23	56
MV41164	•	215	0.209	44	44
MV41165	•	305	0.371	50	40
<b>FINISHING: HDG</b>					
MV41260	-	65	0.042	14	128
MV41261	-	95	0.066	14	96
MV41263	-	155	0.112	23	56
MV41264	-	215	0.209	44	44
MV41265	-	305	0.371	50	74

**NOTE:** Suspension cannot be seen from the outside once installed.  
Suspension attaches to the cable tray without screws or bolts via a simple snap-on system.  
Compatible with threaded rods from M6 to M10.



#### BRX SUSPENSION BRACKET WIDTH 65/95

Code	Product in stock	Kg/u	daN	Packing details
<b>FINISHING: Z275</b>				
MV64160	•	0.45	22	50
<b>FINISHING: HDG</b>				
MV64260	-	0.45	22	50



MV 64 160

**TECHNICAL DATA**



Product standard: IEC 61537  
 CE Marking  
 Material: STEEL (metallic)  
 Flame propagation: NON-PROPAGATING  
 Electrical continuity: YES (with all range coupler)  
 Electrical conductivity: YES

Finishings: METAL COATINGS & STAINLESS STEEL  
 Option: EPOXY paint color  
 Operating temperature: from -15°C to +40°C  
 Protection rating: IP20 (with cover)  
 Perforation: class B (greater than 2% and up to 15%)  
 Impact resistance: 20J

BRX Range

Working width (mm)	Working section (mm <sup>2</sup> )			
	BRX35	BRX50	BRX80	BRX95
65	2,275	3,250	-	-
95	3,325	4,750	7,485	8,892
155	5,425	7,750	12,273	14,580
215	7,525	10,750	17,061	20,268
305	10,675	15,250	24,243	28,800
395	13,825	19,750	31,425	37,332
515	18,025	25,750	41,001	48,708
605	21,175	30,250	48,183	57,240

Steel thickness: 1.5 mm

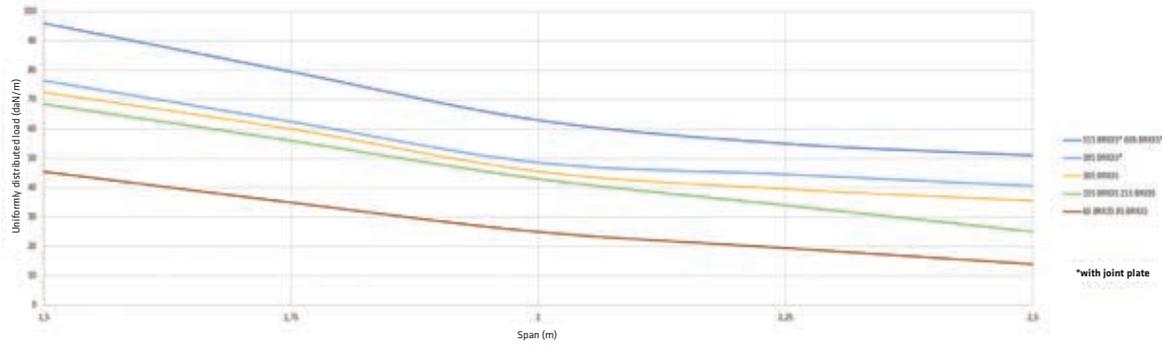
**CAPACITY\* (kg/m)**

Width (mm)	Signal cables d=0.15 kg/cm <sup>2</sup> /m				Power cables d=0.25 kg/cm <sup>2</sup> /m			
	BRX35	BRX50	BRX80	BRX95	BRX35	BRX50	BRX80	BRX95
65	3	4.4			5	7.3	-	-
95	4.4	6.4	11.2	13.3	7.3	10.8	18.7	22.2
155	7.5	10.9	18.4	21.9	12.5	18.2	30.7	36.5
215	10.6	15.3	25.6	30.4	17.7	25.6	42.7	50.7
305	15.2	22	36.4	43.2	25.4	36.7	60.6	72
395	19.9	28.7	47.1	56	33.1	47.8	78.6	93.3
515	25.9	37.6	61.5	73.1	43.2	62.6	102.5	121.8
605	30.4	44.2	72.3	85.9	50.7	73.7	120.5	143.1

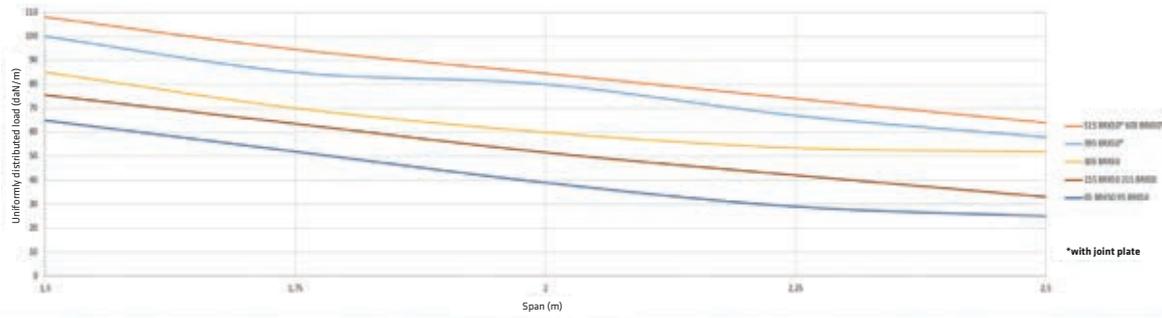
\*capacity for 100% cable tray filling

# BRX Range Perforated steel cable trays

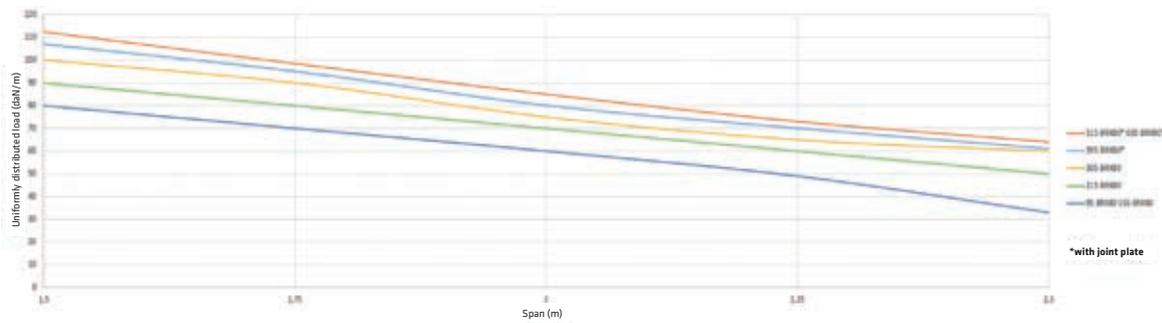
## BRX35 - SWL\*\*



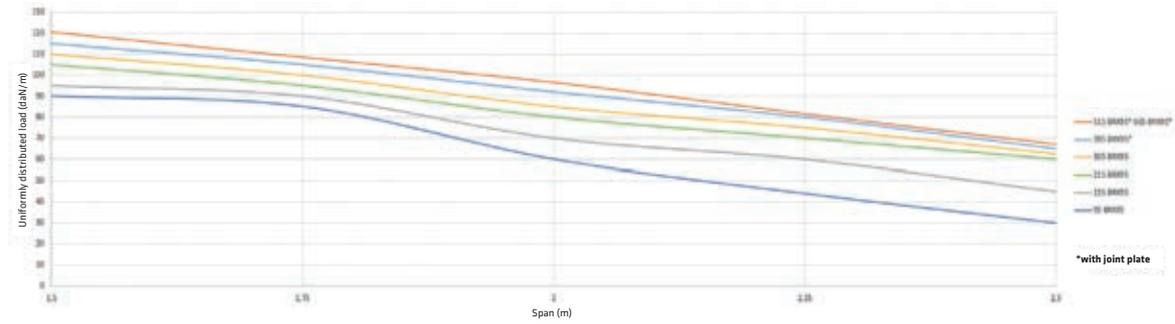
## BRX50 - SWL\*\*



## BRX80 - SWL\*\*



**BRX95 - SWL\*\***



\*\*SWL= Safety Working Load

**BRX Range**



**ROUNDED  
EDGES  
=  
SAFETY**

No risk of damage  
for the operator or cable

BRN HL Range



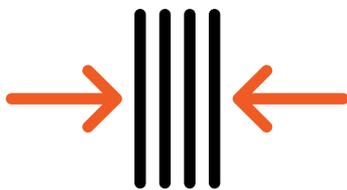
**FULL  
RANGE**

with accessories and derivations



**SUPPORTING**

STRUT and TRISIGMA complete  
support system suitable for  
heavy-duty applications.



**HIGH  
RESISTANCE**

Increased steel thickness of  
1.5 mm (2 mm on request).



**QUICK FIXING  
COVER**

Snap-on fastening  
by simply pressing  
the rounded edges of  
the cable tray

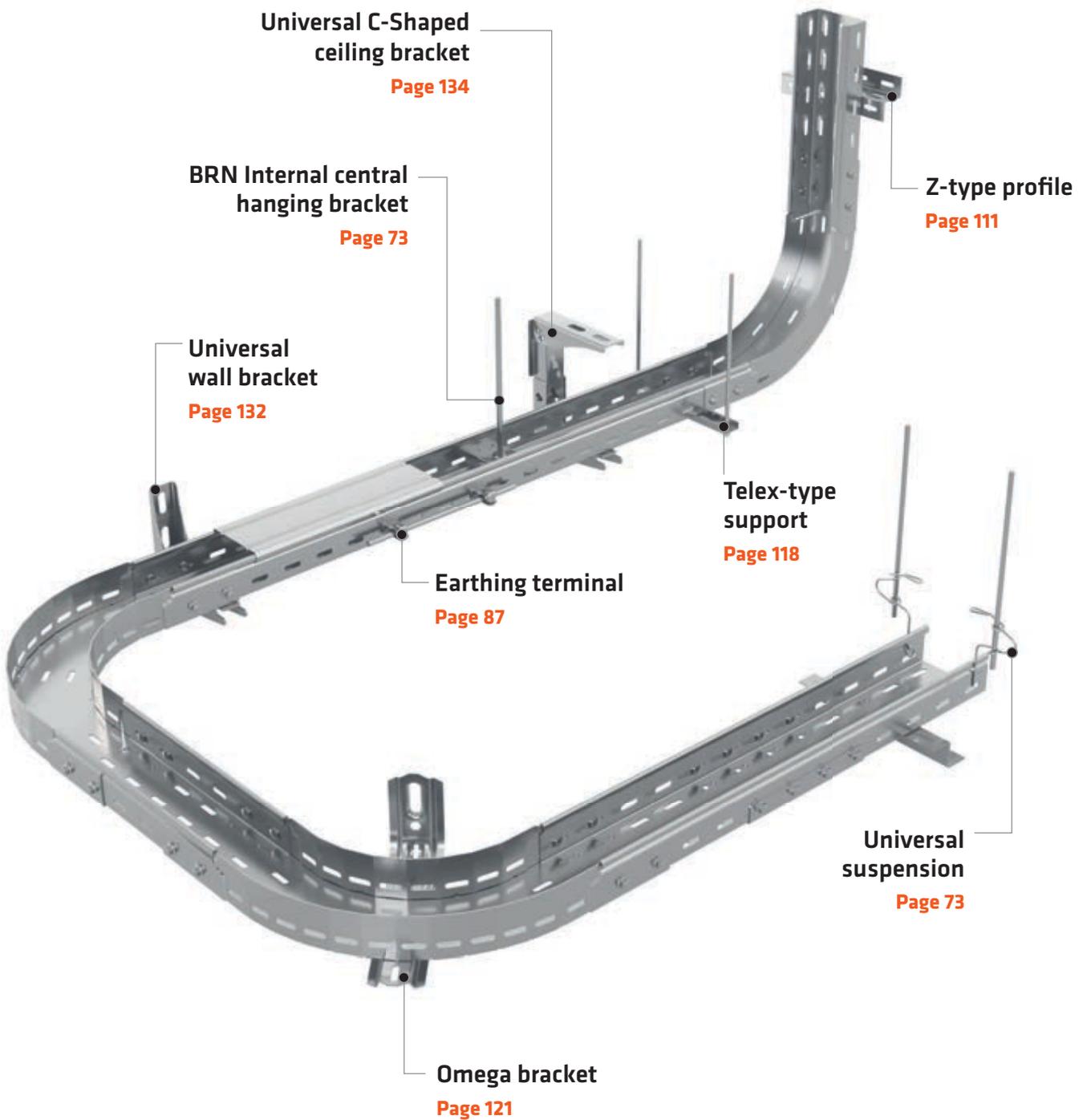
Range **BRN**  
**HL**

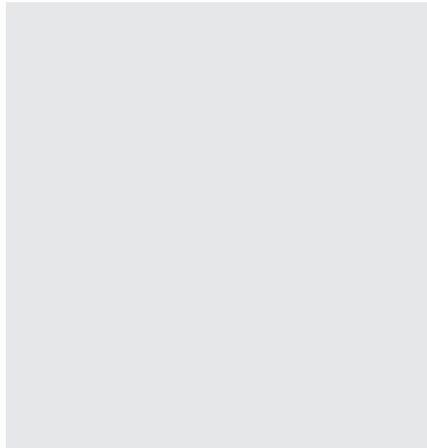
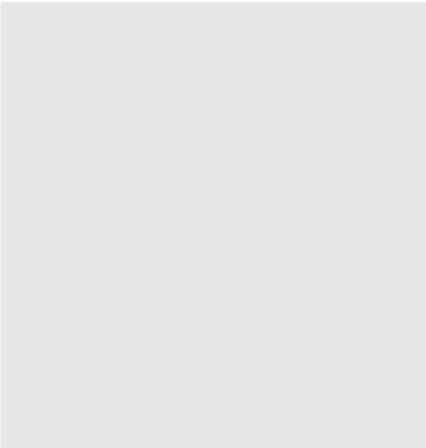
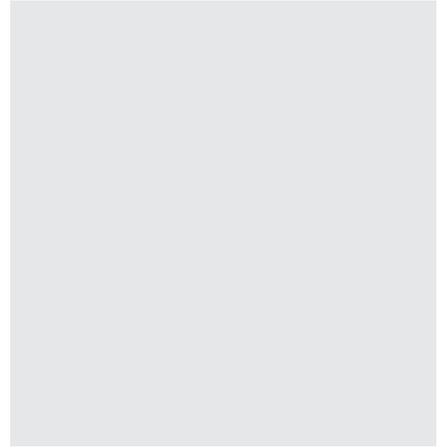
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Heavy Load steel cable trays

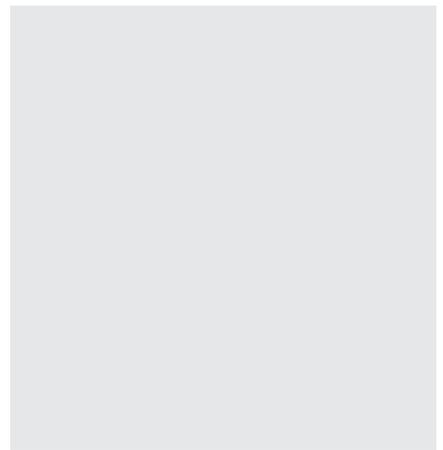


## BRN HL layout scheme





BRN HL Range



# BRN HL Range Heavy Load steel cable trays

## BRN HL & accessories choosing guide



Cable tray



Cover



Clip for cover

W x H (mm)	Z275	HDG	Z275	HDG	(for edge and vertical installation)
65 x 50	MVH0013GC	MVH0023GC	MVH0013AC	MVH0023AC	MV41602
95 x 50	MVH0013GD	MVH0023GD	MVH0013AD	MVH0023AD	
155 x 50	MVH0013GF	MVH0023GF	MVH0013AF	MVH0023AF	
215 x 50	MVH0013GH	MVH0023GH	MVH0013AH	MVH0023AH	
305 x 50	MVH0013GL	MVH0023GL	MVH0013AL	MVH0023AL	
395 x 50	MVH0013GP	MVH0023GP	MVH0013AP	MVH0023AP	
515 x 50	MVH0013GU	MVH0023GU	MVH0013AU	MVH0023AU	
605 x 50	MVH0013GX	MVH0023GX	MVH0013AX	MVH0023AX	
95 x 80	MVH0013LD	MVH0023LD	MVH0013AD	MVH0023AD	
155 x 80	MVH0013LF	MVH0023LF	MVH0013AF	MVH0023AF	
215 x 80	MVH0013LH	MVH0023LH	MVH0013AH	MVH0023AH	
305 x 80	MVH0013LL	MVH0023LL	MVH0013AL	MVH0023AL	
395 x 80	MVH0013LP	MVH0023LP	MVH0013AP	MVH0023AP	
515 x 80	MVH0013LU	MVH0023LU	MVH0013AU	MVH0023AU	
605 x 80	MVH0013LX	MVH0023LX	MVH0013AX	MVH0023AX	
95 x 95	MVH0013ND	MVH0023ND	MVH0013AD	MVH0023AD	MV41603
155 x 95	MVH0013NF	MVH0023NF	MVH0013AF	MVH0023AF	
215 x 95	MVH0013NH	MVH0023NH	MVH0013AH	MVH0023AH	
305 x 95	MVH0013NL	MVH0023NL	MVH0013AL	MVH0023AL	
395 x 95	MVH0013NP	MVH0023NP	MVH0013AP	MVH0023AP	
515 x 95	MVH0013NU	MVH0023NU	MVH0013AU	MVH0023AU	
605 x 95	MVH0013NX	MVH0023NX	MVH0013AX	MVH0023AX	



Divider



Bolt couplers



Folding couplers



Variable angle couplers

	Z275	HDG	Z275	HDG	Z275	HDG	Z275	HDG
BRN50	MV65111X	MV65211X	MVC0710GA	MVC0720GA	MVC0810GA	MVC0820GA	MV CO 510 EA	MV CO 520 EA
BRN80	MV65113X	MV65213X	MVC0710LA	MVC0720LA	MVC0810LA	MVC0820LA	MV CO 510 JA	MV CO 520 JA
BRN95	MV65113X	MV65213X	MVC0710NA	MVC0720NA	MVC0810NA	MVC0820NA	MV CO 510 NA	MV CO 520 NA



90° horizontal curve		Cover		45° horizontal curve		Cover		W x H (mm)
Z275	HDG	Z275	HDG	Z275	HDG	Z275	HDG	
MVN1110GC	MVN1120GC	MVC1110AC	MVC1120AC	MVN1210GC	MVN1220GC	MVC1210AC	MVC1220AC	65 x 50
MVN1110GD	MVN1120GD	MVC1110AD	MVC1120AD	MVN1210GD	MVN1220GD	MVC1210AD	MVC1220AD	95 x 50
MVN1110GF	MVN1120GF	MVC1110AF	MVC1120AF	MVN1210GF	MVN1220GF	MVC1210AF	MVC1220AF	155 x 50
MVN1110GH	MVN1120GH	MVC1110AH	MVC1120AH	MVN1210GH	MVN1220GH	MVC1210AH	MVC1220AH	215 x 50
MVN1110GL	MVN1120GL	MVC1110AL	MVC1120AL	MVN1210GL	MVN1220GL	MVC1210AL	MVC1220AL	305 x 50
MVN1110GP	MVN1120GP	MVC1110AP	MVC1120AP	MVN1210GP	MVN1220GP	MVC1210AP	MVC1220AP	395 x 50
MVN1110GU	MVN1120GU	MVC1110AU	MVC1120AU	MVN1210GU	MVN1220GU	MVC1210AU	MVC1220AU	515 x 50
MVN1110GX	MVN1120GX	MVC1110AX	MVC1120AX	MVN1210GX	MVN1220GX	MVC1210AX	MVC1220AX	605 x 50
MVN1110LF	MVN1120LF	MVC1110AF	MVC1120AF	MVN1210LF	MVN1220LF	MVC1210AF	MVC1220AF	155 x 80
MVN1110LH	MVN1120LH	MVC1110AH	MVC1120AH	MVN1210LH	MVN1220LH	MVC1210AH	MVC1220AH	215 x 80
MVN1110LL	MVN1120LL	MVC1110AL	MVC1120AL	MVN1210LL	MVN1220LL	MVC1210AL	MVC1220AL	305 x 80
MVN1110LP	MVN1120LP	MVC1110AP	MVC1120AP	MVN1210LP	MVN1220LP	MVC1210AP	MVC1220AP	395 x 80
MVN1110LU	MVN1120LU	MVC1110AU	MVC1120AU	MVN1210LU	MVN1220LU	MVC1210AU	MVC1220AU	515 x 80
MVN1110LX	MVN1120LX	MVC1110AX	MVC1120AX	MVN1210LX	MVN1220LX	MVC1210AX	MVC1220AX	605 x 80
MVN1110ND	MVN1120ND	MVC1110AD	MVC1120AD	MVN1210ND	MVN1220ND	MVC1210AD	MVC1220AD	95 x 95
MVN1110NF	MVN1120NF	MVC1110AF	MVC1120AF	MVN1210NF	MVN1220NF	MVC1210AF	MVC1220AF	155 x 95
MVN1110NH	MVN1120NH	MVC1110AH	MVC1120AH	MVN1210NH	MVN1220NH	MVC1210AH	MVC1220AH	215 x 95
MVN1110NL	MVN1120NL	MVC1110AL	MVC1120AL	MVN1210NL	MVN1220NL	MVC1210AL	MVC1220AL	305 x 95
MVN1110NP	MVN1120NP	MVC1110AP	MVC1120AP	MVN1210NP	MVN1220NP	MVC1210AP	MVC1220AP	395 x 95
MVN1110NU	MVN1120NU	MVC1110AU	MVC1120AU	MVN1210NU	MVN1220NU	MVC1210AU	MVC1220AU	515 x 95
MVN1110NX	MVN1120NX	MVC1110AX	MVC1120AX	MVN1210NX	MVN1220NX	MVC1210AX	MVC1220AX	605 x 95

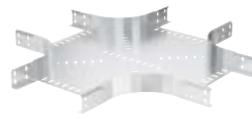
BRN HL Range



**Bolt and nut**

	EZ	GEOMET
6x10	MV 66 100	MV 66 200
6x14	MV 66 101	MV 66 201
6x20	MV 66 403	MV 66 203

# BRN HL Range Heavy Load steel cable trays



**horizontal T**

**Cover**

**horizontal cross**

**Cover**

W x H (mm)	Z275	HDG	Z275	HDG	Z275	HDG	Z275	HDG
65 x 50	MVN1510GC	MVN1520GC	MVC1510AC	MVC1520AC	MVN1310GC	MVN1320GC	MVC1310AC	MVC1320AC
95 x 50	MVN1510GD	MVN1520GD	MVC1510AD	MVC1520AD	MVN1310GD	MVN1320GD	MVC1310AD	MVC1320AD
155 x 50	MVN1510GF	MVN1520GF	MVC1510AF	MVC1520AF	MVN1310GF	MVN1320GF	MVC1310AF	MVC1320AF
215 x 50	MVN1510GH	MVN1520GH	MVC1510AH	MVC1520AH	MVN1310GH	MVN1320GH	MVC1310AH	MVC1320AH
305 x 50	MVN1510GL	MVN1520GL	MVC1510AL	MVC1520AL	MVN1310GL	MVN1320GL	MVC1310AL	MVC1320AL
395 x 50	MVN1510GP	MVN1520GP	MVC1510AP	MVC1520AP	MVN1310GP	MVN1320GP	MVC1310AP	MVC1320AP
515 x 50	MVN1510GU	MVN1520GU	MVC1510AU	MVC1520AU	MVN1310GU	MVN1320GU	MVC1310AU	MVC1320AU
605 x 50	MVN1510GX	MVN1520GX	MVC1510AX	MVC1520AX	MVN1310GX	MVN1320GX	MVC1310AX	MVC1320AX
95 x 80	MVN1510LF	MVN1520LF	MVC1510AD	MVC1520AD	MVN1310LD	MVN1320LD	MVC1310AD	MVC1320AD
155 x 80	MVN1510LH	MVN1520LH	MVC1510AF	MVC1520AF	MVN1310LF	MVN1320LF	MVC1310AF	MVC1320AF
215 x 80	MVN1510LL	MVN1520LL	MVC1510AH	MVC1520AH	MVN1310LH	MVN1320LH	MVC1310AH	MVC1320AH
305 x 80	MVN1510LP	MVN1520LP	MVC1510AL	MVC1520AL	MVN1310LL	MVN1320LL	MVC1310AL	MVC1320AL
395 x 80	MVN1510LU	MVN1520LU	MVC1510AP	MVC1520AP	MVN1310LP	MVN1320LP	MVC1310AP	MVC1320AP
515 x 80	MVN1510LX	MVN1520LX	MVC1510AU	MVC1520AU	MVN1310LU	MVN1320LU	MVC1310AU	MVC1320AU
605 x 80	MVN1510ND	MVN1520ND	MVC1510AX	MVC1520AX	MVN1310LX	MVN1320LX	MVC1310AX	MVC1320AX
95 x 95	MVN1510NF	MVN1520NF	MVC1510AD	MVC1520AD	MVN1310ND	MVN1320ND	MVC1310AD	MVC1320AD
155 x 95	MVN1510NH	MVN1520NH	MVC1510AF	MVC1520AF	MVN1310NF	MVN1320NF	MVC1310AF	MVC1320AF
215 x 95	MVN1510NL	MVN1520NL	MVC1510AH	MVC1520AH	MVN1310NH	MVN1320NH	MVC1310AH	MVC1320AH
305 x 95	MVN1510NP	MVN1520NP	MVC1510AL	MVC1520AL	MVN1310NL	MVN1320NL	MVC1310AL	MVC1320AL
395 x 95	MVN1510NU	MVN1520NU	MVC1510AP	MVC1520AP	MVN1310NP	MVN1320NP	MVC1310AP	MVC1320AP
515 x 95	MVN1510NX	MVN1520NX	MVC1510AU	MVC1520AU	MVN1310NU	MVN1320NU	MVC1310AU	MVC1320AU
605 x 95	MVC1510AX	MVC1520AX	MVC1510AX	MVC1520AX	MVN1310NX	MVN1320NX	MVC1310AX	MVC1320AX

BRN HL Range



**Side exit**

**Cover**

**90° rising curve**

**Cover**

Side exit		Cover		90° rising curve		Cover		W x H (mm)
Z275	HDG	Z275	HDG	Z275	HDG	Z275	HDG	
MVN1410GC	MVN1420GC	MVC1410AC	MVC1420AC	MVN1710GC	MVN1720GC	MVC1710AC	MVC1720AC	65 x 50
MVN1410GD	MVN1420GD	MVC1410AD	MVC1420AD	MVN1710GD	MVN1720GD	MVC1710AD	MVC1720AD	95 x 50
MVN1410GF	MVN1420GF	MVC1410AF	MVC1420AF	MVN1710GF	MVN1720GF	MVC1710AF	MVC1720AF	155 x 50
MVN1410GH	MVN1420GH	MVC1410AH	MVC1420AH	MVN1710GH	MVN1720GH	MVC1710AH	MVC1720AH	215 x 50
MVN1410GL	MVN1420GL	MVC1410AL	MVC1420AL	MVN1710GL	MVN1720GL	MVC1710AL	MVC1720AL	305 x 50
MVN1410GP	MVN1420GP	MVC1410AP	MVC1420AP	MVN1710GP	MVN1720GP	MVC1710AP	MVC1720AP	395 x 50
MVN1410GU	MVN1420GU	MVC1410AU	MVC1420AU	MVN1710GU	MVN1720GU	MVC1710AU	MVC1720AU	515 x 50
MVN1410GX	MVN1420GX	MVC1410AX	MVC1420AX	MVN1710GX	MVN1720GX	MVC1710AX	MVC1720AX	605 x 50
MVN1410LD	MVN1420LD	MVC1410AD	MVC1420AD	MVN1710LD	MVN1720LD	MVC1710AD	MVC1720AD	95 x 80
MVN1410LF	MVN1420LF	MVC1410AF	MVC1420AF	MVN1710LF	MVN1720LF	MVC1710AF	MVC1720AF	155 x 80
MVN1410LH	MVN1420LH	MVC1410AH	MVC1420AH	MVN1710LH	MVN1720LH	MVC1710AH	MVC1720AH	215 x 80
MVN1410LL	MVN1420LL	MVC1410AL	MVC1420AL	MVN1710LL	MVN1720LL	MVC1710AL	MVC1720AL	305 x 80
MVN1410LP	MVN1420LP	MVC1410AP	MVC1420AP	MVN1710LP	MVN1720LP	MVC1710AP	MVC1720AP	395 x 80
MVN1410LU	MVN1420LU	MVC1410AU	MVC1420AU	MVN1710LU	MVN1720LU	MVC1710AU	MVC1720AU	515 x 80
MVN1410LX	MVN1420LX	MVC1410AX	MVC1420AX	MVN1710LX	MVN1720LX	MVC1710AX	MVC1720AX	605 x 80
MVN1410ND	MVN1420ND	MVC1410AD	MVC1420AD	MVN1710ND	MVN1720ND	MVC1710AD	MVC1720AD	95 x 95
MVN1410NF	MVN1420NF	MVC1410AF	MVC1420AF	MVN1710NF	MVN1720NF	MVC1710AF	MVC1720AF	155 x 95
MVN1410NH	MVN1420NH	MVC1410AH	MVC1420AH	MVN1710NH	MVN1720NH	MVC1710AH	MVC1720AH	215 x 95
MVN1410NL	MVN1420NL	MVC1410AL	MVC1420AL	MVN1710NL	MVN1720NL	MVC1710AL	MVC1720AL	305 x 95
MVN1410NP	MVN1420NP	MVC1410AP	MVC1420AP	MVN1710NP	MVN1720NP	MVC1710AP	MVC1720AP	395 x 95
MVN1410NU	MVN1420NU	MVC1410AU	MVC1420AU	MVN1710NU	MVN1720NU	MVC1710AU	MVC1720AU	515 x 95
MVN1410NX	MVN1420NX	MVC1410AX	MVC1420AX	MVN1710NX	MVN1720NX	MVC1710AX	MVC1720AX	605 x 95

BRN HL Range

# BRN HL Range Heavy Load steel cable trays



90° descending curve

Cover

W x H (mm)	Z275	HDC	Z275	HDC
65 x 50	MVN1910GC	MVN1920GC	MVC1910GC	MVC1920GC
95 x 50	MVN1910GD	MVN1920GD	MVC1910GD	MVC1920GD
155 x 50	MVN1910GF	MVN1920GF	MVC1910GF	MVC1920GF
215 x 50	MVN1910GH	MVN1920GH	MVC1910GH	MVC1920GH
305 x 50	MVN1910GL	MVN1920GL	MVC1910GL	MVC1920GL
395 x 50	MVN1910GP	MVN1920GP	MVC1910GP	MVC1920GP
515 x 50	MVN1910GU	MVN1920GU	MVC1910GU	MVC1920GU
605 x 50	MVN1910GX	MVN1920GX	MVC1910GX	MVC1920GX
95 x 80	MVN1910LD	MVN1920LD	MVC1910LD	MVC1920LD
155 x 80	MVN1910LF	MVN1920LF	MVC1910LF	MVC1920LF
215 x 80	MVN1910LH	MVN1920LH	MVC1910LH	MVC1920LH
305 x 80	MVN1910LL	MVN1920LL	MVC1910LL	MVC1920LL
395 x 80	MVN1910LP	MVN1920LP	MVC1910LP	MVC1920LP
515 x 80	MVN1910LU	MVN1920LU	MVC1910LU	MVC1920LU
605 x 80	MVN1910LX	MVN1920LX	MVC1910LX	MVC1920LX
95 x 95	MVN1910ND	MVN1920ND	MVC1910ND	MVC1920ND
155 x 95	MVN1910NF	MVN1920NF	MVC1910NF	MVC1920NF
215 x 95	MVN1910NH	MVN1920NH	MVC1910NH	MVC1920NH
305 x 95	MVN1910NL	MVN1920NL	MVC1910NL	MVC1920NL
395 x 95	MVN1910NP	MVN1920NP	MVC1910NP	MVC1920NP
515 x 95	MVN1910NU	MVN1920NU	MVC1910NU	MVC1920NU
605 x 95	MVN1910NX	MVN1920NX	MVC1910NX	MVC1920NX

# Detailed code tables

## CABLE TRAYS AND ACCESSORIES

### BRN50 HL



#### HL CABLE TRAY - 3 METERS - HEIGHT 50

Code	Internal width (mm)	Packing details
<b>FINISHING: Z275</b>		
MV HO 013 GC	65	3/12
MV HO 013 GD	95	3/6
MV HO 013 GF	155	3/6
MV HO 013 GH	215	3/6
MV HO 013 GL	305	3/6
MV HO 013 GP	395	3/6
MV HO 013 GU	515	3/6
MV HO 013 GX	605	3/6
<b>FINISHING: HDG</b>		
MV HO 023 GC	65	3/12
MV HO 023 GD	95	3/6
MV HO 023 GF	155	3/6
MV HO 023 GH	215	3/6
MV HO 023 GL	305	3/6
MV HO 023 GP	395	3/6
MV HO 023 GU	515	3/6
MV HO 023 GX	605	3/6

### BRN80 HL



#### HL CABLE TRAY - 3 METERS - HEIGHT 80

Code	Internal width (mm)	Packing details
<b>FINISHING: Z275</b>		
MV HO 013 LD	95	3/6
MV HO 013 LF	155	3/6
MV HO 013 LH	215	3/6
MV HO 013 LL	305	3/6
MV HO 013 LP	395	3/6
MV HO 013 LU	515	3/6
MV HO 013 LX	605	3/6
<b>FINISHING: HDG</b>		
MV HO 023 LD	95	3/6
MV HO 023 LF	155	3/6
MV HO 023 LH	215	3/6
MV HO 023 LL	305	3/6
MV HO 023 LP	395	3/6
MV HO 023 LU	515	3/6
MV HO 023 LX	605	3/6

### BRN95 HL



#### HL CABLE TRAY - 3 METERS - HEIGHT 95

Code	Internal width (mm)	Packing details
<b>FINISHING: Z275</b>		
MV HO 013 ND	95	3/6
MV HO 013 NF	155	3/6
MV HO 013 NH	215	3/6
MV HO 013 NL	305	3/6
MV HO 013 NP	395	3/6
MV HO 013 NU	515	3/6
MV HO 013 NX	605	3/6
<b>FINISHING: HDG</b>		
MV HO 023 ND	95	3/6
MV HO 023 NF	155	3/6
MV HO 023 NH	215	3/6
MV HO 023 NL	305	3/6
MV HO 023 NP	395	3/6
MV HO 023 NU	515	3/6
MV HO 023 NX	605	3/6

# BRN HL Range Heavy Load steel cable trays

## COUPLER



### BRN HL BOLT COUPLER

Code	Suitable for	Packing details
<b>FINISHING: Z275</b>		
MV CO 710 GA	BRN 50	200
MV CO 710 LA	BRN 80	140
MV CO 710 NA	BRN 95	120
<b>FINISHING: HDG</b>		
MV CO 720 GA	BRN 50	200
MV CO 720 LA	BRN 80	140
MV CO 720 NA	BRN 95	120



### BRN HL FOLDING COUPLER

Code	Suitable for	Packing details
<b>FINISHING: Z275</b>		
MV CO 810 GA	BRN 50	200
MV CO 810 LA	BRN 80	140
MV CO 810 NA	BRN 95	120
<b>FINISHING: HDG</b>		
MV CO 820 GA	BRN 50	200
MV CO 820 LA	BRN 80	140
MV CO 820 NA	BRN 95	120



### BRN HL VARIABLE ANGLE COUPLER

Code	Suitable for	Packing details
<b>FINISHING: Z275</b>		
MV CO 510 EA	BRN 50	200
MV CO 510 JA	BRN 80	150
MV CO 510 NA	BRN 95	100
<b>FINISHING: HDG</b>		
MV CO 520 EA	BRN 50	200
MV CO 520 JA	BRN 80	150
MV CO 520 NA	BRN 95	100

BRN HL Range

## EARTHING



MV 41 940

### EARTHING TERMINAL

Code	Product in stock	Type	Ø (mm)	Height (mm)	Nominal section in mm <sup>2</sup>	Kg/u	Packing details
MV 41 940	•	Terminal kit + 2 washers	17	20	from 4 to 6	0.48	10/250
MV 41 941	•	Terminal kit + 2 washers	21	26	from 6 to 10	0.7	10
MV 41 942		Terminal kit + 2 washers	24	30	from 6 to 12	0.94	10/200
MV 41 943		Terminal only	17	20	from 4 to 6	0.382	10/250
MV 41 944		Terminal only	21	26	from 6 to 10	0.606	10/200
MV 41 945		Terminal only	24	30	from 6 to 12	0.845	10/200
MV 41 947		Bi-metal washer				0.005	100

**NOTE:** In order to prevent any risk of corrosion due to the electrochemical coupling between the earthing terminals and the coating of the cable trays, it is imperative to use two bi-metal washers per terminal, placing the grey side of the washers on the cable tray side.

### BOLT AND NUT

Code	Product in stock	Description	Dimension	Accessories supplied	Kg/u	Packing details
<b>FINISHING: EZ</b>						
MV 66 100	•	Bolt + nut	M6x10	Flanged nut	0.748	100
<b>FINISHING: GEOMET</b>						
MV 66 200	•	Bolt + nut	M6x10	Flanged nut	0.82	100



**BRN HL COVER**



**SNAP-ON COVER - 3 METERS**

Code	Product in stock	Width (mm)	Kg/m	Packing details
<b>FINISHING: Z275</b>				
MV HO 013 AC	-	65	0,613	30
MV HO 013 AD	-	95	0,698	30
MV HO 013 AF	-	155	0,997	24
MV HO 013 AH	-	215	1,296	18
MV HO 013 AL	-	305	1,745	12
MV HO 013 AP	-	395	2,193	12
MV HO 013 AU	-	515	2,792	12
MV HO 013 AX	-	605	3,24	12
<b>FINISHING: HDG</b>				
MV HO 023 AC	-	65	0,756	30
MV HO 023 AD	-	95	0,861	30
MV HO 023 AF	-	155	1,229	24
MV HO 023 AH	-	215	1,598	18
MV HO 023 AL	-	305	2,151	12
MV HO 023 AP	-	395	2,704	12
MV HO 023 AU	-	515	3,442	12
MV HO 023 AX	-	605	3,995	12

BRN HL Range

**COVER ACCESSORY**



**BRN HL COVER CLIP**

Code	Product in stock	Suitable for	Packing details
<b>FINISHING: INOX 304L</b>			
MV 41 602	•	BRN 50 - 80	10
MV 41 603	•	BRN 95	10

**DIVIDER**



**DIVIDER**

Code	Product in stock	Suitable for	Packing details
<b>FINISHING: Z275</b>			
MV 65 111 X	•	BRN 50	30
MV 65 113 X		BRN 80 - 95	30
<b>FINISHING: HDG</b>			
MV 65 211 X	•	BRN 50	30
MV 65 213 X		BRN 80 - 95	30

# BRN HL Range Heavy Load steel cable trays

## TECHNICAL DATA



Product standard: IEC 61537

CE marking

Material: STEEL (metallic)

Flame propagation: NON-PROPAGATING

Electrical continuity: YES (with all range coupler)

Electrical conductivity: YES

Finishings: METAL COATINGS & STAINLESS STEEL

Option: EPOXY paint color

Operating temperature: from -15°C to +40°C

Protection rating: IP20 (with cover)

Perforation: class B (greater than 2% and up to 15%)

Impact resistance: 20J

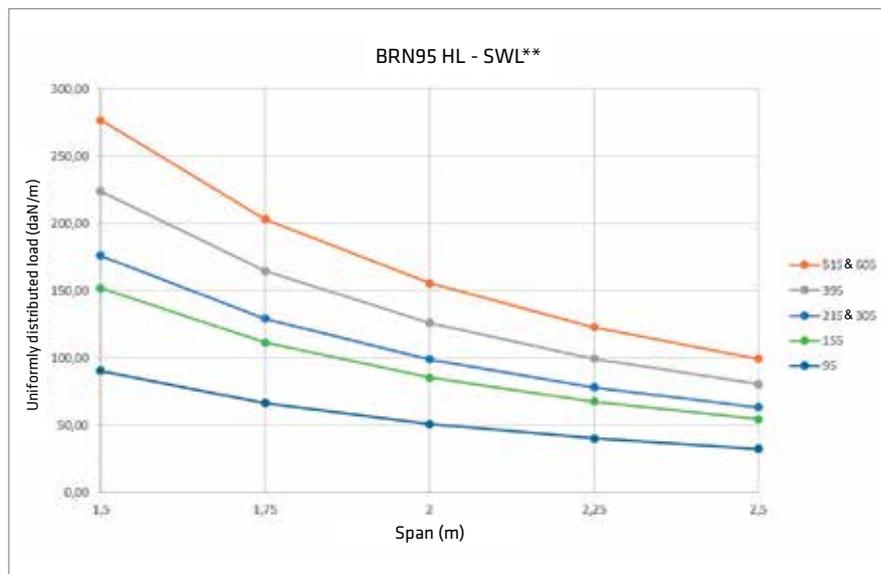
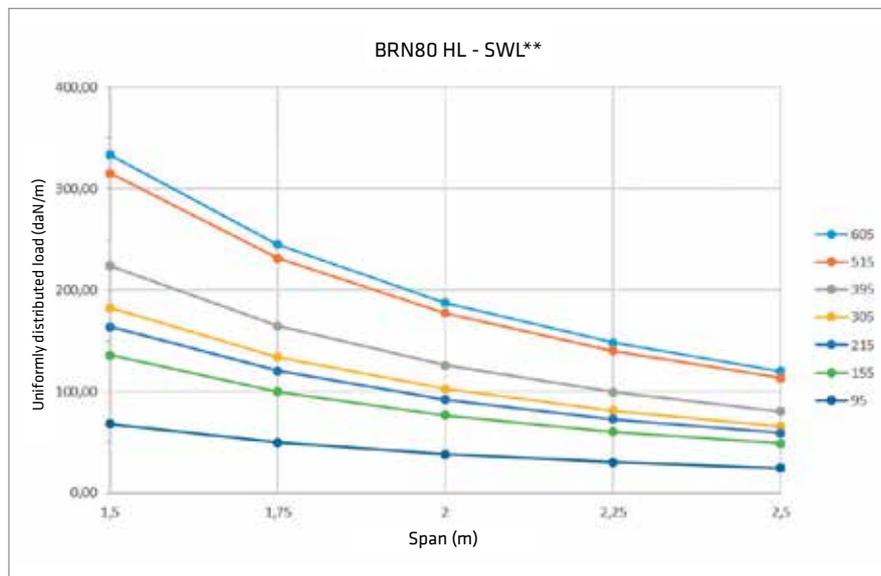
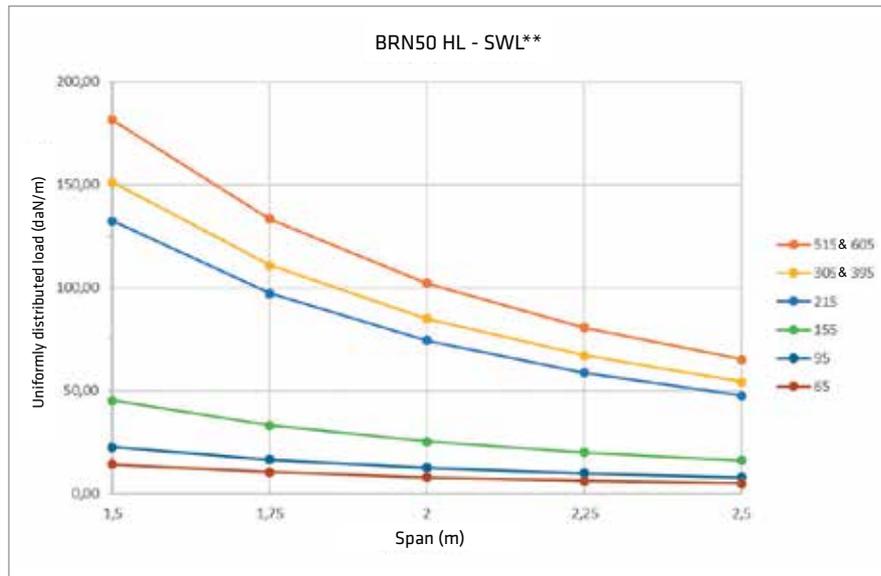
	BRN50 HL	BRN80 HL	BRN95 HL
<b>Working height (mm)</b>	<b>49.8</b>	<b>79.8</b>	<b>94.8</b>
<b>Working width (mm)</b>	<b>Working section (mm<sup>2</sup>)</b>		
63.8	3,177.2		
93.8	4,671.2	7,485.2	8,892.2
153.8	7,659.2	12,273.2	14,580.2
213.8	10,647.2	17,061.2	20,268.2
303.8	15,129.2	24,243.2	28,800.2
393.8	19,611.2	31,425.2	37,332.2
513.8	25,587.2	41,001.2	48,708.2
603.8	30,069.2	48,183.2	57,240.2

Steel thickness: 1.5 mm

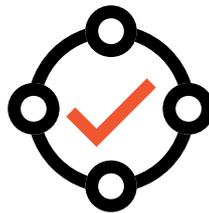
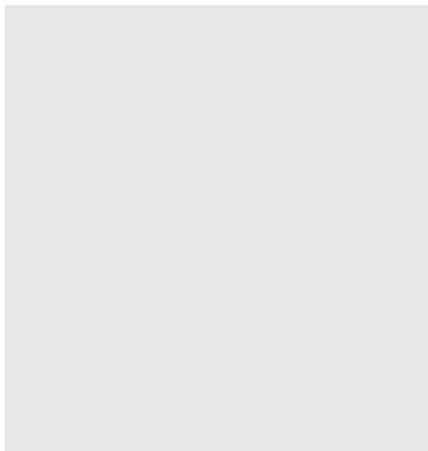
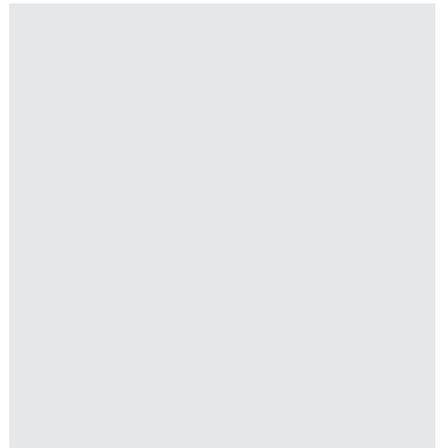
## CAPACITY\* (kg/m)

Width (mm)	Signal cables d=0.15 kg/cm <sup>2</sup> /m			Power cables d=0.25 kg/cm <sup>2</sup> /m		
	BRN50 HL	BRN80 HL	BRN95 HL	BRN50 HL	BRN80 HL	BRN95 HL
65	4.8			7.9		
95	7.0	11.2	13.3	11.7	18.7	22.2
155	11.5	18.4	21.9	19.1	30.7	36.5
215	16.0	25.6	30.4	26.6	42.7	50.7
305	22.7	36.4	43.2	37.8	60.6	72.0
395	29.4	47.1	56.0	49.0	78.6	93.3
515	38.4	61.5	73.1	64.0	102.5	121.8
605	45.1	72.3	85.9	75.2	120.5	143.1

\*capacity for 100% cable tray filling

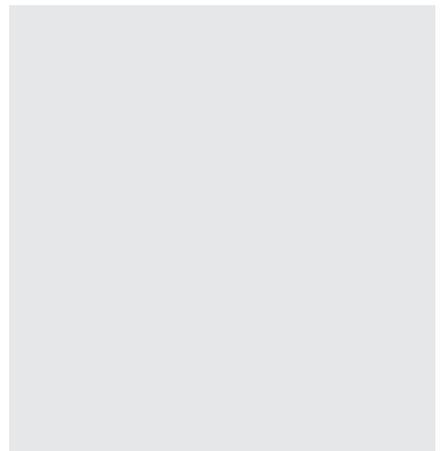


\*\*SWL = Safety Working Load

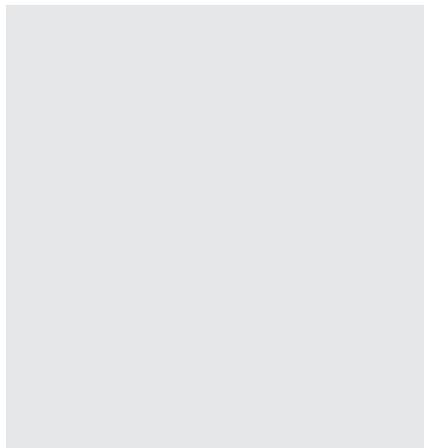


**FULL  
RANGE**

with accessories and derivations

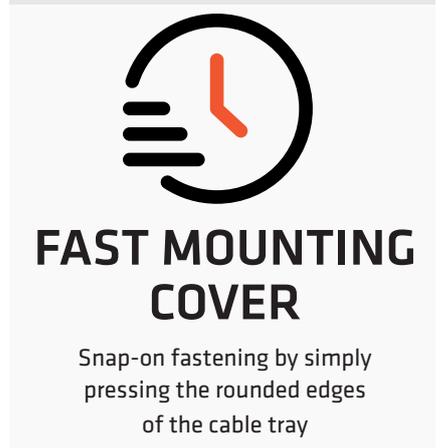
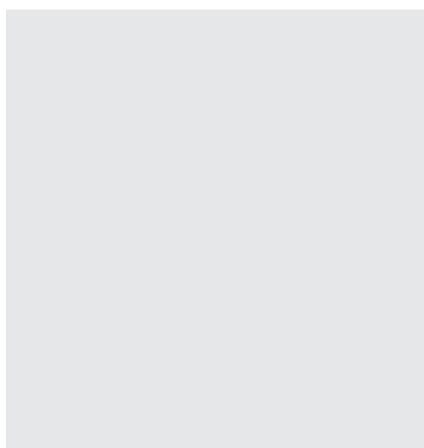
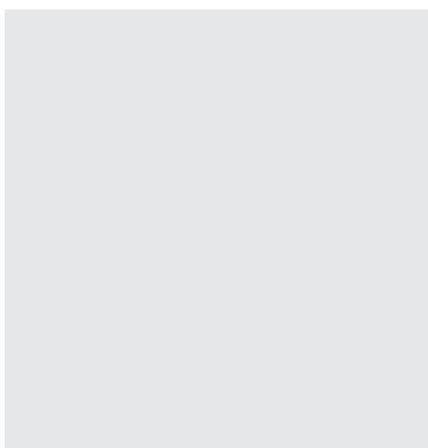


**PRODUCT  
ON REQUEST**



**FAST MOUNTING  
COVER**

Snap-on fastening by simply  
pressing the rounded edges  
of the cable tray



Range **BRN**  
**PP**

Perforated stainless steel  
cable trays



# BRN NP Range Non-perforated steel cable trays

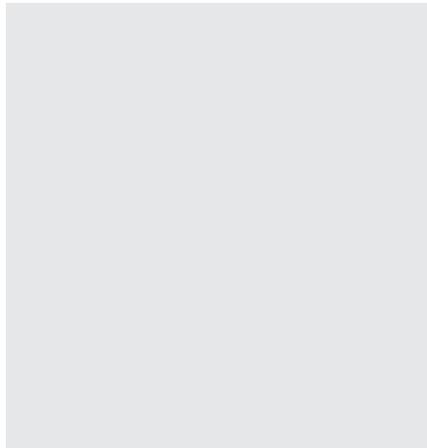
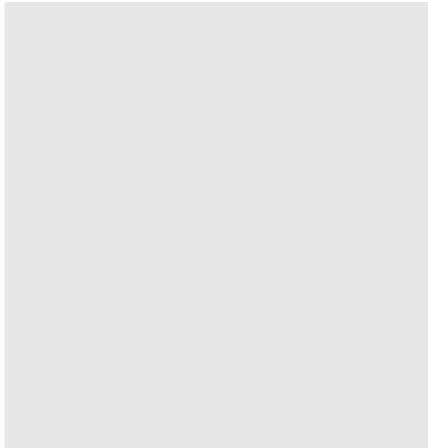
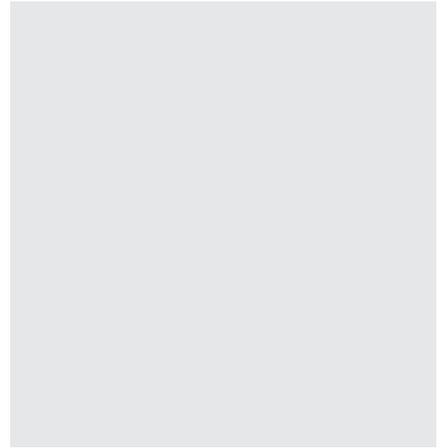


## ROUNDED EDGE



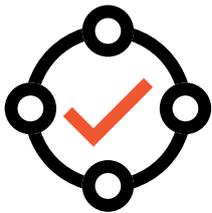
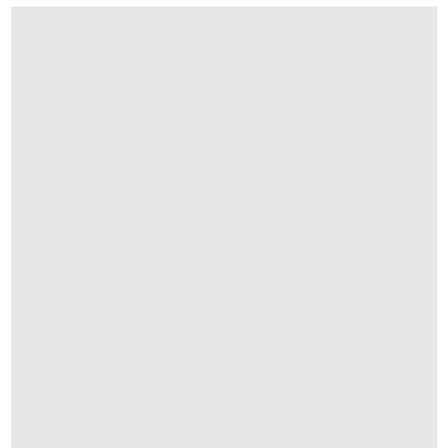
## SAFETY

No risk of damage  
for the operator or cable



## ELECTRO- MECHANICAL PROTECTION

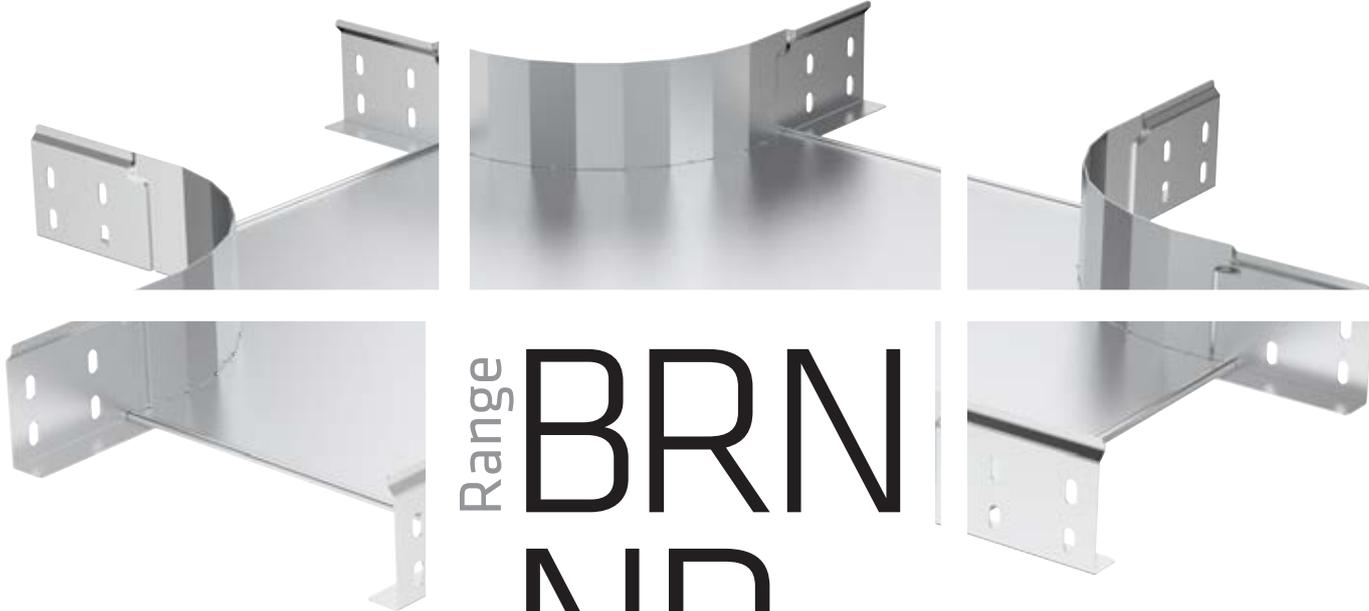
Better electromechanical  
protection against dust and  
liquids, especially when used  
with their covers.



## FULL RANGE

with accessories and derivations

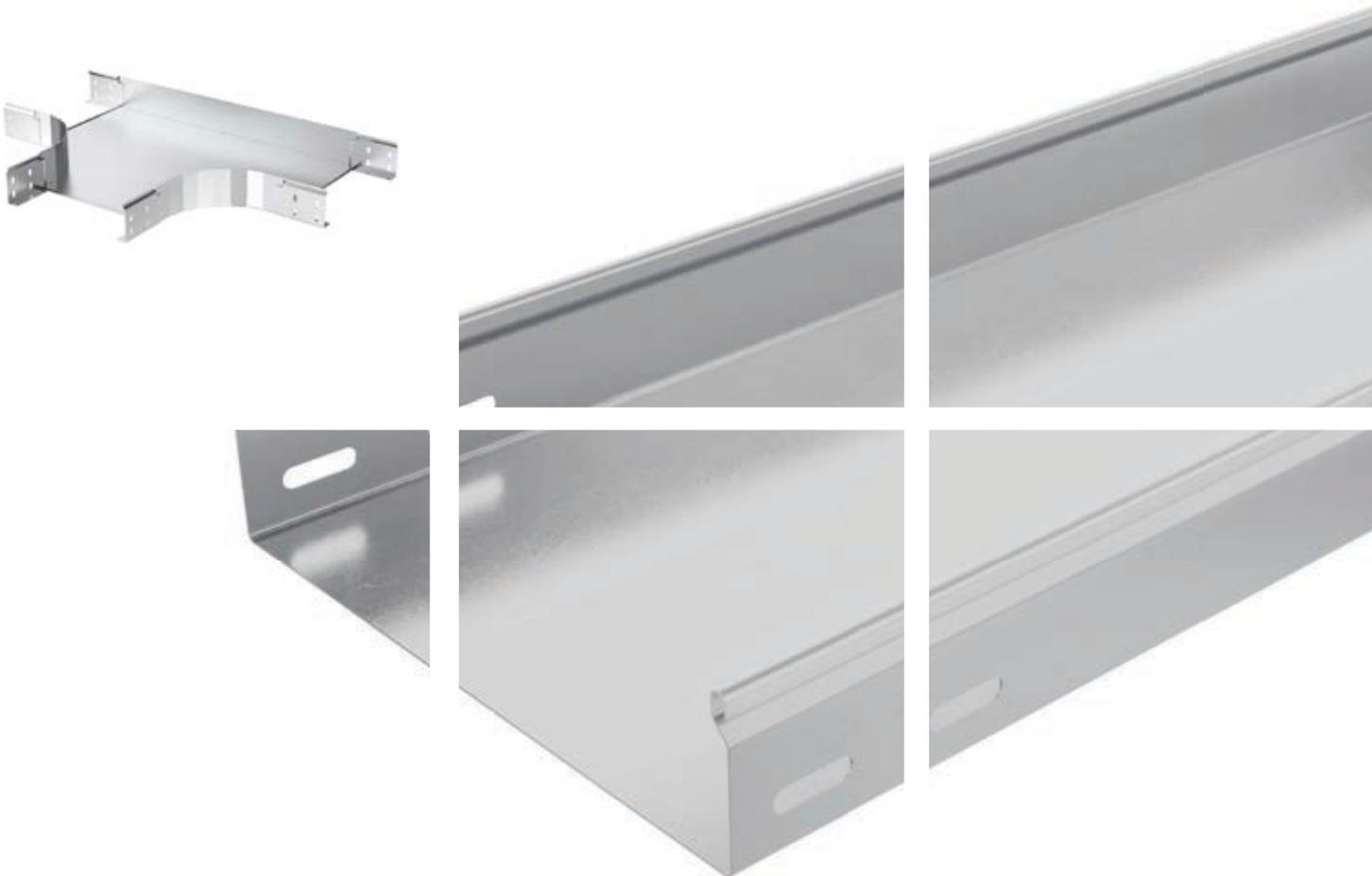




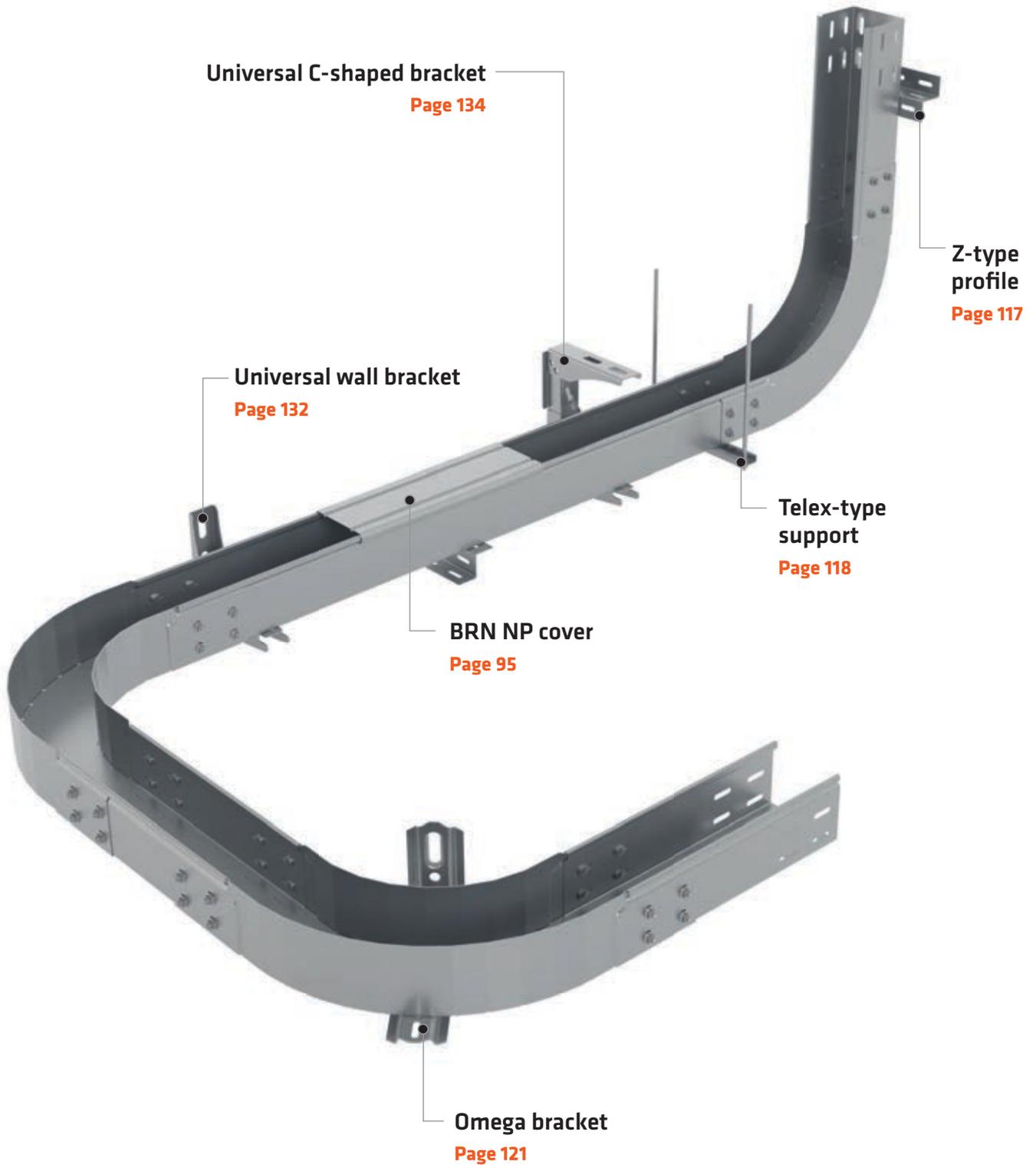
Range **BRN**  
**NP**

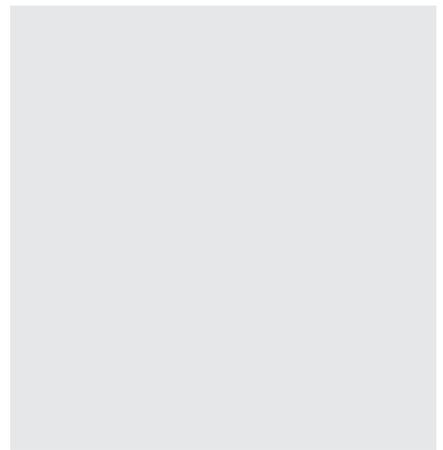
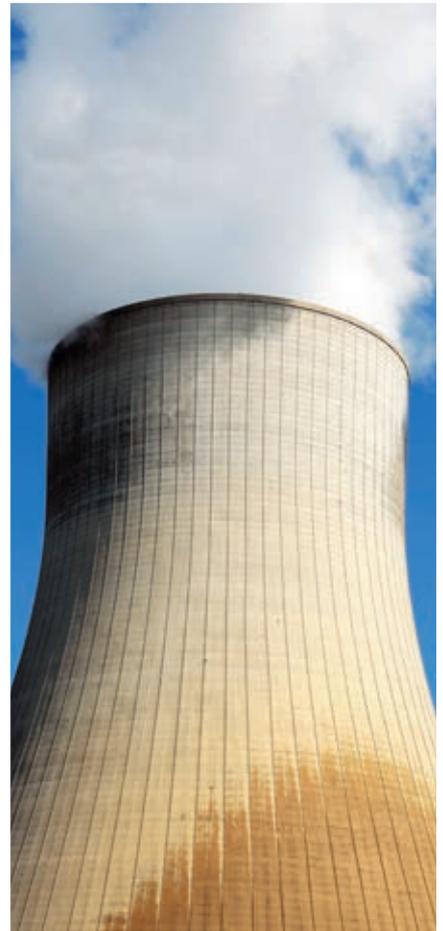
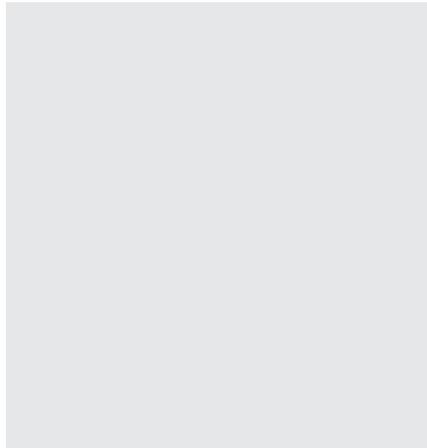
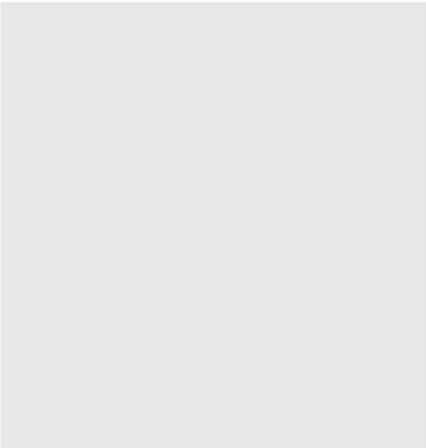
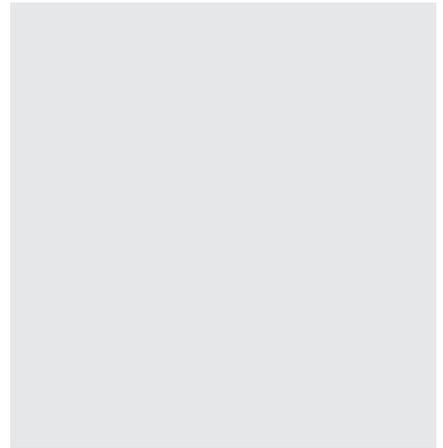
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Non-perforated steel cable trays



## BRN NP layout scheme





BRN NP Range

# BRN NP Range Non-perforated steel cable trays

## BRN NP & accessories choosing guide



Cable tray



Cover



90° horizontal curve



Cover

W x H (mm)	Z275	HDG	Z275	HDG	Z275	HDG	Z275	HDG
65 x 50	MVG0013GC	MVG0023GC	MVC0013AC	MVC0023AC	MVG110GC	MVG1120GC	MVC110AC	MVC1120AC
95 x 50	MVG0013GD	MVG0023GD	MVC0013AD	MVC0023AD	MVG110GD	MVG1120GD	MVC110AD	MVC1120AD
155 x 50	MVG0013GF	MVG0023GF	MVC0013AF	MVC0023AF	MVG110GF	MVG1120GF	MVC110AF	MVC1120AF
215 x 50	MVG0013GH	MVG0023GH	MVC0013AH	MVC0023AH	MVG110GH	MVG1120GH	MVC110AH	MVC1120AH
305 x 50	MVG0013GL	MVG0023GL	MVC0013AL	MVC0023AL	MVG110GL	MVG1120GL	MVC110AL	MVC1120AL
395 x 50	MVG0013GP	MVG0023GP	MVC0013AP	MVC0023AP	MVG110GP	MVG1120GP	MVC110AP	MVC1120AP
515 x 50	MVG0013GU	MVG0023GU	MVC0013AU	MVC0023AU	MVG110GU	MVG1120GU	MVC110AU	MVC1120AU
605 x 50	MVG0013GX	MVG0023GX	MVC0013AX	MVC0023AX	MVG110GX	MVG1120GX	MVC110AX	MVC1120AX
95 x 80	MVG0013LD	MVG0023LD	MVC0013AD	MVC0023AD	MVG110LD	MVG1120LD	MVC110AD	MVC1120AD
155 x 80	MVG0013LF	MVG0023LF	MVC0013AF	MVC0023AF	MVG110LF	MVG1120LF	MVC110AF	MVC1120AF
215 x 80	MVG0013LH	MVG0023LH	MVC0013AH	MVC0023AH	MVG110LH	MVG1120LH	MVC110AH	MVC1120AH
305 x 80	MVG0013LL	MVG0023LL	MVC0013AL	MVC0023AL	MVG110LL	MVG1120LL	MVC110AL	MVC1120AL
395 x 80	MVG0013LP	MVG0023LP	MVC0013AP	MVC0023AP	MVG110LP	MVG1120LP	MVC110AP	MVC1120AP
515 x 80	MVG0013LU	MVG0023LU	MVC0013AU	MVC0023AU	MVG110LU	MVG1120LU	MVC110AU	MVC1120AU
605 x 80	MVG0013LX	MVG0023LX	MVC0013AX	MVC0023AX	MVG110LX	MVG1120LX	MVC110AX	MVC1120AX
95 x 95	MVG0013ND	MVG0023ND	MVC0013AD	MVC0023AD	MVG110ND	MVG1120ND	MVC110AD	MVC1120AD
155 x 95	MVG0013NF	MVG0023NF	MVC0013AF	MVC0023AF	MVG110NF	MVG1120NF	MVC110AF	MVC1120AF
215 x 95	MVG0013NH	MVG0023NH	MVC0013AH	MVC0023AH	MVG110NH	MVG1120NH	MVC110AH	MVC1120AH
305 x 95	MVG0013NL	MVG0023NL	MVC0013AL	MVC0023AL	MVG110NL	MVG1120NL	MVC110AL	MVC1120AL
395 x 95	MVG0013NP	MVG0023NP	MVC0013AP	MVC0023AP	MVG110NP	MVG1120NP	MVC110AP	MVC1120AP
515 x 95	MVG0013NU	MVG0023NU	MVC0013AU	MVC0023AU	MVG110NU	MVG1120NU	MVC110AU	MVC1120AU
605 x 95	MVG0013NX	MVG0023NX	MVC0013AX	MVC0023AX	MVG110NX	MVG1120NX	MVC110AX	MVC1120AX



Divider



Bolt couplers



Folding couplers



Variable angle couplers

	Z275	HDG	Z275	HDG	Z275	HDG	Z275	HDG
BRN50	MV6511X	MV6521X	MVC0710GA	MVC0720GA	MVC0810GA	MVC0820GA	MVC0510EA	MVC0520EA
BRN80	MV6513X	MV6523X	MVC0710LA	MVC0720LA	MVC0810LA	MVC0820LA	MV41140	MV41240
BRN95	MV6513X	MV6523X	MVC0710NA	MVC0720NA	MVC0810NA	MVC0820NA	MV41140	MV41240

BRN NP Range



**45° horizontal curve**



**Cover**



**horizontal T**



**Cover**

Z275	HDG	Z275	HDG	Z275	HDG	Z275	HDG	W x H (mm)
MVG1210GC	MVG1220GC	MVC1210AC	MVC1220AC	MVG1510GC	MVG1520GC	MVC1510AC	MVC1520AC	65 x 50
MVG1210GD	MVG1220GD	MVC1210AD	MVC1220AD	MVG1510GD	MVG1520GD	MVC1510AD	MVC1520AD	95 x 50
MVG1210GF	MVG1220GF	MVC1210AF	MVC1220AF	MVG1510GF	MVG1520GF	MVC1510AF	MVC1520AF	155 x 50
MVG1210GH	MVG1220GH	MVC1210AH	MVC1220AH	MVG1510GH	MVG1520GH	MVC1510AH	MVC1520AH	215 x 50
MVG1210GL	MVG1220GL	MVC1210AL	MVC1220AL	MVG1510GL	MVG1520GL	MVC1510AL	MVC1520AL	305 x 50
MVG1210GP	MVG1220GP	MVC1210AP	MVC1220AP	MVG1510GP	MVG1520GP	MVC1510AP	MVC1520AP	395 x 50
MVG1210GU	MVG1220GU	MVC1210AU	MVC1220AU	MVG1510GU	MVG1520GU	MVC1510AU	MVC1520AU	515 x 50
MVG1210GX	MVG1220GX	MVC1210AX	MVC1220AX	MVG1510GX	MVG1520GX	MVC1510AX	MVC1520AX	605 x 50
MVG1210LD	MVG1220LD	MVC1210AD	MVC1220AD	MVG1510LD	MVG1520LD	MVC1510AD	MVC1520AD	95 x 80
MVG1210LF	MVG1220LF	MVC1210AF	MVC1220AF	MVG1510LF	MVG1520LF	MVC1510AF	MVC1520AF	155 x 80
MVG1210LH	MVG1220LH	MVC1210AH	MVC1220AH	MVG1510LH	MVG1520LH	MVC1510AH	MVC1520AH	215 x 80
MVG1210LL	MVG1220LL	MVC1210AL	MVC1220AL	MVG1510LL	MVG1520LL	MVC1510AL	MVC1520AL	305 x 80
MVG1210LP	MVG1220LP	MVC1210AP	MVC1220AP	MVG1510LP	MVG1520LP	MVC1510AP	MVC1520AP	395 x 80
MVG1210LU	MVG1220LU	MVC1210AU	MVC1220AU	MVG1510LU	MVG1520LU	MVC1510AU	MVC1520AU	515 x 80
MVG1210LX	MVG1220LX	MVC1210AX	MVC1220AX	MVG1510LX	MVG1520LX	MVC1510AX	MVC1520AX	605 x 80
MVG1210ND	MVG1220ND	MVC1210AD	MVC1220AD	MVG1510ND	MVG1520ND	MVC1510AD	MVC1520AD	95 x 95
MVG1210NF	MVG1220NF	MVC1210AF	MVC1220AF	MVG1510NF	MVG1520NF	MVC1510AF	MVC1520AF	155 x 95
MVG1210NH	MVG1220NH	MVC1210AH	MVC1220AH	MVG1510NH	MVG1520NH	MVC1510AH	MVC1520AH	215 x 95
MVG1210NL	MVG1220NL	MVC1210AL	MVC1220AL	MVG1510NL	MVG1520NL	MVC1510AL	MVC1520AL	305 x 95
MVG1210NP	MVG1220NP	MVC1210AP	MVC1220AP	MVG1510NP	MVG1520NP	MVC1510AP	MVC1520AP	395 x 95
MVG1210NU	MVG1220NU	MVC1210AU	MVC1220AU	MVG1510NU	MVG1520NU	MVC1510AU	MVC1520AU	515 x 95
MVG1210NX	MVG1220NX	MVC1210AX	MVC1220AX	MVG1510NX	MVG1520NX	MVC1510AX	MVC1520AX	605 x 95

BRN NP Range



**Bolt and nut**

	EZ	GEOMET
6x10	MV 66 100	MV 66 200
6x14	MV 66 101	MV 66 201
6x20	MV 66 403	MV 66 203

# BRN NP Range Non-perforated steel cable trays



horizontal cross

Cover

Side exit

Cover

W x H (mm)	Z275	HDG	Z275	HDG	Z275	HDG	Z275	HDG
65 x 50	MVG1310GC	MVG1320GC	MVC1310AC	MVC1320AC	MVG1410GC	MVG1420GC	MVC1410AC	MVC1420AC
95 x 50	MVG1310GD	MVG1320GD	MVC1310AD	MVC1320AD	MVG1410GD	MVG1420GD	MVC1410AD	MVC1420AD
155 x 50	MVG1310GF	MVG1320GF	MVC1310AF	MVC1320AF	MVG1410GF	MVG1420GF	MVC1410AF	MVC1420AF
215 x 50	MVG1310GH	MVG1320GH	MVC1310AH	MVC1320AH	MVG1410GH	MVG1420GH	MVC1410AH	MVC1420AH
305 x 50	MVG1310GL	MVG1320GL	MVC1310AL	MVC1320AL	MVG1410GL	MVG1420GL	MVC1410AL	MVC1420AL
395 x 50	MVG1310GP	MVG1320GP	MVC1310AP	MVC1320AP	MVG1410GP	MVG1420GP	MVC1410AP	MVC1420AP
515 x 50	MVG1310GU	MVG1320GU	MVC1310AU	MVC1320AU	MVG1410GU	MVG1420GU	MVC1410AU	MVC1420AU
605 x 50	MVG1310GX	MVG1320GX	MVC1310AX	MVC1320AX	MVG1410GX	MVG1420GX	MVC1410AX	MVC1420AX
95 x 80	MVG1310LD	MVG1320LD	MVC1310AD	MVC1320AD	MVG1410LD	MVG1420LD	MVC1410AD	MVC1420AD
155 x 80	MVG1310LF	MVG1320LF	MVC1310AF	MVC1320AF	MVG1410LF	MVG1420LF	MVC1410AF	MVC1420AF
215 x 80	MVG1310LH	MVG1320LH	MVC1310AH	MVC1320AH	MVG1410LH	MVG1420LH	MVC1410AH	MVC1420AH
305 x 80	MVG1310LL	MVG1320LL	MVC1310AL	MVC1320AL	MVG1410LL	MVG1420LL	MVC1410AL	MVC1420AL
395 x 80	MVG1310LP	MVG1320LP	MVC1310AP	MVC1320AP	MVG1410LP	MVG1420LP	MVC1410AP	MVC1420AP
515 x 80	MVG1310LU	MVG1320LU	MVC1310AU	MVC1320AU	MVG1410LU	MVG1420LU	MVC1410AU	MVC1420AU
605 x 80	MVG1310LX	MVG1320LX	MVC1310AX	MVC1320AX	MVG1410LX	MVG1420LX	MVC1410AX	MVC1420AX
95 x 95	MVG1310ND	MVG1320ND	MVC1310AD	MVC1320AD	MVG1410ND	MVG1420ND	MVC1410AD	MVC1420AD
155 x 95	MVG1310NF	MVG1320NF	MVC1310AF	MVC1320AF	MVG1410NF	MVG1420NF	MVC1410AF	MVC1420AF
215 x 95	MVG1310NH	MVG1320NH	MVC1310AH	MVC1320AH	MVG1410NH	MVG1420NH	MVC1410AH	MVC1420AH
305 x 95	MVG1310NL	MVG1320NL	MVC1310AL	MVC1320AL	MVG1410NL	MVG1420NL	MVC1410AL	MVC1420AL
395 x 95	MVG1310NP	MVG1320NP	MVC1310AP	MVC1320AP	MVG1410NP	MVG1420NP	MVC1410AP	MVC1420AP
515 x 95	MVG1310NU	MVG1320NU	MVC1310AU	MVC1320AU	MVG1410NU	MVG1420NU	MVC1410AU	MVC1420AU
605 x 95	MVG1310NX	MVG1320NX	MVC1310AX	MVC1320AX	MVG1410NX	MVG1420NX	MVC1410AX	MVC1420AX



**45° rising curve**

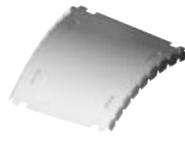
**Cover**

**90° rising curve**

**Cover**

Z275	HDG	Z275	HDG	Z275	HDG	Z275	HDG	W x H (mm)
MVG1610GC	MVG1620GC	MVC1610AC	MVC1620AC	MVG1710GC	MVG1720GC	MVC1710AC	MVC1720AC	65 x 50
MVG1610GD	MVG1620GD	MVC1610AD	MVC1620AD	MVG1710GD	MVG1720GD	MVC1710AD	MVC1720AD	95 x 50
MVG1610GF	MVG1620GF	MVC1610AF	MVC1620AF	MVG1710GF	MVG1720GF	MVC1710AF	MVC1720AF	155 x 50
MVG1610GH	MVG1620GH	MVC1610AH	MVC1620AH	MVG1710GH	MVG1720GH	MVC1710AH	MVC1720AH	215 x 50
MVG1610GL	MVG1620GL	MVC1610AL	MVC1620AL	MVG1710GL	MVG1720GL	MVC1710AL	MVC1720AL	305 x 50
MVG1610GP	MVG1620GP	MVC1610AP	MVC1620AP	MVG1710GP	MVG1720GP	MVC1710AP	MVC1720AP	395 x 50
MVG1610GU	MVG1620GU	MVC1610AU	MVC1620AU	MVG1710GU	MVG1720GU	MVC1710AU	MVC1720AU	515 x 50
MVG1610GX	MVG1620GX	MVC1610AX	MVC1620AX	MVG1710GX	MVG1720GX	MVC1710AX	MVC1720AX	605 x 50
MVG1610LD	MVG1620LD	MVC1610AD	MVC1620AD	MVG1710LD	MVG172LD	MVC1710AD	MVC1720AD	95 x 80
MVG1610LF	MVG1620LF	MVC1610AF	MVC1620AF	MVG1710LF	MVG1720LF	MVC1710AF	MVC1720AF	155 x 80
MVG1610LH	MVG1620LH	MVC1610AH	MVC1620AH	MVG1710LH	MVG1720LH	MVC1710AH	MVC1720AH	215 x 80
MVG1610LL	MVG1620LL	MVC1610AL	MVC1620AL	MVG1710LL	MVG1720LL	MVC1710AL	MVC1720AL	305 x 80
MVG1610LP	MVG1620LP	MVC1610AP	MVC1620AP	MVG1710LP	MVG1720LP	MVC1710AP	MVC1720AP	395 x 80
MVG1610LU	MVG1620LU	MVC1610AU	MVC1620AU	MVG1710LU	MVG1720LU	MVC1710AU	MVC1720AU	515 x 80
MVG1610LX	MVG1620LX	MVC1610AX	MVC1620AX	MVG1710LX	MVG1720LX	MVC1710AX	MVC1720AX	605 x 80
MVG1610ND	MVG1620ND	MVC1610AD	MVC1620AD	MVG1710ND	MVG1720ND	MVC1710AD	MVC1720AD	95 x 95
MVG1610NF	MVG1620NF	MVC1610AF	MVC1620AF	MVG1710NF	MVG1720NF	MVC1710AF	MVC1720AF	155 x 95
MVG1610NH	MVG1620NH	MVC1610AH	MVC1620AH	MVG1710NH	MVG1720NH	MVC1710AH	MVC1720AH	215 x 95
MVG1610NL	MVG1620NL	MVC1610AL	MVC1620AL	MVG1710NL	MVG1720NL	MVC1710AL	MVC1720AL	305 x 95
MVG1610NP	MVG1620NP	MVC1610AP	MVC1620AP	MVG1710NP	MVG1720NP	MVC1710AP	MVC1720AP	395 x 95
MVG1610NU	MVG1620NU	MVC1610AU	MVC1620AU	MVG1710NU	MVG1720NU	MVC1710AU	MVC1720AU	515 x 95
MVG1610NX	MVG1620NX	MVC1610AX	MVC1620AX	MVG1710NX	MVG1720NX	MVC1710AX	MVC1720AX	605 x 95

# BRN NP Range Non-perforated steel cable trays



**45° descending curve**

**Cover**

**90° descending curve**

**Cover**

W x H (mm)	45° descending curve		Cover		90° descending curve		Cover	
	Z275	HDG	Z275	HDG	Z275	HDG	Z275	HDG
65 x 50	MVG1810GC	MVG1820GC	MVC1810GC	MVC1820GC	MVG1910GC	MVG1920GC	MVC1910GC	MVC1920GC
95 x 50	MVG1810GD	MVG1820GD	MVC1810GD	MVC1820GD	MVG1910GD	MVG1920GD	MVC1910GD	MVC1920GD
155 x 50	MVG1810GF	MVG1820GF	MVC1810GF	MVC1820GF	MVG1910GF	MVG1920GF	MVC1910GF	MVC1920GF
215 x 50	MVG1810GH	MVG1820GH	MVC1810GH	MVC1820GH	MVG1910GH	MVG1920GH	MVC1910GH	MVC1920GH
305 x 50	MVG1810GL	MVG1820GL	MVC1810GL	MVC1820GL	MVG1910GL	MVG1920GL	MVC1910GL	MVC1920GL
395 x 50	MVG1810GP	MVG1820GP	MVC1810GP	MVC1820GP	MVG1910GP	MVG1920GP	MVC1910GP	MVC1920GP
515 x 50	MVG1810GU	MVG1820GU	MVC1810GU	MVC1820GU	MVG1910GU	MVG1920GU	MVC1910GU	MVC1920GU
605 x 50	MVG1810GX	MVG1820GX	MVC1810GX	MVC1820GX	MVG1910GX	MVG1920GX	MVC1910GX	MVC1920GX
95 x 80	MVG1810LD	MVG1820LD	MVC1810LD	MVC1820LD	MVG1910LD	MVG1920LD	MVC1910LD	MVC1920LD
155 x 80	MVG1810LF	MVG1820LF	MVC1810LF	MVC1820LF	MVG1910LF	MVG1920LF	MVC1910LF	MVC1920LF
215 x 80	MVG1810LH	MVG1820LH	MVC1810LH	MVC1820LH	MVG1910LH	MVG1920LH	MVC1910LH	MVC1920LH
305 x 80	MVG1810LL	MVG1820LL	MVC1810LL	MVC1820LL	MVG1910LL	MVG1920LL	MVC1910LL	MVC1920LL
395 x 80	MVG1810LP	MVG1820LP	MVC1810LP	MVC1820LP	MVG1910LP	MVG1920LP	MVC1910LP	MVC1920LP
515 x 80	MVG1810LU	MVG1820LU	MVC1810LU	MVC1820LU	MVG1910LU	MVG1920LU	MVC1910LU	MVC1920LU
605 x 80	MVG1810LX	MVG1820LX	MVC1810LX	MVC1820LX	MVG1910LX	MVG1920LX	MVC1910LX	MVC1920LX
95 x 95	MVG1810ND	MVG1820ND	MVC1810ND	MVC1820ND	MVG1910ND	MVG1920ND	MVC1910ND	MVC1920ND
155 x 95	MVG1810NF	MVG1820NF	MVC1810NF	MVC1820NF	MVG1910NF	MVG1920NF	MVC1910NF	MVC1920NF
215 x 95	MVG1810NH	MVG1820NH	MVC1810NH	MVC1820NH	MVG1910NH	MVG1920NH	MVC1910NH	MVC1920NH
305 x 95	MVG1810NL	MVG1820NL	MVC1810NL	MVC1820NL	MVG1910NL	MVG1920NL	MVC1910NL	MVC1920NL
395 x 95	MVG1810NP	MVG1820NP	MVC1810NP	MVC1820NP	MVG1910NP	MVG1920NP	MVC1910NP	MVC1920NP
515 x 95	MVG1810NU	MVG1820NU	MVC1810NU	MVC1820NU	MVG1910NU	MVG1920NU	MVC1910NU	MVC1920NU
605 x 95	MVG1810NX	MVG1820NX	MVC1810NX	MVC1820NX	MVG1910NX	MVG1920NX	MVC1910NX	MVC1920NX

BRN NP Range

# Detailed code tables

## CABLE TRAYS AND ACCESSORIES

### BRN NP50



MV GO 013 GH

#### NON-PERFORATED STEEL CABLE TRAY - 3 METERS - HEIGHT 50

Code	Product in stock	Internal width (mm)	Packing details
<b>FINISHING: Z275</b>			
MV GO 013 GC		65	3/24
MV GO 013 GD	•	95	3/24
MV GO 013 GF	•	155	3/12
MV GO 013 GH	•	215	3/12
MV GO 013 GL	•	305	3/6
MV GO 013 GP		395	3/6
MV GO 013 GU	•	515	3/6
MV GO 013 GX		605	3/6
<b>FINISHING: HDG</b>			
MV GO 023 GC		65	3/12
MV GO 023 GD		95	3/12
MV GO 023 GF		155	3/12
MV GO 023 GH		215	3/12
MV GO 023 GL		305	3/6
MV GO 023 GP		395	3/6
MV GO 023 GU		515	3/6
MV GO 023 GX		605	3/6

### BRN NP80



MV GO 013 GH

#### NON-PERFORATED STEEL CABLE TRAY - 3 METERS - HEIGHT 80

Code	Internal width (mm)	Packing details
<b>FINISHING: Z275</b>		
MV GO 013 LD	95	3/12
MV GO 013 LF	155	3/12
MV GO 013 LH	215	3/6
MV GO 013 LL	305	3/6
MV GO 013 LP	395	3/6
MV GO 013 LU	515	3/6
MV GO 013 LX	605	3/6
<b>FINISHING: HDG</b>		
MV GO 023 LD	95	3/12
MV GO 023 LF	155	3/12
MV GO 023 LH	215	3/6
MV GO 023 LL	305	3/6
MV GO 023 LP	395	3/6
MV GO 023 LU	515	3/6
MV GO 023 LX	605	3/6

### BRN NP95



MV GO 013 GH

#### NON-PERFORATED STEEL CABLE TRAY - 3 METERS - HEIGHT 95

Code	Product in stock	Internal width (mm)	Packing details
<b>FINISHING: Z275</b>			
MV GO 013 ND	•	95	3/6
MV GO 013 NF		155	3/6
MV GO 013 NH	•	215	3/6
MV GO 013 NL	•	305	3/6
MV GO 013 NP		395	3/6
MV GO 013 NU	•	515	3/6
MV GO 013 NX		605	3/6
<b>FINISHING: HDG</b>			
MV GO 023 ND		95	3/6
MV GO 023 NF		155	3/6
MV GO 023 NH		215	3/6
MV GO 023 NL		305	3/6
MV GO 023 NP		395	3/6
MV GO 023 NU		515	3/6
MV GO 023 NX		605	3/6

# BRN NP Range Non-perforated steel cable trays

## COUPLER



MV CO 710 GA

### BRN NP BOLT COUPLER

Code	Suitable for	Packing details
<b>FINISHING: Z275</b>		
MV CO 710 GA	BRN 50	200
MV CO 710 LA	BRN 80	140
MV CO 710 NA	BRN 95	120
<b>FINISHING: HDG</b>		
MV CO 720 GA	BRN 50	200
MV CO 720 LA	BRN 80	140
MV CO 720 NA	BRN 95	120



MV 41 130

### BRN NP FOLDING COUPLER

Code	Suitable for	Packing details
<b>FINISHING: Z275</b>		
MV CO 810 GA	BRN 50	200
MV CO 810 LA	BRN 80	140
MV CO 810 NA	BRN 95	120
<b>FINISHING: HDG</b>		
MV CO 820 GA	BRN 50	200
MV CO 820 LA	BRN 80	140
MV CO 820 NA	BRN 95	120

## EARTHING



MV 41 940

### EARTHING TERMINAL

Code	Product in stock	Type	Ø (mm)	Height (mm)	Nominal section in mm <sup>2</sup>	Kg/u	Packing details
MV 41 940	•	Terminal kit + 2 washers	17	20	16-25	0.48	10/250
MV 41 941	•	Terminal kit + 2 washers	21	26	25-70	0.7	10
MV 41 942		Terminal kit + 2 washers	24	30	25-95	0.94	10/200
MV 41 943		Terminal only	17	20	16-25	0.382	10/250
MV 41 944		Terminal only	21	26	25-70	0.606	10/200
MV 41 945		Terminal only	24	30	25-95	0.845	10/200
MV 41 947		Bi-metal washer	-	-	-	0.005	100

NOTE: In order to prevent any risk of corrosion due to the electrochemical coupling between the earthing terminals and the coating of the cable trays, it is imperative to use two bi-metal washers per terminal, placing the grey side of the washers on the cable tray side.

### BOLT AND NUT

Code	Description	Dimension	Accessories supplied	Kg/u	Packing details
<b>FINISHING: EZ</b>					
MV 66 100	Bolt + nut	M6x10	Flanged nut	0.748	100
MV 66 101	Bolt + nut	M6x14	Flanged nut	0.82	100
MV 66 403	Bolt + nut	M6x20	Flanged nut	0.936	100
<b>FINISHING: GEOMET</b>					
MV 66 200	Bolt + nut	M6x10	Flanged nut	0.82	100
MV 66 201	Bolt + nut	M6x14	Flanged nut	0.748	100
MV 66 203	Bolt + nut	M6x20	Flanged nut	0.936	100



ZC6

**BRN NP COVER**



ZC6

**SNAP-ON COVER - 3 METERS**

Code	Product in stock	Width (mm)	Kg/m	Packing details
<b>FINISHING: Z275</b>				
MV CO 013 AC	-	65	0.545	30
MV CO 013 AD	-	95	0.644	30
MV CO 013 AF	-	155	0.94	24
MV CO 013 AH	-	215	0.545	18
MV CO 013 AL	-	305	1.683	12
MV CO 013 AP	-	395	2.701	12
MV CO 013 AU	-	515	3.454	12
MV CO 013 AX	-	605	4.02	12
<b>FINISHING: HDG</b>				
MV CO 023 AC	-	65	0.545	30
MV CO 023 AD	-	95	3.454	30
MV CO 023 AF	-	155	0.94	24
MV CO 023 AH	-	215	1.236	18
MV CO 023 AL	-	305	1.683	12
MV CO 023 AP	-	395	2.701	12
MV CO 023 AU	-	515	3.454	12
MV CO 023 AX	-	605	4.02	12

**DIVIDER**



ZC6

**DIVIDER**

Code	Product in stock	Suitable for	Packing details
<b>FINISHING: Z275</b>			
MV 65 111 X	•	BRN 50	30
MV 65 113 X		BRN 80 - 95	30
<b>FINISHING: HDG</b>			
MV 65 211 X	•	BRN 50	30
MV 65 213 X		BRN 80 - 95	30

**PROTECTION JOINT**

Code	Finishing	Packing details
MV 65 719	PVC	50

Tool-free installation to ensure perfect alignment of the rounded edge of the dividers between two pieces.



MV 65 719

# BRN NP Range Non-perforated steel cable trays

## Detailed code tables

### TECHNICAL DATA



#### Non-perforated steel cable tray:

Product standard: IEC 61537

Marking 

Material: STEEL (metallic)

Flame-spread: NON-PROPAGATING

Electrical continuity: YES (with all MAVIL BRN range couplers)

Electrical conductivity: YES

Finishings: METAL COATINGS and STAINLESS STEEL

Operating temperature: from -15°C to +40°C

Option: EPOXY paint color

Perforation: class B (greater than 2% and up to 15%)

Impact resistance: 20J

Protection rating: IP 20 (with cover)

	BRN35	BRN50 and BRN50 PRE-MOUNTED	BRN65	BRN80	BRN95	BRN110
<b>Working height (mm)</b>	35	50	65	80	95	110
<b>Working width (mm)</b>	Working sections (mm <sup>2</sup> )					
<b>65</b>	2,275	3,250				
<b>95</b>	3,325	4,750	6,175	7,485	8,892	
<b>155</b>	5,425	7,750		12,273	14,580	17,050
<b>215</b>	7,525	10,750	13,975	17,061	20,268	23,650
<b>305</b>	10,675	15,250	19,825	24,243	28,800	33,550
<b>395</b>	13,825	19,750	25,675	31,425	37,332	43,450
<b>515</b>		25,750	33,475	41,001	48,708	56,650
<b>605</b>		30,250	39,325	48,183	57,240	66,550

steel thickness: from 0.63 to 1.2 mm.

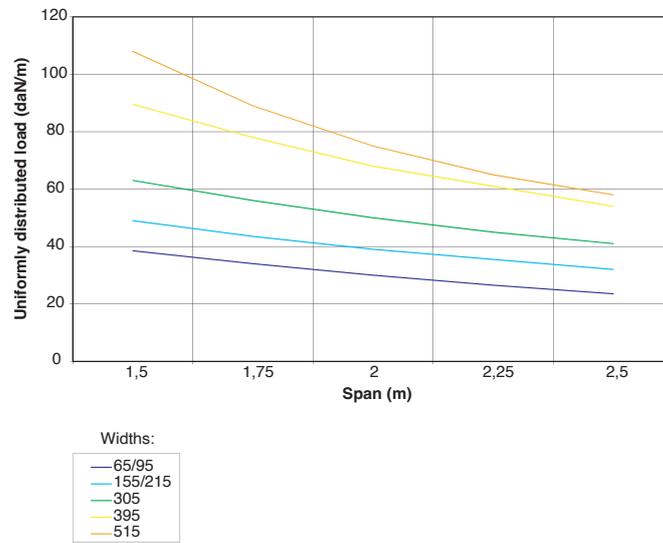
**NOTE:** 110 while supplies last.

Width (mm)	CAPACITY* (Kg/m)									
	Signal cables d=0.15 Kg/cm <sup>2</sup> /m					Power cables d=0.25 Kg/cm <sup>2</sup> /m				
	BRN35	BRN50	BRN65	BRN80	BRN110	BRN35	BRN50	BRN65	BRN80	BRN110
65	3.0	4.4	-	-	-	5.0	7.3	-	-	-
95	4.4	6.4	8.6	-	-	7.3	10.8	14.3	-	-
125	5.9	8.7	11.5	14.2	19.4	9.9	14.5	19.1	23.7	32.4
155	7.5	10.9	14.3	17.8	24.2	12.5	18.2	23.9	29.6	40.4
185	9.0	13.1	17.2	21.3	-	15.1	21.9	28.8	35.6	-
215	10.6	15.3	20.1	24.9	33.8	17.7	25.6	33.6	41.5	56.4
245	12.1	17.5	23.0	28.5	-	20.2	29.3	38.4	47.5	-
305	15.2	22.0	28.8	35.6	48.2	25.4	36.7	48.1	59.4	80.4
365	18.3	26.4	34.6	42.8	-	30.6	44.1	57.8	71.3	-
395	19.9	28.7	37.5	46.3	62.6	33.1	47.8	62.6	77.3	104.4
515	-	37.6	49.1	60.6	81.8	-	62.6	81.9	101.1	136.4
605	-	44.2	57.8	71.4	96.2	-	73.7	96.4	119.0	160.4

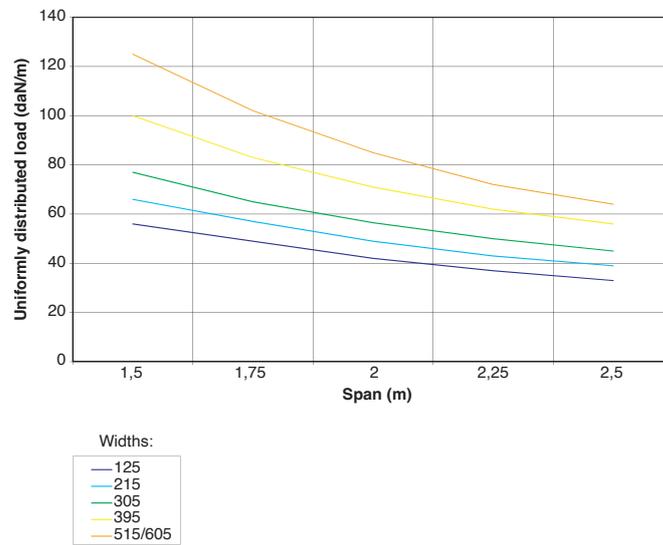
\*capacity for 100% cable tray filling

# BRN NP Range Non-perforated steel cable trays

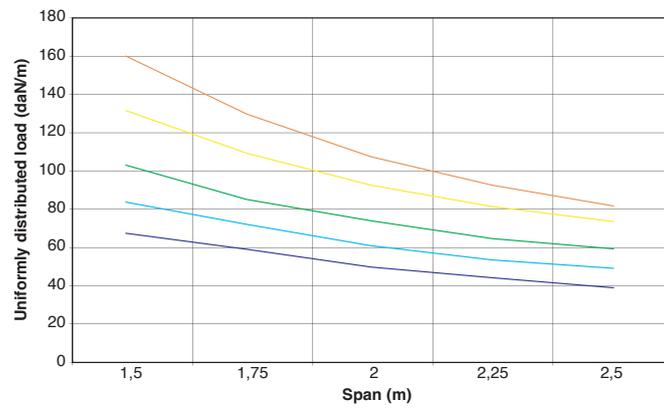
**BRN50 - SWL\*\***



**BRN80 - SWL\*\***

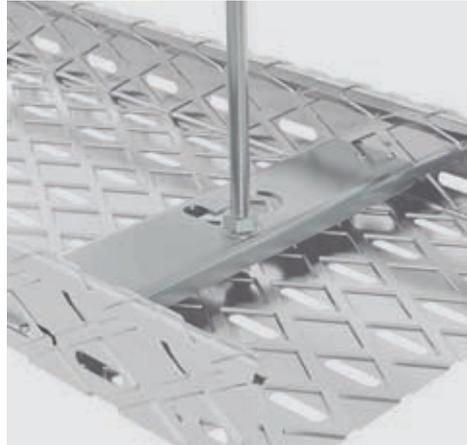
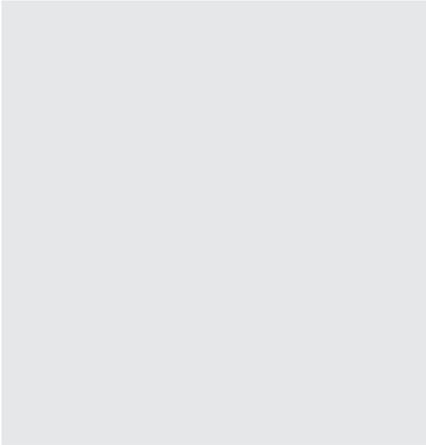


**BRN95 - SWL\*\***

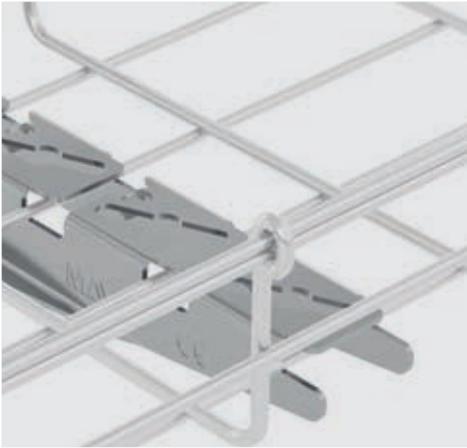


- Widths:
- 155
  - 215
  - 305
  - 395
  - 515/605

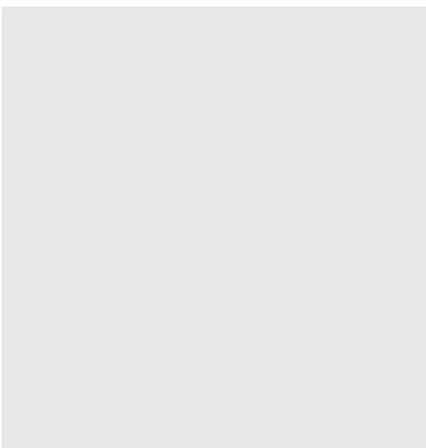
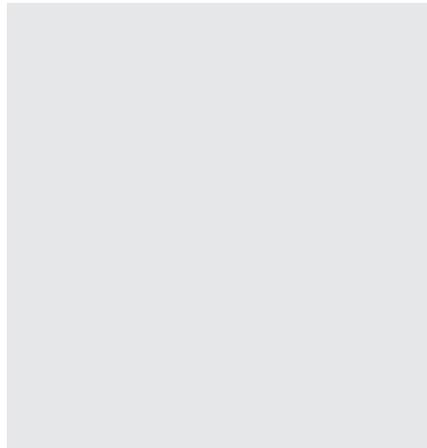
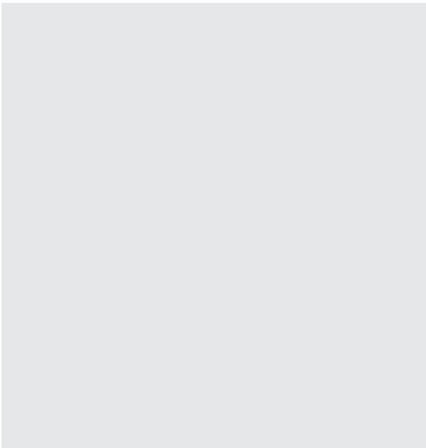
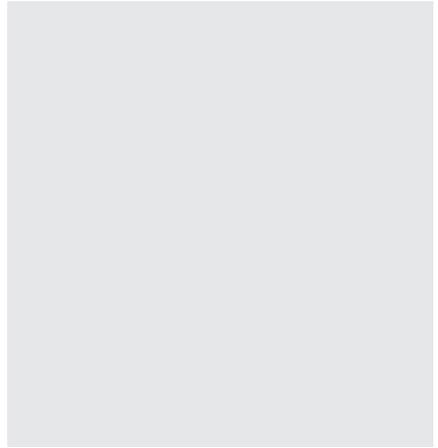
\*\*SWL= Safety Working Load



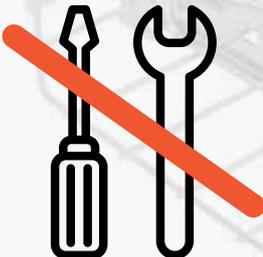
**BOLT-FREE BRX  
ATTACHMENT**

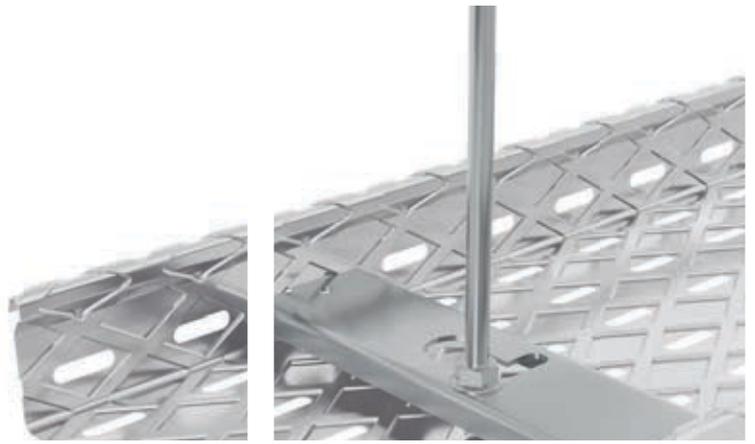


**QUICK  
FIXING**



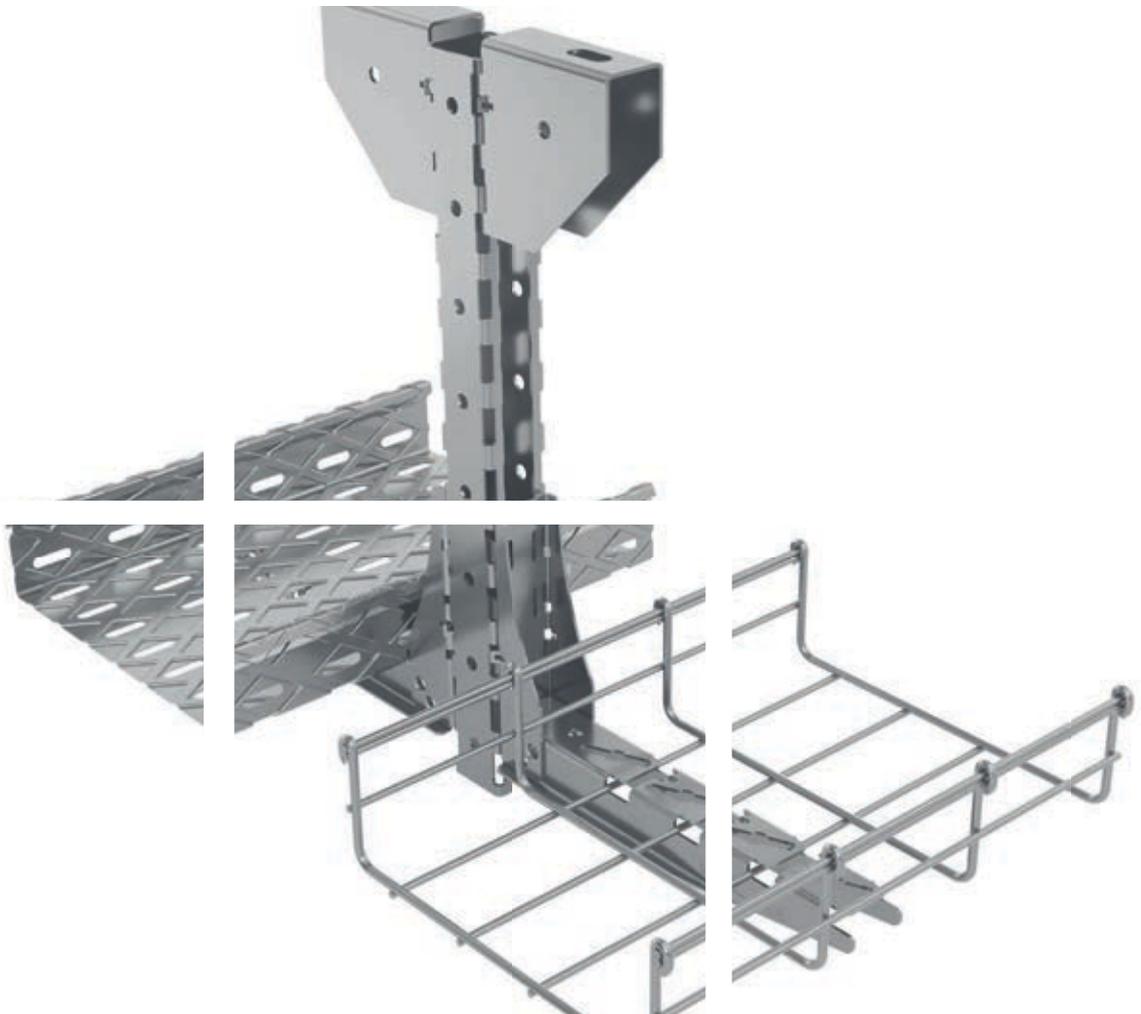
**SNAP-ON  
SYSTEMS**





Range **SP**

Supports and accessories



## SP Range & accessories choosing guide

### OMEGA LIGHT LOAD SUPPORTS



**OMEGA C-SHAPED CEILING BRACKET**

	L (mm)	Z 275				HDG				Inox 304				Inox 316	
		Height 115 mm	Height 165 mm	Height 215 mm	Height 265 mm	Height 115 mm	Height 165 mm	Height 215 mm	Height 265 mm	Height 115 mm	Height 165 mm	Height 215 mm	Height 265 mm	Height 115 mm	Height 165 mm
BFR Range	100	MV62110	MV62140	MV62113	MV62116	MV62210	MV62240	MV62213	MV62216	MV62610	MV62640	MV62613	MV62616	MV62810	MV62840
	150	MV62111	MV62141	MV62114	MV62117	MV62211	MV62241	MV62214	MV62217	MV62611	MV62641	MV62614	MV62617	MV62811	MV62841
	200	MV62112	MV62142	MV62115	MV62118	MV62212	MV62242	MV62215	MV62218	MV62612	MV62642	MV62615	MV62618	MV62812	MV62842
BRN / BRX Range	300	MV62110	MV62140	MV62113	MV62116	MV62210	MV62240	MV62213	MV62216	MV62610	MV62640	MV62613	MV62616	MV62810	MV62840
	95	MV62110	MV62140	MV62113	MV62116	MV62210	MV62240	MV62213	MV62216	MV62610	MV62640	MV62613	MV62616	MV62810	MV62840
	125	MV62110	MV62140	MV62113	MV62116	MV62210	MV62240	MV62213	MV62216	MV62610	MV62640	MV62613	MV62616	MV62810	MV62840
	155	MV62111	MV62141	MV62114	MV62117	MV62211	MV62241	MV62214	MV62217	MV62611	MV62641	MV62614	MV62617	MV62811	MV62841
	185	MV62111	MV62141	MV62114	MV62117	MV62211	MV62241	MV62214	MV62217	MV62611	MV62641	MV62614	MV62617	MV62811	MV62841
	215	MV62111	MV62141	MV62114	MV62117	MV62211	MV62241	MV62214	MV62217	MV62611	MV62641	MV62614	MV62617	MV62811	MV62841
	245	MV62112	MV62142	MV62115	MV62118	MV62212	MV62242	MV62215	MV62218	MV62612	MV62642	MV62615	MV62618	MV62812	MV62842
305	MV62112	MV62142	MV62115	MV62118	MV62212	MV62242	MV62215	MV62218	MV62612	MV62642	MV62615	MV62618	MV62812	MV62842	



**OMEGA BRACKET**



**QUICK CABLE TRAY  
ATTACHMENT  
ON BRACKETS  
(FILMATIC / TOLMATIC)**



**OMEGA CEILING SUPPORT**



**ASSEMBLING BOLT**

	L (mm)	Z275	HDG	Inox 304	Inox 316	Z275	HP	Inox 316	Z275	HDG	Inox 304	Inox 316	EZ	Geomet	Inox 304	
		BFR Range	100	MV60100	MV60200	MV60600	MV60800	MV 51 100	MV 51 700	MV 51 800	MV62100	MV62200	MV62600	MV62800	MV66122 M10x30 or MV66123 M40x60	MV66222 M10x30 or MV66223 M40x60
150	MV60101		MV60201	MV60601	MV60801	MV62100 410 mm	MV62200 410 mm				MV62600 410 mm	MV62800 410 mm				
200	MV60101		MV60201	MV60601	MV60801	MV62101 510 mm	MV62201 510 mm				MV62601 510 mm	MV62801 510 mm				
300	MV60102		MV60202	MV60602	MV60802	MV62101 510 mm	MV62201 510 mm				MV62601 510 mm	MV62801 510 mm				
400	MV60113		MV60213	MV60613		MV62102 610 mm	MV62202 610 mm				MV62602 610 mm	MV62802 610 mm				
500	MV60114		MV60214	MV60614												
BRN / BRX Range	600	MV60115	MV60215	MV60615												
	95	MV60100	MV60200	MV60600	MV60800	MV 41 100										
	125	MV60100	MV60200	MV60600	MV60800											
	155	MV60101	MV60201	MV60601	MV60801											
	185	MV60101	MV60201	MV60601	MV60801											
	215	MV60101	MV60201	MV60601	MV60801											
	245	MV60102	MV60202	MV60612	MV60812											
	305	MV60102	MV60202	MV60612	MV60812											
	365	MV60113	MV60213	MV60613												
	395	MV60113	MV60213	MV60613												
515	MV60114	MV60214	MV60614													
605	MV60115	MV60215	MV60615													



**CSUC CEILING BRACKET**

	L (mm)	Z 275		HDG		HP		Inox 304		Inox 316	
		Height 150 mm	Height 200 mm								
<b>BFR Range</b>	100	MV62150	MV62156	MV62250	MV62256	MV62750	MV62756	MV62650	MV62656	MV62850	MV62856
	150	MV62151	MV62157	MV62251	MV62257	MV62751	MV62757	MV62651	MV62657	MV62851	MV62857
	200	MV62152	MV62158	MV62252	MV62258	MV62752	MV62758	MV62652	MV62658	MV62852	MV62858
	300	MV62154	MV62160	MV62254	MV62260	MV62754	MV62760	MV62654	MV62660	MV62854	MV62860
	400	MV62155	MV62161	MV62255	MV62261	MV62755	MV62761	MV62655	MV62661	MV62855	MV62861
	500	MV62155*	MV62161*	MV62255*	MV62261*	MV62755*	MV62761*	MV62655*	MV62661*	MV62855*	MV62861*
<b>BRN / BRX Range</b>	95	MV62150	MV62156	MV62250	MV62256	MV62750	MV62756	MV62650	MV62656	MV62850	MV62856
	125	MV62150	MV62156	MV62250	MV62256	MV62750	MV62756	MV62650	MV62656	MV62850	MV62856
	155	MV62151	MV62157	MV62251	MV62257	MV62751	MV62757	MV62651	MV62657	MV62851	MV62857
	185	MV62152	MV62158	MV62252	MV62258	MV62752	MV62758	MV62652	MV62658	MV62852	MV62858
	215	MV62152	MV62158	MV62252	MV62258	MV62752	MV62758	MV62652	MV62658	MV62852	MV62858
	245	MV62154	MV62160	MV62254	MV62260	MV62754	MV62760	MV62654	MV62660	MV62854	MV62860
	305	MV62154	MV62160	MV62254	MV62260	MV62754	MV62760	MV62654	MV62660	MV62854	MV62860
	365	MV62155	MV62161	MV62255	MV62261	MV62755	MV62761	MV62655	MV62661	MV62855	MV62861
	395	MV62155	MV62161	MV62255	MV62261	MV62755	MV62761	MV62655	MV62661	MV62855	MV62861
	515	MV62155*	MV62161*	MV62255*	MV62261*	MV62755*	MV62761*	MV62655*	MV62661*	MV62855*	MV62861*

\*Can be mounted with 100 mm overhang of the cable tray from the bracket



**CSUC WALL BRACKET**



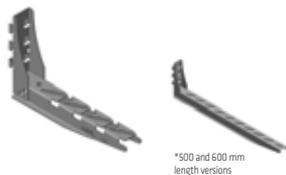
**CSUC CEILING SUPPORT**



**ASSEMBLING BOLT**

	L (mm)	Z275	HDG	HP	Inox 304	Inox 316	Z275	HDG	HP	Stainless steel 304	Stainless steel 316	EZ	Geomet	Inox 316
		<b>BFR Range</b>	100	MV60180	MV60280	MV60780	MV60680	MV60880	MV60180	MV60280	MV60780	MV60680	MV60880	MV66113 HM10x20 or MV66409 M10x80
	150	MV60181	MV60281	MV60781	MV60681	MV60881	100 mm	100 mm	100 mm	100 mm	100 mm			
	200	MV60182	MV60282	MV60782	MV60682	MV60882	MV60181	MV60281	MV60781	MV60681	MV60881			
	300	MV60184	MV60284	MV60784	MV60684	MV60884	150 mm	150 mm	150 mm	150 mm	150 mm			
	400	MV60185	MV60285	MV60785	MV60685	MV60885	MV60182	MV60282	MV60782	MV60682	MV60882			
<b>BRN / BRX Range</b>	95	MV60180	MV60280	MV60780	MV60680	MV60880	200 mm	200 mm	200 mm	200 mm	200 mm			
	125	MV60180	MV60280	MV60780	MV60680	MV60880	MV60184	MV60284	MV60784	MV60684	MV60884			
	155	MV60181	MV60281	MV60781	MV60681	MV60881	300 mm	300 mm	300 mm	300 mm	300 mm			
	185	MV60182	MV60282	MV60782	MV60682	MV60882	MV60185	MV60285	MV60785	MV60685	MV60885			
	215	MV60182	MV60282	MV60782	MV60682	MV60882	400 mm	400 mm	400 mm	400 mm	400 mm			
	245	MV60184	MV60284	MV60784	MV60684	MV60884								
	305	MV60184	MV60284	MV60784	MV60684	MV60884								
	365	MV60185	MV60285	MV60785	MV60685	MV60885								
	395	MV60185	MV60285	MV60785	MV60685	MV60885								
	515	MV60186	MV60286											
605	MV60187	MV60287												

## C40 MEDIUM LOAD SUPPORTS



**CSUG C40 BRACKET**

	L (mm)	Z275	HP	Inox 304	Inox 316
			MV60190	MV60790	MV60690
BFR Range	150	MV60191	MV60791	MV60691	MV60891
	200	MV60192	MV60792	MV60692	MV60892
	300	MV60194	MV60794	MV60694	MV60894
	400	MV60195	MV60795	MV60695	MV60895
	BRN / BRX Range	95	MV60190	MV60790	MV60690
125		MV60190	MV60790	MV60690	MV60890
155		MV60191	MV60791	MV60691	MV60891
185		MV60192	MV60792	MV60692	MV60892
215		MV60192	MV60792	MV60692	MV60892
245		MV60194	MV60794	MV60694	MV60894
305		MV60194	MV60794	MV60694	MV60894
365		MV60195	MV60795	MV60695	MV60895
395		MV60195	MV60795	MV60695	MV60895



**C40 PROFILE**

H (mm)	Z	HP	Inox 304	Inox 316
200	MV65190	MV65790	MV65690	MV65890
400	MV65195	MV65795	MV65695	MV65895
500	MV65191	MV65791	MV65691	MV65891
600	MV65196	MV65796		
800	MV65197	MV65797		
1000	MV65192	MV65792	MV65692	MV65892
1.500	MV65198	MV65798		
2.000	MV65193	MV65793	MV65693	
3.000	MV65194	MV65794		



**CEILING SUPPORT**

Z275	HP	Inox 304	Inox 316
2 x MV64180	2 x MV64780	2 x MV64680	2 x MV64880



**C40 SUPPORT ASSEMBLED**

H (mm)	Z	HP
400	MV 63 155	MV63755
500	MV 63 151	MV63751
600	MV 63 156	MV63756
800	MV 63 157	MV63757
1000	MV 63 152	MV63752
1.500	MV 63 158	MV63758



**SPACER FOR DOUBLE SUPPORT**

Z275	HP	Inox 304	Inox 316
MV64181	MV64781	MV64681	MV64881



**BLOCKING FOR DOUBLE SUPPORT**

Inox 304	Inox 316
MV64682	MV64882



**PROFILE PROTECTIVE END PIECE**

PVC
MV64783

**EDF 40 MEDIUM LOAD SUPPORTS**



**EDF40 BRACKET**

	L (mm)	Z275	HDG	Inox 304
		<b>BFR Range</b>	50	MV60130
	100	MV60130	MV60230	MV60630
	150	MV60131	MV60231	MV60631
	200	MV60132	MV60232	MV60632
	300	MV60133	MV60233	MV60633
	400	MV60134	MV60234	MV60634
	500	MV60135	MV60235	MV60635
<b>BRN / BRX Range</b>	65	MV60130	MV60230	MV60630
	95	MV60130	MV60230	MV60630
	125	MV60131	MV60231	MV60631
	155	MV60131	MV60231	MV60631
	185	MV60132	MV60232	MV60632
	215	MV60132	MV60232	MV60632
	245	MV60133	MV60233	MV60633
	305	MV60133	MV60233	MV60633
	365	MV60134	MV60234	MV60634
	395	MV60134	MV60234	MV60634
	515	MV60135	MV60235	MV60635



**EDF 40 PROFILE**

Z275	HDG	Inox 304
MV62120 250 mm	MV62220 250 mm	MV62620 250 mm
MV62121 500 mm	MV62221 500 mm	MV62621 500 mm
MV62122 1,000 mm	MV62222 1,000 mm	MV62622 1,000 mm
MV62123 1,500 mm	MV62223 1,500 mm	MV62623 1,500 mm
MV62124 2,000 mm	MV62224 2,000 mm	MV62624 2,000 mm



**FIXING PIN FOR BRACKET ON THE PROFILE**

EZ	Inox 304
MV64114	MV64614



**ADJUSTABLE SUPPORT**

Z275	Inox 304	Geomet
MV64113	MV64613	MV64213



**VARIABLE CEILING SUPPORT**

Z275	Inox 304	Geomet
MV64111	MV64611	MV64211



**CEILING SUPPORT**

Z275	Inox 304	Geomet
MV64110	MV64610	MV64210



**SPACER**

Z275	Inox 304	Geomet
MV64112	MV64612	MV64212

**NOTE:** For BRN or BRX cable trays width 65 to 605 and BFR wire mesh width 50 to 600.

## MAVISTRUT NOTCHED HEAVY LOAD SUPPORT



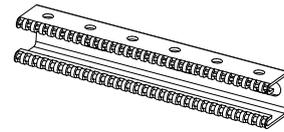
**MAVISTRUT SNAP-ON BRACKET**

BFR Range	L (mm)	Z275	HDG
		50	
100		MV61100	MV61200
150			
200		MV61101	MV61201
300		MV61102	MV61202
400		MV61103	MV61203
500		MV61104	MV61204
600		MV61105 or MV61106	MV61205 or MV61206
BRN / BRX Range	65		
	95	MV61100	MV61200
	125		
	155		
	185	MV61101	MV61201
	215		
	245		
	305	MV61102	MV61202
	365	MV61103	MV61203
	395		
515	MV61104	MV61204	
605	MV61105 or MV61106	MV61205 or MV61206	



**CEILING MAVISTRUT NOTCHED PROFILE**  
41x41

H (mm)	Single		Double	
	EZ	HDG	EZ	HDG
560	MV81415	MV81215	MV81465	MV81265
800	MV81418	MV81218	MV81468	MV81268
1,040	MV81421	MV81221	MV81471	MV81271
1,520	MV81427	MV81227	MV81477	MV81277



**MAVISTRUT NOTCHED PROFILE**

L (mm)	Single		Double
	Z275	HDG	HDG
240	/	/	/
1,030	MV65174	MV65274	/
1,990	MV65175	MV65275	/
3,030	MV65176	MV65276	MV68255



**BOLT-ON CEILING SUPPORT**  
(bolts not included)

	EZ	HDG
41x41 single ceiling support	MV64473	MV64273
41x41 double ceiling support	/	MV64274

**STRUT HEAVY LOAD SMOOTH SUPPORTS**



**FLAT BRACKET**

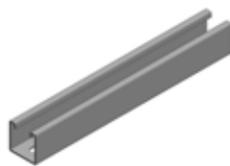


**WALL BRACKET**



**STRUT SMOOTH SUPPORTS FOR CEILING**

	L (mm)	41x21 single		41x41 single		41x41 double	H (mm)	Single		Double
		EZ	HDG	EZ	HDG	HDG		EZ	HDG	HDG
<b>BFR Range</b>	50						320	MV80412	MV80212	
	100	MV 61 435	MV 61 235	MV 61 447	MV 61 247		400	MV80413	MV80213	/
	150					MV61253	560	MV80415	MV80215	MV80265
	200	MV 61 436	MV 61 236	MV 61 448	MV 61 248		640	MV80416	MV80216	MV80266
	300	MV 61 437	MV 61 237	MV 61 449	MV 61 249		720	/	/	MV80267
	400	MV 61 438	MV 61 238	MV 61 450	MV 61 250	MV61254	800	MV80418	MV80218	MV80268
	500			MV 61 451	MV 61 251	MV61255	960	MV80420	MV80220	MV80270
600			MV 61 452	MV 61 252	MV61256	1440	MV80426	MV80226	MV80276	
<b>BRN / BRX Range</b>	65						2000	MV80433	MV80233	MV80283
	95	MV 61 435	MV 61 235	MV 61 447	MV 61 247		2960	/	/	MV80295
	125					MV61253				
	155	MV 61 436	MV 61 236	MV 61 448	MV 61 248					
	185									
	215	MV 61 437	MV 61 237	MV 61 449	MV 61 249					
	245									
	305	MV 61 438	MV 61 238	MV 61 450	MV 61 250	MV61254				
	365			MV 61 451	MV 61 251	MV61255				
	395			MV 61 452	MV 61 252	MV61256				
515										
605										



**STRUT SMOOTH PROFILE**

L (mm)	41x21 Single		41x21 Double		41x41 Single Std		41x41 Double Std		41x41 Single Eco	
	Z275	HDG	Z275	HDG-	Z275	HDG	Z275	HDG	Z275	HDG
3.030	MV68110	MV68210	MV68230		MV68105	MV68205	MV68225		MV68215	



**BOLT-ON CEILING SUPPORT (bolts not included)**

	EZ	HDG
41x41 single ceiling support	MV64473	MV64273
41x41 double ceiling support	/	MV64274

## Detailed code tables

### PROFILES AND SUPPORTS FOR LIGHT LOADS

#### PROFILES



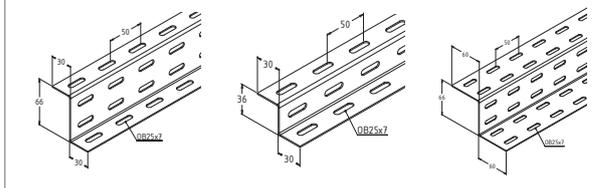
MV 65 133 X

#### Z-TYPE PROFILE - 3 METERS

Code	Product in stock	Dimensions AxBxC (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 65 130 X	●	30x30x30	2.82	30
MV 65 131 X	●	30x60x30	3.75	30
MV 65 133 X		60x60x60	5.64	30
<b>FINISHING: HDG</b>				
MV 65 230 X		30x30x30	2.82	30
MV 65 231 X		30x60x30	3.75	30
MV 65 233 X		60x60x60	5.64	30

NOTE: Available in Epoxy on request.

#### TECHNICAL DATA SHEET



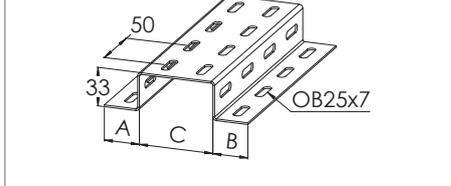
MV 65 135 X

#### OMEGA-TYPE PROFILE - 3 METERS

Code	Dimensions AxBxC (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 65 134 X	30x30x30	4.68	18
MV 65 135 X	30x30x60	5.64	30
<b>FINISHING: HDG</b>			
MV 65 234 X	30x30x30	4.68	30
MV 65 235 X	30x30x60	5.64	30

NOTE: Available in Epoxy on request.

#### TECHNICAL DATA SHEET



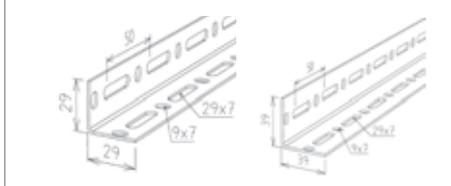
MV 65 160

#### DIVIDER PROFILE - 3 METERS

Code	Product in stock	Dimensions AxB (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 65 160	●	30x30	1.53	10
MV 65 162		40x40	2.85	10
<b>FINISHING: HDG</b>				
MV 65 260		30x30	1.53	10
MV 65 262		40x40	2.85	10

NOTE: Available in Epoxy on request.

#### TECHNICAL DATA SHEET



**TELEX-TYPE SUPPORT - 2 METERS**



MV 65 150

Code	Product in stock	Width (mm)	Shape	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 65 150	•	30	C	0.81	10
MV 65 151	•	50	C	1.026	10
MV 65 152	•	75	C	1.318	10
<b>FINISHING: HDG</b>					
MV 65 250	•	30	C	0.81	10
MV 65 251	•	50	C	1.026	10
MV 65 252	•	75	C	1.318	10

NOTE: Available in Epoxy on request.

**TECHNICAL DATA SHEET**



**SMOOTH STRUT PROFILE 41**



MV 68 105

Code	Product in stock	Description	Length (mm)	Thickness (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>						
MV 68 110	•	Standard 41x21	3,000	2	4.294	4
MV 68 105	•	Standard 41x41	3,030	2.5	7.486	4
MV 68 115	•	Eco 41x41	3,000	2	5.652	4
<b>FINISHING: HDG</b>						
MV 68 210	•	Standard 41x21	3,000	2	4.294	4
MV 68 205	•	Standard 41x41	3,030	2.5	7.486	4
MV 68 215	•	Eco 41x41	3,040	2	5.652	4
MV 68 230	•	Double Standard 41x21	3,000	2	8.588	
MV 68 225	•	Double Standard 41x41	3,030	2	14.972	1

# SP Range Supports and accessories



MV 64 670

## VERTICAL OR FLOOR SUPPORT FOR BFR, BRN AND BRX

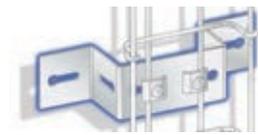
Code	Product in stock	Width (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 64 170	•	100	0.217	1/30
MV 64 171	•	200	0.29	1/30
MV 64 172	•	300	0.396	1/30
MV 64 173		400	0.433	1/30
MV 64 174		500	0.505	1/25
<b>FINISHING: HDG</b>				
MV 64 295		100	0.217	1/30
MV 64 296		200	0.29	1/30
MV 64 297		300	0.396	1/30
MV 64 298		400	0.433	1/30
MV 64 299		500	0.505	1/25
<b>FINISHING: INOX 304L</b>				
MV 64 670	•	100	0.217	30
MV 64 671		200	0.29	30
MV 64 672		300	0.396	30
MV 64 673		400	0.433	30
MV 64 674		500	0.505	25

NOTE: Wall and floor mounting.

For BFR: with MV51422 Ez or MV51222 Gc or MV51822 Stainless steel.

For BRX: with M6x14 MV66101 Ez or MV66201 Gc

### TECHNICAL DATA SHEET



## PROTECTIVE TRUNKING - 3 METERS

Code	Height (mm)	Width (mm)	Packing details
<b>FINISHING: Z275</b>			
MV 65 139	71.6	83.2	1/6

NOTE: Fastens with M6 (MV66495) anchor bolt.



MV 65 139

SUPPORT LIGHT LOAD



MV 60 120

**BRACKET FOR BFR, BRN AND BRX**

Code	Product in stock	Dimensions AxBxC (mm)	daN	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 60 120	•	50x50x70	20	0.073	100
MV 60 121	•	50x100x70	15	0.111	100
MV 60 122	•	50x150x70	10	0.15	100
<b>FINISHING: HDG</b>					
MV 60 220		50x50x70	20	0.073	100
MV 60 221		50x100x70	15	0.111	100
MV 60 222		50x150x70	10	0.15	100

**NOTE:** Available in Epoxy on request. Wall attachment.  
For BFR: with MV51422 Ez or MV51222 Gc.  
For BRN or BRX: with M6x14 MV66101 Ez or MV66201 Gc.



OMEGA SUPPORT FOR LIGHT LOADS



MV 62 100

**OMEGA TYPE CEILING SUPPORT**

Code	Product in stock	Length (mm)	Admittable load on brack (daN/m)	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 62 100	•	410	2	0.52	32
MV 62 101	•	510	2	0.626	25
MV 62 102	•	610	2	0.733	25
<b>FINISHING: HDG</b>					
MV 62 200		410	2	0.52	32
MV 62 201		510	2	0.626	25
MV 62 202		610	2	0.733	25
<b>FINISHING: INOX 304L</b>					
MV 62 600		410	2	0.52	32
MV 62 601		510	2	0.626	25
MV 62 602		610	2	0.733	25
<b>FINISHING: INOX 316L</b>					
MV 62 800		410	2	0.52	32
MV 62 801		510	2	0.626	25
MV 62 802		610	2	0.733	25

**NOTE:** Available in Epoxy on request.  
OMEGA/C-shaped OMEGA bracket fastens with TRCC bolt: M10x30 (MV66122 Ez or MV66222 Gc) or M10x60 (MV66123 Ez or MV66223 Gc).  
The MV64401 wedge may be required to mount the support directly on the ceiling or wall.  
To assemble an OMEGA bracket on an OMEGA ceiling support on the hollow side, or two brackets on each side of the OMEGA ceiling support, use the M10x60 bolt.



# SP Range Supports and accessories



MV 60 100

## OMEGA TYPE BRACKET

Code	Product in stock	Length (mm)	Max load (kg/bracket)	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 60 100	•	110	50	0.202	50
MV 60 101	•	210	50	0.308	50
MV 60 102	•	310	30	0.414	40
MV 60 113		410	130	0.641	12
MV 60 114		510	130	0.785	8
MV 60 115		610	100	0.929	6
<b>FINISHING: HDG</b>					
MV 60 200	•	110	50	0.202	50
MV 60 201	•	210	50	0.308	50
MV 60 202		310	30	0.414	40
MV 60 213		410	130	0.641	12
MV 60 214		510	130	0.785	8
MV 60 215		610	100	0.929	6
<b>FINISHING: INOX 304L</b>					
MV 60 600		110	50	0.202	50
MV 60 601		210	50	0.308	50
MV 60 602		310	30	0.414	40
MV 60 613		410	130	0.641	12
MV 60 614		510	130	0.785	8
MV 60 615		610	100	0.929	6
<b>FINISHING: INOX 316L</b>					
MV 60 800		110	50	0.202	50
MV 60 801		210	50	0.308	50
MV 60 802		310	30	0.414	40

**NOTE:** Available in Epoxy on request.

Direct wall mounting or to OMEGA ceiling support using TRCC M10x30 bolt type MV66122 Ez or MV66222 Gc. The MV64401 wedge is required.



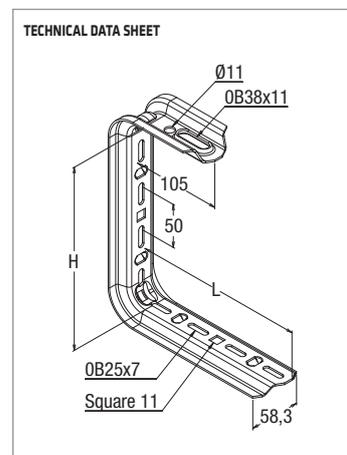
MV 62 110

**OMEGA C-SHAPED CEILING BRACKET**

Code	Product in stock	Dimensions LxH (mm)	Max load (kg/bracket)	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 62 110	•	95x115	22	0.309	30
MV 62 111	•	195x115	22	0.415	30
MV 62 112	•	295x115	14	0.521	30
MV 62 140	•	95x165	21	0.386	30
MV 62 141	•	195x165	21	0.491	30
MV 62 142	•	295x165	14	0.596	30
MV 62 113	•	95x215	20	0.415	30
MV 62 114	•	195x215	20	0.521	30
MV 62 115	•	295x215	13	0.627	20
MV 62 116	•	95x265	20	0.474	30
MV 62 117	•	195x265	20	0.58	30
MV 62 118	•	295x265	13	0.69	24
<b>FINISHING: HDG</b>					
MV 62 210		95x115	22	0.309	30
MV 62 211		195x115	22	0.415	30
MV 62 212		295x115	14	0.521	30
MV 62 240		95x165	21	0.386	30
MV 62 241		195x165	21	0.491	30
MV 62 242		295x165	14	0.596	30
MV 62 213		95x215	20	0.415	30
MV 62 214		195x215	20	0.521	30
MV 62 215		295x215	13	0.627	20
MV 62 216		95x265	20	0.474	30
MV 62 217		195x265	20	0.58	30
MV 62 218		295x265	13	0.69	24
<b>FINISHING: INOX 304L</b>					
MV 62 610		95x115	22	0.309	30
MV 62 611		195x115	22	0.415	30
MV 62 612		295x115	14	0.521	30
MV 62 640		95x165	21	0.386	30
MV 62 641		195x165	21	0.491	30
MV 62 642		295x165	14	0.596	30
MV 62 613		95x215	20	0.415	30
MV 62 614		195x215	20	0.521	30
MV 62 615		295x215	13	0.627	20
MV 62 616		95x265	20	0.474	30
MV 62 617		195x265	20	0.58	30
MV 62 618		295x265	13	0.69	24
<b>FINISHING: INOX 316L</b>					
MV 62 810		95x115	22	0.309	30
MV 62 811		195x115	22	0.415	30
MV 62 812		295x115	14	0.521	30
MV 62 840		95x165	21	0.386	30
MV 62 841		195x165	21	0.491	30
MV 62 842		295x165	14	0.596	30

**NOTE:** Available in Epoxy on request.

Fastens directly to wall, ceiling or OMEGA-type ceiling support with TRCC M10x30 bolt MV66122 Ez or MV66222 Gc. The MV64401 wedge is required.



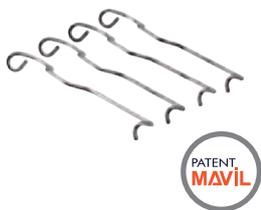
# SP Range Supports and accessories



MV 66 122

## OMEGA BOLTS

Code	Product in stock	Description	Dimension	Accessories supplied	Kg/u	Packing details
<b>FINISHING: EZ</b>						
MV 66 122	•	TRCC bolt+nut	M10x30	Nut + washer	4.3	100
MV 66 123		TRCC bolt+nut	M10x60	Nut + washer	5.75	100
<b>FINISHING: GEOMET</b>						
MV 66 222	•	TRCC bolt+nut	M10x30	Nut + washer	4.3	100
MV 66 223		TRCC bolt+nut	M10x60	Nut + washer	5.75	100
<b>FINISHING: INOX 304L</b>						
MV 66 622		TRCC bolt+nut	M10x30	Nut + washer	4.3	50
MV 66 623		TRCC bolt+nut	M10x60	Nut + washer	5.75	50
<b>FINISHING: INOX 316L</b>						
MV 66 822		TRCC bolt+nut	M10x30	Nut + washer	4.3	50/500
MV 66 823		TRCC bolt+nut	M10x60	Nut + washer	5.75	50/250



MV 51 100

## FILMATIC - FAST FIXING FOR BFR ON OMEGA BRACKETS

Code	Product in stock	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 51 100	•	0.009	10
<b>FINISHING: HP</b>			
MV 51 700		0.009	10
<b>FINISHING: INOX 316L</b>			
MV 51 800		0.009	10

### TECHNICAL DATA SHEET



MV 64 105

## SPACER FOR MOUNTING AN OMEGA BRACKET ON A 41 PROFILE

Code	Kg/u	Packing details
<b>FINISHING: Z275</b>		
MV 64 105	0.096	50

**NOTE:** to attach the bracket and spacer, use HM 10x40 screws (MV66138) and a nut for 41 profile (see according to profile).

### TECHNICAL DATA SHEET



**SYSTEM FOR EDF TYPE MEDIUM LOADS**

**SUPPORTING**

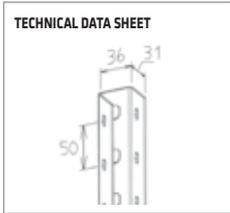


MV 62 120

**EDF 40 PROFILE**

Code	Product in stock	Thickness (mm)	Length (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 62 120		1.5	250	0.276	60
MV 62 121		1.5	500	0.552	10
MV 62 122	•	1.5	1000	1.105	10
MV 62 123		2	1,500	2.209	10
MV 62 124	•	2	2,000	2.945	6
<b>FINISHING: HDG</b>					
MV 62 220		1.5	250	0.276	60
MV 62 221		1.5	500	0.552	10
MV 62 222		1.5	1000	1.105	10
MV 62 223		2	1,500	2.209	10
MV 62 224		2	2,000	2.945	10
<b>FINISHING: INOX 304L</b>					
MV 62 620		1.5	250	0.276	60
MV 62 621		1.5	500	0.552	10
MV 62 622		1.5	1000	1.105	10
MV 62 623		1.5	1,500	2.209	10
MV 62 624		1.5	2,000	2.945	10

**NOTE:** Available in Epoxy on request.  
 Use for wall support with one or more brackets.  
 Use for single or double ceiling support with gusset (MV64110 Ez or MV64210 HDG) and spacer (MV64112 Ez or MV64212 HDG).





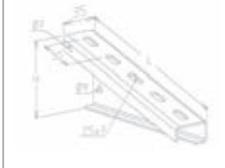
MV 60 130

## EDF 40 BRACKET

Code	Product in stock	Length (mm)	Height (mm)	Max load (kg/bracket)	Kg/u	Packing details
<b>FINISHING: Z275</b>						
MV 60 130		150	80	85	0.123	100
MV 60 131		200	80	85	0.197	80
MV 60 132	•	250	80	85	0.247	50
MV 60 133	•	350	95	100	0.494	25
MV 60 134		450	95	90	0.847	20
MV 60 135		550	95	85	1.036	18
<b>FINISHING: HDG</b>						
MV 60 230		150	80	85	0.123	100
MV 60 231		200	80	85	0.197	80
MV 60 232		250	80	85	0.247	50
MV 60 233		350	95	100	0.494	25
MV 60 234		450	95	90	0.847	20
MV 60 235		550	95	85	1.036	18
<b>FINISHING: INOX 304L</b>						
MV 60 630		150	80	85	0.123	100
MV 60 631		200	80	85	0.197	80
MV 60 632		250	80	85	0.247	50
MV 60 633		350	95	100	0.494	25
MV 60 634		450	95	90	0.847	20
MV 60 635		550	95	85	1.036	18

**NOTE:** Available in Epoxy on request.  
 Fastens to EDF 40 profile with MV 64 114 Ez 6x70 pin.  
 Fastens to BRX with MV66101 Ez or MV66201 Gc M6x14 bolt.  
 Fastens to BFR with MV51422 Ez or MV51222 Gc or MV51822 stainless steel coupler.

### TECHNICAL DATA SHEET



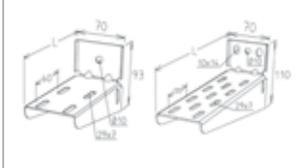
MV 60 141

## EDF75 DOUBLE BRACKET

Code	Length (mm)	Thickness (mm)	Max load (kg/bracket)	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 60 141	150	1.2	60	0.191	50
MV 60 143	250	2	130	0.569	40
<b>FINISHING: HDG</b>					
MV 60 241	150	1	60	0.191	50
MV 60 243	250	2	130	0.569	40

**NOTE:** Available in Epoxy on request.  
 Fastens to EDF 40 profile with MV 64 114 Ez 6x70 pin.  
 Fastens to wall with MV66496 anchor stud.  
 Fastens to BRN with MV66101 Ez or MV66201 Gc M6x14 bolt.  
 Fastens to BFR and BRX with MV51422 Ez or MV51222 Gc coupler.

### TECHNICAL DATA SHEET



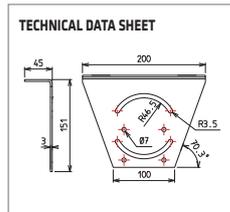


MV 64 111

**VARIABLE CEILING SUPPORT FOR EDF 40**

Code	Product in stock	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 64 111	●	0.746	20
<b>FINISHING: HDG</b>			
MV 64 211		0.746	20
<b>FINISHING: INOX 304L</b>			
MV 64 611		0.746	20

NOTE: Fastens to EDF 40 slider with MV 64 114 6x70 pin.



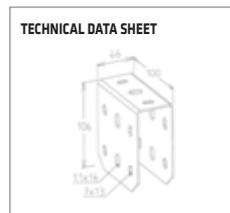
**CEILING SUPPORT FOR EDF 40**



MV 64 110

Code	Kg/u	Packing details
<b>FINISHING: Z275</b>		
MV 64 110	0.361	20
<b>FINISHING: HDG</b>		
MV 64 210	0.361	20
<b>FINISHING: INOX 304L</b>		
MV 64 610	0.361	20

NOTE: Fastens with MV66100 Ez or MV66200 Gc M6x10 bolts.



**ADJUSTABLE SUPPORT FOR EDF 40 BRACKET**



MV 64 113

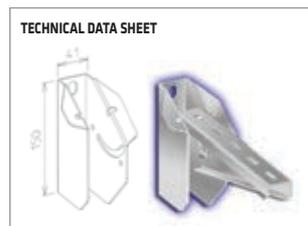
Code	Kg/u	Packing details
<b>FINISHING: Z275</b>		
MV 64 113	0.59	25
<b>FINISHING: HDG</b>		
MV 64 213	0.59	25
<b>FINISHING: INOX 304L</b>		
MV 64 613	0.59	25

NOTE: Available in Epoxy on request.

To correct a wall that is out of plumb or attach a bracket to an arched wall via:  
6x70 pin - MV64114.

M8x25 H-type screw - MV66133 (Ez).

M8 notched flange nut - MV66142 (Ez).



## ACCESSORIES

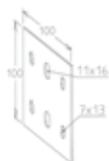


MV 64 112

### SPACER FOR EDF 40

Code	Kg/u	Packing details
<b>FINISHING: Z275</b>		
MV 64 112	0.111	100
<b>FINISHING: HDG</b>		
MV 64 212	0.111	100
<b>FINISHING: INOX 304L</b>		
MV 64 612	0.111	100

#### TECHNICAL DATA SHEET



MV 64 114

### EDF 40 6X70 FIXING PIN

Code	Product in stock	Kg/u	Packing details
<b>FINISHING: EZ</b>			
MV 64 114	●	0.02	100
<b>FINISHING: INOX 304L</b>			
MV 64 614		0.02	100

**NOTE:** the pin is used to lock the EDF bracket onto the profile.

#### TECHNICAL DATA SHEET



**MEDIUM LOAD SUPPORTS**

**C40 PLURIEL SUPPORT SYSTEM**

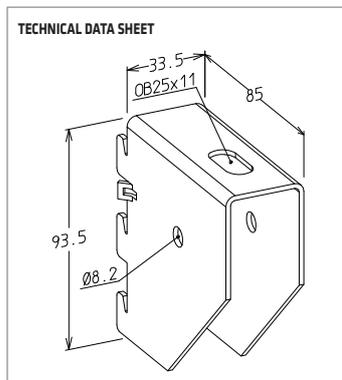


MV 64 180

**C40 PLURIEL CEILING SUPPORT**

Code	Product in stock	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 64 180	•	0.255	32
<b>FINISHING: HP</b>			
MV 64 780		0.255	32
<b>FINISHING: INOX 304L</b>			
MV 64 680		0.255	32
<b>FINISHING: INOX 316L</b>			
MV 64 880		0.255	32

**NOTE:** Available in Epoxy on request.  
Fastens to C40 PLURIEL profile via snap-on systems.



MV 64 181

**CEILING SPACER FOR C40 PLURIEL DOUBLE PROFILE**

Code	Kg/u	Packing details
<b>FINISHING: Z275</b>		
MV 64 181	0.052	40
<b>FINISHING: HP</b>		
MV 64 781	0.052	40
<b>FINISHING: INOX 304L</b>		
MV 64 681	0.052	40
<b>FINISHING: INOX 316L</b>		
MV 64 881	0.052	40

**NOTE:** Available in Epoxy on request.



MV 64 682

**BLOCKING FOR C40 PLURIEL DOUBLE PROFILE**

Code	Kg/u	Packing details
<b>FINISHING: INOX 304L</b>		
MV 64 682	0.073	1/10
<b>FINISHING: INOX 316L</b>		
MV 64 882	0.073	1/10

**NOTE:** Available in Epoxy on request.

# SP Range Supports and accessories



MV 64 783

## PROTECTIVE END PIECE FOR C40 PLURIEL PROFILES

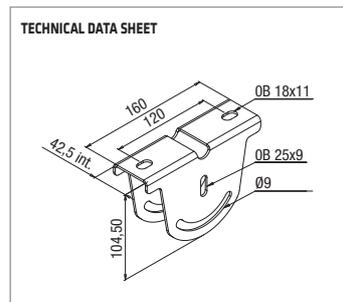
Code	Product in stock	Material	Kg/u	Packing details
MV 64 783	•	PVC	0.011	10



MV 64 155

## ADJUSTABLE CEILING SUPPORT FOR C40

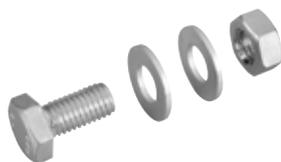
Code	Product in stock	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 64 155	•	0.504	10
<b>FINISHING: HDG</b>			
MV 64 255		0.504	10
<b>FINISHING: INOX 316</b>			
MV 64 857		0.504	10



MV 64 157

## C40 PROFILE SPACER

Code	Product in stock	Kg/u	Packing details
<b>FINISHING: Z275</b>			
MV 64 157	•	0.051	100
<b>FINISHING: HDG</b>			
MV 64 257		0.051	100
<b>FINISHING: INOX 316</b>			
MV 64 857		0.051	100



MV 66 408

## M8X60 H BOLT + 2 M8 WASHERS

Code	Product in stock	Kg/u	Packing details
<b>FINISHING: EZ</b>			
MV 66 408	•	3.8	100
<b>FINISHING: HDG</b>			
MV 66 208		3.8	100



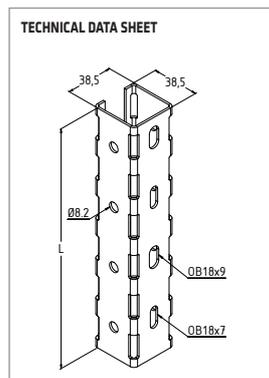
MV 65 190

**C40 PLURIEL PROFILE**

Code	Product in stock	Length (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 65 190		200	0.28	50
MV 65 195	•	400	0.558	24
MV 65 191	•	500	0.69	24
MV 65 196		600	0.844	30
MV 65 197		800	1.124	6
MV 65 192		1000	1.4	6
MV 65 198		1,500	2.108	6
MV 65 193	•	2,000	2.8	6
MV 65 194		3,000	4.185	4
<b>FINISHING: HP</b>				
MV 65 790		200	0.28	50
MV 65 795		400	0.558	24
MV 65 791		500	0.69	24
MV 65 796		600	0.844	30
MV 65 797		800	1.124	6
MV 65 792		1000	1.4	6
MV 65 798		1,500	2.108	6
MV 65 793		2,000	2.8	6
MV 65 794		3,000	4.185	4
<b>FINISHING: INOX 304L</b>				
MV 65 690		200	0.28	50
MV 65 695		400	0.558	24
MV 65 691		500	0.69	24
MV 65 692		1000	1.4	6
MV 65 693		2,000	2.8	6
MV 65 694		3,000	4.185	4
<b>FINISHING: INOX 316L</b>				
MV 65 890		200	0.28	50
MV 65 895		400	0.558	24
MV 65 891		500	0.69	24
MV 65 892		1000	1.4	6
MV 65 893		2,000	2.8	6
MV 65 894		3,000	4.185	4

**NOTE:** Available in Epoxy on request.

Fastens to the C40 ceiling support via snap-on system and CSUG universal notched bracket.



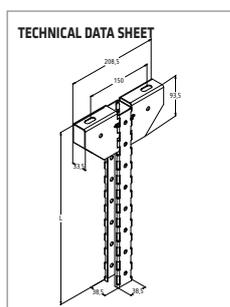
# SP Range Supports and accessories



MV 63 155

## PRE-ASSEMBLED C40 SUPPORT

Code	Product in stock	Length (mm)	Allowable torque daN.m	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 63 155	●	400	20	1.072	20
MV 63 151	●	500	20	1.213	20
MV 63 156	●	600	18	1.354	10
MV 63 157	●	800	18	1.634	8
MV 63 152	●	1000	14.5	1.916	6
MV 63 158	●	1,500		2.618	1
<b>FINISHING: HP</b>					
MV 63 755		400	20	1.072	20
MV 63 751		500	20	1.213	20
MV 63 756		600	18	1.354	10
MV 63 757		800	18	1.634	8
MV 63 752		1000	14.5	1.916	6
MV 63 758		1,500		2.618	1



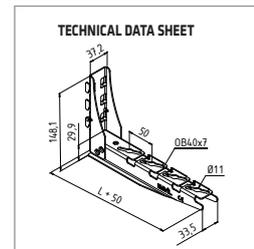


MV 60 190

**UNIVERSAL BRACKET WITH CSUG CLIPS**

Code	Product in stock	Length (mm)	Max load (kg/bracket)	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 60 190	•	100	140	0.26	24
MV 60 191	•	150	112	0.31	24
MV 60 192	•	200	70	0.36	24
MV 60 194	•	300	80	0.54	12
MV 60 195	•	400	70	0.66	28
MV 60 196		500	110	0.92	28
MV 60 197		600	95	1.04	28
<b>FINISHING: HP</b>					
MV 60 790		100	140	0.26	24
MV 60 791		150	112	0.31	24
MV 60 792		200	70	0.36	24
MV 60 794		300	80	0.54	12
MV 60 795		400	70	0.66	28
MV 60 796		500	110	0.92	28
MV 60 797		600	95	1.04	28
<b>FINISHING: INOX 304L</b>					
MV 60 690		100	140	0.26	24
MV 60 691		150	112	0.31	24
MV 60 692		200	70	0.36	24
MV 60 694		300	80	0.54	12
MV 60 695		400	70	0.66	28
MV 60 696		500	110	0.92	28
MV 60 697		600	95	1.04	28
<b>FINISHING: INOX 316L</b>					
MV 60 890		100	140	0.26	24
MV 60 891		150	112	0.31	24
MV 60 892		200	70	0.36	24
MV 60 894		300	80	0.54	12
MV 60 895		400	70	0.66	28
MV 60 894		300	80	0.54	12
MV 60 895		400	70	0.66	28
MV 60 896		500	110	0.92	28
MV 60 897		600	95	1.04	28

**NOTE:** For 500 and 600 mm lengths, use a MV51x22 welded coupler counter plate to secure the BFR.  
 Fastens to C40 Pluriel profile or pre-assembled C40 ceiling support via snap-on system.  
 Brackets should preferably be positioned on the open side of the profile.  
 Brackets on the other sides divide the allowable load by 2.  
 Available in Epoxy on request.



**CSU UNIVERSAL SUPPORTS**

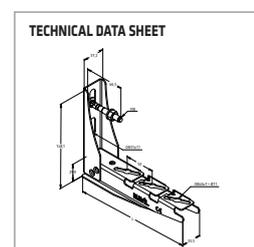


MV 60 170

**CSUM WALL MOUNTED UNIVERSAL BRACKET WITH BUILT-IN FIXING**

Code	Length (mm)	Max load (kg/bracket)	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 60 170	100	140	0.28	32
MV 60 171	150	112	0.36	28
MV 60 172	200	70	0.39	25
MV 60 174	300	80	0.56	24
MV 60 175	400	70	0.68	28

**NOTE:** ready-to-install solution for worksites: the CSUM wall bracket comes pre-assembled with integrated fixing.  
 - 20% time savings when installing a cable tray on a wall.  
 - Fewer references to manage in preparation, logistics and implementation on the site.  
 - Assurance of having the most suitable connection.



# SP Range Supports and accessories



MV 60 180

## CSUM WALL MOUNTED UNIVERSAL BRACKET

Code	Product in stock	Length (mm)	Max load (kg/bracket)	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 60 180	•	100	140	0.255	40
MV 60 181	•	150	112	0.305	30
MV 60 182	•	200	70	0.356	25
MV 60 184	•	300	80	0.531	24
MV 60 185	•	400	70	0.649	28
MV 60 186		500	110	0.864	28
MV 60 187		600	95	0.979	28
<b>FINISHING: HDG</b>					
MV 60 280	•	100	140	0.255	40
MV 60 281		150	112	0.305	30
MV 60 282	•	200	70	0.356	25
MV 60 284	•	300	80	0.531	24
MV 60 285		400	70	0.649	28
MV 60 286		500	110	0.864	28
MV 60 287		600	95	0.979	28
<b>FINISHING: HP</b>					
MV 60 780		100	140	0.255	40
MV 60 781		150	112	0.305	30
MV 60 782		200	70	0.356	25
MV 60 784		300	80	0.531	24
MV 60 785		400	70	0.649	28
MV 60 786		500	110	0.864	28
MV 60 787		600	95	0.979	28
<b>FINISHING: INOX 304L</b>					
MV 60 680		100	140	0.255	40
MV 60 681		150	112	0.305	30
MV 60 682		200	70	0.356	25
MV 60 684		300	80	0.531	24
MV 60 685		400	70	0.649	28
MV 60 686		500	110	0.864	28
MV 60 687		600	95	0.979	28
<b>FINISHING: INOX 316L</b>					
MV 60 880		100	140	0.255	40
MV 60 881		150	112	0.305	30
MV 60 882		200	70	0.356	25
MV 60 884		300	80	0.531	24
MV 60 885		400	70	0.649	28

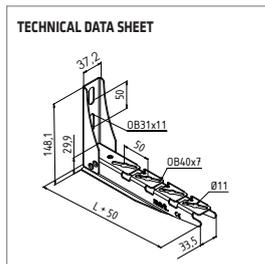
**NOTE:** system compatible with BFR wire mesh and BRN or BRX steel cable tray. The two 31x11 oblong holes at the flange enable precise adjustment of the installation height.

Folding tab system for quick attachment to BFR wire.

Fastens to BRN or BRX with MV66101 Ez or MV66201 Gc 6x14 bolt.

For 500 and 600 mm lengths, use a MV51422 Ez and MV51222 Gc welded coupler counter plate.

Can also be used as a ceiling support.





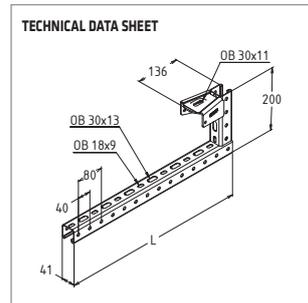


MV 63 450

## C-SHAPED 41X41 CEILING BRACKET

Code	Length (mm)	daN	Kg/u	Packing details
<b>FINISHING: EZ</b>				
MV 63 450	560	110	1.785	8
MV 63 451	640	95	1.949	8
<b>FINISHING: HDG</b>				
MV 63 250	560	110	1.785	8
MV 63 251	640	95	1.949	8

**NOTE:** Quick attachment to BFR wire mesh using two FILMASTRUT accessories. Fastens to BRN or BRX with MV66101 Ez or MV66201 Gc 6x14 M bolt.



## BOLTS FOR CSU SUPPORTS



MV 66 113

Code	Description	Dimension	Packing details
<b>FINISHING: EZ</b>			
MV 66 113	Screw hex. head	M10x20	100
MV 66 409	Screw hex. head	M 10x80	100
<b>FINISHING: EZ / Z275</b>			
MV 66 474	LL 10 washer	M10	100
MV 64 153	Bracket spacer		56
<b>FINISHING: GEOMET</b>			
MV 66 213	Screw hex. head	M10x20	100
MV 66 209	Screw hex. head	M 10x80	100
<b>FINISHING: GEOMET/HDG</b>			
MV 66 274	LL 10 washer	M10	100
MV 64 253	Bracket spacer		56
<b>FINISHING: INOX 316L</b>			
MV 66 813	Screw hex. head	M10x20	50
MV 66 809	Screw hex. head	M 10x80	50
MV 66 874	LL 10 washer	M10	50/100
MV 64 853	Bracket spacer		56

### TECHNICAL DATA SHEET

To assemble a CSUM bracket on the flat side of the CSUM ceiling support, use 1 HM10x20 bolt (MV66x13)

To assemble a CSUM bracket on the hollow side of the CSUM ceiling support, use 2 HM10x80 bolts (MV66x09) + 1 CSU wedge (MV64153)

To assemble 2 CSUM brackets on each side of a single CSUM ceiling support, use 2 HM10x80 bolts (MV66x09) + 1 CSU wedge (MV64153)

To assemble 2 CSUM brackets on each side of a double CSUM ceiling support, use 2 HM10x80 bolts (MV66x09)

To assemble a CSUM bracket on a STRUT or MAVISTRUT profile, use 1 41 M10 nut + 1 HM10x25 screw + 1 LL10 wide washer (MV66x74) or 1 CSU wedge (MV64153)

## HEAVY LOAD SUPPORTS

### MAVISTRUT TYPE HEAVY LOAD SUPPORTS



MV 81 413

#### MAVISTRUT NOTCHED SUPPORT

Code	Description	Type	Length (mm)	Allowable torque daN.m	Fixing center distance	Kg/u	Packing details
<b>FINISHING: EZ</b>							
MV 81 415	41x41 support	Single	550	57	155	1.727	10
MV 81 418	41x41 support	Single	790	57	155	2.269	6
MV 81 421	41x41 support	Single	1,030	57	155	2.812	6
MV 81 427	41x41 support	Single	1510	57	155	3.897	1
MV 81 465	41x41 support	Double	550	73	195	3.014	6
MV 81 468	41x41 support	Double	790	73	195	4.104	6
MV 81 471	41x41 support	Double	1,030	73	195	5.19	5
MV 81 477	41x41 support	Double	1510	73	195	7.365	1
<b>FINISHING: HDG</b>							
MV 81 215	41x41 support	Single	550	57	155	1.727	10
MV 81 218	41x41 support	Single	790	57	155	2.269	6
MV 81 221	41x41 support	Single	1,030	57	155	2.812	6
MV 81 227	41x41 support	Single	1510	57	155	3.897	1
MV 81 265	41x41 support	Double	550	73	195	3.014	6
MV 81 268	41x41 support	Double	790	73	195	4.104	6
MV 81 271	41x41 support	Double	1,030	73	195	5.19	5
MV 81 277	41x41 support	Double	1510	73	195	7.365	1

**NOTE:** Available in Epoxy on request.  
MAVISTRUT snap-on bracket assembling.

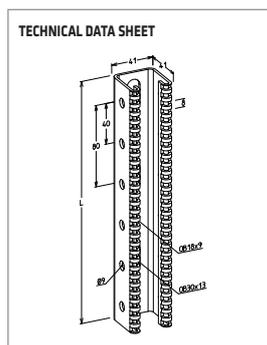


MV 65 174

#### MAVISTRUT NOTCHED PROFILE

Code	Description	Length (mm)	Thickness (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 65 174	41x41 notched profile	1,030	2.5	2.346	4
MV 65 175	41x41 notched profile	1,990	2.5	4.516	4
MV 65 176	41x41 notched profile	3,030	2.5	6.867	4
<b>FINISHING: HDG</b>					
MV 65 274	41x41 notched profile	1,030	2.5	2.346	4
MV 65 275	41x41 notched profile	1,990	2.5	4.516	4
MV 65 276	41x41 notched profile	3,030	2.5	6.867	4
MV 68 255	41x41 notched double profile	3,030	2.5	13.734	1

**APPLICATIONS:** Profiles for use on a wall or with support.  
Available in Epoxy on request.



# SP Range Supports and accessories



MV 61 100

## MAVISTRUT SNAP-FITTING BRACKET

Code	Product in stock	Length (mm)	Max load (kg/bracket)	Height (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>						
MV 61 100	•	145	110	82.5	0.218	50
MV 61 101	•	245	100	82.5	0.402	36
MV 61 102	•	345	100	82.5	0.586	25
MV 61 103		445	171	123	1.087	16
MV 61 104		545	150	123	1.407	14
MV 61 105		595	121	123	1.57	14
MV 61 106		645	112	123	1.733	14
<b>FINISHING: HDG</b>						
MV 61 200		145	110	82.5	0.218	50
MV 61 201		245	100	82.5	0.402	36
MV 61 202		345	100	82.5	0.586	25
MV 61 203		445	171	123	1.087	16
MV 61 204		545	150	123	1.407	14
MV 61 205		595	121	123	1.57	14
MV 61 206		645	112	123	1.733	14

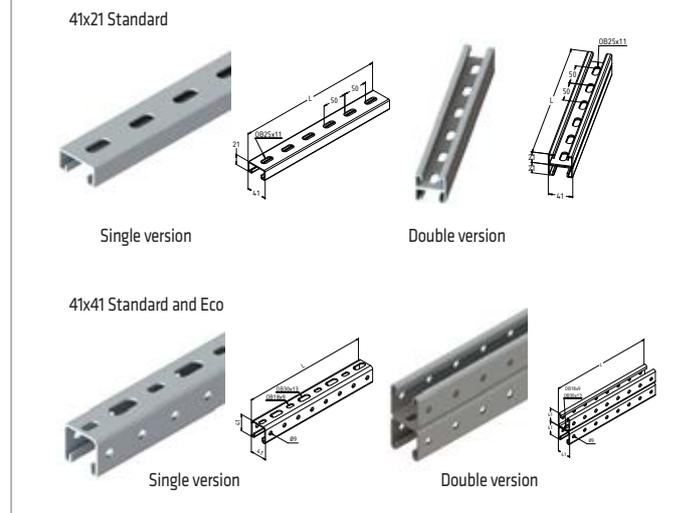
**APPLICATIONS:** Mounting brackets onto the MAVISTRUT support via snap-on system. Quick attachment to BFR via folding tab system. Fastens to BRN or BRX with MV66100 M6x10 bolt in 36x7 oblong hole. Instructions for mounting snap-on brackets on notched profile: 5 notches at the top and bottom of the profile. Available in Epoxy on request.

## 41 SMOOTH STRUT PROFILE

Code	Product in stock	Type	Thickness (mm)	Length (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>						
MV 68 110	•	41x21	2	3,000	4.294	4
MV 68 105	•	41x41	2.5	3,030	7.486	4
MV 68 115	•	41x41 ECO	2	3,000	5.652	4
<b>FINISHING: HDG</b>						
MV 68 210	•	41x21	2	3,000	4.294	4
MV 68 205	•	41x41	2.5	3,030	7.486	4
MV 68 215	•	41x41 ECO	2	3,040	5.652	4
MV 68 230		41x21 Double	2	3,000	8.588	
MV 68 225		41x41 Double	2	3,030	14.972	1



### TECHNICAL DATA SHEET

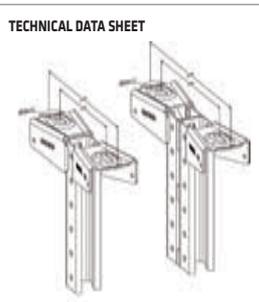




MV 80 418

**STRUT SMOOTH CEILING SUPPORT**

Code	Type	Length (mm)	Allowable torque daN.m	Kg/u	Fixing center distance	Packing details
<b>FINISHING: EZ</b>						
MV 80 412	41x41	310	100	1.269	155	12
MV 80 413	41x41	390	100	1.473	155	14
MV 80 415	41x41	550	100	1.879	155	10
MV 80 416	41x41	630	100	2.083	155	10
MV 80 418	41x41	790	100	2.49	155	6
MV 80 420	41x41	950	100	2.896	155	6
MV 80 426	41x41	1430	100	4.116	155	1
MV 80 433	41x41	1,990	100	5.54	155	1
<b>FINISHING: HDG</b>						
MV 80 212	41x41	310	100	1.269	155	12
MV 80 213	41x41	390	100	1.473	155	14
MV 80 215	41x41	550	100	1.879	155	10
MV 80 216	41x41	630	100	2.083	155	10
MV 80 218	41x41	790	100	2.49	155	6
MV 80 220	41x41	950	100	2.896	155	6
MV 80 226	41x41	1430	100	4.116	155	1
MV 80 233	41x41	1,990	100	5.54	155	1
MV 80 265	41x41 Double	550	150	3.557	195	6
MV 80 266	41x41 Double	630	150	3.993	195	6
MV 80 267	41x41 Double	710	150	4.428	195	6
MV 80 295	41x41 Double	790	150	16.648	195	1
MV 80 268	41x41 Double	950	150	4.864	195	6
MV 80 270	41x41 Double	1430	150	5.733	195	5
MV 80 276	41x41 Double	1,990	150	8.349	195	1
MV 80 283	41x41 Double	2950	150	11.403	195	1



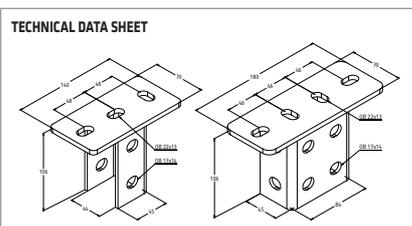
**CEILING SUPPORT TO BE BOLTED FOR MAVISTRUT/STRUT**



MV 64 273

Code	Product in stock	Type	Suitable for	Kg/u	Allowable torque daN.m	Packing details
<b>FINISHING: EZ</b>						
MV 64 473	•	Ceiling support to be bolted	41 single support	1.01	100	12
MV 66 429	•	Kit: 2 x HM12x35 screws + 2 x M12 flat washers + 2 x M12 41 profile nuts		0.2		100
<b>FINISHING: HDG</b>						
MV 64 273	•	Ceiling support to be bolted	41 single support	1.01	100	12
MV 64 274	•	Ceiling support to be bolted	41 double support	1.29	150	16
MV 66 229	•	Kit: 2 x HM12x35 screws + 2 x M12 flat washers + 2 x M12 41 profile nuts		0.2		100

NOTE: Use 1 kit to mount a single support and two kits to mount a double support.



# SP Range Supports and accessories

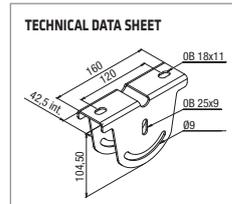


MV 64 155

## ADJUSTABLE CEILING SUPPORT FOR MAVISTRUT/STRUT

Code	Product in stock	Type	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 64 155	•	Adjustable support	0.504	10
<b>FINISHING: HDG</b>				
MV 64 255		Adjustable support	0.504	10
MV 64 256		Spacer	0.051	100
MV 66 208		HM8x60 bolt + 2 x M8 washers	3.8	100
<b>FINISHING: EZ</b>				
MV 66 408	•	HM8x60 bolt + 2 x M8 washers	3.8	100

**NOTE:** Use a support + 1 spacer + 2 bolts.



## SUPPORTS

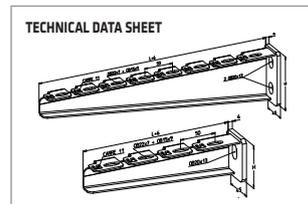


MV 61 294

## WALL BRACKETS

Code	Length (mm)	Max load (kg/bracket)	Height (mm)	Kg/u	Packing details
<b>FINISHING: HDG</b>					
MV 61 290	100	200	51	0.19	32
MV 61 292	200	200	61	0.357	16
MV 61 294	300	200	71	0.62	24
MV 61 295	400	200	96	0.926	16
MV 61 296	500	200	116	1.245	10
MV 61 297	600	200	134.5	1.592	12

**NOTE:** Fastens to the wall with M10 stud (MV66497) or on a ceiling support with M12x35 screws and M12 spring nut. Quick attachment to BFR via folding tab system / to BRN or BRX in 22x7 oblong hole with MV66100 M6 bolt. Loads are provided in wall-mounting position. Starting at length 400, the flange has two 20x13 oblong holes.



MV 61 235

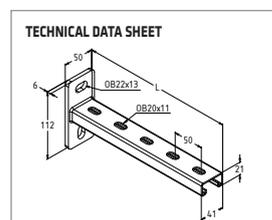
## 41X21 BRACKET

Code	Product in stock	Length (mm)	Max load (kg/bracket)	Kg/u	Packing details
<b>FINISHING: EZ</b>					
MV 61 435	•	150	200	0.523	36
MV 61 436	•	250	180	0.686	23
MV 61 437	•	350	125	0.847	16
MV 61 438	•	450	100	1.112	22
<b>FINISHING: HDG</b>					
MV 61 235		150	200	0.523	36
MV 61 236		250	180	0.686	23
MV 61 237		350	125	0.847	16
MV 61 238		450	100	1.112	22

**NOTE:** Fastens to the wall or to the MAVISTRUT/STRUT ceiling support with M12x35 screw and M12 spring nut. Loads are provided in wall-mounting position.

BFR secured onto the bracket with FILMASTRUT, no screw or bolts required. BRN or BRX secured onto the bracket with TRL screw, diam. 6, and 41 M6 nut.

Note: 22x13 oblong. When the bracket is used to install the BRN or BRX plate, it is imperative to add one Ø6 wide flat washer per bolt (MV66475 for Z275 or MV66275 for HDG).





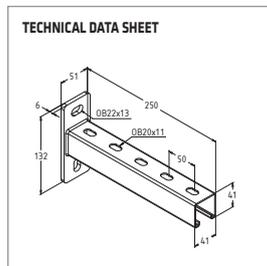
MV 61 247

**41X41 SINGLE FLAT BRACKET**

Code	Product in stock	Length (mm)	Kg/u	Max load (kg/bracket)	Packing details
<b>FINISHING: EZ</b>					
MV 61 447	•	150	0.596	882	20
MV 61 448	•	250	0.805	558	20
MV 61 449	•	350	1.014	408	15
MV 61 450	•	450	1.223	321	15
MV 61 451	•	550	1.432	265	12
MV 61 452	•	650	1.64	225	12
<b>FINISHING: HDG</b>					
MV 61 247		150	0.596	882	20
MV 61 248		250	0.805	558	20
MV 61 249	•	350	1.014	408	15
MV 61 250	•	450	1.223	321	15
MV 61 251	•	550	1.432	265	12
MV 61 252	•	650	1.64	225	12

**NOTE:** Fastens to the wall or to the MAVISTRUT/STRUT ceiling support with M12x35 screw and M12 spring nut. Loads are provided in wall-mounting position. BFR secured onto the bracket with FILMASTRUT, no screw or bolts required. BRN or BRX secured onto the bracket with TRL screw, diam. 6, and 41 M6 nut. Available in Epoxy on request.  
Note: 22x13 oblong hole

When the bracket is used to install the BRN or BRX plate, it is imperative to add a Ø6 wide flat washer per bolt (MV66475 for 2275 or MV66275 for HDG)

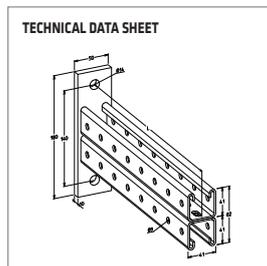


MV 61 255

**41X41 DOUBLE FLAT BRACKET**

Code	Length (mm)	Max load (kg/bracket)	Kg/u	Packing details
<b>FINISHING: HDG</b>				
MV 61 253	320	820	2.278	1/10
MV 61 254	400	670	2.712	1/8
MV 61 255	500	450	3.583	8
MV 61 256	600	380	4.018	6

**NOTE:** Fastens to the wall or to the MAVISTRUT/STRUT ceiling support with M12x35 screw and M12 spring nut. Loads are provided in wall-mounting position. BFR attachment to the bracket with TRL screw diam. 6 + 41 M6 nut + universal coupler counter plate. BRN or BRX secured onto the bracket with TRL screw, diam. 6, and 41 M6 nut.



MV 64 732

**MAVISTRUT END CAPS**

Code	Product in stock	Suitable for	Packing details
<b>FINISHING: PVC</b>			
MV 64 732	•	41x21 profile	25/1000
MV 64 742	•	41x41 profile	25/1000

## LINK PARTS FOR STRUT AND MAVISTRUT PROFILES



MV 60 125

### 41X41 PROFILE BRACKET

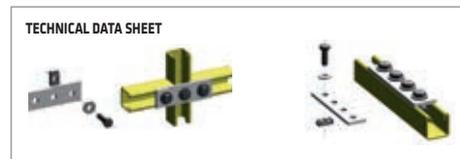
Code	daN.m	Packing details
<b>FINISHING: Z275</b>		
MV 60 125	10	10



MV 64 232

### RECTANGLE

Code	Type	Kg/u	Packing details
<b>FINISHING: HDG</b>			
MV 64 231	3 holes	0.22	10
MV 64 232	4 holes	0.29	10



MV 64 225

### 41X41 PROFILE SLEEVE

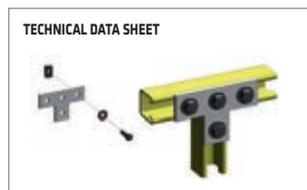
Code	Product in stock	Kg/u	Packing details
<b>FINISHING: HDG</b>			
MV 64 225	•	1.006	10



MV 64 233

### 4-HOLES T

Code	Kg/u	Packing details
<b>FINISHING: HDG</b>		
MV 64 233	0.35	10





MV 64 234

**45° ANGLE BRACKET**

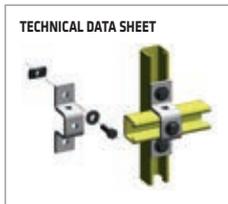
Code	Kg/u	Packing details
<b>FINISHING: HDG</b>		
MV 64 234	0.24	10



MV 64 236

**OMEGA**

Code	Type	Kg/u	Packing details
<b>FINISHING: HDG</b>			
MV 64 246	41x41 S	0.35	10



MV 64 248

**Z**

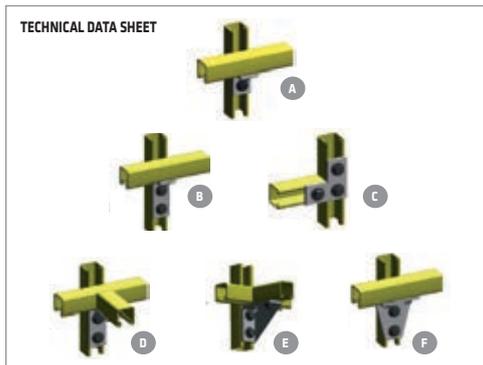
Code	Type	Kg/u	Packing details
<b>FINISHING: HDG</b>			
MV 64 237	41x41 S	0.2	10



MV 64 244

**ANGLE BRACKET**

Code	Type	Kg/u	Packing details
<b>FINISHING: HDG</b>			
MV 64 244	2 holes	A	0.16
MV 64 247	3 holes	B	0.24
MV 64 242	3 holes flat	C	0.23
MV 64 245	4 holes	D	0.31
MV 64 238	4 holes reinforced	E	0.42
MV 64 239	4 holes triangle	F	0.43



## TRISIGMA SUPPORTS FOR VERY HEAVY LOADS



MV 61 111

### TRISIGMA L 121 BRACKET

Code	Length (mm)	Max load (kg/bracket)	Height (mm)	Kg/u	Packing details
<b>FINISHING: Z275</b>					
MV 61 111	245	130	125	0.76	12
MV 61 112	345	130	125	0.967	16
MV 61 113	445	171	165	1.281	15
MV 61 114	545	150	165	1.451	14
MV 61 115	600	121	165	1.574	10

**NOTE:** Available in Epoxy on request.

#### TECHNICAL DATA SHEET



MV 63 133

### TRISIGMA L 121 CEILING SUPPORT

Code	Length (mm)	Allowable torque daN.m	Kg/u	Packing details
<b>FINISHING: Z275</b>				
MV 63 130	1000	450	4.982	10
MV 63 133	2500	380	11.013	10

**NOTE:** The bracket attaches via HM 10x30 bolt.  
Available in Epoxy on request.

#### TECHNICAL DATA SHEET



## PARTS FOR USE ON METAL FRAME



MV 64 271

### INSIDE C BEAM CLAMP

Code	Kg/u	Regulation field	Supplied with	Packing details
<b>FINISHING: HDG</b>				
MV 64 271	0.19	0 to 14 mm	HM10x40 set screw	10

#### TECHNICAL DATA SHEET





MV 64 270

**OUTSIDE C BEAM CLAMP**

Code	Kg/u	Regulation field	Supplied with	Packing details
<b>FINISHING: HDG</b>				
MV 64 270	0.43	0 to 14 mm	HM10x40 set screw	10

NOTE: On request only.



MV 64 272

**BEAM CLAMP**

Code	Product in stock	Kg/u	Regulation field	Packing details
<b>FINISHING: HDG</b>				
MV 64 272	•	0.12	0 to 14 mm	10

NOTE: Bolts not included.



MV 64 475

**CENTER SUSPENSION CLAMP**

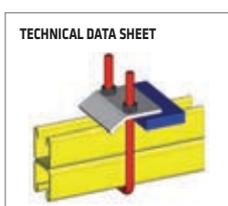
Code	Product in stock	Dimension	Kg/u	Clamping range	Supplied with	daN	Packing details
<b>FINISHING: EZ</b>							
MV 64 475	•	M8	0.13	0 to 20 mm	HM8 screw + M8 nut	120	10
MV 64 476	•	M10	0.22	0 to 20 mm	HM10 screw + M10 nut	250	10
MV 64 477		M12	0.32	0 to 20 mm	HM12 screw + M12 nut	340	10



MV 64 263

**BRACKET CLAMP AND M10 NUT SET**

Code	Product in stock	Dimension	Kg/u	Clamping range	Supplied with	For profile	Packing details
<b>FINISHING: GEOMET</b>							
MV 64 263	•	M10x65	0.36	0 to 14 mm	M10 nut	41x21S	10
MV 64 264	•	M10x110	0.4	0 to 14 mm	M10 nut	41x41S / 41x21D / BFR universal fastener	10
MV 64 265		M10x150	0.44	0 to 14 mm	M10 nut	41x41D	10



# SP Range Supports and accessories



MV 64 214

## IPN CLAMP FOR STATIC LOADS

Code	Product in stock	Dimension	Max load	Finishing	For threaded shaft	Packing details
MV 64 214	•	2-6 mm M6	65	Deltatone	M6	100
MV 64 216	•	5-13 mm M6	65	Deltatone	M6	100
MV 64 215		2-6 mm M8	65	Deltatone	M8	100
MV 64 217		5-13 mm M8	65	Deltatone	M8	100

**NOTE:** Quick to install by hand or with hammer.  
Single-use clip, cannot be repositioned.



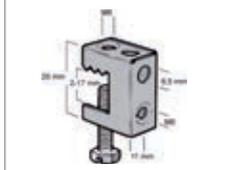
MV 64 204

## IPN CLEAT FOR STATIC LOADS

Code	Product in stock	Dimension	Max load	Finishing	Diameter (mm)	Packing details
MV 64 204	•	2-18 mm Ø 6 mm	55	Deltatone	6	100
MV 64 205	•	2-18 mm Ø 10 mm	55	Deltatone	10	100

**NOTE:** Tighten with wrench or screwdriver.  
Single-use clip, cannot be repositioned.

### TECHNICAL DATA SHEET



MV 64 206

## IPN TIGER FASTENER FOR STATIC LOADS

Code	Dimension	Max load	Finishing	For IPN	Packing details
MV 64 206	2-8 mm	120	Magni	2-8 mm	100/500
MV 64 207	9-16 mm	120	Magni	9-16 mm	100/500

**NOTE:** Quick to install by hand or with hammer.  
Single-use clip, cannot be repositioned.



MV 64 208

## IPN HOOK-ALL FOR STATIC LOADS

Code	Product in stock	Length (mm)	Max load (kg/bracket)	Packing details
<b>FINISHING: EZ</b>				
MV 64 208	•	400	See technical data sheet	1/25
MV 64 209	•	600	See technical data sheet	1/25

## SUSPENSIONS WITH STEEL CABLE

### SUSPENSION BY LOOP



MV 64 596

#### WITH CABLE AND ROLLER

Code	Length (mm)	Max load daN	Kg/u	Packing details
<b>FINISHING: Z</b>				
MV 64 594	1000	45	0.045	10/200
MV 64 595	2,000	45	0.063	10/150
MV 64 596	3,000	45	0.078	10/100
MV 64 597	5000	45	0.113	10/80



MV 64 394

#### WITH CABLE AND TRAPEZE

Code	Length (mm)	Max load daN	Kg/u	Packing details
<b>FINISHING: Z</b>				
MV 64 894	1000	45	0.063	10/200
MV 64 895	2,000	45	0.074	10/150
MV 64 896	3,000	45	0.085	10/100

### SUSPENSION BY SCREW ENDS



MV 64 694

#### WITH CABLE AND ROLLER

Code	Length (mm)	Max load daN	Kg/u	Packing details
<b>FINISHING: Z</b>				
MV 64 694	1000	45	0.087	10/150
MV 64 695	2,000	45	0.103	10/100
MV 64 696	3,000	45	0.118	10/100

**NOTE:** M8 screw.  
Anchor pin included.  
Drilling diameter: 10 mm.



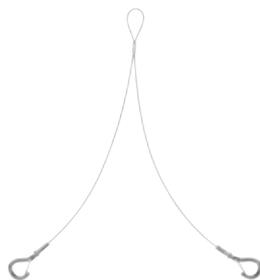
MV 64 494

#### WITH CABLE AND TRAPEZE

Code	Length (mm)	Max load daN	Kg/u	Packing details
<b>FINISHING: Z</b>				
MV 64 494	1000	45	0.087	10/150
MV 64 495	2,000	45	0.103	10/100
MV 64 496	3,000	45	0.118	10/100

**NOTE:** M8 screw.  
Anchor pin included.  
Drilling diameter: 10 mm.

## ACCESSORIES



MV 64 388

### Y ACCESSORIES WITH ENDS

Code	Length (mm)	Max load daN	Kg/u	Suitable for	Packing details
<b>FINISHING: Z</b>					
MV 64 387	150	45		BFR	10/200
MV 64 388	300	45		BFR	10/200
MV 64 389	500	45		BFR	10/200
MV 64 487	150	45		BRN / BRX	10/100
MV 64 488	300	45		BRN / BRX	10/80



MV 64 794

### HORIZONTAL STRUCTURE BY TAUGHT CABLE AND SUSPENSIONS

Code	Length (mm)	Max load daN	Kg/u	Type	Packing details
<b>FINISHING: Z</b>					
MV 640 90	6,000	100	1.26	Horizontal cable diameter 6 mm + 2 blocking rollers	1/5
MV 64 091	10,000	100	1.9	Horizontal cable diameter 6 mm + 2 blocking rollers	1/5
MV 64 092	20,000	100	3.5	Horizontal cable diameter 6 mm + 2 blocking rollers	1/2
MV 64 093	30,000	100	5.1	Horizontal cable diameter 6 mm + 2 blocking rollers	1/2
MV 64 794	1000	100	0.113	Suspension kit under horizontal cable by clip+ cable+roller	10/80
MV 64 795	2,000	45	0.13	Suspension kit under horizontal cable by clip+ cable+roller	10/60
MV 64 796	3,000	45	0.143	Suspension kit under horizontal cable by clip+ cable+roller	10/50
MV 64 797	5000	45	0.177	Suspension kit under horizontal cable by clip+ cable+roller	10/50



MV 64 099

### ACCESSORIES FOR HORIZONTAL STRUCTURE

Code	Type	Packing details
<b>FINISHING: Z</b>		
MV 64 499	Torque tensioning tool	1
MV 64 399	Anchoring plate 4 holes 100x100x4.8	1/30
MV 64 094	IPE-IPN anchoring kit thickness 6-13 mm M12	1/15
MV 64 095	IPE-IPN anchoring kit thickness 8-16 mm M12	1/10
MV 64 096	IPE-IPN anchoring kit thickness 10-19 mm M12	1/10
MV 64 099	Concrete anchoring hook diam. 8 mm	100/1000

## BOLTS AND FIXING ACCESSORIES

### BOLTS



MV 66 162

### THREADED ROD - 1 METER

Code	Product in stock	Ø (mm)	Kg/u	Packing details
<b>FINISHING: EZ</b>				
MV 66 161	•	6	0.14	1
MV 66 162	•	8	0.3	1
MV 66 163		10	0.5	1
MV 66 164		12	0.7	1
<b>FINISHING: INOX 304L</b>				
MV 66 661		6	0.14	1
MV 66 662		8	0.3	1
MV 66 663		10	0.5	1
MV 66 664		12	0.7	1



MV 66 166

**CONNECTOR**

Code	Dimension	Kg/u	Packing details
<b>FINISHING: EZ</b>			
MV 66 166	M6	1.4	50
MV 66 167	M8	1.8	50
MV 66 468	M10	2.2	50
MV 66 469	M12	3	50
<b>FINISHING: INOX 304L</b>			
MV 66 666	M6	1.4	50
MV 66 667	M8	1.8	50
MV 66 668	M10	2.2	50



MV 66 141

**NOTCHED NUT**

Code	Product in stock	Dimension	kg/cardboard	Packing details
<b>FINISHING: EZ</b>				
MV 66 141		M6	0.3	100
MV 66 142		M8	0.5	100
MV 66 143		M10	1.2	100
MV 66 144		M12	0.22	100
<b>FINISHING: GEOMET</b>				
MV 66 241	•	M6	0.3	100
MV 66 242		M8	0.5	100
MV 66 243		M10	1.2	100
MV 66 244		M12	0.22	100
<b>FINISHING: INOX 304L</b>				
MV 66 641		M6	0.3	100
MV 66 642		M8	0.5	50
MV 66 643		M10	1.2	50
MV 66 644		M12	0.22	50



MV 66 147

**NUT HU**

Code	Product in stock	Dimension	kg/cardboard	Packing details
<b>FINISHING: EZ</b>				
MV 66 146		M6	0.22	100/2400
MV 66 147	•	M8	0.5	100
MV 66 148		M10	1.2	100
MV 66 149		M12	1.52	100
<b>FINISHING: GEOMET</b>				
MV 66 246		M6	0.22	100/2400
MV 66 247		M8	0.5	100
MV 66 248		M10	1.2	100
MV 66 249		M12	1.52	100
<b>FINISHING: INOX 304L</b>				
MV 66 646		M6	0.22	50/0
MV 66 647		M8	0.5	50
MV 66 648		M10	1.2	50
MV 66 649		M12	1.52	50

# SP Range Supports and accessories

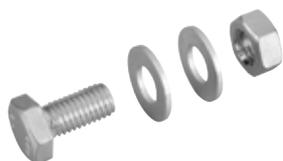


MV 66 176

## WASHER

Code	Product in stock	Finishing	Dimension	Type	kg/cardboard	Packing details
<b>FINISHING: EZ</b>						
MV 66 176	•	EZ	M6	Flat washer	0.12	100
MV 66 177	•	EZ	M8	Flat washer	0.25	100
MV 66 178		EZ	M10	Flat washer	0.5	100
MV 66 431		EZ	M12	Flat washer	0.7	100
MV 66 475		EZ	M6	LL6 flat washer	0.4	100
<b>FINISHING: GEOMET</b>						
MV 66 276		Geomet	M6	Flat washer	0.12	100
MV 66 277		Geomet	M8	Flat washer	0.25	100
MV 66 278		Geomet	M10	Flat washer	0.5	100
MV 66 231	•	Geomet	M12	Flat washer	0.7	100
MV 66 275		Geomet	M6	LL6 flat washer	0.4	100
<b>FINISHING: INOX 304L</b>						
MV 66 676		Inox 304L	M6	Flat washer	0.12	100
MV 66 677		Inox 304L	M8	Flat washer	0.25	50
MV 66 678		Inox 304L	M10	Flat washer	0.5	50
MV 66 675		Inox 304L	M6	LL6 flat washer	0.4	50
MV 66 875		Inox 316L	M6	LL6 flat washer	0.4	50
<b>FINISHING: EZ/Z275</b>						
MV 66 474		EZ/Z275	M10	LL10 flat washer	1.8	100
<b>FINISHING: GEOMET/HDG</b>						
MV 66 274		Geomet/HDG	M10	LL10 flat washer	1.8	100
<b>FINISHING: INOX 316L</b>						
MV 66 874		Inox 316L	M10	LL10 flat washer	1.8	50/100
<b>FINISHING: Z275</b>						
MV 64 179		Z275	M6	Contact washer	0.5	100

## HM TYPE BOLT



MV 66 113

Code	Product in stock	Description	Dimension	Accessories supplied	Kg/u	Packing details
<b>FINISHING: EZ</b>						
MV 66 114		Screw hex. head	M10x30	Nut	4.4	100
MV 66 408	•	Screw hex. head	M8x60	Nut + 2 washers	3.8	100
MV 66 113		Screw hex. head	M10x20	Nut + 2 washers	4.7	100
MV 66 116		Screw hex. head	M10x25	Nut + 2 washers	4.79	100
MV 66 118		Screw hex. head	M10x40	Nut + 2 washers	6.1	100
MV 66 409		Screw hex. head	M 10x80	Nut + 2 washers	9.92	100
MV 66 117		Screw hex. head	M10x110	Nut + 2 washers	12.7	50
MV 66 115		Screw hex. head	M12x30	Nut + 2 washers	6.9	100
<b>FINISHING: GEOMET</b>						
MV 66 214		Screw hex. head	M10x30	Nut	4.4	100
MV 66 213		Screw hex. head	M10x20	Nut + 2 washers	4.7	100
MV 66 216		Screw hex. head	M10x25	Nut + 2 washers	4.79	50/100
MV 66 218		Screw hex. head	M10x40	Nut + 2 washers	6.1	100
MV 66 209		Screw hex. head	M 10x80	Nut + 2 washers	9.92	100
MV 66 217		Screw hex. head	M10x110	Nut + 2 washers	12.7	50/600
MV 66 215		Screw hex. head	M12x30	Nut + 2 washers	6.9	100
<b>FINISHING: HDG</b>						
MV 66 208		Screw hex. head	M8x60	Nut + 2 washers	3.8	100
<b>FINISHING: INOX 316L</b>						
MV 66 808		Screw hex. head	M8x60	Nut + 2 washers	3.8	50/250
MV 66 813		Screw hex. head	M10x20	Nut + 2 washers	4.7	50
MV 66 809		Screw hex. head	M 10x80	Nut + 2 washers	9.92	50

## BOLT + NUT



MV 66 100

Code	Product in stock	Description	Dimension	Accessories supplied	Kg/u	Packing details
<b>FINISHING: EZ</b>						
MV 66 100	•	Pin screw	M6x10	Flanged nut	0.748	100
MV 66 101	•	Pin screw	M6x14	Flanged nut	0.82	100
MV 66 403	•	Pin screw	M6x20	Flanged nut	0.936	100
<b>FINISHING: GEOMET</b>						
MV 66 201	•	Pin screw	M6x14	Flanged nut	0.748	100
MV 66 200	•	Pin screw	M6x10	Flanged nut	0.82	100
MV 66 203	•	Pin screw	M6x20	Flanged nut	0.936	100



MV 66 122

**BOLT TYPE M**

Code	Product in stock	Dimension	Accessories supplied	Kg/u	Packing details
<b>FINISHING: EZ</b>					
MV 66 122	•	M10x30	Nut + washer	4.3	100
MV 66 123		M10x60	Nut + washer	5.75	100
<b>FINISHING: GEOMET</b>					
MV 66 222	•	M10x30	Nut + washer	4.3	100
MV 66 223		M10x60	Nut + washer	5.75	100
<b>FINISHING: INOX 304L</b>					
MV 66 622		M10x30	Nut + washer	4.3	50
MV 66 623		M10x60	Nut + washer	5.75	50
<b>FINISHING: INOX 316L</b>					
MV 66 822		M10x30	Nut + washer	4.3	50/500
MV 66 823		M10x60	Nut + washer	5.75	50/250

NOTE: For assembling of Omega range.

**BOLT TYPE TRL**



MV 66 820

Code	Dimension	Kg/u	Packing details
<b>FINISHING: INOX 316L</b>			
MV 66 835	M6x16	0.9	100/500
MV 66 820	M6x20	0.8	100

**41X21 PROFILE SPRING NUT**



MV 66 152

Code	Dimension	Kg/u	Packing details
<b>FINISHING: EZ</b>			
MV 66 151	M6	3.2	100
MV 66 152	M8	3.2	100
MV 66 153	M10	3.4	100
MV 66 154	M12	3.6	100
<b>FINISHING: HDG</b>			
MV 66 251	M6	3.2	100
MV 66 252	M8	3.2	100
MV 66 253	M10	3.4	100
MV 66 254	M12	3.6	100

**41X41 PROFILE SPRING NUT**



MV 66 156

Code	Dimension	Kg/u	Packing details
<b>FINISHING: EZ</b>			
MV 66 156	M6	3	100
MV 66 157	M8	3.2	100
MV 66 158	M10	3.4	100
MV 66 159	M12	3.6	100
<b>FINISHING: HDG</b>			
MV 66 256	M6	3	100
MV 66 257	M8	3.2	100
MV 66 258	M10	3.4	100
MV 66 259	M12	3.6	100

# SP Range Supports and accessories



MV 66 181

## 41 PROFILE NUT

Code	Product in stock	Dimension	Kg/u	Packing details
<b>FINISHING: EZ</b>				
MV 66 181	•	M6	3.2	100
MV 66 182	•	M8	3.2	100
MV 66 183	•	M10	3.2	100
MV 66 184	•	M12	3.4	100
<b>FINISHING: HDG</b>				
MV 66 281	•	M6	3.2	100
MV 66 282	•	M8	3.2	100
MV 66 283	•	M10	3.2	100
MV 66 232	•	M12	3.4	100



MV 66 486

## 41 PROFILE SPRING NUT

Code	Dimension	Kg/u	Packing details
<b>FINISHING: EZ</b>			
MV 66 485	M6	3	100
MV 66 486	M8	3.2	100
MV 66 487	M10	3.4	100
MV 66 488	M12	3.6	100



MV 66 132

## SCREW HEX. HEAD

Code	Product in stock	Dimension	kg/cardboard	Packing details
<b>FINISHING: EZ</b>				
MV 66 132	•	HM6x20	1.32	100
MV 66 133	•	HM8x25	1.32	100
MV 66 134	•	HM8x40	1.8	100
MV 66 136	•	HM10x25	2.5	100
MV 66 138	•	HM10x50	3.8	100
MV 66 139	•	HM12x35	5.5	100
<b>FINISHING: GEOMET</b>				
MV 66 284	•	HM6x20	1.32	100
MV 66 239	•	HM8x25	1.32	100
MV 66 234	•	HM8x40	1.8	100
MV 66 236	•	HM10x25	2.5	100
MV 66 238	•	HM10x50	3.8	100
MV 66 230	•	HM12x35	5.5	100
MV 66 233	•	HM12x50	7.3	100



MV 66 820

## SCREW TYPE TRL

Code	Dimension	kg/cardboard	Packing details
<b>FINISHING: EZ</b>			
MV 66 471	6x16	1.1	100
MV 66 473	6x25	1.32	100
<b>FINISHING: GEOMET</b>			
MV 66 271	6x16	1.1	100
MV 66 273	6x25	1.32	100

NOTE: The TRL screw is designed for securing cable trays on 41-type brackets, using 41-type nuts.

**FASTENING**


MV 66 496

**ANCHOR BOLT**

Code	Product in stock	Diameter (mm)	Drilling diameter concrete	Length (mm)	Max. thickness of part to be fastened (mm)	daN	Packing details
<b>FINISHING: EZ</b>							
MV 66 495		M6	6	50	5	240	100
MV 66 496	•	M8	8	75	10	430	50
MV 66 497	•	M10	10	95	10	760	50
MV 66 498		M12	12	110	10	1190	20



MV 66 490

**DOWEL**

Code	Diameter (mm)	Drilling diameter concrete	Length (mm)	daN	Packing details
<b>FINISHING: EZ</b>					
MV 66 490	M6	8	30	400	100
MV 66 491	M8	10	30	400	100
MV 66 492	M10	12	40	610	50



MV 66 425

**SELF-TAPPING CONCRETE SCREW**

Code	Ø (mm)	Drilling diameter concrete	Length (mm)	Max. thickness of part to be fastened (mm)	daN	Packing details
<b>FINISHING: EZ</b>						
MV 66 425	6	6	50	10		100/1600
MV 66 426	8	8	100	35	320	50/800
MV 66 427	10	10	100	25	400	50/400
MV 66 428	12	12	100	25	696	25/200

**NOTE:** Installation mode: drill + clean + tighten with wrench until fully locked.  
It is not recommended to reuse the product (disassembling/reassembling).



MV 66 000

**FIX-RAPID QUICK FASTENING**

Code	Ø (mm)	Drilling diameter concrete	Length (mm)	daN	Packing details
<b>FINISHING: Z275</b>					
MV 66 000	6.5	5	66	70	12

**NOTE:** Installation socket included.

# SP Range Supports and accessories



MV 60 472

## MAVIPLATINE PLATE

Code	Length (mm)		daN	Suitable for	Packing details
<b>FINISHING: EZ</b>					
MV 60 470	12	25	90	Concrete	15
MV 60 471	12	68	70	Concrete block	15
MV 60 472	12		90	Beam	5

## OTHERS



MV 64 287

## SUPPORT BASE

Code	Product in stock	Dimension	daN	Kg/u	Packing details
MV 64 287	•	250x130x50	50	1.1	1
MV 64 288		400x130x50	100	1.7	1

**NOTE:** UV-resistant vulcanized rubber base support with 40x20 mm aluminum profile.  
Use 41 nuts + screws of 25 mm max. length.

### TECHNICAL DATA SHEET



MV 64 169

## DRILLED STRIP

Code	Width (mm)	Length (m)	Kg/u	Packing details
MV 64 169	17	25	1.4	1



MV 67 200

## CANISTERS

Code	Type		Packing details
MV 67 300	EPOXY RAL1021	400 ml	1/6
MV 67 301	EPOXY RAL3020	400 ml	1/6
MV 67 302	EPOXY RAL5015	400 ml	1
MV 67 303	EPOXY RAL6029	400 ml	1
MV 67 305	EPOXY RAL9005M	400 ml	1
MV 67 304	EPOXY RAL9010	400 ml	1/6
MV 67 200	GALVANIZED	500 ml	1



MV 67 212

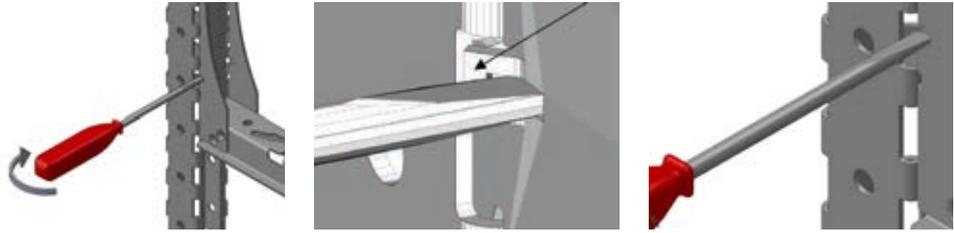
**FIRE PROTECTION**

Code	Type	Kg/u	Packing details
MV 67 000	Fireproof foam cartridge pistol	2.5	1
MV 67 001	Fireproof foam cartridge	0.51	1
MV 67 214	Pair of foam plugs 102		1
MV 67 114	Pair of foam plugs 65		1
MV 67 212	Pair of double PC 102 flanges		1
MV 67 211	Pair of single PC 102 flanges		1
MV 67 213	Pair of triple PC 102 flanges		1
MV 67 112	Pair of double PC 65 flanges		1
MV 67 111	Pair of single PC 65 flanges		1
MV 67 113	Pair of triple PC 65 flanges		1
MV 67 210	102 square cable grommet		6
MV 67 110	65 square cable grommet		6

## ASSEMBLING RECOMMENDATIONS

### FREE-STANDING ASSEMBLING AND WALL MOUNTING

Insert the screwdriver tip into the locking tab and fold the tab down.



**FREE-STANDING ASSEMBLING**  
Non-return



**WALL MOUNTING**

### BRACKET ATTACHMENT

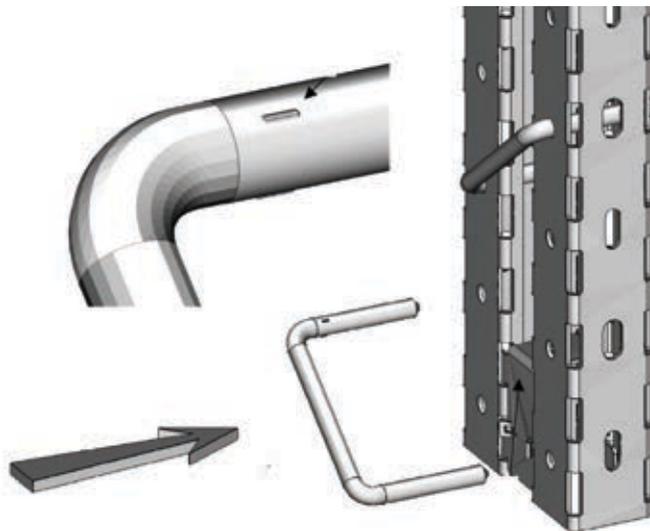
**Brackets are essential for double ceiling supports:**

to secure the structure.

Make sure to push the brackets well over the non-return point.

On double supports only

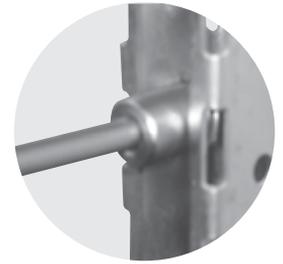
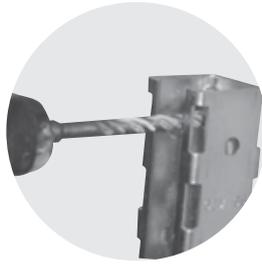
Supports length	No. spacers	No. brackets
0 to 500 mm	2	2
500 to 1,000 mm	3	4
1,000 to 1,500 mm	4	6



**ASSEMBLING RECOMMENDATIONS**

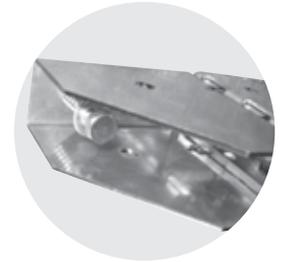
**WALL MOUNTING**

Use a socket holder extender.



**CEILING MOUNTING**

Use a socket holder extender.



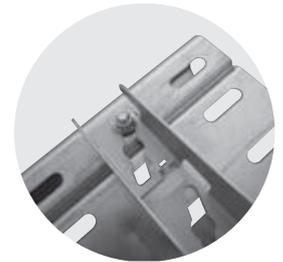
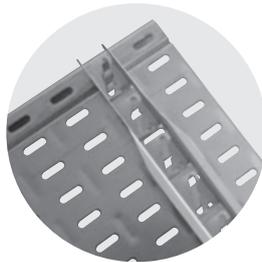
**CT FIXING ON BRACKETS**

**BFR wire mesh cable trays on brackets:**

Insert the screwdriver tip into the locking tab and fold the tab down.

**BRN or BRX cable trays on brackets:**

Use a socket holder extender.

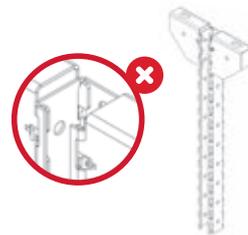
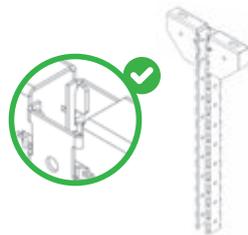


**ASSEMBLING RECOMMENDATIONS**

**Profile positioning on supports:**

Single support.

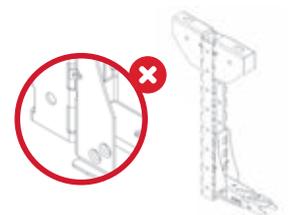
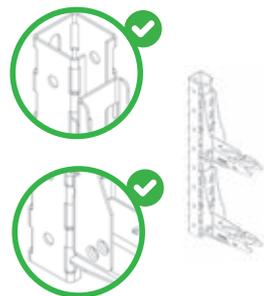
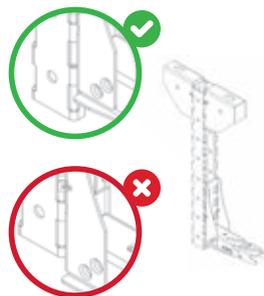
Double support.



**Bracket positioning on profiles:**

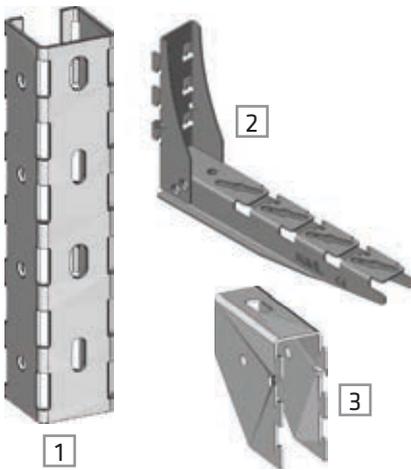
Always leave a free perforation at the ends of the C40 profile when mounting brackets.

The brackets must be installed on the open side of the profile or its opposite.



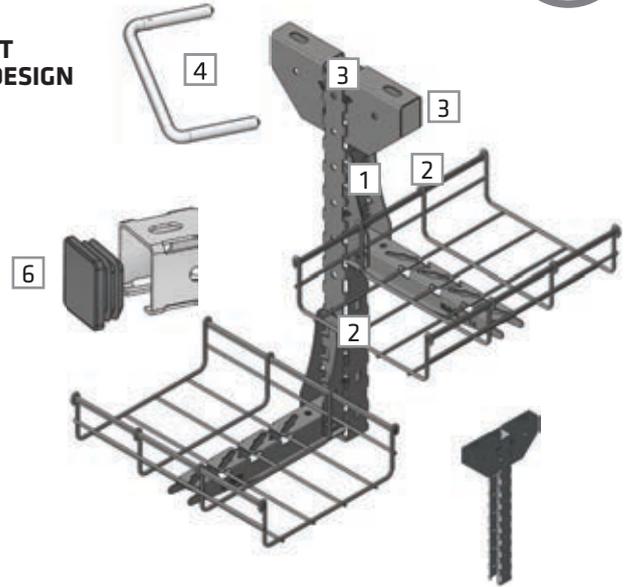


## C40 PLURIEL SUPPORT SYSTEM FOR MEDIUM LOADS



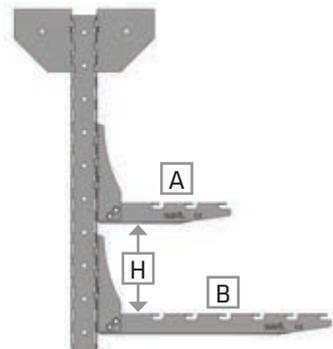
**"MECCANO" TYPE SUPPORT SYSTEM, 100% SNAP-ON DESIGN & MULTI-CONFIGURATION CAPABILITY.**

- 1 Profiles
- 2 Brackets
- 3 Ceiling support
- 4 Locking bracket
- 5 Crosspiece
- 6 Protective end piece
- 7 Crosspiece



**100% SNAP-ON DESIGN!  
NO SCREWS OR BOLTS**

### SUPPORT DEFINITION AND CHOOSING ASSISTANCE WITH THE C40 SYSTEM



Composition of the example above:  
 - 1 x 500 mm profile (15 holes available)  
 - 2 x C40 ceiling support (3 holes occupied)  
 - 1 x 150 mm C40 bracket (4 holes occupied)  
 - 1 x 300 mm C40 bracket (4 holes occupied)

15-3-4-4 remaining = 4 holes available on profile

	N1 Number of perforations occupied on the profile	N2 Overall height (no. of holes)
Ceiling support	3	3
Bracket	4	1
Spacer	2	2

Technical information:

- there must be at least 1 perforation kept free on the profile between 2 brackets
- the profile is perforated at intervals of 34 mm

H (mm)	Number of holes
200	6
400	12
500	15
1000	30
1,500	45
2,000	60

Calculation of the free space "h" between brackets "A" and "B":

- $h = (N1 \text{ bottom bracket} - N2 \text{ bottom bracket} + y) \times 34$
- where "y" represents the number of free perforations on the profile between brackets A and B

In our example:

- $y = 1$  free perforation on the profile between brackets A and B
- N1 bottom bracket = N1 bracket B = 4
- N2 bottom bracket = N2 bracket B = 1
- $h = (4-1+1) \times 34 = 136 \text{ mm}$

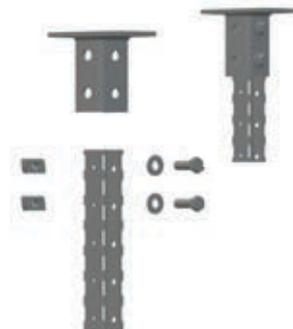
### MULTIPLICATION OF POSSIBILITIES WITH C40 SYSTEM



CSUM wall bracket attachment with 41 nut + screw + M10 washer



Light ceiling support secured with M6 screws (Maximum torque: 10 daN.m for max. length 500 mm)



Bolt-on heavy ceiling support secured with 2 x 41 nuts + 2 screws + 2 x M12 washers (Maximum torque: 20 daN.m for length 500 mm / 14.5 daN.m for length 1000 mm)



**CSU UNIVERSAL BRACKETS**

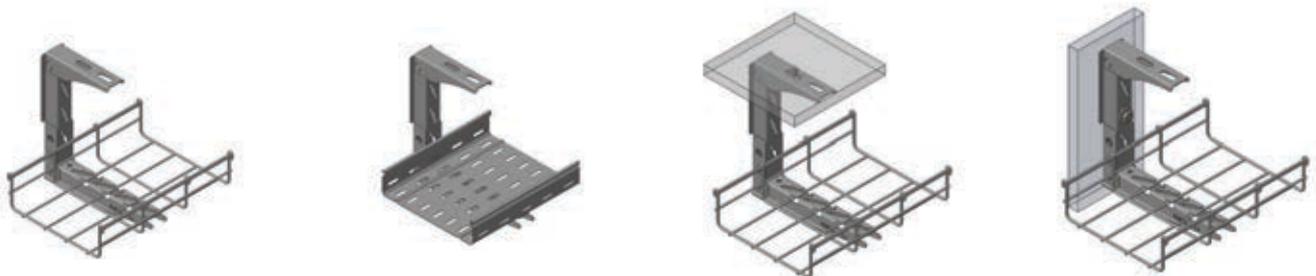
**SOLUTIONS FOR WALL APPLICATIONS: UNIVERSAL WALL BRACKET - CSUM**



**Benefits:**

- Patented MAVIL intelligent system - 100% wire and steel compatible
- BFR wire lock via foldable tab
- Multi-configuration system
- Minimum number of codes for maximum possibilities
- Load resistance capabilities for filling cable trays

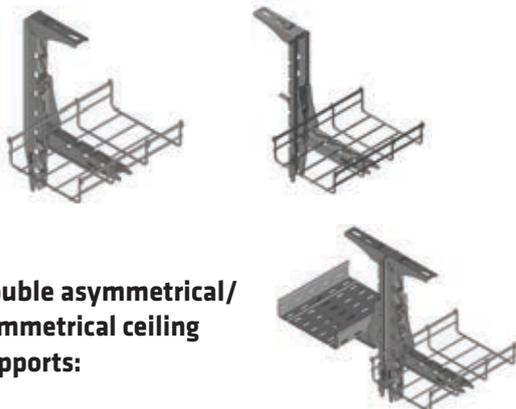
**SOLUTIONS FOR CEILING APPLICATIONS: C-SHAPED UNIVERSAL BRACKET - CSUC**



**SIMPLE SOLUTIONS FOR CREATING CEILING SUPPORT USING STANDARD BRACKETS**

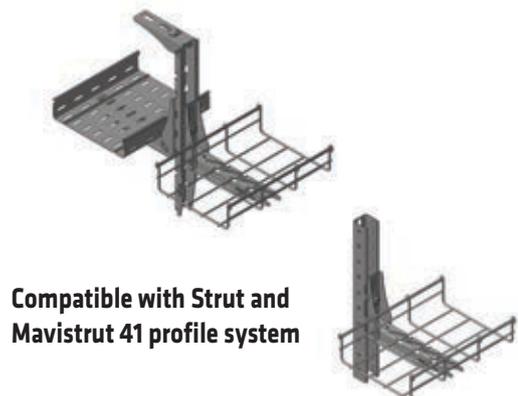
Compatibility between the different elements for greater flexibility in composition. Thanks to this universal system, the product adapts to the constraints of the installation and not the other way around.

**Single asymmetrical ceiling supports:**



**Double asymmetrical/symmetrical ceiling supports:**

**Single symmetrical ceiling supports:**



**Compatible with Strut and Mavistrut 41 profile system**

**Worksite solution: see opposite**

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Code	Description	Page	Code	Description	Page	Code	Description	Page
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MV12121	MAVICURVE H 0-90° 95 BRN50 Z27	71	MV50258	CT COVER 600 BFR HDG	35	MV50572	CT 150 BFR30 PRE-MOUNTED Z100	26
MV12123	MAVICURVE H 0-90° 155 BRN50 Z2	71	MV50270	CT 50 BFR30 PRE-MOUNTED HDG	26	MV50573	CT 200 BFR30 PRE-MOUNTED Z100	26
MV12125	MAVICURVE H 0-90° 215 BRN50 Z2	71	MV50271	CT 100 BFR30 PRE-MOUNTED HDG	26	MV50575	CT 300 BFR30 PRE-MOUNTED Z100	26
MV12128	MAVICURVE H 0-90° 305 BRN50 Z2	71	MV50272	CT 150 BFR30 PRE-MOUNTED HDG	26	MV50576	CT 400 BFR30 PRE-MOUNTED Z100	26
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MV41140	COUPLER / COMP. BRN35/50 Z275	68	MV50280	CT 50 BFR60 PRE-MOUNTED HDG	28	MV50583	CT 200 BFR60 PRE-MOUNTED Z100	28
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MV64216	IPN - CLIP 5-13 FOR M6 ROD DT	145	MV64794	CLIP + CABLE L1000 + T2 ROLLER	147	MV65795	C40 PLURIEL PROFILE L400 HP	130
MV64217	IPN - CLIP 5-13 FOR M8 ROD DT	145	MV64795	CLIP + CABLE L2000 + T2 ROLLER	147	MV65796	C40 PLURIEL PROFILE L600 HP	130
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MV64256	41x41 PROFILE SPACER HDG	139	MV65110X	SEPARATION BRN35-BFR30 Z275	36	MV66114	M10x30 H BOLT EZ	149
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MV64265	ENSEMBLE ETRIER M10x150 GEOMET	144	MV65133X	Z PROFILE 60x60x60 L3000 Z275	117	MV66123	TRCT M10x60 BOLT + WASHER EZ	150
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MVC0710GA	BOLT COUPLER BRX/BR NP/BR HL	68
MVC0710LA	BOLT COUPLER BRX/BR NP/BR HL	68
MVC0710NA	BOLT COUPLER BRX/BR NP/BR HL	68
MVC0720EA	BOLT COUPLER BRX/BR NP/BR HL	68
MVC0720GA	BOLT COUPLER BRX/BR NP/BR HL	68
MVC0720LA	BOLT COUPLER BRX/BR NP/BR HL	68
MVC0720NA	BOLT COUPLER BRX/BR NP/BR HL	68
MVC0770GA	BOLT COUPLER BRX/BR NP/BR HL	68
MVC0770NA	BOLT COUPLER BRX/BR NP/BR HL	68
MVC0810EA	BOLT COUPLER PLI BRX/BR NP/BR H	68
MVC0810GA	BOLT COUPLER PLI BRX/BR NP/BR H	68
MVC0810LA	BOLT COUPLER PLI BRX/BR NP/BR H	68
MVC0810NA	BOLT COUPLER PLI BRX/BR NP/BR H	68
MVC0820EA	BOLT COUPLER PLI BRX/BR NP/BR H	68
MVC0820GA	BOLT COUPLER PLI BRX/BR NP/BR H	68
MVC0820LA	BOLT COUPLER PLI BRX/BR NP/BR H	68
MVC0820NA	BOLT COUPLER PLI BRX/BR NP/BR H	68
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MVC1370AX	HOR. CROSS COVER 605 BRN R150 HP	60	MVC1770AX	RISING CURVE COVER 90° 605 BRN R	62	MVC1920LP	DESCENDING CURVE COVER 90° 395 BRN	85
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MVC1410AD	SIDE EXIT COVER 95 BRN R150 Z2	59	MVC1810GD	DESCENDING CURVE COVER 45° 95 BRN50	98	MVC1920LX	DESCENDING CURVE COVER 90° 605 BRN	85
MVC1410AF	SIDE EXIT COVER 155 BRN R150 Z	59	MVC1810GF	DESCENDING CURVE COVER 45° 155 BRN50	98	MVC1920ND	DESCENDING CURVE COVER 90° 95 BRN9	63
MVC1410AH	SIDE EXIT COVER 215 BRN R150 Z	59	MVC1810GH	DESCENDING CURVE COVER 45° 215 BRN50	98	MVC1920NF	DESCENDING CURVE COVER 90° 155 BRN	85
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MVG1610GC	RISING CURVE 45° 65 BRN50 NP	98	MVG1720LU	RISING CURVE 90° 515 BRN80 NP	98	MVG1920GL	DESCENDING CURVE 90° 305 BRN50 NP	98
MVG1610GD	RISING CURVE 45° 95 BRN50 NP	98	MVG1720LX	RISING CURVE 90° 605 BRN80 NP	98	MVG1920GP	DESCENDING CURVE 90° 395 BRN50 NP	98
MVG1610GF	RISING CURVE 45° 155 BRN50 NP	98	MVG1720ND	RISING CURVE 90° 95 BRN95 NP	98	MVG1920GU	DESCENDING CURVE 90° 515 BRN50 NP	98
MVG1610GH	RISING CURVE 45° 215 BRN50 NP	98	MVG1720NF	RISING CURVE 90° 155 BRN95 NP	98	MVG1920GX	DESCENDING CURVE 90° 605 BRN50 NP	98
MVG1610GL	RISING CURVE 45° 305 BRN50 NP	98	MVG1720NH	RISING CURVE 90° 215 BRN95 NP	98	MVG1920LD	DESCENDING CURVE 90° 95 BRN80 NP	98
MVG1610GP	RISING CURVE 45° 395 BRN50 NP	98	MVG1720NL	RISING CURVE 90° 305 BRN95 NP	98	MVG1920LF	DESCENDING CURVE 90° 155 BRN80 NP	98
MVG1610GU	RISING CURVE 45° 515 BRN50 NP	98	MVG1720NP	RISING CURVE 90° 395 BRN95 NP	98	MVG1920LH	DESCENDING CURVE 90° 215 BRN80 NP	98
MVG1610GX	RISING CURVE 45° 605 BRN50 NP	98	MVG1720NU	RISING CURVE 90° 515 BRN95 NP	98	MVG1920LL	DESCENDING CURVE 90° 305 BRN80 NP	98
MVG1610LD	RISING CURVE 45° 95 BRN80 NP	98	MVG1720NX	RISING CURVE 90° 605 BRN95 NP	98	MVG1920LP	DESCENDING CURVE 90° 395 BRN80 NP	98
MVG1610LF	RISING CURVE 45° 155 BRN80 NP	98	MVG1810GC	DESCENDING CURVE 45° 65 BRN50 NP	98	MVG1920LU	DESCENDING CURVE 90° 515 BRN80 NP	98
MVG1610LH	RISING CURVE 45° 215 BRN80 NP	98	MVG1810GD	DESCENDING CURVE 45° 95 BRN50 NP	98	MVG1920LX	DESCENDING CURVE 90° 605 BRN80 NP	98
MVG1610LL	RISING CURVE 45° 305 BRN80 NP	98	MVG1810GF	DESCENDING CURVE 45° 155 BRN50 NP	98	MVG1920ND	DESCENDING CURVE 90° 95 BRN95 NP	98
MVG1610LP	RISING CURVE 45° 395 BRN80 NP	98	MVG1810GH	DESCENDING CURVE 45° 215 BRN50 NP	98	MVG1920NF	DESCENDING CURVE 90° 155 BRN95 NP	98
MVG1610LU	RISING CURVE 45° 515 BRN80 NP	98	MVG1810GL	DESCENDING CURVE 45° 305 BRN50 NP	98	MVG1920NH	DESCENDING CURVE 90° 215 BRN95 NP	98
MVG1610LX	RISING CURVE 45° 605 BRN80 NP	98	MVG1810GP	DESCENDING CURVE 45° 395 BRN50 NP	98	MVG1920NL	DESCENDING CURVE 90° 305 BRN95 NP	98
MVG1610ND	RISING CURVE 45° 95 BRN95 NP	98	MVG1810GU	DESCENDING CURVE 45° 515 BRN50 NP	98	MVG1920NP	DESCENDING CURVE 90° 395 BRN95 NP	98
MVG1610NF	RISING CURVE 45° 155 BRN95 NP	98	MVG1810GX	DESCENDING CURVE 45° 605 BRN50 NP	98	MVG1920NU	DESCENDING CURVE 90° 515 BRN95 NP	98
MVG1610NH	RISING CURVE 45° 215 BRN95 NP	98	MVG1810LD	DESCENDING CURVE 45° 95 BRN80 NP	98	MVG1920NX	DESCENDING CURVE 90° 605 BRN95 NP	98
MVG1610NL	RISING CURVE 45° 305 BRN95 NP	98	MVG1810LF	DESCENDING CURVE 45° 155 BRN80 NP	98	MVH0013GC	CT 65 BRN50 HL Z275	86
MVG1610NP	RISING CURVE 45° 395 BRN95 NP	98	MVG1810LH	DESCENDING CURVE 45° 215 BRN80 NP	98	MVH0013GD	CT 95 BRN50 HL Z275	86
MVG1610NU	RISING CURVE 45° 515 BRN95 NP	98	MVG1810LL	DESCENDING CURVE 45° 305 BRN80 NP	98	MVH0013GF	CT 155 BRN50 HL Z275	86
MVG1610NX	RISING CURVE 45° 605 BRN95 NP	98	MVG1810LP	DESCENDING CURVE 45° 395 BRN80 NP	98	MVH0013GH	CT 215 BRN50 HL Z275	86
MVG1620GC	RISING CURVE 45° 65 BRN50 NP	98	MVG1810LU	DESCENDING CURVE 45° 515 BRN80 NP	98	MVH0013GL	CT 305 BRN50 HL Z275	86
MVG1620GD	RISING CURVE 45° 95 BRN50 NP	98	MVG1810LX	DESCENDING CURVE 45° 605 BRN80 NP	98	MVH0013GP	CT 395 BRN50 HL Z275	86
MVG1620GF	RISING CURVE 45° 155 BRN50 NP	98	MVG1810ND	DESCENDING CURVE 45° 95 BRN95 NP	98	MVH0013GU	CT 515 BRN50 HL Z275	86
MVG1620GH	RISING CURVE 45° 215 BRN50 NP	98	MVG1810NF	DESCENDING CURVE 45° 155 BRN95 NP	98	MVH0013GX	CT 605 BRN50 HL Z275	86
MVG1620GL	RISING CURVE 45° 305 BRN50 NP	98	MVG1810NH	DESCENDING CURVE 45° 215 BRN95 NP	98	MVH0013LD	CT 95 BRN80 HL Z275	86
MVG1620GP	RISING CURVE 45° 395 BRN50 NP	98	MVG1810NL	DESCENDING CURVE 45° 305 BRN95 NP	98	MVH0013LF	CT 155 BRN80 HL Z275	86
MVG1620GU	RISING CURVE 45° 515 BRN50 NP	98	MVG1810NP	DESCENDING CURVE 45° 395 BRN95 NP	98	MVH0013LH	CT 215 BRN80 HL Z275	86
MVG1620GX	RISING CURVE 45° 605 BRN50 NP	98	MVG1810NU	DESCENDING CURVE 45° 515 BRN95 NP	98	MVH0013LL	CT 305 BRN80 HL Z275	86
MVG1620LD	RISING CURVE 45° 95 BRN80 NP	98	MVG1810NX	DESCENDING CURVE 45° 605 BRN95 NP	98	MVH0013LP	CT 395 BRN80 HL Z275	86
MVG1620LF	RISING CURVE 45° 155 BRN80 NP	98	MVG1820GC	DESCENDING CURVE 45° 65 BRN50 NP	98	MVH0013LU	CT 515 BRN80 HL Z275	86
MVG1620LH	RISING CURVE 45° 215 BRN80 NP	98	MVG1820GD	DESCENDING CURVE 45° 95 BRN50 NP	98	MVH0013LX	CT 605 BRN80 HL Z275	86
MVG1620LL	RISING CURVE 45° 305 BRN80 NP	98	MVG1820GF	DESCENDING CURVE 45° 155 BRN50 NP	98	MVH0013ND	CT 95 BRN95 HL Z275	86
MVG1620LP	RISING CURVE 45° 395 BRN80 NP	98	MVG1820GH	DESCENDING CURVE 45° 215 BRN50 NP	98	MVH0013NF	CT 155 BRN95 HL Z275	86
MVG1620LU	RISING CURVE 45° 515 BRN80 NP	98	MVG1820GL	DESCENDING CURVE 45° 305 BRN50 NP	98	MVH0013NH	CT 215 BRN95 HL Z275	86
MVG1620LX	RISING CURVE 45° 605 BRN80 NP	98	MVG1820GP	DESCENDING CURVE 45° 395 BRN50 NP	98	MVH0013NL	CT 305 BRN95 HL Z275	86
MVG1620ND	RISING CURVE 45° 95 BRN95 NP	98	MVG1820GU	DESCENDING CURVE 45° 515 BRN50 NP	98	MVH0013NP	CT 395 BRN95 HL Z275	86
MVG1620NF	RISING CURVE 45° 155 BRN95 NP	98	MVG1820GX	DESCENDING CURVE 45° 605 BRN50 NP	98	MVH0013NU	CT 515 BRN95 HL Z275	86
MVG1620NH	RISING CURVE 45° 215 BRN95 NP	98	MVG1820LD	DESCENDING CURVE 45° 95 BRN80 NP	98	MVH0013NX	CT 605 BRN95 HL Z275	86
MVG1620NL	RISING CURVE 45° 305 BRN95 NP	98	MVG1820LF	DESCENDING CURVE 45° 155 BRN80 NP	98	MVH0023GC	CT 65 BRN50 HL HDG	86
MVG1620NP	RISING CURVE 45° 395 BRN95 NP	98	MVG1820LL	DESCENDING CURVE 45° 215 BRN80 NP	98	MVH0023GD	CT 95 BRN50 HL HDG	86
MVG1620NU	RISING CURVE 45° 515 BRN95 NP	98	MVG1820LX	DESCENDING CURVE 45° 305 BRN80 NP	98	MVH0023GF	CT 155 BRN50 HL HDG	86
MVG1620NX	RISING CURVE 45° 605 BRN95 NP	98	MVG1820LP	DESCENDING CURVE 45° 395 BRN80 NP	98	MVH0023GH	CT 215 BRN50 HL HDG	86
MVG1710GC	RISING CURVE 90° 65 BRN50 NP	98	MVG1820LU	DESCENDING CURVE 45° 515 BRN80 NP	98	MVH0023GL	CT 305 BRN50 HL HDG	86
MVG1710GD	RISING CURVE 90° 95 BRN50 NP	98	MVG1820LX	DESCENDING CURVE 45° 605 BRN80 NP	98	MVH0023GP	CT 395 BRN50 HL HDG	86
MVG1710GF	RISING CURVE 90° 155 BRN50 NP	98	MVG1820ND	DESCENDING CURVE 45° 95 BRN95 NP	98	MVH0023GU	CT 515 BRN50 HL HDG	86
MVG1710GH	RISING CURVE 90° 215 BRN50 NP	98	MVG1820NF	DESCENDING CURVE 45° 155 BRN95 NP	98	MVH0023CX	CT 605 BRN50 HL HDG	86
MVG1710GL	RISING CURVE 90° 305 BRN50 NP	98	MVG1820NH	DESCENDING CURVE 45° 215 BRN95 NP	98	MVH0023LD	CT 95 BRN80 HL HDG	86
MVG1710GP	RISING CURVE 90° 395 BRN50 NP	98	MVG1820NL	DESCENDING CURVE 45° 305 BRN95 NP	98	MVH0023LF	CT 155 BRN80 HL HDG	86
MVG1710GU	RISING CURVE 90° 515 BRN50 NP	98	MVG1820NP	DESCENDING CURVE 45° 395 BRN95 NP	98	MVH0023LH	CT 215 BRN80 HL HDG	86





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MVN1910GP	DESCENDING CURVE 90° 395 BRN50 R1	63
MVN1910GU	DESCENDING CURVE 90° 515 BRN50 R1	63
MVN1910GX	DESCENDING CURVE 90° 605 BRN50 R1	63
MVN1910LD	DESCENDING CURVE 90° 95 BRN80 R15	63
MVN1910LF	DESCENDING CURVE 90° 155 BRN80 R1	63
MVN1910LH	DESCENDING CURVE 90° 215 BRN80 R1	63
MVN1910LL	DESCENDING CURVE 90° 305 BRN80 R1	63
MVN1910LP	DESCENDING CURVE 90° 395 BRN80 R1	63
MVN1910LU	DESCENDING CURVE 90° 515 BRN80 R1	63
MVN1910LX	DESCENDING CURVE 90° 605 BRN80 R1	63
MVN1910ND	DESCENDING CURVE 90° 95 BRN95 R15	85
MVN1910NF	DESCENDING CURVE 90° 155 BRN95 R1	85
MVN1910NH	DESCENDING CURVE 90° 215 BRN95 R1	85
MVN1910NL	DESCENDING CURVE 90° 305 BRN95 R1	85
MVN1910NP	DESCENDING CURVE 90° 395 BRN95 R1	85
MVN1910NU	DESCENDING CURVE 90° 515 BRN95 R1	85
MVN1910NX	DESCENDING CURVE 90° 605 BRN95 R1	85
MVN1920EC	DESCENDING CURVE 90° 65 BRN35 R15	63
MVN1920ED	DESCENDING CURVE 90° 95 BRN35 R15	63
MVN1920EF	DESCENDING CURVE 90° 155 BRN35 R1	63
MVN1920EH	DESCENDING CURVE 90° 215 BRN35 R1	63
MVN1920EL	DESCENDING CURVE 90° 305 BRN35 R1	63
MVN1920EP	DESCENDING CURVE 90° 395 BRN35 R1	63
MVN1920EU	DESCENDING CURVE 90° 515 BRN35 R1	63
MVN1920EX	DESCENDING CURVE 90° 605 BRN35 R1	63
MVN1920GC	DESCENDING CURVE 90° 65 BRN50 R15	63
MVN1920GD	DESCENDING CURVE 90° 95 BRN50 R15	63
MVN1920GF	DESCENDING CURVE 90° 155 BRN50 R1	63
MVN1920GH	DESCENDING CURVE 90° 215 BRN50 R1	63
MVN1920GL	DESCENDING CURVE 90° 305 BRN50 R1	63
MVN1920GP	DESCENDING CURVE 90° 395 BRN50 R1	63
MVN1920GU	DESCENDING CURVE 90° 515 BRN50 R1	63
MVN1920GX	DESCENDING CURVE 90° 605 BRN50 R1	63
MVN1920LD	DESCENDING CURVE 90° 95 BRN80 R15	63
MVN1920LF	DESCENDING CURVE 90° 155 BRN80 R1	63
MVN1920LH	DESCENDING CURVE 90° 215 BRN80 R1	63
MVN1920LL	DESCENDING CURVE 90° 305 BRN80 R1	63
MVN1920LP	DESCENDING CURVE 90° 395 BRN80 R1	63
MVN1920LU	DESCENDING CURVE 90° 515 BRN80 R1	63
MVN1920LX	DESCENDING CURVE 90° 605 BRN80 R1	63
MVN1920ND	DESCENDING CURVE 90° 95 BRN95 R15	85
MVN1920NF	DESCENDING CURVE 90° 155 BRN95 R1	85
MVN1920NH	DESCENDING CURVE 90° 215 BRN95 R1	85
MVN1920NL	DESCENDING CURVE 90° 305 BRN95 R1	85
MVN1920NP	DESCENDING CURVE 90° 395 BRN95 R1	85
MVN1920NU	DESCENDING CURVE 90° 515 BRN95 R1	85
MVN1920NX	DESCENDING CURVE 90° 605 BRN95 R1	85
MVN1970GC	DESCENDING CURVE 90° 65 BRN50 R15	63
MVN1970GD	DESCENDING CURVE 90° 95 BRN50 R15	63
MVN1970GF	DESCENDING CURVE 90° 155 BRN50 R1	63
MVN1970GH	DESCENDING CURVE 90° 215 BRN50 R1	63
MVN1970GL	DESCENDING CURVE 90° 305 BRN50 R1	63
MVN1970GP	DESCENDING CURVE 90° 395 BRN50 R1	63
MVN1970GU	DESCENDING CURVE 90° 515 BRN50 R1	63
MVN1970GX	DESCENDING CURVE 90° 605 BRN50 R1	63
MVN1970ND	DESCENDING CURVE 90° 95 BRN95 R15	85
MVN1970NF	DESCENDING CURVE 90° 155 BRN95 R1	85
MVN1970NH	DESCENDING CURVE 90° 215 BRN95 R1	85
MVN1970NL	DESCENDING CURVE 90° 305 BRN95 R1	85
MVN1970NP	DESCENDING CURVE 90° 395 BRN95 R1	85
MVN1970NU	DESCENDING CURVE 90° 515 BRN95 R1	85
MVN1970NX	DESCENDING CURVE 90° 605 BRN95 R1	85
MVX0013LD	CT 95 BRX80 Z275	66
MVX0013LF	CT 155 BRX80 Z275	66
MVX0013LH	CT 215 BRX80 Z275	66
MVX0013LL	CT 305 BRX80 Z275	66
MVX0013LP	CT 395 BRX80 Z275	66
MVX0013LU	CT 515 BRX80 Z275	66
MVX0013LX	CT 605 BRX80 Z275	66
MVX0013ND	CT 95 BRX95 Z275	67
MVX0013NF	CT 155 BRX95 Z275	67
MVX0013NH	CT 215 BRX95 Z275	67
MVX0013NL	CT 305 BRX95 Z275	67
MVX0013NP	CT 395 BRX95 Z275	67
MVX0013NU	CT 515 BRX95 Z275	67
MVX0013NX	CT 605 BRX95 Z275	67
MVX0023LD	CT 95 BRX80 HDG	66
MVX0023LF	CT 155 BRX80 HDG	66
MVX0023LH	CT 215 BRX80 HDG	66

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MVX0023LL	CT 305 BRX80 HDG	66
MVX0023LP	CT 395 BRX80 HDG	66
MVX0023LU	CT 515 BRX80 HDG	66
MVX0023LX	CT 605 BRX80 HDG	66
MVX0023ND	CT 95 BRX95 HDG	67
MVX0023NF	CT 155 BRX95 HDG	67
MVX0023NH	CT 215 BRX95 HDG	67
MVX0023NL	CT 305 BRX95 HDG	67
MVX0023NP	CT 395 BRX95 HDG	67
MVX0023NU	CT 515 BRX95 HDG	67
MVX0023NX	CT 605 BRX95 HDG	67
MVX0073ND	CT 95 BRX95 HP	67
MVX0073NF	CT 155 BRX95 HP	67
MVX0073NH	CT 215 BRX95 HP	67
MVX0073NL	CT 305 BRX95 HP	67
MVX0073NP	CT 395 BRX95 HP	67
MVX0073NU	CT 515 BRX95 HP	67
MVX0073NX	CT 605 BRX95 HP	67
MVX0213EC	CT 65 BRX35 READY-TO-INSTALL Z275	64
MVX0213ED	CT 95 BRX35 READY-TO-INSTALL Z275	64
MVX0213EF	CT 155 BRX35 READY-TO-INSTALL Z275	64
MVX0213EH	CT 215 BRX35 READY-TO-INSTALL Z275	64
MVX0213EL	CT 305 BRX35 READY-TO-INSTALL Z275	64
MVX0213EP	CT 395 BRX35 READY-TO-INSTALL Z275	64
MVX0213EU	CT 515 BRX35 READY-TO-INSTALL Z275	64
MVX0213EX	CT 605 BRX35 READY-TO-INSTALL Z275	64
MVX0213GC	CT 65 BRX50 READY-TO-INSTALL Z275	65
MVX0213GD	CT 95 BRX50 READY-TO-INSTALL Z275	65
MVX0213GF	CT 155 BRX50 READY-TO-INSTALL Z275	65
MVX0213GH	CT 215 BRX50 READY-TO-INSTALL Z275	65
MVX0213GL	CT 305 BRX50 READY-TO-INSTALL Z275	65
MVX0213GP	CT 395 BRX50 READY-TO-INSTALL Z275	65
MVX0213GU	CT 515 BRX50 READY-TO-INSTALL Z275	65
MVX0213GX	CT 605 BRX50 READY-TO-INSTALL Z275	65
MVX0213LD	CT 95 BRX80 READY-TO-INSTALL Z275	66
MVX0213LF	CT 155 BRX80 READY-TO-INSTALL Z275	66
MVX0213LH	CT 215 BRX80 READY-TO-INSTALL Z275	66
MVX0213LL	CT 305 BRX80 READY-TO-INSTALL Z275	66
MVX0213LP	CT 395 BRX80 READY-TO-INSTALL Z275	66
MVX0213LU	CT 515 BRX80 READY-TO-INSTALL Z275	66
MVX0213LX	CT 605 BRX80 READY-TO-INSTALL Z275	66
MVX0213ND	CT 95 BRX95 READY-TO-INSTALL Z275	67
MVX0213NF	CT 155 BRX95 READY-TO-INSTALL Z275	67
MVX0213NH	CT 215 BRX95 READY-TO-INSTALL Z275	67
MVX0213NL	CT 305 BRX95 READY-TO-INSTALL Z275	67
MVX0213NP	CT 395 BRX95 READY-TO-INSTALL Z275	67
MVX0213NU	CT 515 BRX95 READY-TO-INSTALL Z275	67
MVX0213NX	CT 605 BRX95 READY-TO-INSTALL Z275	67
MVX0273GC	CT 65 BRX50 READY-TO-INSTALL HP	65
MVX0273GD	CT 95 BRX50 READY-TO-INSTALL HP	65
MVX0273GF	CT 155 BRX50 READY-TO-INSTALL HP	65
MVX0273GH	CT 215 BRX50 READY-TO-INSTALL HP	65
MVX0273GL	CT 305 BRX50 READY-TO-INSTALL HP	65
MVX0273GP	CT 395 BRX50 READY-TO-INSTALL HP	65
MVX0273GU	CT 515 BRX50 READY-TO-INSTALL HP	65
MVX0273GX	CT 605 BRX50 READY-TO-INSTALL HP	65
MVX0273ND	CT 95 BRX95 READY-TO-INSTALL HP	67
MVX0273NF	CT 155 BRX95 READY-TO-INSTALL HP	67
MVX0273NH	CT 215 BRX95 READY-TO-INSTALL HP	67
MVX0273NL	CT 305 BRX95 READY-TO-INSTALL HP	67
MVX0273NP	CT 395 BRX95 READY-TO-INSTALL HP	67
MVX0273NU	CT 515 BRX95 READY-TO-INSTALL HP	67
MVX0273NX	CT 605 BRX95 READY-TO-INSTALL HP	67
MVX0610LA	AUTO COUPLER BRX80 Z275	66
MVX0610NA	AUTO COUPLER BRX95 Z275	67
MVX0670GA	AUTO COUPLER BRX50 HP	65
MVX0670NA	AUTO COUPLER BRX95 HP	67
MVX40100	CT 65 BRX35 Z275	64
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MVX40108	CT 305 BRX35 Z275	64
MVX40111	CT 395 BRX35 Z275	64
MVX40115	CT 515 BRX35 Z275	64
MVX40117	CT 605 BRX35 Z275	64
MVX40120	CT 65 BRX50 Z275	65
MVX40121	CT 95 BRX50 Z275	65
MVX40123	CT 155 BRX50 Z275	65
MVX40125	CT 215 BRX50 Z275	65

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MVX40128	CT 305 BRX50 Z275	65
MVX40131	CT 395 BRX50 Z275	65
MVX40135	CT 515 BRX50 Z275	65
MVX40137	CT 605 BRX50 Z275	65
MVX40200	CT 65 BRX35 HDG	64
MVX40201	CT 95 BRX35 HDG	64
MVX40203	CT 155 BRX35 HDG	64
MVX40205	CT 215 BRX35 HDG	64
MVX40208	CT 305 BRX35 HDG	64
MVX40211	CT 395 BRX35 HDG	64
MVX40215	CT 515 BRX35 HDG	64
MVX40217	CT 605 BRX35 HDG	64
MVX40220	CT 65 BRX50 HDG	65
MVX40221	CT 95 BRX50 HDG	65
MVX40223	CT 155 BRX50 HDG	65
MVX40225	CT 215 BRX50 HDG	65
MVX40228	CT 305 BRX50 HDG	65
MVX40231	CT 395 BRX50 HDG	65
MVX40235	CT 515 BRX50 HDG	65
MVX40237	CT 605 BRX50 HDG	65
MVX40720	CT 65 BRX50 HP	65
MVX40721	CT 95 BRX50 HP	65
MVX40723	CT 155 BRX50 HP	65
MVX40725	CT 215 BRX50 HP	65
MVX40728	CT 305 BRX50 HP	65
MVX40731	CT 395 BRX50 HP	65
MVX40735	CT 515 BRX50 HP	65
MVX40737	CT 605 BRX50 HP	65
MVX41110	AUTO COUPLER BRX35 Z275	64
MVX41111	AUTO COUPLER BRX50 Z275	65
MVH0013AC	CT COVER 65 BRN HL Z275	88
MVH0013AD	CT COVER 95 BRN HL Z275	88
MVH0013AF	CT COVER 155 BRN HL Z275	88
MVH0013AH	CT COVER 215 BRN HL Z275	88
MVH0013AL	CT COVER 305 BRN HL Z275	88
MVH0013AP	CT COVER 395 BRN HL Z275	88
MVH0013AU	CT COVER 515 BRN HL Z275	88
MVH0013AX	CT COVER 605 BRN HL Z275	88
MVH0023AC	CT COVER 65 BRN HL HDG	88
MVH0023AD	CT COVER 95 BRN HL HDG	88
MVH0023AF	CT COVER 155 BRN HL HDG	88
MVH0023AH	CT COVER 215 BRN HL HDG	88
MVH0023AL	CT COVER 305 BRN HL HDG	88
MVH0023AP	CT COVER 395 BRN HL HDG	88
MVH0023AU	CT COVER 515 BRN HL HDG	88
MVH0023AX	CT COVER 605 BRN HL HDG	88

# General sales conditions

## 1. DEFINITIONS

- 1.1 In these General Sales Conditions the terms hereunder have the meaning as specified for each one of them:
- a) "Gewiss": the company GEWISS S.p.A.;
  - b) "Purchaser": the subject, natural person or legal entity requesting the purchase of Gewiss products;
  - c) "Party" or "Parties": Gewiss and/or the Purchaser, individually or jointly considered;
  - d) "Order" or "Orders": the purchase order or orders sent by the Purchaser to Gewiss;
  - e) "Order confirmation": the confirmation of the Order sent by Gewiss to the Purchaser;
  - f) "Products": all the products offered by Gewiss and described in catalogues, drawings, technical sheets or its brochures;
  - g) "General Conditions": the general sales conditions hereunder.

## 2. SCOPE OF APPLICATION

- 2.1 The General Conditions apply to all sales made between Gewiss and the Purchaser whose subject matter is the Products and form an integral part of all Contracts entered into between the Parties, regulating their relationship, even where not expressly referred to. These General Conditions replace Gewiss' previous general sales conditions.
- 2.2 The Purchaser cannot demand or take exception to conditions other than those contained in the General Conditions. Therefore, any conditions set out in writing by the Purchaser on the Order shall not be valid, or those in any other phase of the contractual negotiations as well as after the acceptance or knowledge of the General Conditions, as well as any general purchasing conditions of the Purchaser. To this end, the performance, even partial, of the Order by Gewiss or fulfilment of any other obligation in terms of the Purchaser are not valid and cannot be interpreted as tacit or implicit acceptance of any general condition which has not been explicitly signed by Gewiss.
- 2.3 The General Conditions are only valid for contractual relationships between Gewiss and professional operators, thus the Italian Legislative Decree no. 206 of 6th September 2005 (Consumer Law) is not applicable. The General Conditions are valid for the entire period necessary for complete and correct fulfilment of the Contract.
- 2.4 Any special conditions agreed between the Parties shall only be valid where indicated in the Order confirmation, and shall prevail over the General Conditions, constituting a derogation from these.

## 3. PROCEDURE FOR FINALISING THE SALES CONTRACT

- 3.1 The Order sent by the Purchaser to Gewiss constitutes an irrevocable contractual proposal which is binding for 30 (thirty) days from the time Gewiss learns of it.
- 3.2 Within these 30 (thirty) days period Gewiss, at its sole discretion, reserves the right to accept the Order or not, and send to the Purchaser the Order confirmation.
- 3.3 The Contract shall be considered finalised following the transmission of the Order confirmation or, alternatively, with the performance of the Order by Gewiss; in this case, the Purchaser cannot cancel the Order without previous written approval from Gewiss and/or he cannot refuse the Products. Up to the time of finalising of the Contract under the above conditions, offers and/or estimates made by Gewiss or its agents, representatives and assistants, shall not be binding for Gewiss.
- 3.4 In the event that the Order confirmation differs from the Order, for example but not limited to, the quantity of Products, prices, discounts and delivery terms, such Order confirmation shall be considered as a counterproposal

from GEWISS, and must be expressly accepted by the Purchaser, for the Contract to be considered finalised.

- 3.5 In any case, it is hereby understood that any oral agreement with the Purchaser related to the sale shall not be binding for Gewiss unless confirmed in writing by Gewiss.
- 3.6 In the event that the Order is cancelled by the Purchaser before it is accepted and/or performed by Gewiss, Gewiss may ask the Purchaser to reimburse any expenses or charges incurred to perform the Order and/or part of it as well as compensation for any sustained damages.

## 4. PRICES

- 4.1 The prices indicated in Gewiss catalogues and price lists are considered VAT excluded for goods delivered EXW Incoterms® 2020 (ex works) of Gewiss, transportation, insurance, packing and assistance expenses excluded.
- 4.2 Such prices are merely given as a guideline and are not binding on Gewiss in any way, who reserves the right to make changes to the same proportionate to increases in labour, raw material and other cost items and for other causes which occur during the catalogue/price list validity period.

## 5. DELIVERIES

- 5.1 Unless otherwise agreed between the Parties, the Products are delivered to the Purchaser or third party assigned by the Purchaser as per EXW Incoterms® 2020 (ex works) at Gewiss warehouse. Order confirmations are purely indicative and not binding, and do not include transport times.
- 5.2 Gewiss is not liable for any indemnity or claim for compensation against Gewiss for direct or indirect damages due to delays and/or partial dispatch of the deliveries, if not attributable to fraud or gross negligence by Gewiss.
- 5.3 If performance of the Order is obstructed by the occurrence of force majeure events, lack of regular raw material supplies or sub-supplies or other unpredictable circumstances occurring when the Contract is finalised, the delivery dates shall be considered extended, without Gewiss being held liable for the delay and new dates shall be established by the Parties. The Purchaser shall not have the right to refuse the delivery of the Products.
- 5.4 If, once the Products are ready for shipping to the Purchaser, and delivery is not made due to circumstances not attributable to Gewiss or due to force majeure, the delivery shall be considered performed for all extents and purposes with a simple notice of goods ready for picking-up to be notified to the Purchaser by registered letter, fax or e-mail. From the day after sending the above notice, Gewiss shall be due in addition to the agreed upon price, a fee for storage at Gewiss' warehouse totalling 2% of the amount on the invoice for each entire week of delay; in the event of a delay less than a week the percentage shall be calculated in proportion to the days of delay. All risks related to the goods storage period at Gewiss' warehouse are the sole responsibility of the Purchaser. If the Purchaser's refusal to receive the goods lasts for more than 30 (thirty) days from the notice of goods ready for picking-up, Gewiss shall be entitled to terminate the Contract and claim for compensation of damages.

## 6. RISKS

- 6.1 The risks of the delivery of the Products are regulated by Incoterms® 2020 terms which are agreed by the Parties.
- 6.2 The Purchaser, at the time of receiving the Products, must always, in their own interest, check the quantity and conditions before the acceptance and notify the carrier of any damage immediately and in writing. Otherwise, every dispute related to the quantity and conditions of the

packed and delivered Products shall be refused.

## 7. QUANTITY AND PACKING

- 7.1 The Orders must comply with the minimum packing quantities. In the event of Orders for lower quantities Gewiss reserves the right to charge the Purchaser, subject to notification, the lump sum of 5.00 Euro for each line of bulk Product Order.
- 7.2 Standard packing are considered included in the sales price, while the costs for any non-standard packing, unless otherwise established between the Parties, shall be charged by Gewiss to the Purchaser.

## 8. COMPLIANCE WITH PRODUCT STANDARDS

- 8.1 Gewiss guarantees that all Products, which fall under the scope of application of European Directives and Regulations, comply with the essential requirements set out in them, in order to be put on the market and ordered in European Union. Compliance with the Directives and Regulations is indicated by affixing of the graphic symbol "CE".
- 8.2 The exportation in some UE or extra UE Countries can be forbidden or require specific documents, mark or certification. The Purchase shall contact Gewiss for the relevant information.

## 9. MODIFICATIONS TO PRODUCTS

- 9.1 The indications, measurements, drawings and images of the Products and related components present in Gewiss catalogues, brochures and websites, and in general all Gewiss technical and informational documentation are given as a guideline and example and are not binding in any way.
- 9.2 Gewiss, at any time and with no obligation for prior notice, reserves the right to make all of the modifications that it, at its sole discretion, feels opportune for improving the Product features and performance as well as to meet its own technological and production needs.
- 9.3 The quality and certification marks mentioned on Gewiss paper material shall be considered in force at the date of the printing of the documents. The updated list of marks is available on the site [www.gewiss.com](http://www.gewiss.com) or through the Technical Assistance Service. The updated certification list is available on [www.gewiss.com](http://www.gewiss.com) or upon request to the Technical Assistance Service.

## 10. QUALITY, WARRANTIES AND COMPLAINTS

- 10.1 All of the Products have the qualities necessary for the normal intended use of products of the same type, as shown in the technical documentation in effect at the time of sale, which the Purchaser declares to know and accept. In addition, the Products are covered by warranty for their correct operation and warranty for design and manufacturing faults and/or defects for a period of 24 (twenty-four) months from the delivery date, except for normal wear and tear parts. Once this period has elapsed the warranty becomes null and void, even if the Products have not been put into operation for any reason.
- 10.2 The warranty is effective as long as the malfunctioning, faults and/or defects are not the result of: (i) assembly and/or installation errors, (ii) failure to perform or incorrect maintenance, (iii) failure to comply with and/or erroneous compliance with technical specifications contained in the Gewiss catalogue and in any instructions sheets, (iv) natural wear, (v) faults caused by inexperience and/or negligence (vi) poor care, (vii) failure to immediately adopt measures designed to limit inefficiencies, (viii) overloads compared to limits indicated in technical instructions, (ix) interruptions to or suspensions of electricity, (x) unauthorised activities, (xi) tampering by the Customer and/or third parties, (xii) acts of vandalism, (xiii) acts of

terrorism, (xiv) atmospheric events, (xv) fortuitous events or (xvi) force majeure, (xvii) third party's act.

- 10.3 Moreover, the warranty is not effective in case of malfunctioning of the software installed on the Product, due to overloading, interruption and/or suspension of electric energy.
- 10.4 Any complaint due to quality defects, failure to operate or faulty operation or design and manufacturing faults and/or defects of the Products must be notified to Gewiss in writing, subject to forfeiture of the warranty:
- within 8 (eight) days from delivery of the Products in the event of clear faults and/or defects;
  - within 8 (eight) days from discovery of the faults and/or defects becoming evident following delivery but within two years from the delivery.
- 10.5 For the complaint to be accepted, the Purchaser is required to prove in writing the validity of the warranty, the correct storage and installation of the Product, and to supply Gewiss with adequate documentation proving the faults/defects.
- 10.6 The warranty is limited, up to the sole discretion of Gewiss, to replacement of the defective Products or components (both with identical or similar products) or, alternatively, by repairing the defective Products or components. In any case the accessory expenses of the replacement and/or repair are excluded from the warranty.
- 10.7 Both in the case of replacement and repair of the defective Products the original warranty period will continue and shall not be considered renewed.
- 10.8 Gewiss shall not be held liable for any additional warranty obligation, including implicit, resulting from laws and/or regulations in favour of the Purchaser, including implicit warranties for non-compliance, non-saleable defects and/or the suitability of the Products for a special use.

## 11. LIABILITY

- 11.1 Without prejudice to mandatory limits set by law and with the exclusion of fraud and gross negligence, is explicitly excluded any further liability by Gewiss - either contractual or extracontractual - that may arise from or be related, directly or indirectly, to the Contract, and/or to discrepancies, defects and/or faults in the Products, , by means of example and not limited to loss of profit, loss of savings, loss of reputation, loss of goodwill and/or interruption of plants where the Products are intended to be used.
- 11.2 Gewiss shall not be held liable for Products sold and/or installed in Countries where there are regulations which do not allow their use, or for uses which they are not intended and/or for installations and uses not in compliance with the Products technical specifications indicated in the catalogues and instruction handbooks in effect at the time of the sale.
- 11.3 In the event of revision of the technical specifications and instruction handbook for Products already delivered and/or installed during the warranty period, the Purchaser shall not be covered under warranty for correct operation according to the new technical specifications.
- 11.4 The Purchaser agrees to establish in all contracts regarding the Products a clause limiting Gewiss' liability substantially identical to that envisaged by this article, assuming the complete and sole liability for the additional movement of Products supplied by Gewiss.

## 12. RETURNS

- 12.1 Return of the Products is not allowed without prior written authorisation from Gewiss, without which the Products shall be delivered again to the Purchaser at the Purchaser expenses and risk.
- 12.2 In the event of authorised return, the Products shall be returned carriage paid at the expense and risk of

the Purchaser to Gewiss warehouses, within the term indicated by Gewiss. The Purchaser shall be credited for the purchase price of the Products, minus a minimum amount of 15% for administrative expenses. However, Gewiss reserves the right not to accept the return or to apply a higher percentage for administrative expenses if the goods are returned after the period indicated above.

- 12.3 In any case, the return of Products not included in the catalogue in effect at the time of the request to return and/or for which significant changes have been made to the technical specifications is prohibited.

## 13. PAYMENT OF THE PRICE

- 13.1 Payments shall be made in compliance with the "Supply Conditions" in the Gewiss catalogue in effect or according to what is otherwise agreed between the Parties in writing.
- 13.2 The delay, even partial of the payment of the invoices beyond their due date shall cause the immediate charging of interest in accordance with the legal measures in force, in addition to debiting of any bank expenses and fees.
- 13.3 Failure to pay for any reason, as well as failure to fulfil any other obligation by the Purchaser authorises Gewiss shall be entitled, pursuant to Article 1460 of the Italian Civil Code, to immediately suspend the delivery of the Products , as well as demand payment for the entire amount due, without prejudice to its right to withdraw from the Order being performed.
- 13.4 Gewiss also reserves the right to suspend supplies in the event of a significant modification in the Purchaser's economic situation, by means of example but not limited to transfer of the business or proven serious financial difficulty.
- 13.5 Possible collection expenses or stamp duty for payments received by bank transfer or other forms of payment are at the Purchaser charge.
- 13.6 Any discount agreed upon in writing between the Parties, is subject to complete compliance with payment due dates. Failure to pay within the agreed due dates shall result in forfeiture of the discount and the Purchaser who unduly withheld it shall be obligated to reimburse it immediately.
- 13.7 Any complaint from the Purchaser including for late delivery of incomplete supply, shall not give the Purchaser the right to suspend or delay payment of the supply.
- 13.8 The Purchaser cannot claim any non-fulfilment of Gewiss', nor claim the warranty as per article 10 above, if not up to date with payments.
- 13.9 The Parties undertake to act in compliance with the obligations set out in art. 3 of Law 136/2010 to ensure the traceability of financial movements relating to public services and supplies, with the clarification that the violation of these provisions determines the legal termination of the Contract.

## 14. INTELLECTUAL PROPERTY

- 14.1 Gewiss shall remain the sole owner of the patents, drawings, designs and anything else used to create the Products, which, therefore, the Purchaser agrees not to give to third parties, reproduce or use, without prior authorization of Gewiss. If the creation of the Products is performed by Gewiss based on specific request and technical documentation of the Purchaser, Gewiss shall not be held liable for the violation of industrial property rights by third parties, which shall be the sole responsibility of the Purchaser, who agrees to guarantee and indemnify and hold Gewiss harmless from any claims made against it.
- 14.2 The Purchaser agrees to use Gewiss trademarks solely for the purposes of identifying, advertising and selling the

Products, refraining from registering them or having them registered without prior written approval from Gewiss.

- 14.3 The Purchaser is prevented from registering "gewiss" as domain name as well as any domain which contains words which look like or recall Gewiss.
- 14.4 Possible links to Gewiss' website and the publication on the Purchaser's website of contents which refer to Gewiss shall be authorized in writing by the latter beforehand.

## 15. CONFIDENTIALITY OBLIGATION

- 15.1 The sales commercial conditions, particularly regarding the budget, incentive and discount conditions, as well as all other documentation or information classified by Gewiss as confidential, have a strictly confidential nature, therefore, the Purchaser agrees not to divulge them or communicate them to third parties, nor to use them for purposes other than the finalising and performance of the Contract, for the period of 5 (five) years after performance of the Order.
- 15.2 Gewiss reserves the right to pursue, including legally, any violations of the aforesaid confidentiality obligation.

## 16. PRIVACY

- 16.1 Gewiss agrees to collect and process the personal data it may learn of in relation to the execution of the Contract in compliance with the Italian Legislative Decree 196/2003 and subsequent amendments (Legislative Decree 101/2018 for the adaptation of the Italian legislation to EU Reg. no. 679/2016, so called GDPR), with the purposes therein permitted and to fulfil all legal requirements including of a tax or accounting nature. The information is available on the website [www.gewiss.com](http://www.gewiss.com).

## 17. GEWISS CODE OF ETHICS AND ORGANIZATION, MANAGEMENT AND CONTROL MODEL - ANTI-CORRUPTION POLICY

- 17.1 The commercial relations governed by the General Conditions are based on the principles of legality, transparency, correctness and fairness, in accordance with the contents of the Code of Ethics, the Organisation Management and Control Framework adopted by Gewiss and with the principles of the Anti-Corruption Policy available on the website [www.gewiss.com](http://www.gewiss.com). Any notifications about the violation of the aforesaid Framework may be sent using the "notification procedure" available on the website, to the e-mail address [ia-odv@gewiss.com](mailto:ia-odv@gewiss.com).
- 17.2 If, behaviours are adopted which do not comply with the aforesaid principles, Gewiss shall be entitled to take opportune measures, including cancellation of the Orders and request compensation for damages.

## 18. APPLICABLE LAW, COURT AND LANGUAGE

- 18.1 All the Contracts finalised by Gewiss, regardless of the Purchaser's nationality and/or place of destination of the Products, are governed by Italian laws.
- 18.2 Application of the Vienna Convention on contracts for the international sale of goods of 11 April 1980 remains expressly excluded, as well as other statutory Conventions concerning international sales and governing conflicts between laws.
- 18.3 Any dispute arising between the Parties shall be submitted to the Italian court and solely to the Court of Gewiss' registered office, without prejudice to Gewiss' right to act at the Purchaser's address.
- 18.4 If these General Conditions are drafted in more than one language, in case of conflicts, the text in Italian shall be decisive.

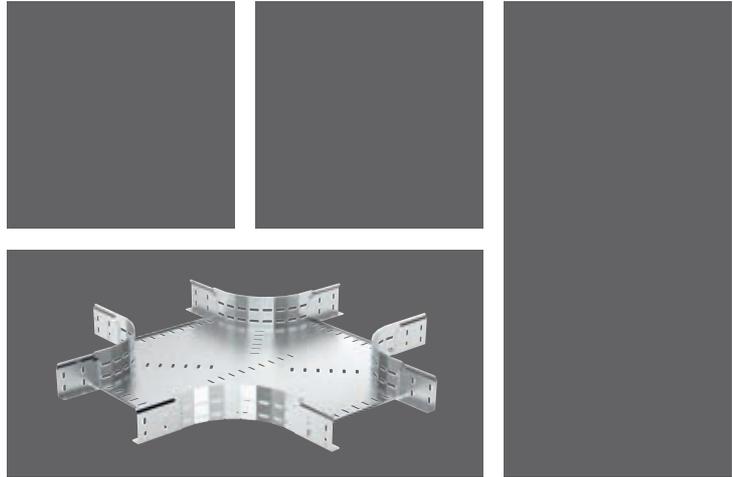
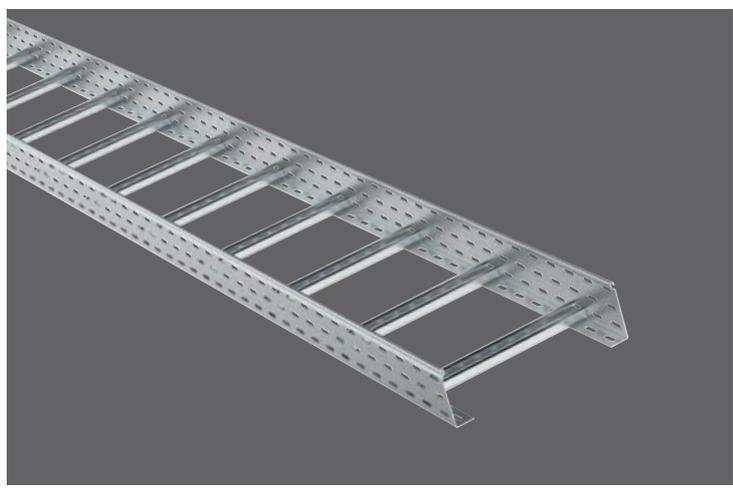












# GEWISS

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