Atkore Unistrut & Marco Catalogue

Atkore
Unistrut

Atkore
Marco

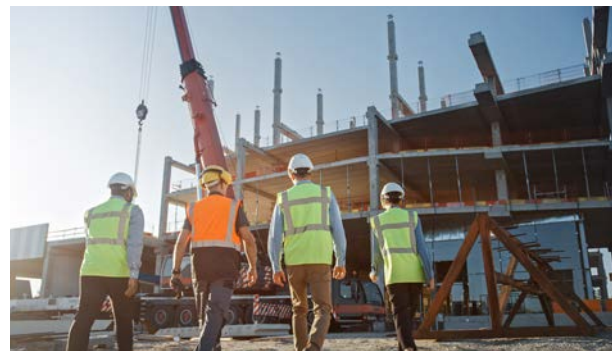# Atkore™

Building better together.

CONTENTS

Atkore Unistrut

Atkore Marco

About Atkore Unistrut & Marco

Over ninety years of innovation

Atkore Unistrut was established in 1924 and is the original metal framing system featuring a unique weldless connection. The Atkore Unistrut system eliminates welding and drilling and is easily adjustable and reusable for infinite configurations. Atkore Unistrut has evolved from a simple connection concept to a comprehensive engineered building and support system featuring a robust line of channels, fittings, fasteners, hangers, pipe clamps, and accessories. Recent exciting developments for the company have set a unique position where Atkore Unistrut can now offer a guaranteed one stop service with the ability to meet the needs of any specification across multiple sectors.

Cable Management Solutions

Atkore Marco is a leading uPVC Cable Management Company, and the UK's largest manufacturer of Steel Wire Cable Tray. Today, Atkore Marco is a leader in its field, having carved a reputation as an innovator and provider of quality products, coupled with an unrivalled service and delivery.Working with distributors, and contractors across the UK, Atkore Marco can offer a one stop shop service, providing a full range of cable containment solutions to its customers.

Moving forward Atkore Unistrut & Marco will continue to innovate, develop, and strengthen the core products offering whilst introducing new products and accessories to support and increase customer group.

'Flytec's innovative product range has been a great addition to the portfolio, allowing us to expand our overall offering'

Part of the Atkore family

Atkore is a major manufacturer and innovator with a unique focus on steel framing and cable management. As part of the Atkore family the business can draw on a variety of technologies, products, and experience from Atkore companies throughout the world.

Atkore Unistrut & Marco People Promise

Sharing experience, knowledge, and expertise.
The business continues to make investments in people, products, and services. The ability to share experience and knowledge with customers is the key to the business' success in a wide range of industry sectors.

About Us

Quality Standards

Atkore Unistrut & Marco remain synonymous with engineering excellence, so it is no surprise the business prides itself to attention to detail and quality.

The commitment to match and exceed quality standards (where possible), this means that the business remains at the forefront of the industry by providing products you can trust.

Certified and tested systems, giving you peace of mind

Atkore Unistrut's loading software, offers a comprehensively tested support system from lengths through the fittings and accessories. This certified data is there to give you peace of mind and help Atkore Unistrut specify the best solution for you.

The partnering approach and complete dataset means that Atkore Unistrut & Marco can offer exceptionally accurate bespoke solutions. So you can be sure that the design and specification on paper is what you will get in real world applications.

Engineered Solutions

The business understands the challenges that modern infrastructure projects create. It's often the case that an off-the-shelf solution is unable to achieve all of your needs and requirements – especially when there are specific location, timing, or environmental issues to consider.

In these situations a bespoke solution can offer you the durability and flexibility you need to successfully deliver your project. Atkore Unistrut & Marco bespoke manufacturing service specialises in solving complex cable management issues. The ability to assess, design, engineer and support bespoke systems has proven to be invaluable on a variety of major projects.

Atkore Unistrut & Marco's versatile offering

Atkore Unistrut & Marco products help to support the infrastructure that is vital to modern industry and commerce. The product range can be seen in over 50 industry sectors where expertise and reliability are vital to success. The team of experts design and deliver projects that keep industry functioning – from renewables to transportation, from the healthcare sector through to the latest developments in high-tech Data Centres. Atkore Unistrut & Marco have the products to support your solution.

Sectors & Products

Atkore Unistrut & Marco have every sector covered

Sector/Products	Channel (PG/HG)	Channel (SS)	Channel (ZD)	Ladder (PG/HG)	Ladder (SS)	Tray (PG/HG/SS)	Wire Tray (EZ, PG, PC, HG)	Trunking (uPVC)	Trunking (PG)
Oil & Gas		X			X	X			
Rail	X			X		X			X
Data Centres	X		X			X	X		
Aviation	X			X		X	X		X
Petrochemical		X			X	X			
Renewable Energy	X			X		X			
Heavy Industry	X			X		X			
Healthcare	X	X				X	X	X	X
Commercial Construction	X			X		X	X	X	X
Mines, Metals & Minerals	X			X		X			
Marine		X			X	X			

Sectors

What is Renewable Energy?

Renewable energy is often referred to as clean energy, it comes from natural sources or processes that are constantly replenished.

Over the past 2 years many companies have become aware of climate change and the importance of reducing collective carbon footprint. Atkore is no exception, with Renewables becoming one of the focused target sectors.

Energy collected from wind and solar have been supporting the national grid for many years but recently due to the government promise for Net Zero by 2050 other renewables opportunities have arisen. These include converter stations to support on-shore wind and solar, EV and substations, all of which we have been able to advise and supply to.

What is a Data Centre?

Data Centres are often referred to as a singular thing, but they are composed of several technical elements. These can be broken down into three categories:

· **Computer:** The memory and processing power to run the applications, generally provided by high-end servers

· **Storage:** Important enterprise data is generally housed in a Data Centre, on media ranging from tape to solid- state drives, with multiple backups

· **Networking:** Interconnections between Data Centre components and to the outside world, including routers, switches, application-delivery controllers, and more

These are the components that IT needs to store and manage the most critical resources that are vital to the continuous operations of an organisation. Because of this, the reliability, efficiency, security, and constant evolution of Data Centres are typically a top priority. Both software and hardware security measures are a must.

Data Centre management is easy when utilising the complete Atkore Unistrut & Marco range, with products including Cable Ladder, Traditional and Spliced Tray, Steel Wire Cable Tray and a wide range of uPVC Trunking systems ensuring all your needs are met by the same supplier.

Materials & Finishes

Image for Illustrative purposes only

Hot Dipped Galvanised (HG)

Processed in accordance with BS EN ISO 1461: 2009. It is an excellent solution for outdoor environments and has a unique metallurgical structure which gives outstanding resistance to mechanical damage. *55μm minimum thickness.

Stainless Steel (SS)

Stainless steel to 1.4404 (316L) standards. Excellent for marine applications and extreme environmental conditions. Pickle & Passivate is available upon request.

Zinc Dichromate (ZD)

Often used for clean rooms, Data Centres and other sterile environments.

Zinc Plated (ZP)

An alternative to a Pre Galvanised product and generally used for internal applications. Zinc Plated applications are often used in sterile environments. Electroplated EN 12329.

Zinc Magnesium (ZM)

Coated to standard EN10346-2015, Zinc-Aluminium-Magnesium is a coating whose main component is zinc, and the content of aluminium and magnesium is between 1.5-8% (where the magnesium content is not less than 0.2%). Compared with traditional coatings such as Hot-Dip Galvanising and Pre-Galvanised Steel, Zinc-Aluminium-Magnesium coated steels boast better corrosion resistance and self-healing properties. Ideal for extreme environmental conditions or high specification applications.

Materials & Finishes
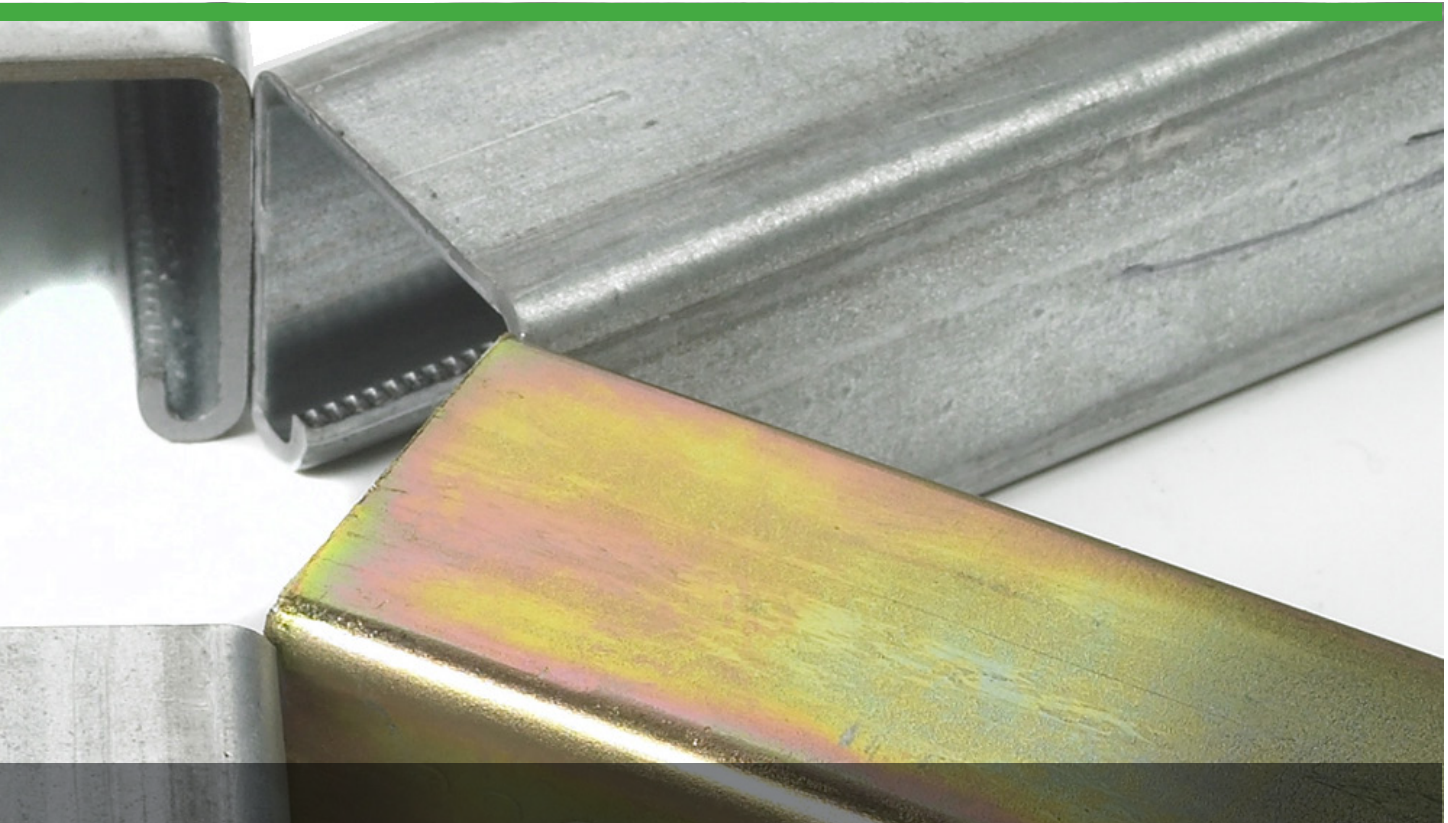
Zinc Aluminium* ZA

Coated to standard EN10346-2015 Zinc-Aluminium offers excellent coating resistance compared to traditional Zinc coatings. Zinc Aluminium typically offers a coating which is 95% Zn & 5% Al. Perfect for outdoor applications. *ZA available in Steel Wire Cable Tray only.

Plain Oil PO

Plain oil to BS EN 10025 standards. Pickled & Oiled with a min. yield 280 n/mm². Excellent for welding and finishing on site. Ideal base for powder coating and other surface finishes.

Pre Galvanised PG

The most popular finish, generally used for internal applications. Pre Galvanised to Z275- BS EN 10346 1.0244 standards. Supplied with a zinc coating to a nominal coat of 20µm.

Deep Galvanised DH

Processed in accordance with BS EN ISO 1461: 2009 to a greater thickness than the standard Hot Dipped Galvanised, it is an excellent solution for outdoor and harsh environments. *75 - 85µm minimum thickness.

Powder Coated PC

A variety of powder coating finishes are available. Often used to provide a pleasing aesthetic finish to projects such as shops and retail environments.

Deep Galvanised - 120µm+ DH+

Extra Deep Galvanised on silicone rich steel to a depth of 120µm+. Please consult the Atkore Unistrut Technical Team for predicted lifespan.

Metal Framing

Original Unistrut® Metal Framing

METAL FRAMING CONTENTS

Metal Framing

Metal Framing System

The original Metal Framing System

History

The original Unistrut Metal Framing System was invented in 1924 by Charles Attwood. The original design came from a need for efficiently mounting electrical components in large electrical cabinets. The key to this was the creation of the Unistrut channel & Unistrut Channel Nut. Although developed for electrical applications, Mr. Attwood envisioned using his product for almost any application requiring a structural support frame designed and built in the field.

Following this, Attwood created a full Metal Framing System including, Unistrut channel, nuts, fittings, brackets and fixings to increase product versatility. Now almost 100 years later, industries across the world still use Unistrut's original Metal Framing System for their applications.

Metal Framing System

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

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

The only tool you'll need!

Metal Framing System

Mr.Strut

Did you know that the iconic mascot, Mr. Strut, was created by Walt Disney? Atkore Unistrut's founder, Charles Attwood, met Walt Disney on a commercial airline flight. During this meeting, Walt drew a sketch of Mr.Strut on a napkin and following the exchange, created an animated short film about the Unistrut Metal Framing System called 'Sky's the Limit'.
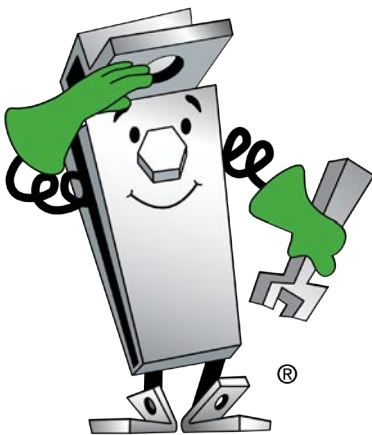
Scan the QR code to watch the 'Sky's the Limit' video!

Materials and Finishes

INTRODUCTION

Atkore Unistrut channels and fittings offer total flexibility in design and construction of assemblies for framing applications.

Atkore Unistrut products are available in a range of materials and finishes. These finishes offer differing degrees of corrosion protection for use in a variety of environments. Where required, factory decorative finishes are available to order.

MATERIALS

Channels are cold rolled from 1.5mm and 2.5mm steel strip and are available in:

PO   PLAIN OILED

PG   PRE - GALVANISED

HG   HOT DIP GALVANISED

DG   DEEP HOT DIP GALVANISED

SS   STAINLESS STEEL MARINE GRADE

ZP   ELECTRO ZINC PLATED

Mild steel channels are rolled using material formed from BS EN 10025 with guaranteed yield 280N/mm^2 and minimum ultimate tensile strength of 370N/mm^2.

Stainless steel channels are rolled using material formed from BS EN10088-2 grade 1.4404 (Grade 316L).

Atkore Unistrut fittings are pressed from hot rolled, pickled and oiled mild steel plate, or strip steel mainly from grade S315MC OR grade S275 mild steel.

Stainless Steel fittings are available to EN10088-2 grade1.4404 (Grade 316L).

FINISHES

Hot -Dip Galvanised

Channels are Hot-Dip Galvanised in accordance with BS EN ISO1461:2009 and chromate passivated.

The minimum average Zinc Coating is as follows:
Cold Rolled From   1.5mm Steel – 55 microns
                            2.5mm Steel – 55 microns
Fittings spun galvanised – 45 microns

Pre-Galvanised

Pre-Galvanising is to BS EN 10326 2004 (Coating Z275).

Special coatings and material grades are available on request

Stainless Steel

· Stainless Steel 1.4404 (316L)

· Cleaned (Pickled & Passivated)

Applying a pickling process to stainless steel results in a clean product and it also removes any heat discolouration that has occurred in the welding process.

Deep Galvanised

A deep galvanised coating can be achieved when using steel containing a slightly higher proportion of silicon; for example Corten 'A' steel. Silicon bearing steels modify the chemistry of the galvanizing process, resulting in the zinc coating continuing to increase in thickness as long as the steel remains immersed in the zinc. Coatings up to two to three times as thick as the normal standard coating are practical to achieve.

PVC Coating

PVC coating is a thick coating with good anti-corrosion properties. It gives a generally good chemical resistance to most acidic and alkaline materials. It is not suitable for use with most solvent-based contaminants. PVC coating is suitable for application over Hot-Dip Galvanised Steel.

Zinc Electroplated

Channel nuts and bolts are zinc electroplated.

RANGE

Channels are available in plain or slotted (Code T), in multiple channel combinations and all 2.5mm channels have serrated lips. Slots, 14mm wide x 28mm long or 11mm wide x 25mm long, are provided at 50mm nominal centres. Combination channels manufactured from Pre-Galvanised Steel are spot welded, whilst Hot-Dip Galvanised channels are continuously seam welded or spot welded as appropriate.

LENGTH

Standard channel lengths are 3m or 6m. Cut channel lengths can be supplied.

WEIGHTS & DIMENSIONS

Weights published in this catalogue for all materials are approximate shipping weights. All dimensions are subject to commercial tolerance variations.

TORQUE

The torque figures stated in this catalogue are based on using a properly calibrated torque wrench with a clean, dry (non-lubricated) Atkore Unistrut fitting, bolt and nut. A lubricated bolt or nut can cause extremely high tension in the connection and may lead to bolt failure. It must be noted that the accuracy of commercial torque wrenches varies widely and it is the responsibility of the installer to ensure that proper bolt torque has been achieved.

PERFORMANCE

It should not be assumed that the performance of a Stainless Steel product is similar to that of its mild steel counterpart. Consult your local Technical Sales Manager for further information.

FITTING APPLICATION

All part drawings illustrate only one application of each fitting. In most cases, many other applications are possible. Load values are based on use of a PNP12 Unistrut nut and M12 bolt unless specified otherwise.

While effort has been made to ensure the accuracy of the information contained in this catalogue at the time of publication, we cannot accept responsibility for inaccuracies resulting from undetected errors or omissions.

E & O.E. Unistrut Limited has a policy of continuous product development and reserve the right to change specifications without prior notice.

STANDARDS

The standard requires that products are stamped with BSEN6946:1988 and also the name of the manufacturer.

We at Atkore Unistrut show that the standard is achieved by rolling the channel with the part number along with the full name of the Standard BSEN6946:1988, and also our own Atkore Unistrut branding. This is, as it should be, stamped into the Channel to ensure that you can clearly identify our product over the inferior product that is creeping into the market place.

The engraving should also be clearly visible at all times, even when the product has under gone further finishing treatments i.e. Hot Dip Galvanised, Epoxy Coating. Contractors and distributors should be aware of cheap imported and non-standard products that have removable or no product marking at all, as this is not within the standard.

Unistrut P1000

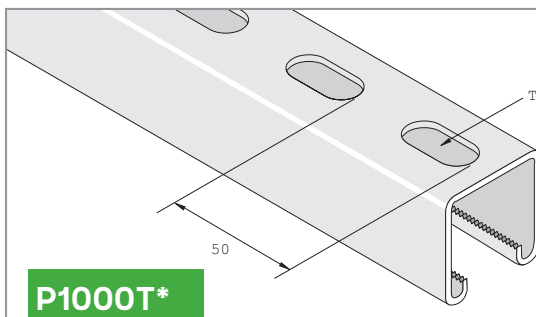## P1000

41

41

2,5mm
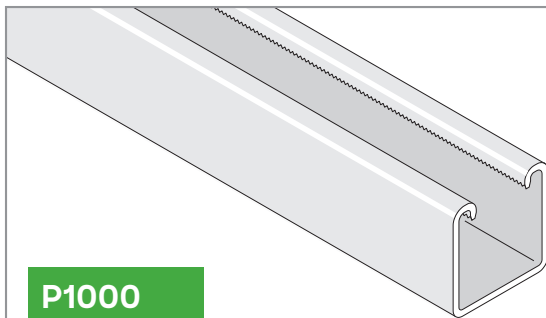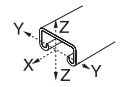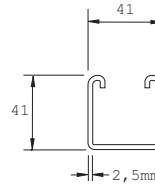
A = 3.35 cm²
⚖/m = 2.88 kg/m
I y–y = 7.21 cm⁴
Z y–y = 3.10 cm³
r y–y = 1.46 cm
I z–z = 9.23 cm⁴
Z z–z = 4.47 cm³
r z–z = 1.66 cm

HG PO PG SS

L(mm)	F		f=¹/₂₀₀ₗ	f=¹/₃₆₀ₗ	F (kN)
	σ =175 N/mm²	f	F (kN)	F (kN)	
	Fmax(kN)	fmax(mm)			
250	17.354	0.23	–	–	16.608
500	8.672	0.95	–	–	16.187
750	5.778	2.15	–	5.602	15.245
1000	4.336	3.82	–	3.149	13.685
1250	3.463	5.97	–	2.011	12.086
1500	2.884	8.60	2.521	1.393	10.722
1750	2.472	11.70	1.844	1.020	9.575
2000	2.168	15.29	1.413	0.785	8.623
2250	1.923	19.35	1.118	0.618	7.819
2500	1.727	23.89	0.903	0.500	7.112
2750	1.570	28.91	0.746	0.412	6.504*
3000	1.442	34.40	0.628	0.343	5.995*

*180 ≤ kL/r < 250

P1000T*

T

50

41

41

2,5mm
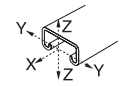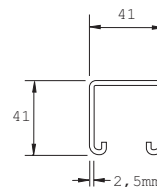
A = 3.00 cm²
⚖/m = 2.73 kg/m
I y–y = 6.10 cm⁴
Z y–y = 2.87 cm³
r y–y = 1.42 cm
I z–z = 9.17 cm⁴
Z z–z = 4.44 cm³
r z–z = 1.74 cm

HG PO PG SS

L(mm)	F		f=¹/₂₀₀ₗ	f=¹/₃₆₀ₗ	F (kN)
	σ =175 N/mm²	f	F (kN)	F (kN)	
	Fmax(kN)	fmax(mm)			
250	16.069	0.27	–	–	16.283
500	8.034	1.05	–	–	16.039
750	5.356	2.35	–	4.738	15.274
1000	4.012	4.18	–	2.659	13.626
1250	3.208	6.54	3.071	1.707	11.880
1500	2.678	9.41	2.129	1.177	10.418
1750	2.296	12.81	1.560	0.863	9.231
2000	2.001	16.73	1.197	0.657	8.270
2250	1.785	21.18	0.942	0.520	7.465
2500	1.599	26.15	0.765	0.422	6.779
2750	1.452	31.64	0.628	0.343	6.190*
3000	1.334	37.65	0.530	0.294	5.670*

*180 ≤ kL/r < 250

Part No.	Length M		Finish				Slot Size (T)	
	3	6	PO	PG	HG	SS	25x11	28x14
P1000	•	•	•	•	•	•		
P1000T	•	•	•	•	•	•		•
P1000T10	•	•	•	•	•	•	•	

Stated loadings apply to mild steel products only.
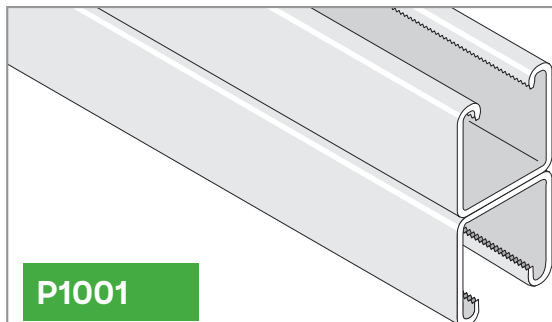
Atkore™ Unistrut

Unistrut P1001

P1001
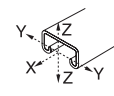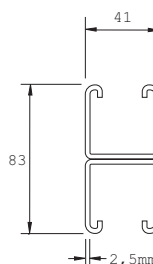
41
83
2,5mm

Y Z
X Z Y

A = 6.70 cm²
/m = 5.77 kg/m
l y–y = 36.27 cm⁴
Z y–y = 8.78 cm³
r y–y = 2.32 cm
l z–z = 18.46 cm⁴
Z z–z = 8.94 cm³
r z–z = 1.66 cm

HG PO PG SS

L(mm)	Fmax(kN)	fmax(mm)	f=¹/₂₀₀ₗ F (kN)	f=¹/₃₆₀ₗ F (kN)	F(kN)
250	-	-	-	-	28.253
500	-	-	-	-	28.096
750	16.383	1.21	-	-	27.792
1000	12.292	2.15	-	-	27.301
1250	9.830	3.36	-	-	26.438
1500	8.191	4.84	-	7.044	25.025
1750	7.024	6.59	-	5.170	23.220
2000	6.141	8.61	-	3.963	21.288
2250	5.454	10.89	-	3.129	19.394
2500	4.915	13.45	4.562	2.531	17.619
2750	4.464	16.27	3.767	2.090	15.990
3000	4.091	19.37	3.169	1.756	14.519*

σ =175 N/mm²

*180 ≤ kL/r < 250

HG	Continuously Seam Welded
SS	Spot Welded
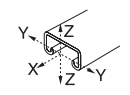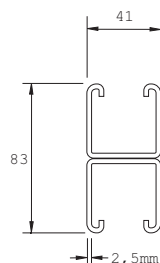
P1001T

T = 14 x 28 mm

41
83
2,5mm

Y Z
X Z Y

A = 6.00 cm²
/m = 5.47 kg/m
l y–y = 36.21 cm⁴
Z y–y = 8.77 cm³
r y–y = 2.45 cm
l z–z = 18.34 cm⁴
Z z–z = 8.88 cm³
r z–z = 1.74 cm

HG PO PG SS

L(mm)	Fmax(kN)	fmax(mm)	f=¹/₂₀₀ₗ F (kN)	f=¹/₃₆₀ₗ F (kN)	F(kN)
250	-	-	-	-	27.458
500	-	-	-	-	27.311
750	16.363	1.21	-	-	27.027
1000	12.272	2.15	-	-	26.585
1250	9.820	3.36	-	-	25.830
1500	8.182	4.84	-	7.034	24.584
1750	7.014	6.59	-	5.170	22.906
2000	6.131	8.61	-	3.953	21.042
2250	5.454	10.90	-	3.120	19.198
2500	4.905	13.46	4.552	2.531	17.452
2750	4.464	16.28	3.767	2.090	15.8520
3000	4.091	19.38	3.159	1.756	14.391*

σ =175 N/mm²

*180 ≤ kL/r < 250

HG	Continuously Seam Welded
PO PG SS	Spot Welded

Part No.	Length M		Finish				Slot Size (T)	
	3	6	PO	PG	HG	SS	25x11	28x14
P1001	•	•	•	•	•	•		
P1001T	•	•	•	•	•	•		•
P1001T10	•	•	•	•	•	•	•	

Stated loadings apply to mild steel products only.

Unistrut P3300

P3300

A	= 2.32 cm²
/m	= 1.91 kg/m
I y–y	= 1.19 cm⁴
Z y–y	= 0.97 cm³
r y–y	= 0.71 cm
I z–z	= 5.34 cm⁴
Z z–z	= 2.59 cm³
r z–z	= 1.51 cm

41
21
2,5mm
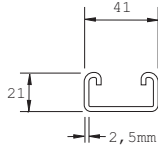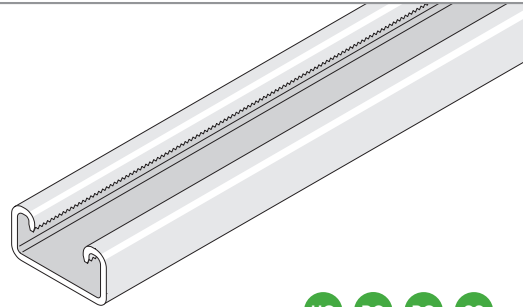
HG PO PG SS

L(mm)	F, σ =175 N/mm²		f=$^1/_{200L}$	f=$^1/_{360L}$	F (kN)
	Fmax(kN)	fmax(mm)	F (kN)	F (kN)	
250	5.425	0.45	–	–	10.222
500	2.708	1.81	–	2.080	9.761
750	1.805	4.07	1.658	0.922	8.427
1000	1.354	7.24	0.932	0.520	6.769
1250	1.079	11.32	0.598	0.324	5.376
1500	0.903	16.30	0.412	0.226	4.287*
1750	0.775	22.19	0.304	–	3.463*
200	0.677	28.99	0.226	–	–

*180 ≤ kL/r < 250
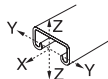
P3300T10

A	= 2.075 cm²
/m	= 1.76 kg/m
I y–y	= 1.04 cm⁴
Z y–y	= 0.92 cm³
r y–y	= 0.71 cm
I z–z	= 5.32 cm⁴
Z z–z	= 2.57 cm³
r z–z	= 1.61 cm

41
21
2,5mm
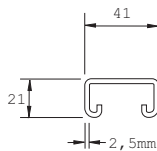
T = 11 x 25 mm
50
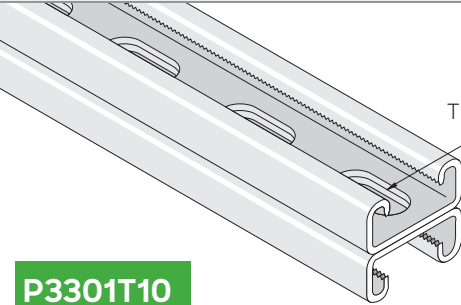
HG PO PG SS

L(mm)	F, σ =175 N/mm²		f=$^1/_{200L}$	f=$^1/_{360L}$	F (kN)
	Fmax(kN)	fmax(mm)	F (kN)	F (kN)	
250	5.152	0.49	–	–	–
500	2.576	1.97	–	1.819	–
750	1.717	4.42	1.455	0.809	–
1000	1.288	7.87	0.819	0.455	–
1250	1.030	12.29	0.524	0.291	–
1500	0.859	17.70	0.364	–	–
1750	0.736	24.09	0.267	–	–
2000	0.644	31.46	–	–	–
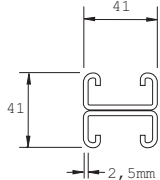
Part No.	Length M		Finish			
	3	6	PO	PG	HG	SS
P3300	•	•	•	•	•	•
P3300T10	•	•	•	•	•	•
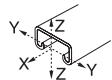
Stated loadings apply to mild steel products only.

Unistrut P3301

P3301T10

T=14mm x 28mm

41

41

2,5mm

Y Z
X Z Y

A = 4.09 cm²
/m = 3.53 kg/m
I y–y = 6.42 cm⁴
Z y–y = 2.97 cm³
r y–y = 1.25 cm
I z–z = 10.64 cm⁴
Z z–z = 5.14 cm³
r z–z = 1.61 cm

HG **PO** **PG** **SS**

L(mm)	F σ =175 N/mm²		f=¹/₂₀₀L	f=¹/₃₆₀L	F(kN)
	Fmax(kN)	fmax(mm)	F (kN)	F (kN)	
250	16.632	0.26	–	–	17.266
500	8.316	1.03	–	–	17.030
750	5.544	2.31	–	4.991	16.599
1000	4.158	4.11	–	2.808	15.667
1250	3.326	6.43	3.234	1.797	14.156
1500	2.772	9.26	2.246	1.248	12.478
1750	2.376	12.60	1.650	0.917	10.899
2000	2.079	16.45	1.263	0.702	9.496
2250	1.848	20.83	0.998	0.555	8.289*
2500	1.663	25.71	0.809	0.449	7.250*
2750	1.512	31.11	0.668	0.371	6.377*
3000	1.386	37.02	0.562	0.312	–

*180 ≤ kL/r < 250

HG Continuously Seam Welded

PO **PG** **SS** Spot Welded
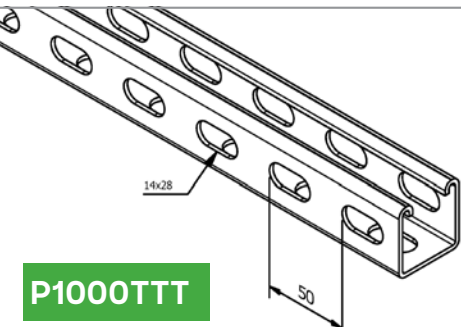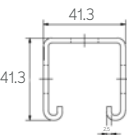
Part No.	Length M			Finish			
	3	6		PO	PG	HG	SS
P3301T10	•	•		•	•	•	•

Stated loadings apply to mild steel products only.

Triple T (TTT)

P1000TTT

14x28

50

41.3

41.3

· Triple Slotted Design
· Multiple Fixing Points
· Quick On–Site Configuration

PG **HG** **SS**
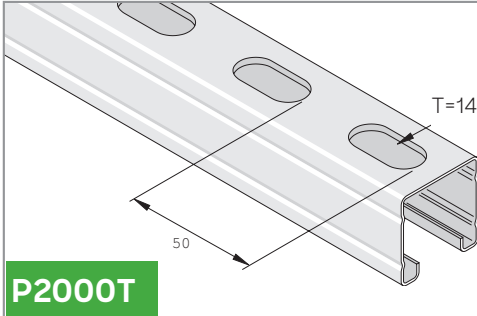
L(mm)	F σ =175 N/mm²		f=¹/₂₀₀L	f=¹/₃₆₀L	F(kN)
	Fmax(kN)	fmax(mm)	F (kN)	F (kN)	
250	15.266	0.27	–	–	15.426
500	7.632	1.05	–	–	15.237
750	5.088	2.35	–	4.738	14.510
1000	3.811	4.18	–	2.659	12.945
1250	3.048	6.54	3.071	1.707	11.286
1500	2.544	9.41	2.129	1.177	9.897
1750	2.181	12.81	1.560	0.863	8.769
2000	1.901	16.73	1.197	0.657	7.857
2250	1.696	21.18	0.942	0.520	7.092
2500	1.519	26.15	0.765	0.422	6.440
2750	1.379	31.64	0.628	0.343	5.881
3000	1.267	37.65	0.530	0.294	5.387

Triple T is also available in C41 & Back–to–Back on request.
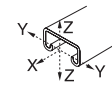
Contact our team today for more information.

Unistrut P2000 & P4000

P2000T

T=14mm x 28mm

41

41

1.5mm

50

Y Z
X Z Y

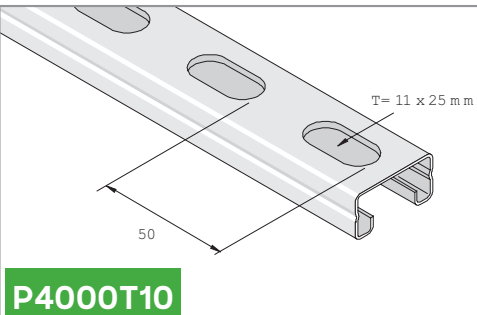| A	=	1.92 cm²
/m	=	1.72 kg/m
I y-y	=	4.24 cm⁴
Z y-y	=	2.04 cm³
r y-y	=	1.48 cm
I z-z	=	6.10 cm⁴
Z z-z	=	2.95 cm³
r z-z	=	1.78 cm
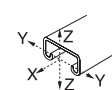
HG **PO** **PG**

* K. L / r = >180< 250

L(mm)	F		σ =175 N/mm²	f=¹/₂₀₀ₗ	f=¹/₃₆₀ₗ	F (kN)
	Fmax(kN)	fmax(mm)		F (kN)	F (kN)	
250	11.42	0.26		–	–	11.35
500	5.71	1.06		–	–	10.87
750	3.81	2.40		–	3.30	10.65
1000	2.85	4.27		*–	1.85	9.30
1250	2.28	6.68		2.13	1.18	7.79
1500	1.90	9.62		1.48	0.82	6.54
1750	1.63	13.10		1.09	0.60	5.55
2000	1.42	17.11		0.83	0.46	4.78
2250	1.27	21.65		0.66	0.36	4.17
2500	1.14	26.73		0.53	0.29	3.69
2750	1.03	32.35		0.43	0.24	3.30*
3000	0.95	38.50		0.36	0.21	3.05*

P4000T10

T= 11 x 25 mm

41

21

1.5mm

50

Y Z
X Z Y

A	=	1.34 cm²
/m	=	1.16 kg/m
I y-y	=	0.78 cm⁴
Z y-y	=	0.71 cm³
r y-y	=	0.76 cm
I z-z	=	3.66 cm⁴
Z z-z	=	1.77 cm³
r z-z	=	1.65 cm
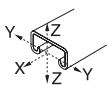
HG **PO** **PG**

L(mm)	F		σ =175 N/mm²	f=¹/₂₀₀ₗ	f=¹/₃₆₀ₗ	F (kN)
	Fmax(kN)	fmax(mm)		F (kN)	F (kN)	
250	3.976	0.51		–	–	–
500	1.988	2.02		–	1.364	–
750	1.325	4.55		1.092	0.606	–
1000	0.994	8.09		0.614	0.341	–
1250	0.795	12.65		0.393	0.218	–
1500	0.663	18.21		0.273	–	–
1750	0.568	24.79		–	–	–
2000	0.497	32.38		–	–	–
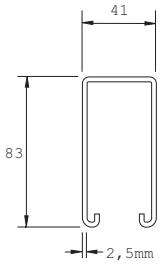
Part No.	Length M			Finish		
	3	6		PO	PG	HG
P2000T	•	•		•	•	•
P4000T10	•	•			•	
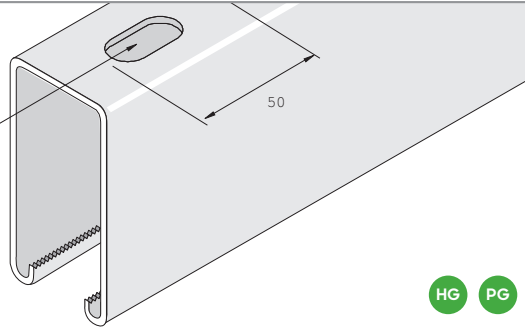
Stated loadings apply to mild steel products only.

Unistrut P5000

P5000T

A = 5.06 cm²
🏋 /m = 4.05 kg/m
I y–y = 37.76 cm⁴
Z y–y = 9.01 cm³
r y–y = 2.72 cm
I z–z = 16.95 cm⁴
Z z–z = 8.21 cm³
r z–z = 1.82 cm

41
83
2,5mm

T= 14 x 28 mm
50
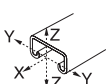
HG **PG**
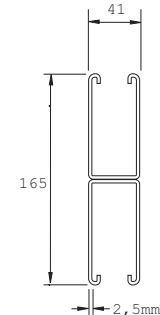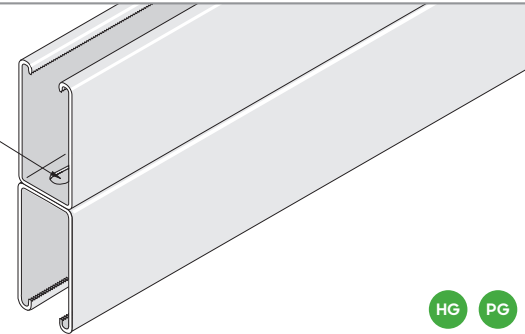
L(mm)	F — Fmax(kN)	f — fmax(mm)	$f=^1/_{200L}$ F (kN)	$f=^1/_{360L}$ F (kN)	F(kN)
	σ =132 N/mm²				
250	-	-	-	-	19.620
500	-	-	-	-	19.355
750	12.596	0.89	-	-	16.422
1000	9.447	1.59	-	-	12.822
1250	7.554	2.48	-	-	10.124
1500	6.298	3.58	-	-	8.182
1750	5.396	4.86	-	-	6.769
2000	4.719	6.36	-	4.120	5.719
2250	4.199	8.05	-	3.257	4.934
2500	3.777	9.93	-	2.639	4.326
2750	3.434	12.02	-	2.178	3.846
3000	3.149	14.31	-	1.834	3.453

Unslotted version available on request.

P5001T

A = 10.12 cm²
🏋 /m = 8.11 kg/m
I y–y = 243.16 cm⁴
Z y–y = 29.44 cm³
r y–y = 4.90 cm
I z–z = 33.90 cm⁴
Z z–z = 16.42 cm³
r z–z = 1.83 cm

41
165
2,5mm

T= 14 x 28 mm

HG **PG**
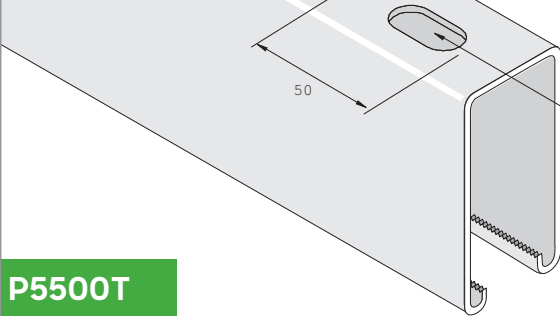
L(mm)	F — Fmax(kN)	f — fmax(mm)	$f=^1/_{200L}$ F (kN)	$f=^1/_{360L}$ F (kN)	F(kN)
	σ =132 N/mm²				
250	-	-	-	-	34.266
500	-	-	-	-	34.129
750	-	-	-	-	33.825
1000	-	-	-	-	33.432
1250	24.535	1.25	-	-	32.864
1500	20.444	1.80	-	-	32.010
1750	17.521	2.45	-	-	30.764
2000	15.333	3.20	-	-	29.165
2250	13.626	4.05	-	-	27.350
2500	12.263	5.00	-	-	25.467
2750	11.154	6.05	-	-	23.613
3000	10.222	7.21	-	-	21.847
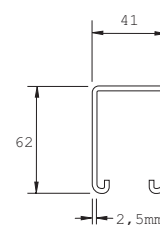
HG **PG** Spot Welded
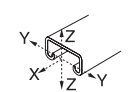
Part No.	Length M			Finish	
	3	6		PG	HG
P5000T	•	•		•	•
P5001T	•	•		•	•

Stated loadings apply to mild steel products only.

Unistrut P5500

P5500T

T= 14 x 28 ı

50

41

62

2,5mm
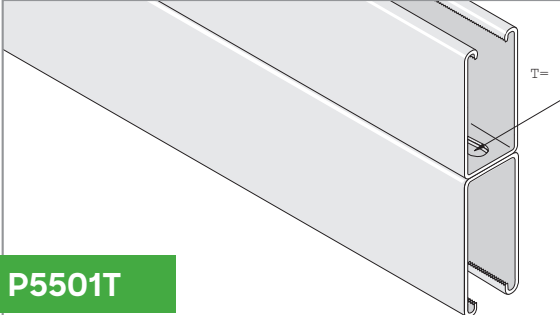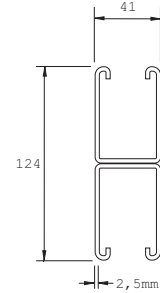
A = 4.03 cm²
/m = 3.60 kg/m
I y-y = 17.57 cm⁴
Z y-y = 5.59 cm³
r y-y = 2.09 cm
I z-z = 13.07 cm⁴
Z z-z = 6.33 cm³
r z-z = 1.79 cm
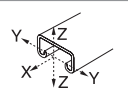
HG **PG**

L(mm)	F		f=$^1/_{200L}$	f=$^1/_{360L}$	F$_{(kN)}$
	σ=167 N/mm²				
	Fmax(kN)	fmax(mm)	F (kN)	F (kN)	
250	-	-	-	-	20.277
500	-	-	-	-	20.081
750	9.928	1.50	-	-	18.443
1000	7.446	2.67	-	-	15.245
1250	5.955	4.18	-	4.944	12.557
1500	4.964	6.02	-	3.434	10.507
1750	4.248	8.19	-	2.521	8.966
2000	3.718	10.70	3.473	1.923	7.789
2250	3.306	13.55	2.747	1.521	6.867
2500	2.972	16.73	2.217	1.236	6.141
2750	2.708	20.24	1.834	1.020	5.543
3000	2.482	24.09	1.540	0.853	5.042

P5501T

T= 14 x 28 ı

41

124

2,5mm

A = 8.06 cm²
/m = 7.21 kg/m
I y-y = 109.74 cm⁴
Z y-y = 17.70 cm³
r y-y = 3.69 cm
I z-z = 26.14 cm⁴
Z z-z = 12.66 cm³
r z-z = 1.80 cm

HG **PG**

HG **PG** Spot Welded

L(mm)	F		f=$^1/_{200L}$	f=$^1/_{360L}$	F$_{(kN)}$
	σ=167 N/mm²				
	Fmax(kN)	fmax(mm)	F (kN)	F (kN)	
250	-	-	-	-	34.747
500	-	-	-	-	34.590
750	-	-	-	-	34.257
1000	-	-	-	-	33.766
1250	-	-	-	-	32.971
1500	15.745	3.07	-	-	31.677
1750	13.499	4.18	-	-	29.822
2000	11.811	5.47	-	-	27.674
2250	10.497	6.92	-	9.476	25.457
2500	9.477	8.54	-	7.671	23.299
2750	8.584	10.34	-	6.337	21.288
3000	7.868	12.30	-	5.327	19.443

Part No.	Length M		Finish	
	3	6	PG	HG
P5500T	•	•	•	•
P5501T		•	•	•

Stated loadings apply to mild steel products only.

Unistrut P1000 Special Channels

P1000 Special Channels require a minimum order quantity

P1003-1		P1003		P1001-A		P1001-B	
L=3m	HG PG	L=3m	HG	L=6m	HG	L=6m	HG

P1001-C		P1004		P1001-3		P1001-A3	
L=6m	HG	L=6m	HG	L=6m	HG	L=6m	HG

P1001-B3		P1001-C3		P1001-C31		P1001-C32	
L=6m	HG	L=6m	HG	L=6m	HG	L=6m	HG

P1001-C33		P1001-C41		P1001-C43		P1001-C42	
L=6m	HG	L=6m	HG	L=6m	HG	L=6m	HG
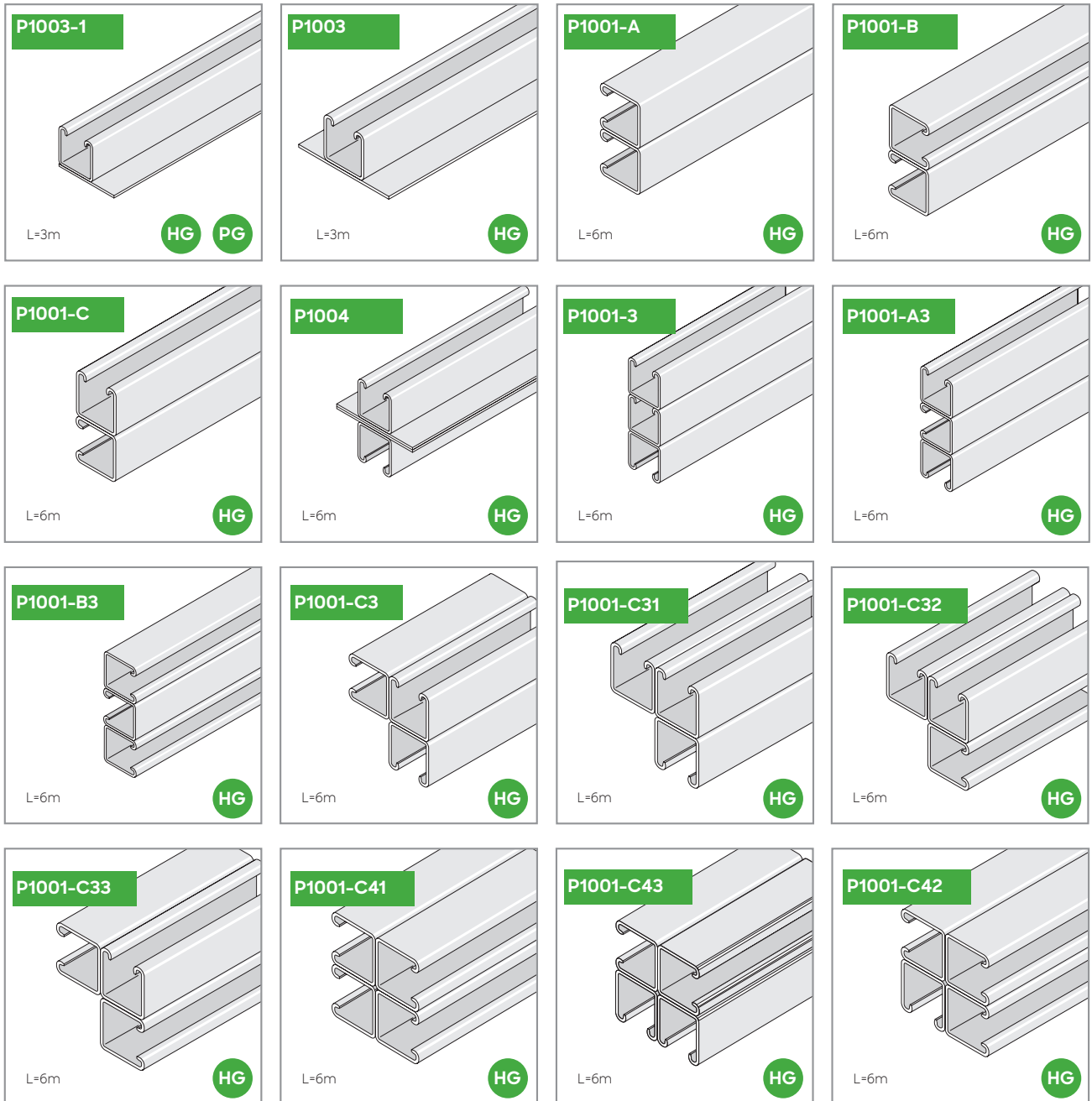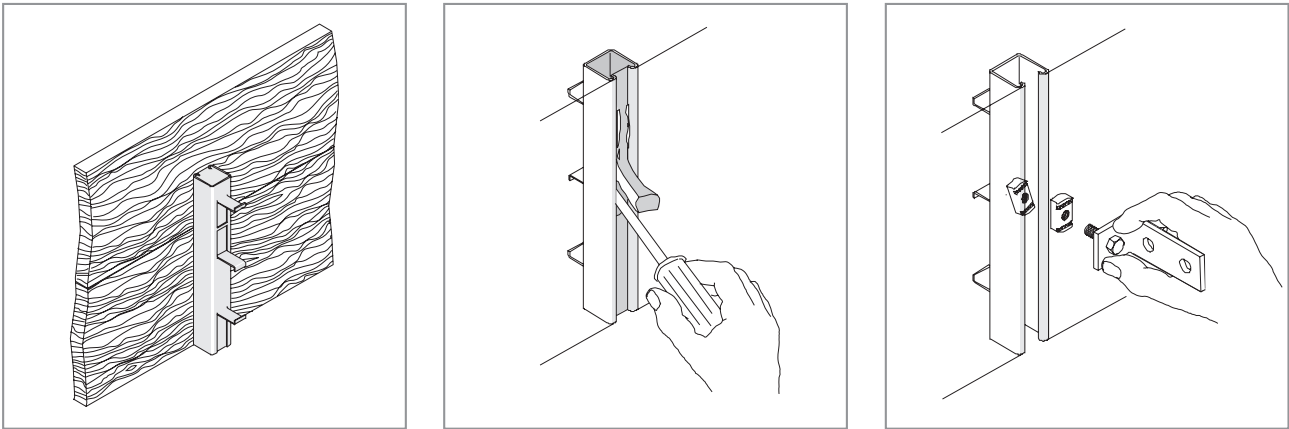
Concrete Inserts

Concrete Inserts

Atkore Unistrut concrete inserts are manufactured from standard Unistrut channel and may be installed in floors, walls, or ceilings for the support of all types of piping, conduit, cable support, and other industrial equipment.

Channel nuts can be positioned anywhere along the length of the channel, providing a means of attaching fittings or rods where required.

Atkore Unistrut inserts are available pre-filled with an easily removable foam to prevent the ingress of grout and cement.

Concrete inserts can be supplied in Pre Galvanised, Hot-Dip Galvanised and Stainless Steel finishes.

P3270 HG PG SS

L= 6 m
100 mm
100 mm
A
41
21
2,5
79
41

P3370 HG PG SS

L= 6 m
100 mm
100 mm
A
41
21
2,5
59
21
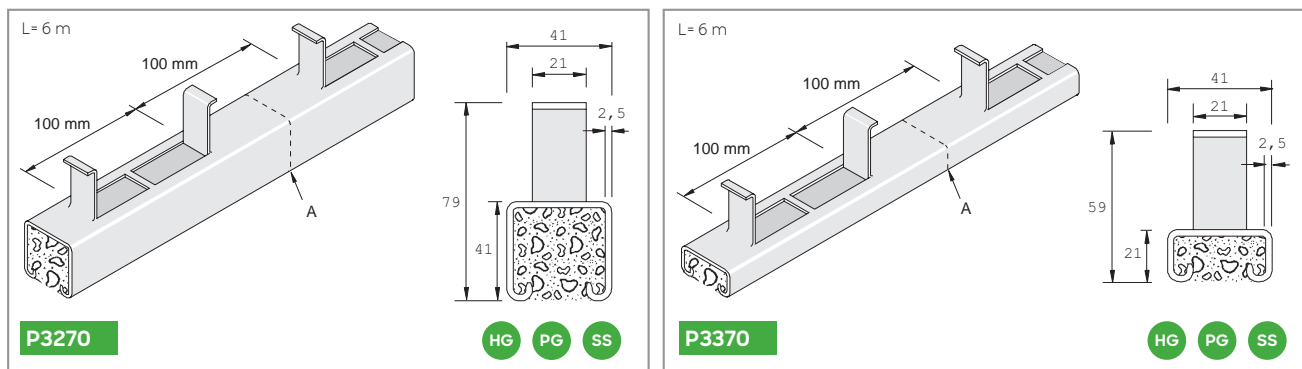
P3270 inserts are designed to accommodate M6, M8, M10, M12 & M16 fixings. Cutting positions are located between lugs as indicated (A) in increments of 200mm.

The recommended loading in average strength concrete* with a safety factor of 3, is:

Part No.	Pullout	Length
P3270	8.8kN	300mm

*B = 25 N/mm^2

Stated loadings apply to mild steel products only.

P3370 inserts are designed to accommodate M6, M8, M10 & M12 fixings. Cutting positions are located between lugs as indicated (A) in increments of 200mm

The recommended loading in average strength concrete* with a safety factor of 3, is:

Part No.	Pullout	Length
P3370	6.7kN	300mm

*B = 25 N/mm^2

Atkore™ Unistrut

Unistrut Channel Nuts

Suitable for P1000, P2000 & P3270

PNL06-PNL12A

HG **SS** **ZP**

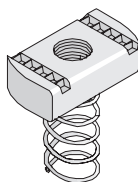| Part No.	Finish			Thread Size	⚖/100	📦
	ZP	HG	SS			
PNL06	·	·	·	M6	3.26	100
PNL08	·	·	·	M8	3.53	100
PNL10	·	·	·	M10	3.95	100
PNL12	·	·		M12	4.78	100
PNL12A	·	·	·	M12	3.43	100

Suitable for P3300, P4000 & P3370
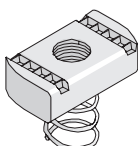
PNS06-PNS12A

HG **SS** **ZP**

Part No.	Finish			Thread Size	⚖/100	📦
	ZP	HG	SS			
PNS06	·	·	·	M6	3.1	100
PNS08	·	·	·	M8	3.5	100
PNS10	·	·	·	M10	3.9	100
PNS12A	·	·	·	M12	3.6	100

Suitable for P1000, P2000, P3300, P4000, P5000, P5500, P3270 & P3370
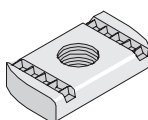
PNP06-PNP12A

HG **SS** **ZP**

Part No.	Finish			Thread Size	⚖/100	📦
	ZP	HG	SS			
PNP06	·	·	·	M6	3.10	100
PNP08	·	·	·	M8	3.40	100
PNP10	·	·	·	M10	3.80	100
PNP12*	·	·		M12	4.68	100
PNP12A	·	·	·	M12	3.43	100

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

Suitable for P1000, P5000, P5500 & P3270
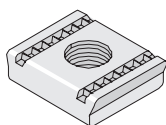
PNP16

ZP

Part No.	Finish ZP	Thread Size	⚖/100	📦
PNP16*	·	M16	8.00	100
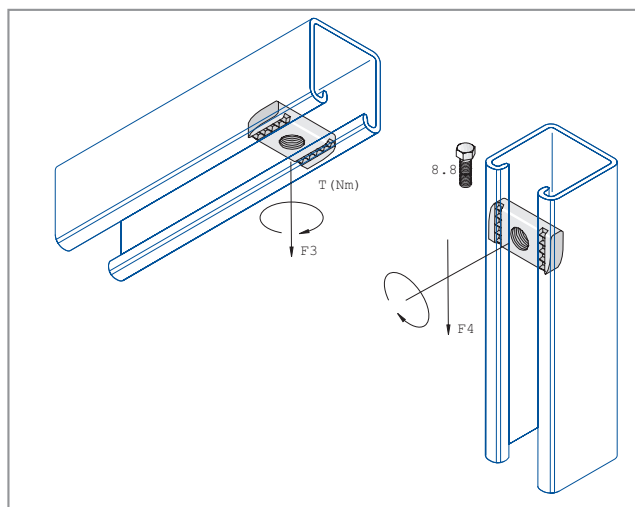
	Part No. ZP	T (Nm)	F3 kN
P1000 41 41	PNP06	12	4.20
	PNP08	28	4.70
	PNP10	55	6.00
	PNP12	70	8.00
	PNP16	125	10.30
P3300 41 21	PNS06	12	4.20
	PNS08	28	4.70
	PNS10	55	6.00
	PNS12A	60	6.00
P4000 41 21	PNL06	12	4.20
	PNL08	28	4.70
	PNL10	40	6.00
	PNL12A	60	8.00

	Part No. SS	T (Nm)	F3 kN
P1000 41 41	PNP06	6.5	2.20
	PNP08	16	3.97
	PNP10	31.5	6.00
	PNP12A	55	6.00
P3300 41 21	PNP06	6.5	2.45
	PNP08	16	4.41
	PNP10	31.5	6.86
	PNP12A	55	6.86

Contact our technical team today for further information.

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

Unistrut Stud Nuts

Part No.	Finish	L	
	ZP		
M6X30SN	·	18.5mm	100

Part No.	Finish		L	
	ZP	SS		
M8X30SN	·		15.5mm	100
M8X40SN	·	·	25.5mm	100
M8X50SN	·		35.5mm	100
M8X60SN	·		45.5mm	100
M8X75SN	·		60.5mm	100
M8X100SN			85.5mm	100

Part No.	Finish		L	
	ZP	SS		
M10X30SN	·		13mm	100
M10X40SN	·	·	23mm	100
M10X50SN	·		33mm	100
M10X60SN	·		43mm	100
M10X75SN	·		68mm	100
M10X100SN	·		83mm	100

Part No.	Finish		L	
	ZP	SS		
M12X30SN	·		11mm	100
M12X40SN	·	·	21mm	100
M12X50SN	·		31mm	100
M12X60SN	·		41mm	100
M12X75SN	·		56mm	100
M12X100SN	·		81mm	100

Part No.	Finish	L	
	ZP		
M16X63SN*	·	40mm	100
M16X102SN*	·	79mm	100

SN · SS · ZP
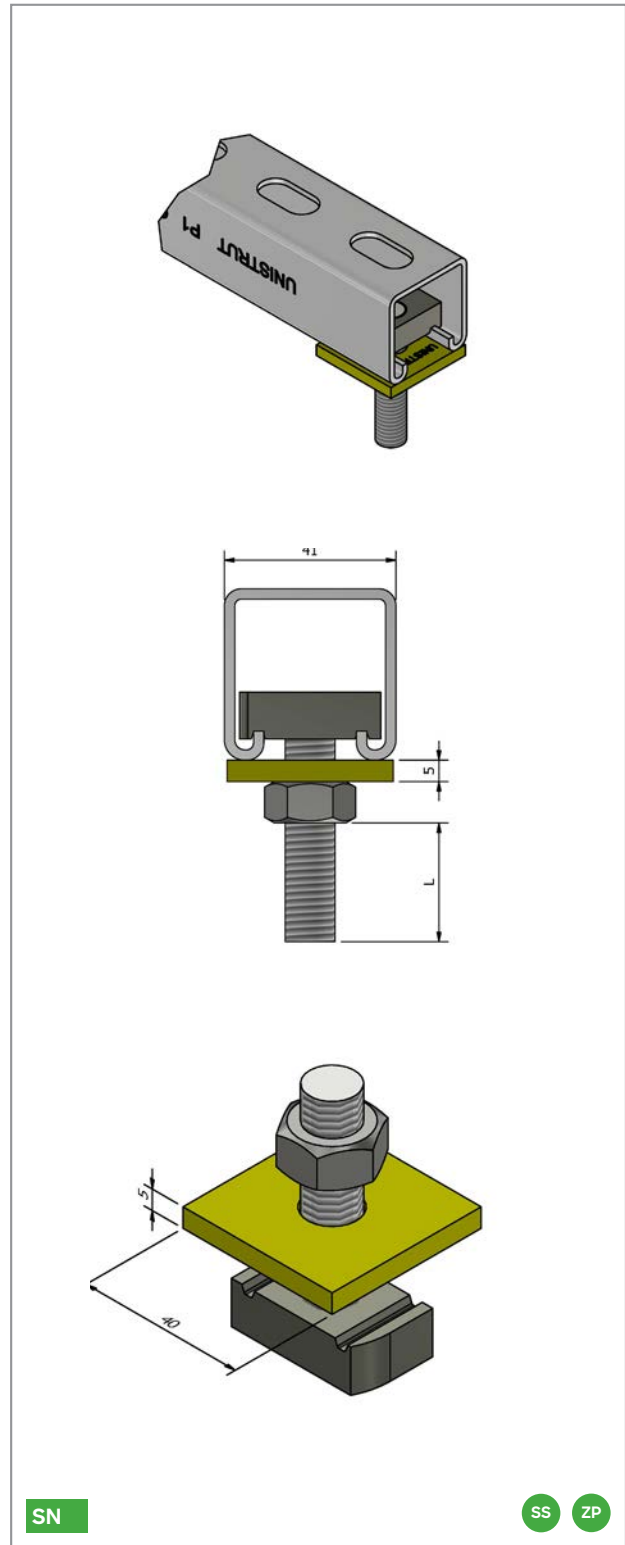
* Hot forged

Unistrut Flat Fittings
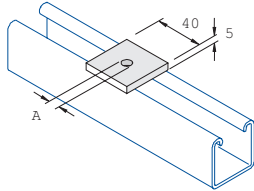
P1019 / P1020 HG SS

Part No.	Finish		(mm)	⬤	⚖	📦
	HG	SS				
P1019	·	·	9	M6/M8	0.06	100
P1020	·	·	13	M10/M12	0.06	100
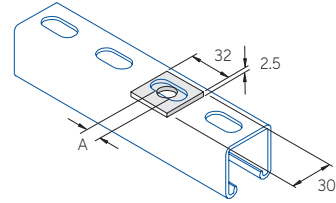
P1063/06 – P1063/12 HG SS

Part No.	Finish		(mm)	⬤	⚖	📦
	PG	SS				
P1063/06	·	·	8	M6	0.02	200
P1063/08	·	·	10	M8	0.02	200
P1063/10	·	·	12	M10	0.02	200
P1063/12	·	·	14	M12	0.02	200
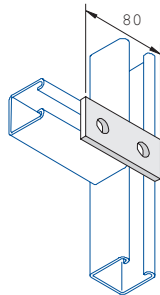
P1065 HG SS

Part No.	Finish		(mm)	⚖	📦
	HG	SS			
P1065	·	·	8	0.17	20
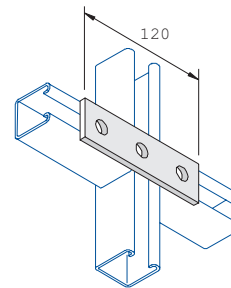
P1066 HG SS

Part No.	Finish		⚖	📦
	HG	SS		
P1066	·	·	0.25	20

*Not Structural Coupler
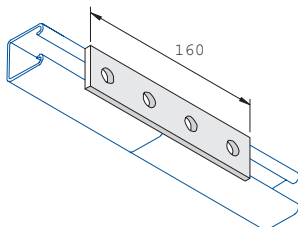
P1067 HG SS

Part No.	Finish		⚖	📦
	HG	SS		
P1067	·	·	0.35	20
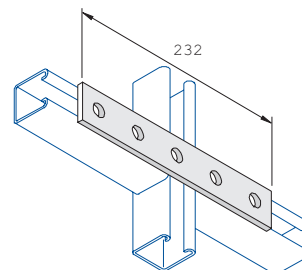
P1941 HG SS

Part No.	Finish		⚖	📦
	HG	SS		
P1941	·	·	0.43	20

Unistrut Flat Fittings
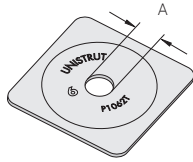
P1062T/P1064T — PG

Part No.	Finish PG	(mm)	🔩	⚖/100	📦
P1062T	·	8	M6	3.0	100
P1062AT	·	10	M8	3.0	100
P1063T	·	12	M10	3.0	100
P1064T	·	14	M12	3.0	100
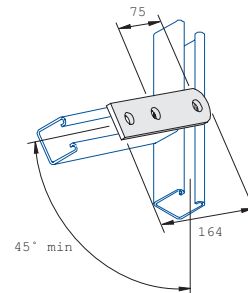
P2322 — HG

Part No.	Finish HG	⚖	📦
P2322	·	0.34	25
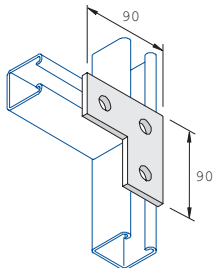
P1036 — HG SS

Part No.	Finish HG	SS	⚖	📦
P1036	·	·	0.26	25
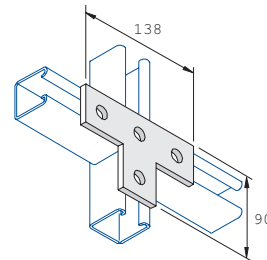
P1031 — HG SS

Part No.	Finish HG	SS	⚖	📦
P1031	·	·	0.36	25
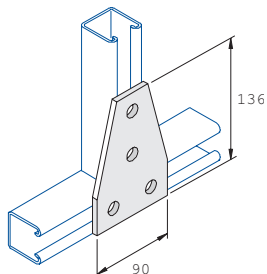
P1358 — HG SS

Part No.	Finish HG	SS	⚖	📦
P1358	·	·	0.48	10
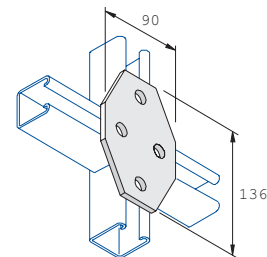
P1580 — HG SS

Part No.	Finish HG	SS	⚖	📦
P1580	·	·	0.37	10

Unistrut Angle Fittings
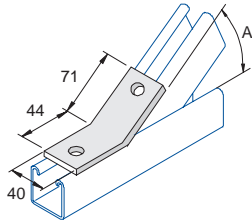
P1546, P2095 & P2097   HG SS

Part No.	Finish		A°	W	▱
	HG	SS			
P1546	·	·	45°	0.26	10
P2097	·	·	60°	0.26	10
P2095	·	·	75°	0.26	10
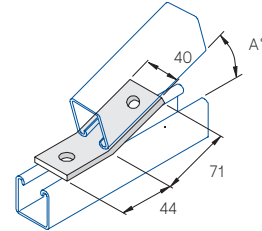
P2101 – P2103   HG

Part No.	Finish	A°	W	▱
	HG			
P2101	·	30°	0.26	10
P2103	·	15°	0.26	10
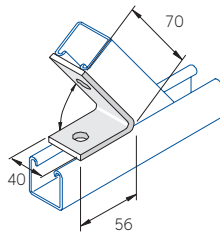
P1186, P2106 & P2108   HG SS

Part No.	Finish		A°	W	▱
	HG	SS			
P1186	·	·	45°	0.26	20
P2106	·	·	75°	0.26	10
P2108	·	·	60°	0.26	20
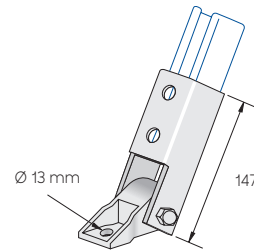
P2815S   ZP

Part No.	Finish	W	▱
	ZP		
P2815S	·	1.53	10
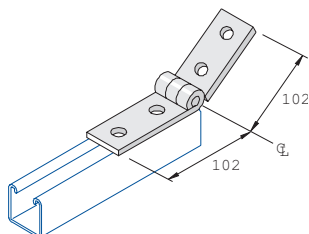
P1354   ZP

Part No.	Finish	W	▱
	ZP		
P1354	·	0.55	20
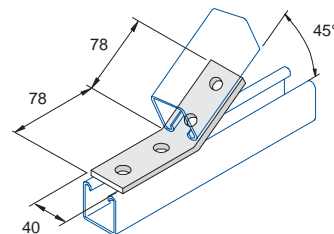
P1074   HG SS

Part No.	Finish		W	▱
	HG	SS		
P1074	·	·	0.35	20

Unistrut Angle Fittings
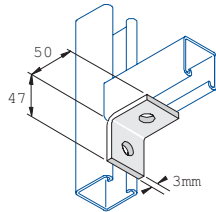
P1026-S1 — ZP

Part No.	Finish ZP	W	▱
P1026-S1	·	0.07	100
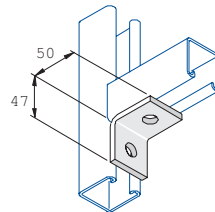
P1026 — HG SS

Part No.	Finish		W	▱
	HG	SS		
P1026	·	·	0.17	100
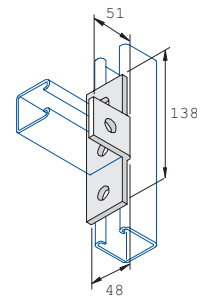
P1033 — HG SS

Part No.	Finish		W	▱
	HG	SS		
P1033	·	·	0.36	25
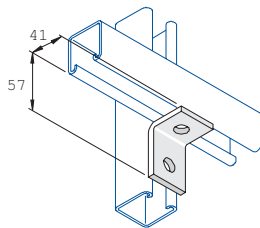
P1068 — HG SS

Part No.	Finish		W	▱
	HG	SS		
P1068	·	·	0.17	25

P2484 — HG SS

Fmax= 4 kN
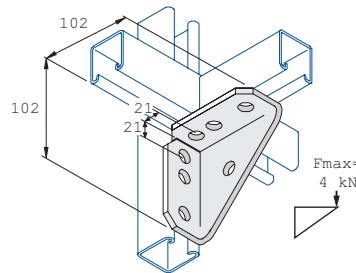
Part No.	Finish		W	▱
	HG	SS		
P2484	·	·	0.61	10

P1326 — HG SS

Part No.	Finish		W	▱
	HG	SS		
P1326	·	·	0.26	25

P1325 — HG SS

Stated loadings apply to mild steel products only.

Part No.	Finish		W	▱
	HG	SS		
P1325	·	·	0.35	25

Metal Framing

Part No.	Finish		⚖	📦
	HG	SS		
P1346	·	·	0.26	20

Part No.	Finish		⚖	📦
	HG	SS		
P1037	·	·	0.26	10

Part No.	Finish		⚖	📦
	HG	SS		
P1458	·	·	0.26	10

Part No.	Finish HG	⚖	📦
P1038	·	0.26	10

Part No.	Finish		⚖	📦
	HG	SS		
P1278	·	·	0.26	20

Part No.	Finish		⚖	📦
	HG	SS		
P1359	·	·	0.48	10

Part No.	Finish		⚖	📦
	HG	SS		
P1727	·	·	0.70	10

Stated loadings apply to mild steel products only.

Base Fittings & Wing Fittings

P2072-S1 · HG · SS

Part No.	Finish		w	
	HG	SS		
P2072-S1	·	·	0.48	10

P2072-S2 · HG · SS

Part No.	Finish		w	
	HG	SS		
P2072-S2	·	·	0.33	10

P2072-S3 · HG

Part No.	Finish	w	
	HG		
P2072-S3	·	0.30	10

P2073 · HG · SS

Part No.	Finish		w	
	HG	SS		
P2073	·	·	0.98	10

P2072A · HG · SS

Part No.	Finish		w	
	HG	SS		
P2072A	·	·	1.70	10

P2073A · HG · SS

Part No.	Finish		w	
	HG	SS		
P2073A	·	·	1.80	10

P2348-S1 · HG · SS

Part No.	Finish		w	
	HG	SS		
P2348-S1	·	·	1.95	1

P2348-S2 · HG · SS

Part No.	Finish		w	
	HG	SS		
P2348-S2	·	·	2.15	1
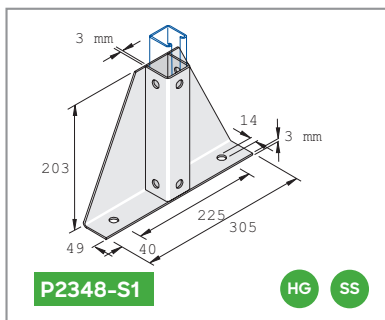
P2346 · HG · SS

Part No.	Finish		w	
	HG	SS		
P2346	·	·	0.68	10

P2341R · HG · SS

Part No.	Finish		w	
	HG	SS		
P2341R	·	·	0.21	25

P2341L · HG · SS

Part No.	Finish		w	
	HG	SS		
P2341L	·	·	0.21	25

P2223 · HG · SS

Part No.	Finish		w	
	HG	SS		
P2223	·	·	0.35	25

U & Z Fittings

P4047   HG SS

Part No.	Finish		W	
	HG	SS		
P4047	·	·	0.32	10
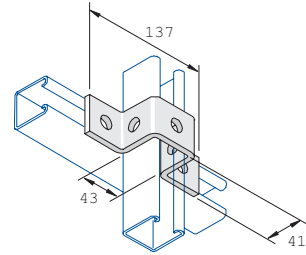
P1047   HG SS

Part No.	Finish		W	
	HG	SS		
P1047	·	·	0.40	10
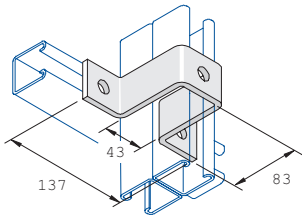
P1737   HG SS

Part No.	Finish		W	
	HG	SS		
P1737	·	·	0.58	10
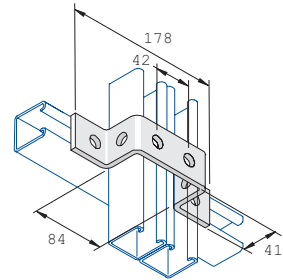
P1043   HG SS

Part No.	Finish		W	
	HG	SS		
P1043	·	·	0.48	20
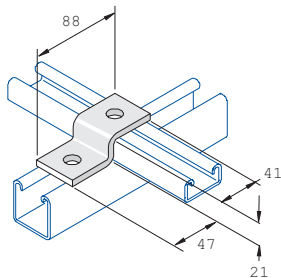
P4045   HG SS

Part No.	Finish		W	
	HG	SS		
P4045	·	·	0.21	20
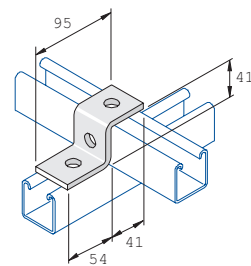
P1045   HG SS

Part No.	Finish		W	
	HG	SS		
P1045	·	·	0.25	20

U & Z Fittings & Channel Couplers
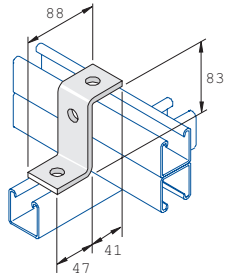
P1453 HG SS

Part No.	Finish		W	📦
	HG	SS		
P1453	·	·	0.32	25
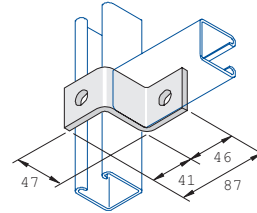
P1347 HG SS

Part No.	Finish		W	📦
	HG	SS		
P1347	·	·	0.25	25
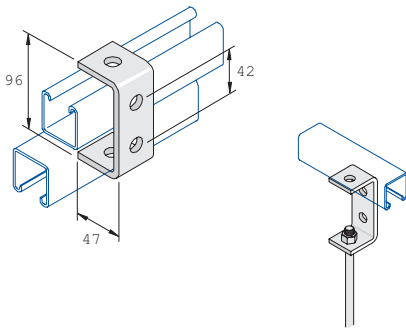
P1044 HG SS

Part No.	Finish		W	📦
	HG	SS		
P1044	·	·	0.32	25

Recommended for continuous beam
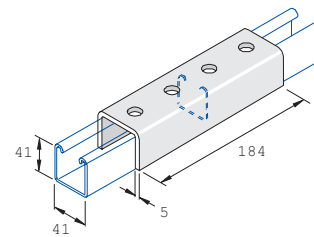
P1377 HG SS

Part No.	Finish		W	📦
	HG	SS		
P1377	·	·	1.20	10
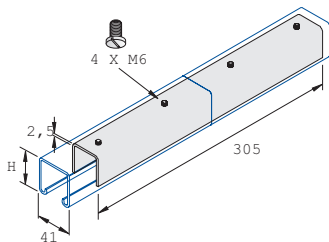
4 X M6

2,5

H

305

41

H=21 P1219

H=41 P1218

P1218 PG SS

Part No.	Finish		W	📦
	PG	SS		
P1218	·	·	0.56	10

Beam Clamps

P2785 – P2787

* Used in pair

22mm Max.
75
T= 22Nm
M10
5
Hu
H
3200 N
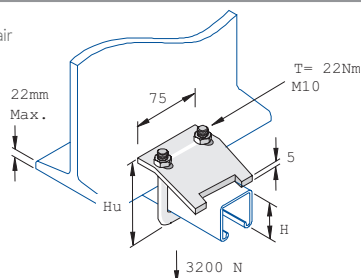
Loadings are per beam clamp and used in pairs.
Mild steel u bolts are zinc plated.

HG **SS**

Part No.	Finish		H (mm)	Hu (mm)	⬇	📦
	HG	SS				
P2785	·	·	21–41	86	0.31	20
P2786	·	·	62–83	127	0.35	20
P2787	·		124–164	209	0.43	20

P3087

A = 400mm Max
P3087=P3087A + P3087B
M10 x 4
3087B
5
T 22 Nm
3087A
2.7 kN
2.4 kN
A

Dim A -23mm
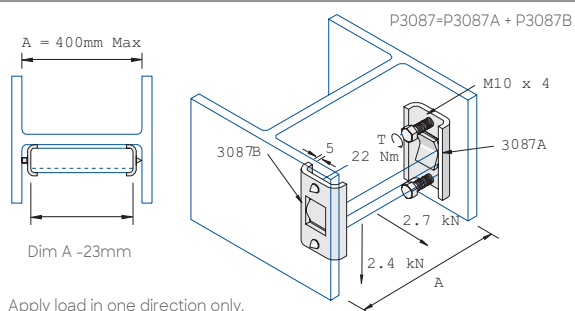
Apply load in one direction only.
Mild steel cone pointed screws are zinc plated.

HG **SS**

Part No.	Finish		⬇	📦
	HG	SS		
P3087	·	·	0.67	10

P1983
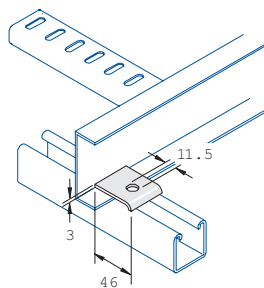
T= 20 Nr
M12 x 4
12
14
65
50
2700N

HG **SS**

Part No.	Finish		⬇	📦
	HG	SS		
P1983	·	·	0.39	10

P1386-S1

11.5
3
46

ZP

Part No.	Finish	⬇	📦
	ZP		
P1386-S1	·		20

P1386

* Used in pair

13 mm max.
5
T= 70 Nm
M12 x 40
(not Incl.)
52
P1000: 1900
P2000: 1900
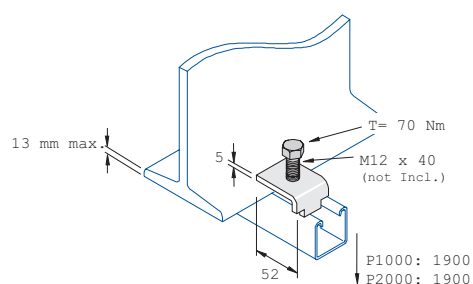
HG **SS**

Part No.	Finish		⬇	📦
	HG	SS		
P1386	·	·	0.042	20

Stated loadings apply to mild steel products only.

Beam Clamps

* Used in pair
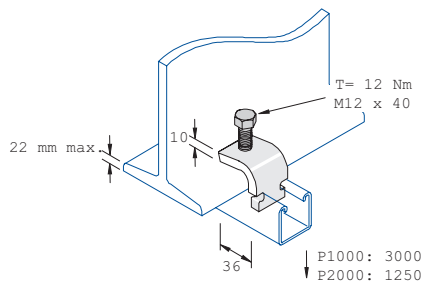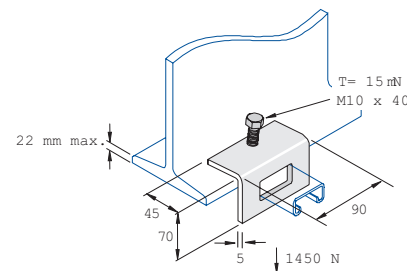
T= 12 Nm
M12 x 40

22 mm max.

10

36

P1000: 3000
P2000: 1250

P2489

HG

Part No.	Finish HG		
P2489	·		

* Used in pair

T= 15 mN
M10 x 40

22 mm max.

45
70

5

90

1450 N

P1796-A

HG SS

Part No.	Finish			
	HG	SS		
P1796-A	·	·	0.39	10

* Used in pair

T= 15 mN
M10 x 40

22 mm max.

45
90

5

90

1450 N

P1796

HG SS

Part No.	Finish			
	HG	SS		
P1796	·	·	0.39	10

* Used in pair

T= 15 Nm
M10 x 40

22 mm max.

45
131

5

90

1450 N
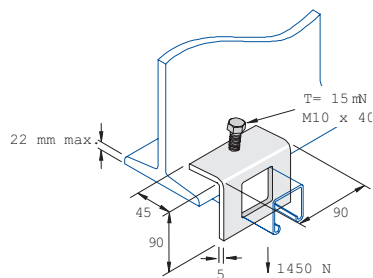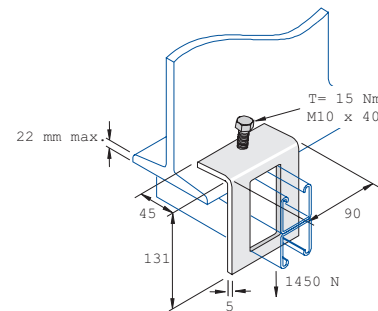
P1796-B

HG SS

Part No.	Finish			
	HG	SS		
P1796-B	·	·	0.50	8

T= 20 Nm
M12 x 40

22 mm max.

10

63int.

50

P1000: 2250

P1271

HG SS

Part No.	Finish			
	HG	SS		
P1271	·	·	0.043	10

T= 10 Nm
M10 x 40

22 mm max.

5

50
30

25

1300 N
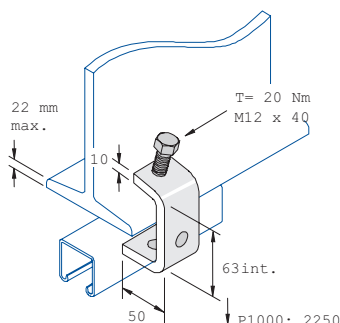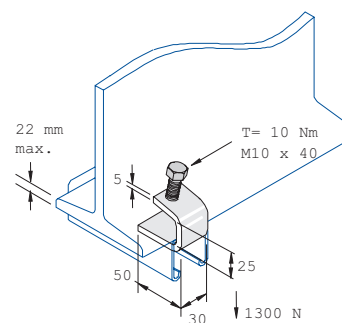
P1272

HG SS

Part No.	Finish			
	HG	SS		
P1272	·	·	0.13	50

Stated loadings apply to mild steel products only.

Channel Fittings

Steel

P1184-F **PG**

41
3 m

Part No.	⚖	⬗
P1184-F	1.07	1

PVC

P1184-P

41
3 m

Part No.	Colour	⚖	⬗
P1184-PW	White	0.48	1
P1184-PB	Black	0.48	1

PVC

P3 END CAP
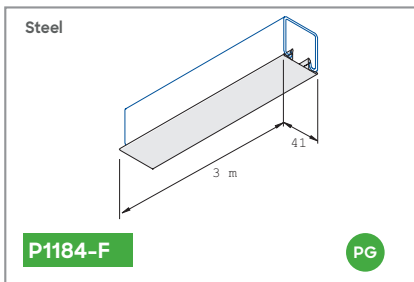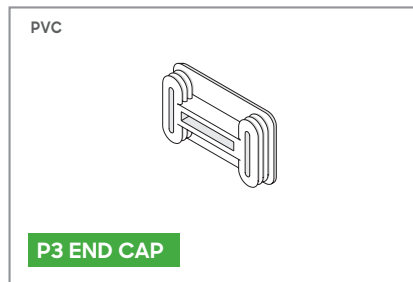
Part No. Blue	Part No. White	Part No. Black	⊔	⚖ /100	⬗
139 21 98	139 21 96	139 21 97	41x21	0.3	100

PVC

P3 END CAP

Part No. Blue	Part No. White	Part No. Black	⊔	⚖ /100	⬗
139 41 98	139 41 96	139 41 97	41x41	0.5	100

Cantilever Arms

P2663 HG SS
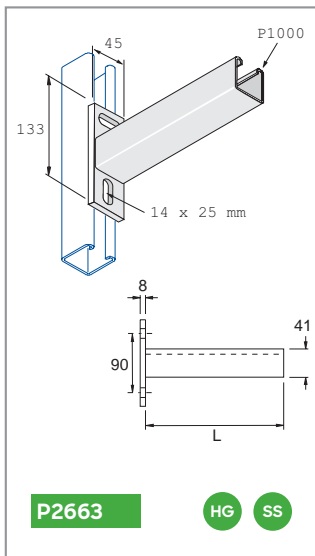
Part No.	Finish HG	SS	⚖	L (mm)	F1	F1	F2 F2	F3 F3 F3
P2663/150	·	·	0.77	150	6.20 kN	3.10 kN	3.10 kN	2.06 kN
P2663/300	·	·	1.20	300	3.20 kN	1.60 kN	1.60 kN	1.06 kN
P2663/450	·	·	1.63	450	2.15 kN	1.07 kN	1.07 kN	0.71 kN
P2663/600	·	·	2.07	600	1.62 kN	0.81 kN	0.81 kN	0.54 kN
P2663/750	·	·	2.50	750	1.30 kN	0.65 kN	0.65 kN	0.43 kN

P2663T HG SS
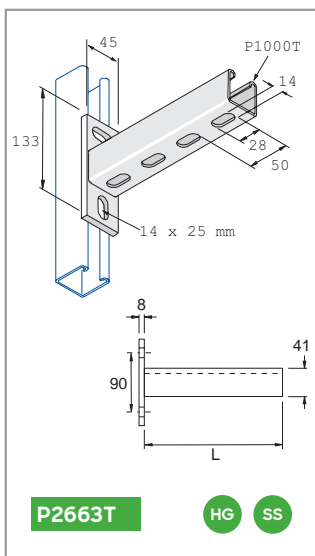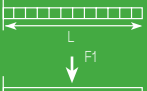
Part No.	Finish HG	SS	ZP	⚖	L (mm)	F1	F1	F2 F2	F3 F3 F3
P2663T/150	·	·	·	0.75	150	6.12 kN	3.06 kN	3.06 kN	2.04 kN
P2663T/300	·	·	·	1.16	300	3.06 kN	1.53 kN	1.53 kN	1.02 kN
P2663T/450	·	·	·	1.57	450	2.04 kN	1.02 kN	1.02 kN	0.68 kN
P2663T/600	·	·	·	1.98	600	1.53 kN	0.76 kN	0.76 kN	0.50 kN
P2663T/750	·	·	·	2.39	750	1.22 kN	0.61 kN	0.61 kN	0.40 kN

P2668T HG SS
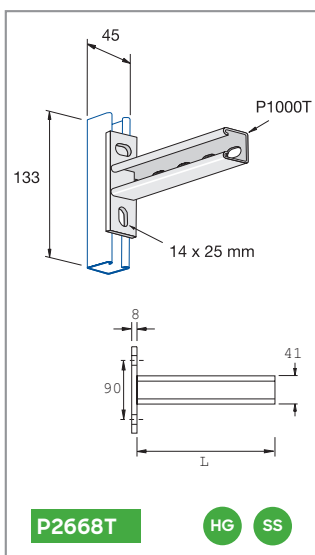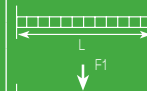
Part No.	Finish HG	SS	⚖	L (mm)	F1	F1	F2 F2	F3 F3 F3
P2668T/150	·	·	0.75	150	6.20 kN	3.10 kN	3.10 kN	2.06 kN
P2668T/300	·	·	1.16	300	3.20 kN	1.60 kN	1.60 kN	1.06 kN
P2668T/450	·	·	1.57	450	2.15 kN	1.07 kN	1.07 kN	0.71 kN
P2668T/600	·	·	1.98	600	1.62 kN	0.81 kN	0.81 kN	0.54 kN

Loadings indicated are only applicable when 2 fixings per cantilever arms are used.
Stated loadings apply to mild steel products only.

Cantilever Arms

P2633T HG SS
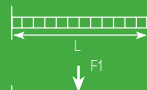
Part No.	Finish HG	SS	⚖	L (mm)	F1	F1	F2 F2	F3 F3 F3
P2633T/150	·	·	0.60	150	1.94 kN	0.97 kN	0.97 kN	0.64 kN
P2633T/300	·	·	0.87	300	1.00 kN	0.50 kN	0.50 kN	0.33 kN
P2633T/450	·	·	1.13	450	0.67 kN	0.33 kN	0.33 kN	0.22 kN

P2631T HG SS
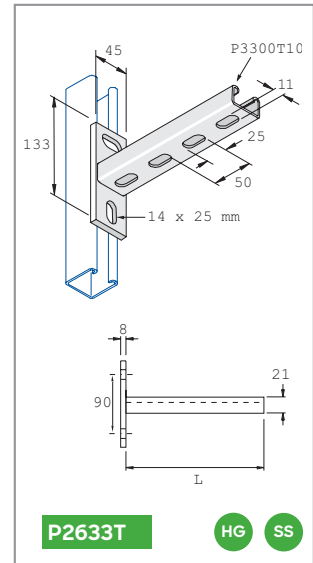
Part No.	Finish HG	SS	⚖	L (mm)	F1	F1	F2 F2	F3 F3 F3
P2631T/150	·	·	0.87	150	5.95 kN	2.97 kN	2.97 kN	1.98 kN
P2631T/300	·	·	1.40	300	3.07 kN	1.53 kN	1.53 kN	1.02 kN
P2631T/450	·	·	1.93	450	2.06 kN	1.03 kN	1.03 kN	0.68 kN
P2631T/600	·	·	2.46	600	1.56 kN	0.78 kN	0.78 kN	0.52 kN
P2631T/750	·	·	2.99	750	1.25 kN	0.62 kN	0.62 kN	0.41 kN

P2665T HG SS
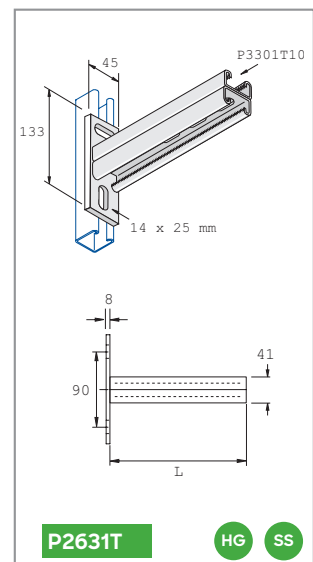
Part No.	Finish HG	SS	⚖	L (mm)	F1	F1	F2 F2	F3 F3 F3
P2665T/150	·	·	1.44	150	8.82 kN	4.41 kN	4.41 kN	2.94 kN
P2665T/300	·	·	2.21	300	6.47 kN	3.23 kN	3.24 kN	2.15 kN
P2665T/450	·	·	3.09	450	4.31 kN	2.15 kN	2.15 kN	1.43 kN
P2665T/600	·	·	3.72	600	3.23 kN	1.61 kN	1.61 kN	1.07 kN
P2665T/750	·	·	4.73	750	2.58 kN	1.29 kN	1.29 kN	0.86 kN
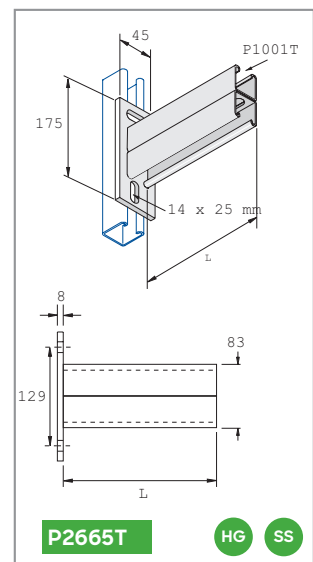
Loadings indicated are only applicable when 2 fixings per cantilever arms are used.

Stated loadings apply to mild steel products only.

Cantilever Arms

HBL

HG
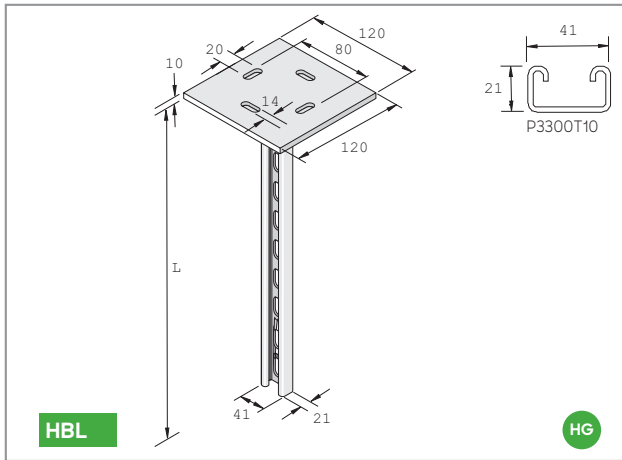
Part No.	Finish HG	L (mm)	⚓
HBL/500	·	525	2.00
HBL/750	·	775	2.44
HBL/1000	·	1025	2.88
HBL/1250	·	1275	3.32

HBM

HG
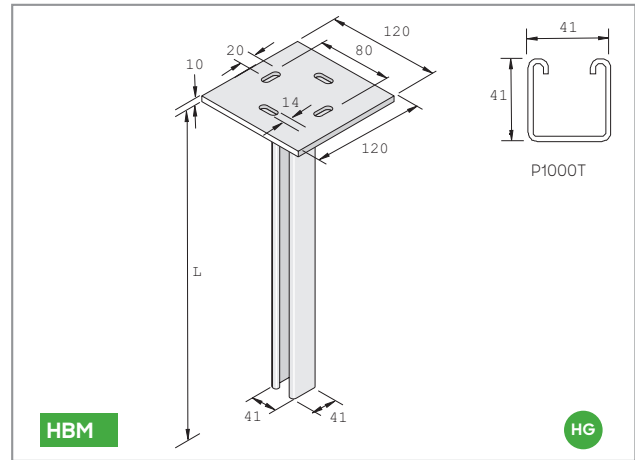
Part No.	Finish HG	L (mm)	⚓
HBM/500	·	525	2.51
HBM/750	·	775	3.19
HBM/1000	·	1025	3.88
HBM/1250	·	1275	4.30

HBLD

HG
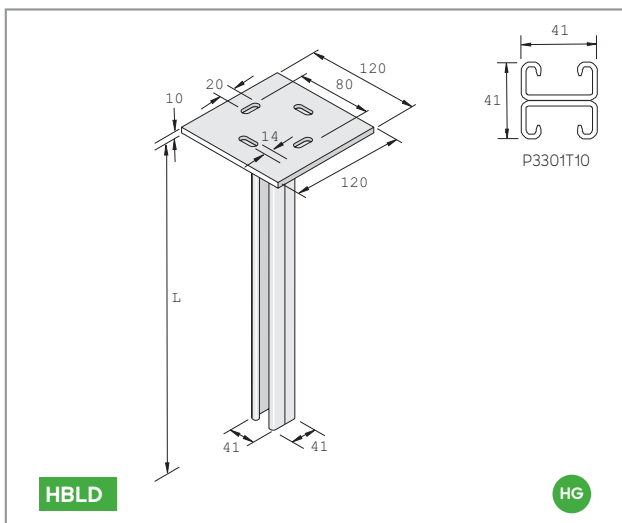
Part No.	Finish HG	L (mm)	⚓
HBLD/500	·	525	2.93
HBLD/750	·	775	3.81
HBLD/1000	·	1025	4.70
HBLD/1250	·	1275	5.58
HBLD/1500	·	1525	6.46
HBLD/2000	·	2025	8.23

HBH

HG
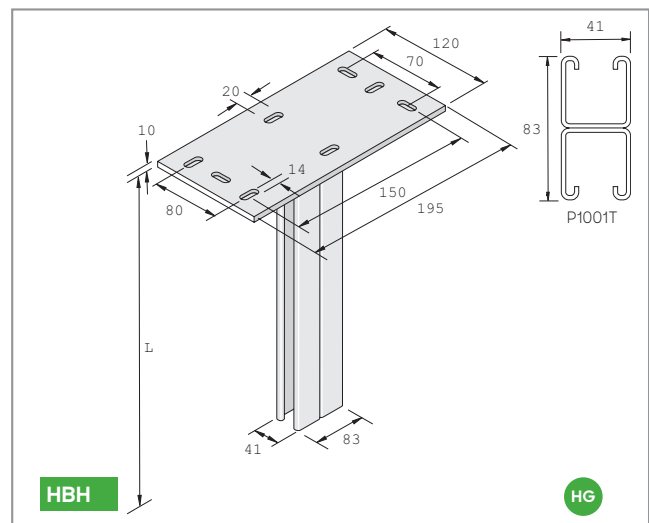
Part No.	Finish HG	L (mm)	⚓
HBH/500	·	525	4.60
HBH/750	·	775	5.97
HBH/1000	·	1025	7.33
HBH/1250	·	1275	8.70
HBH/1500	·	1525	10.07
HBH/2000	·	2025	12.80

Fluorescent Lighting Supports & Fittings

Channel Trolley Assemblies

* Roller material Acetal Plastic N2320

41
41
P1000

M6

F1= 400 N

80

18

+ 80° C

P2750/1
0.22

Acetal Based Plastic Natural

---

* Roller material Mild steel
F1*=230 N

41
41
P1000

7 mm

19

31

18

F1*

P2749
0.10

ZP

---

* Roller material Mild steel

41
41
P1000

Ø 14,3

6,4

31,8

F

	F	
RPM		kN
600		0.7
300		1.0
100		1.9

P2949
0.21

ZP

---

* Roller material Mild steel

41
41
P1000

Ø 14,3

20,6
23,8
23,8
88,9
20,6
6,4

F

	F	
RPM		kN
600		1.3
300		2.0
100		2.7

P2950
0.50

ZP

41
14 mm
95

11 mm

Fmax=5,4 kN

25,4

P1834
0.49

HG

89
14 mm
95

11 mm

Fmax=11,3 kN

25,4

P1834A
1.06

HG

Nuts, Bolts & Washers
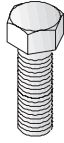
HEX. HEAD SCREW   (ZP) (HG) (SS)

ZP	Part No. M6 HG	SS	ZP	Part No. M8 HG	SS	ZP	Part No. M10 HG	SS	ZP	Part No. M12 HG	SS	
93356X12	93336X12	93346X12	93358X20	93338X20	93348X20	933510X20	933310X20	933410X20	933512X22	933312X22	933412X22	100
93356X16	93336X16	93346X16	93358X25	93338X25	93348X25	933510X25	933310X25	933410X25	933512X25	933312X25	933412X25	100
93356X20	93336X20	93346X20	93358X30	93338X30	93348X30	933510X30	933310X30	933410X30	933512X30	933312X30	933412X30	100
93356X25	93336X25	93346X25	93358X35	93338X35	93348X35	933510X40	933310X40	933410X40	933512X40	933312X40	933412X40	100
93356X30	93336X30	93346X30	93358X40	93338X40	93348X40	933510X50	933310X50	933410X50	933512X50	933312X50	933412X50	100
93356X35	93336X35	93346X35	93358X45	93338X45	93348X45	933510X60	933310X60	933410X60	933512X60	933312X60	933412X60	100
93356X40	93336X40	93346X40	93358X50	93338X50	93348X50	933510X80	933310X80	933410X80	933512X80	933312X80	933412X80	100
93356X60	93336X60	93346X60	93358X60	93338X60	93348X60	933510X100	933310X100	933410X100	933512X100	933312X100	933412X100	100

CHANNEL SOCKET

Max Torque 30Nm
41 mm
1/2"
SW   L
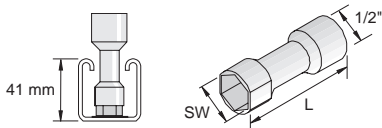
SIZE	Part No.
M10	12AF
M12	19AF
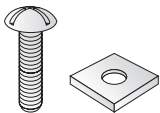
ROOFING NUT & BOLT   (ZP)

Part No.	Finish ZP	L (mm)	w /100	
M6x12RB	·	12	1.0	100
M6x16RB	·	16	1.0	100
M6x20RB	·	20	1.0	100
M6x25RB	·	25	1.0	100
M6x30RB	·	30	1.0	100
M6x40RB	·	40	1.0	100
M6x50RB	·	50	1.0	100
M6x60RB	·	60	1.0	100
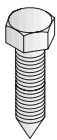
CONE-POINTED SCREW   (ZP)

Part No.	Finish ZP	w /100	
M10x40CP	·	2.5	100
M12x40CP	·	3.9	100

Nuts, Bolts & Washers

HEX. NUT ZP HG SS
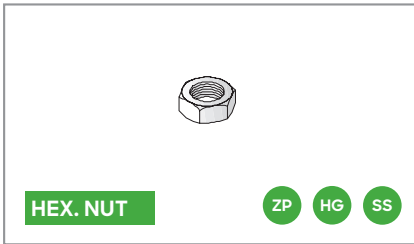
Part No. M6			Part No. M8			Part No. M10			Part No. M12		
ZP	HG	SS	ZP	HG	SS	ZP	HG	SS	ZP	HG	SS
9345M6	9343M6	9344M6	9345M8	9343M8	9344M8	9345M10	9343M10	9344M10	9345M12	9343M12	9344M12

FLAT WASHER ZP HG SS
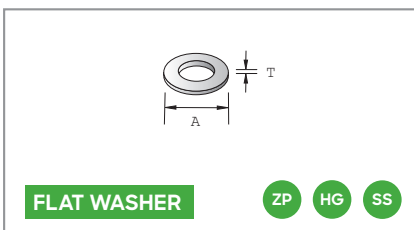
Part No. M6			Part No. M8			Part No. M10			Part No. M12			Part No. M16			
ZP	HG	SS	ZP	HG	SS	ZP	HG	SS	ZP	HG	SS	ZP	HG	SS	
1255M6	1253M6	1254M6	1255M8	1253M8	1254M8	1255M10	1253M10	1254M10	1255M2	1253M12	1254M12	1255M16	1253M16	1254M16	100
(A=12.5mm)			(A=17mm)			(A=21mm)			(A=24mm)			(A=30mm)			
(T=1.6mm)			(T=2.0mm)			(T=2.5mm)			(T=3.0mm)			(T=3.0mm)			

Atkore™
Unistrut

Washers & Threaded Rod Connectors
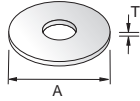
PENNY WASHER ZP HG SS

Part No. M6	Part No. M8	Part No. M10	Finish ZP	A	T	⬚
PYWM6X25	PYWM8X25	PYWM10X25	·	25	1.5	100
PYWM6X32	PYWM8X32	PYWM10X32	·	32	1.5	100

L=3xd
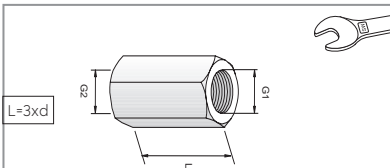
ROD CONNECTOR ZP SS

Part No. M6			Part No. M8			Part No. M10			Part No. M12			Part No. M16			⬚
ZP	HG	SS	ZP	HG	SS	ZP	HG	SS	ZP	HG	SS	ZP	HG	SS	
63345M6	63343M6	63344M6	63345M8	63343M8	63344M8	63345M10	63343M10	63344M10	63345M12	63343M12	63344M12	63345M16	63343M16	63344M16	100
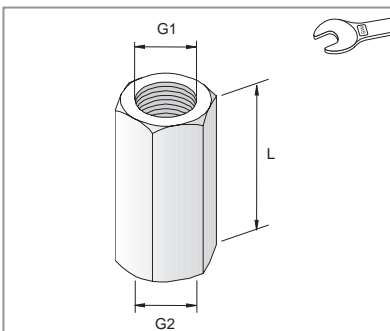
REDUCING ROD CONNECTOR ZP

Part No.	Finish ZP	G1	G2	SW mm	L mm	⬚
SPM8M10	·	M8	M10	13	30	50
SPM10M12	·	M10	M12	17	30	50
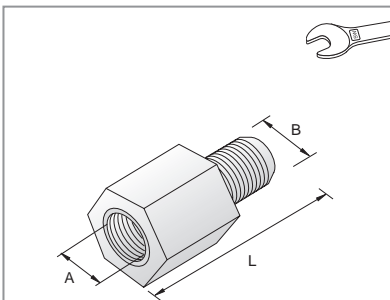
ADAPTER ZP

Part No.	Finish ZP	A	B	SW mm	L mm	⬚
310810	·	M8	M10	13	21	50
310812	·	M8	M12	13	23	50
311008	·	M10	M8	13	23	50
311012	·	M10	M12	13	23	50
311016	·	M10	M16	19	32	50
311208	·	M12	M8	17	23	50
311210	·	M12	M10	17	25	50
311216	·	M12	M16	19	32	50
311610	·	M16	M10	24	32	50
311612	·	M16	M12	24	32	50

Threaded Rod & Studs

Part No. M6	Part No. M8	Part No. M10	Part No. M12	Part No. M16	Finish ZP	SS	HG
M6x1M	M8X1M	M10X1M	M12X1M	M16X1M	.	.	.
M6x2M	M8X2M	M10X2M	M12X2M	M16X2M	.	.	.
M6x3M	M8X3M	M10X3M	M12X3M	M16X3M	.	.	.

Grade 4.6

L=1, 2 & 3 M [ZP,SS]
L=1 M [HG]

STUDDING   ZP HG SS

Non Drill Anchors

FM VdS

$T=ls-e$

$Is = T+e$

EAW   ZP
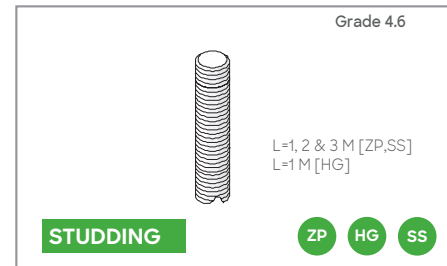
EA   ZP SS
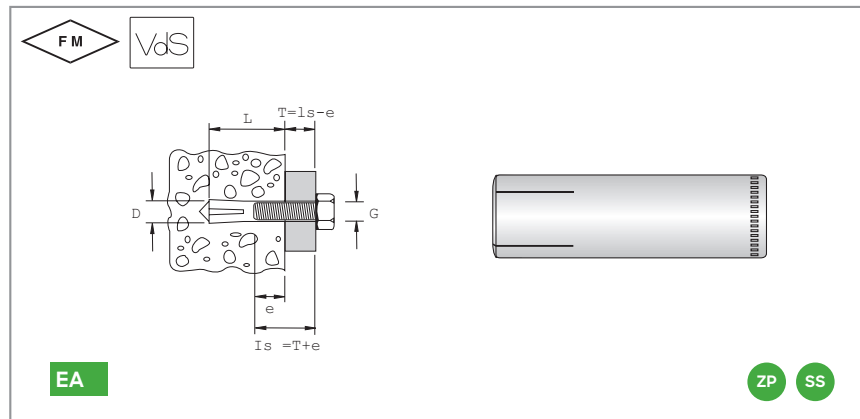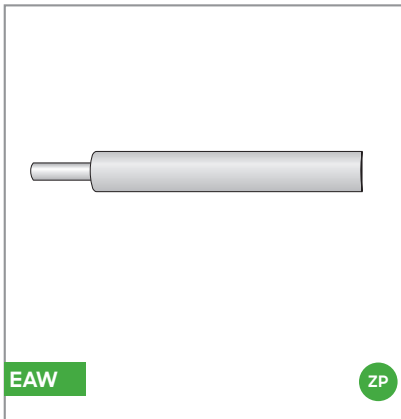
Part No.	Part No.
EAWH6	EAM6
EAWH8	EAM8
EAWH8x40	EAM8x40
EAWH10	EAM10
EAWH12	EAM12
EAWH16	EAM16
EAWH20	EAM20

Part No.	Finish ZP	Class	D mm	L mm	ø mm	G	e (mm) min	max		Approval:	
EAM6	.	–	8	25	8	M6	6	11	100		
EAM8	.	1.8kN*	10	30	10	M8	8	13	100	VdS	
EAM8x40	.	3kN*	10	40	10	M8	8	13	50	VdS	FM
EAM10	.	3.6kN*	12	40	12	M10	10	17	50	VdS	FM
EAM12	.	5.7kN*	15	50	15	M12	12	18	25	VdS	FM
EAM16	.	7.4kN*	20	65	20	M16	16	21	20	VdS	FM
EAM20	.	11.3kN*	25	80	25	M20	20	30	10	VdS	FM

Part No.	Finish SS	Class	D mm	L mm	ø mm	G	e (mm) min	max		Approval:	
EAM6	.	–	8	25	8	M6	6	11	100		
EAM8	.	–	10	30	10	M8	8	13	100		
EAM10	.	3.0kN*	12	40	12	M10	10	17	50	VdS	FM
EAM12	.	3.6kN*	15	50	15	M12	12	18	25		FM
EAM16	.	5.7kN*	20	65	20	M16	16	21	20		FM

* Loading data is applicable for concrete pressure zone only (ß=25 N/mm²)

EAW-H

Rod Swivel

RS | ZP
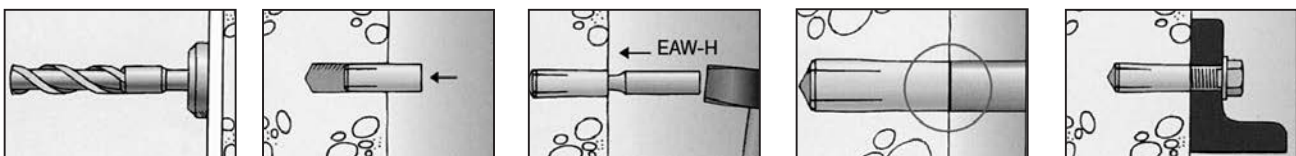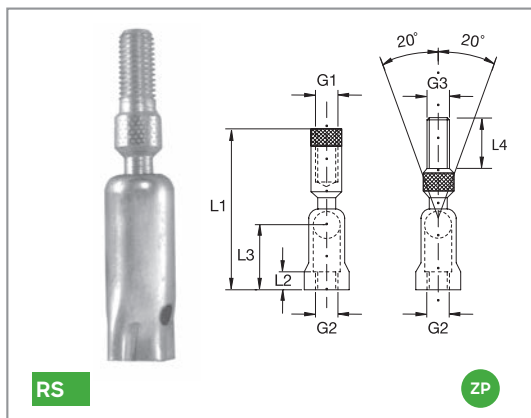
Part No.	Finish ZP	G1	G2	G3	L1 mm	L2 mm	L3 mm	L4 mm	Fmax N	⚓	📦
124 08 03	·		M8	M8	74	8	30	15	2500	.03	100
124 10 03	·		M10	M10	74	8	30	15	2500	.04	100
124 12 03	·	M12	M12		96	15	53		5000	.15	100
66 42 008	·		M8	M8	49	10	20	15	3100	.03	50
66 42 010	·		M10	M10	49	13	23	15	3100	.03	50

Adjustable Angle Fitting with Sound Insulation

GHMR | ZP
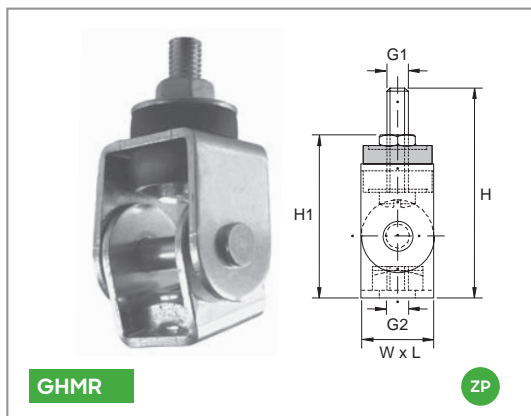
Part No.	Finish ZP	G1	G2	H2 mm	W x L mm	H1 mm	H mm	Fmax kN	⚓	📦
124 08 86	·	M8	M8	45	36 x 25	60	70	5.7	.13	100
124 81 06	·	M8	M10	45	36 x 25	60	70	5.7	.13	100

〜 Sound insulation tested
Schallschutz geprüft
Testeé isophonique
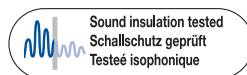
Sound insulation value on average 22 dB (A)

GHML | ZP
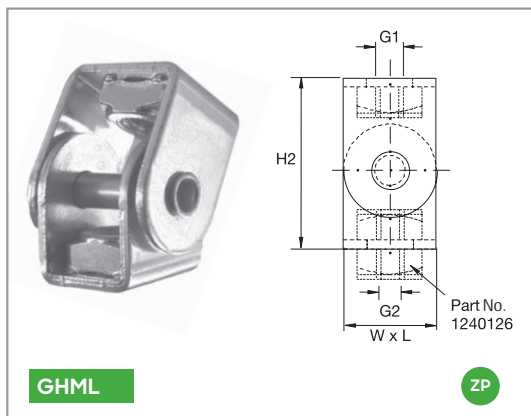
Part No	Finish ZP	G1	G2	H2 MM	W x L MM	Fmax(kN) 90°	Fmax(kN) 135°	Fmax(kN) 180°	⚓	📦
124 00 86	·	M8	M8	45	36 x 25	3.5	4.5	5.5	.11	100
124 01 06	·	M10	M10	45	36 x 25	3.5	4.5	5.5	.11	100
124 01 26	·	M12	M12	64	36 x 25	3.5	4.5	5.5	.12	100
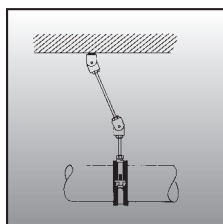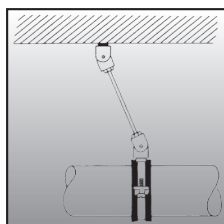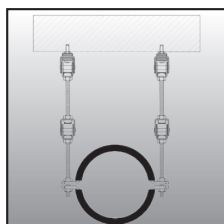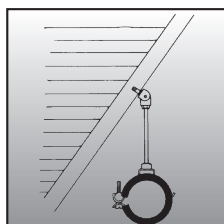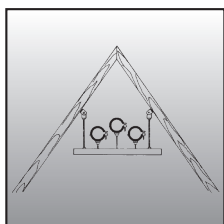
Universal Hinge

UGM10 Universal Hinge Mount
The perfect solution for suspending threaded rod vertically from an angled roof or ceiling.

Features & Benefits

- Can be fixed directly to roof sections, or attached to Atkore Unistrut channel mounted across purlins/beams
- Accepts all M10 ZP threaded products (including threaded rod)
- Fully adjustable through 135 degrees to suit any mounting application

Technical Information

- Mass: 10.8kgs/100
- Working load with a safety factor of 3 is 3.0kN or 300kg
- Tighten threaded rod into position using the serrated nut and locking plate (both supplied)
- Threaded rod supplied separately
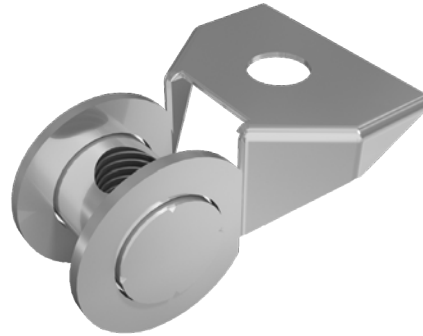
Application Diagram

Atkore™ Unistrut
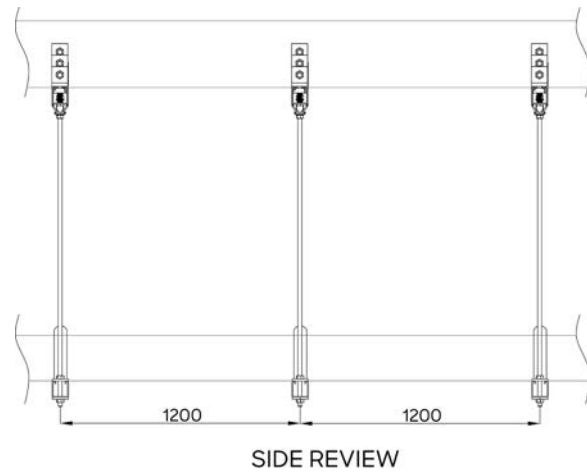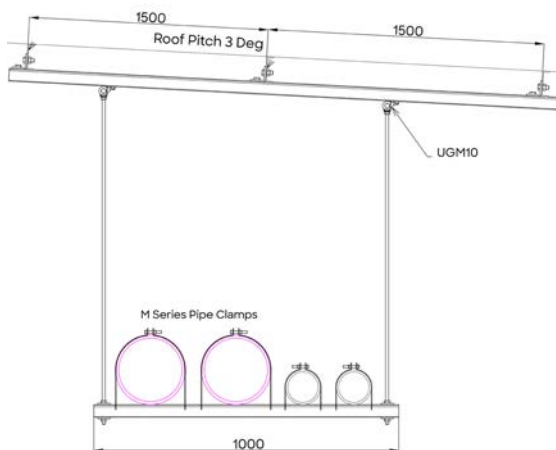
Beam Clamps

Beam Clamps

FM

√ = good
x = wrong

FL

ZP
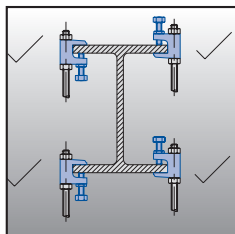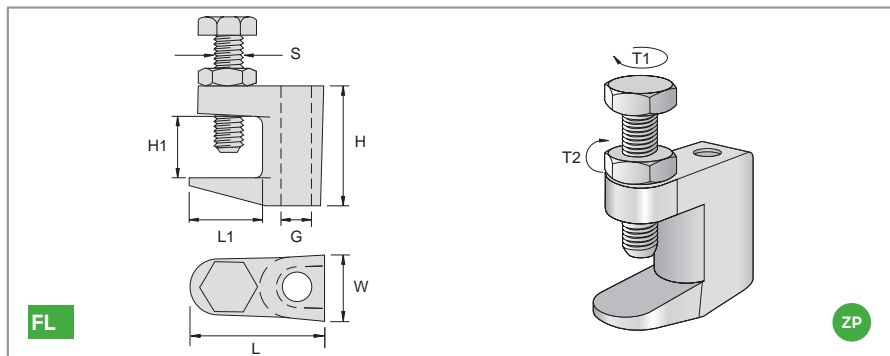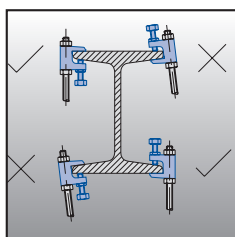
Part No.	Finish ZP	Fmax kN	T1 Nm	T2 Nm	L mm	H mm	W mm	H1 mm	L1 mm	G mm	S mm	⬙	Approval:
FL16T	·	1.1	8	11	36	35	19	17	20	M6	8	50	
FL18D	·	1.1	8	11	36	35	19	17	20	9	8	50	
FL18T	·	1.1	8	11	36	35	19	17	20	M8	8	50	
FL201D	·	2.4	8	22	45	40	22	19	22	11	10	50	FM
FL201T	·	2.4	8	22	45	40	22	19	22	M10	10	50	FM
F312D	·	3.1	8	22	50	46	25	23	28	13	10	25	FM
F312T	·	3.1	8	22	50	46	25	23	28	M12	10	25	FM

Articulated Beam Clamps

FLS

ZP
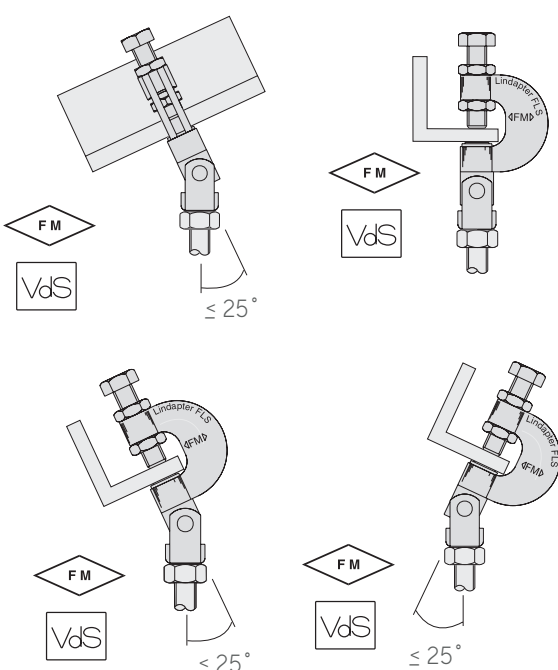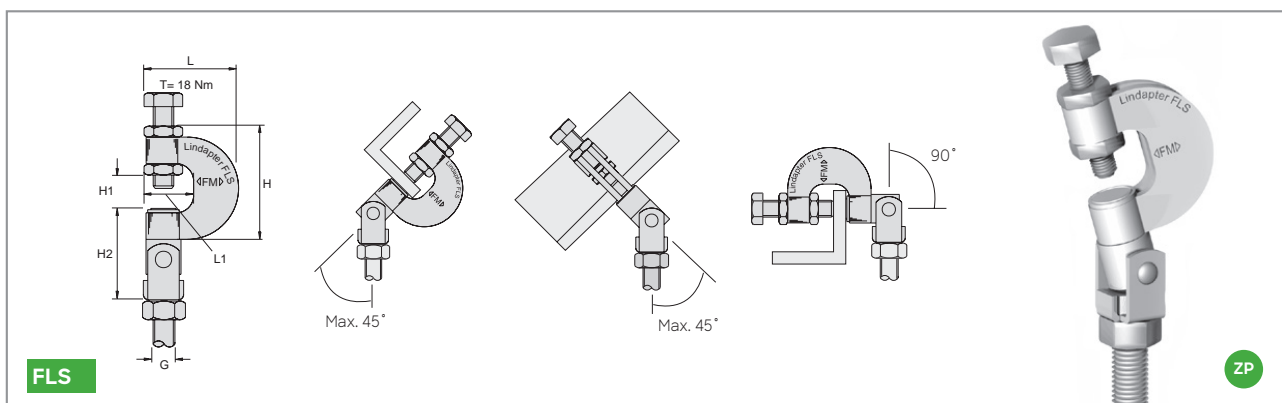
Part No.	Finish ZP	G	Fmax (<25°) kN	Fmax (>25°) kN	T Nm	H2 mm	L mm	H mm	H1 mm	L1 mm	Approval:	
FLS08	·	M8	2.5	1.5	18	55	53	58	17	27	VdS	
FLS10	·	M10	2.5	1.5	18	55	53	58	17	27	VdS	FM
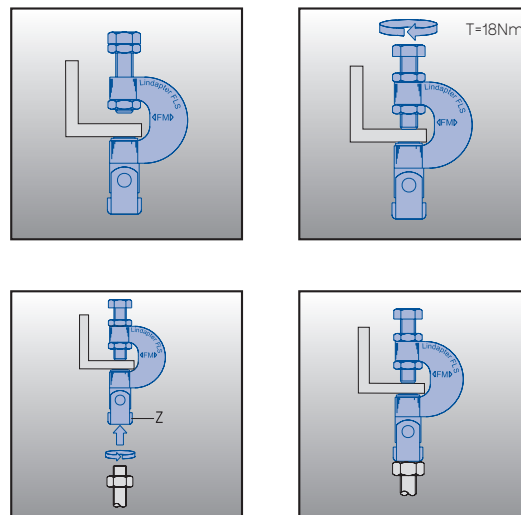
Fixings

Deck and Purlin Fixings

WARD MULTIDECK 60

MW2 ZP
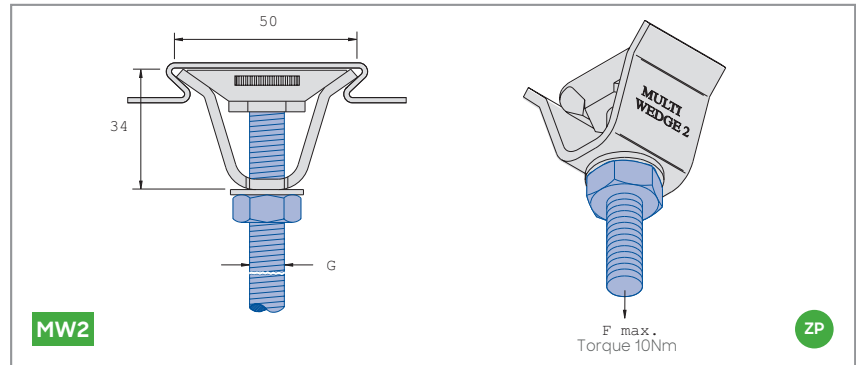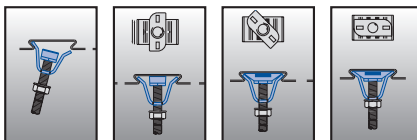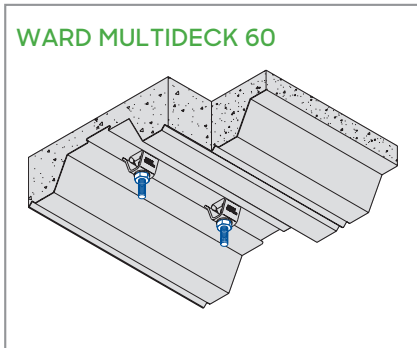
Part No.	Finish ZP	G	Fmax kN	⚖	📦
MW06	·	M6	1.47	0.10	50
MW08	·	M8	1.47	0.10	50
MW10	·	M10	1.47	0.10	50

HOLORIB

VN ZP
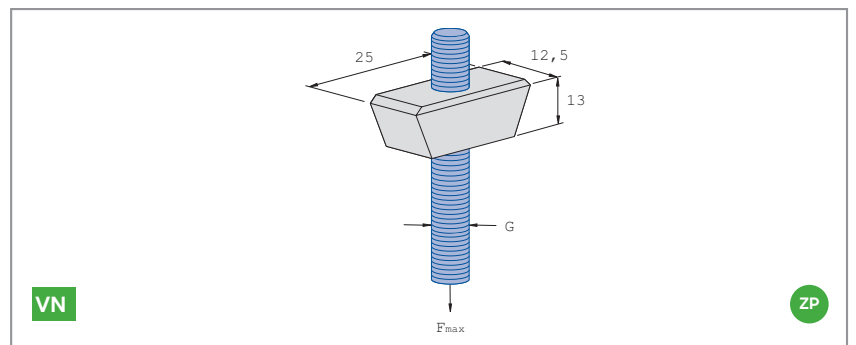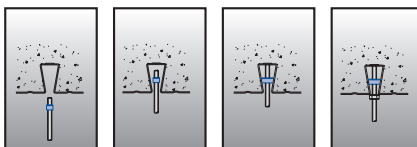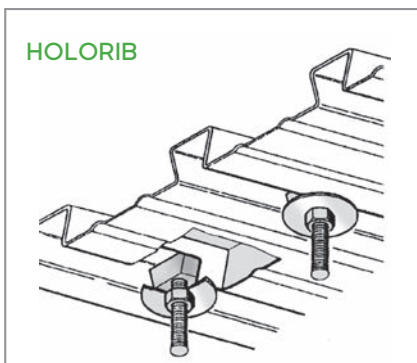
Part No.	Finish ZP	G	Fmax kN	⚖	📦
VN04	·	M4	0.86	0.02	500
VN05	·	M5	1.4	0.02	500
VN06	·	M6	1.8	0.02	500
VN08	·	M8	2.0	0.02	500
VN10	·	M10	2.1	0.02	500

Loads quoted are subject to the strength of the supporting decking. Suitable for decking with a 15° tapered slot.

Cable Tray

Cable Tray Systems from Atkore Unistrut

CABLE TRAY CONTENTS

Atkore Unistrut's Cable Trays come in a wide range of sizes and finishes, including a self-splicing fast assembly variant for both installation efficiency and maximum application versatility.

The Cable Tray systems are also available in Extra Heavy Duty options, for applications where additional strength and capacity is required.

A broad variety of fits, finishes and shapes ensure we have the widest range of Cable Tray systems in the industry and we are able to offer covers to suit all ranges.

Sectors:

· Commercial buildings, including office blocks, shopping centres and super markets

· Hospitals, Data Centres, correction facilities

· Infrastructure applications such as airports, road and rail tunnels.

· Automotive industry

· Petrochemical, food and beverage and general industrial applications

Cable Tray

THE CABLE TRAY RANGE
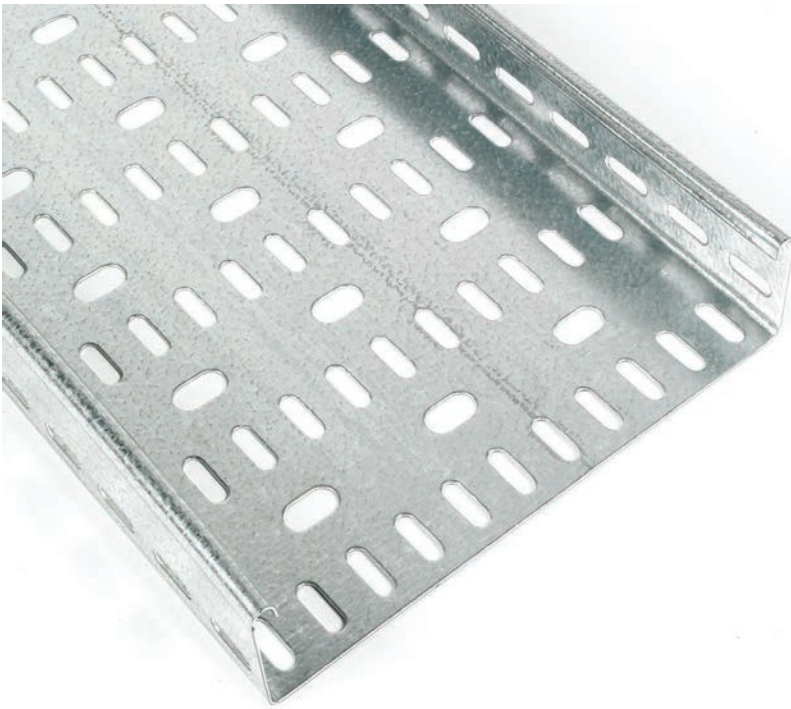
Atkore Unistrut Slot Pattern

Traditional Unistrut standard design in use since 1965, synonymous with strength and quality.

The complete range of Atkore Unistrut Cable Tray for use in Light, Medium, **Heavy** & **Extra Heavy** duty applications. Available in a variety of sizes, the Atkore Unistrut system provides the ultimate in flexibility, quality and speed in installation. Ideal for all your cable applications, from low power control and signalling to mains power supply cabling. With a complete range of fixings and accessories including bends, risers and covers.

Light Duty (TULL)

Available in 3m lengths with depths of 12mm (50mm wide to 225mm wide) and 18mm (300mm to 900mm wide), in [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel finishes.

Heavy Duty (TUHLT)

Available in 3m lengths with a depth of 50mm and widths from 50 to 900mm, in [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel.

150mm Deep Cable Tray (TUXHLT)

Available in 3m lengths with a depth of 150mm and from 100 to 600mm widths. Finish applications include [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel.

Medium Duty (TUMLT)

Available in 3m lengths with a depth of 25mm and widths from 50 to 900mm, in [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel finishes.

Extra Heavy Duty (TUEHLT)

Available in 3m lengths with a depth of 100mm and from 100 to 900mm widths. Finish applications include [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel.

ATKORE UNISTRUT CABLE TRAY

Cable Tray Features:

- Traditional Unistrut slot pattern
- All material is European standard graded
- Widths : 50, 75, 100, 150, 225, 300, 450, 600, 750 and 900mm
- Compatible with Unistrut fittings only
- Stock held in the UK
- An extensive range of dedicated accessories, bracketry and support systems
- Covers available for all sizes

Standard Material & Finish Codes

Finish	Code
Pre-Galvanised	PG
Hot Dipped Galvanised	HG
Stainless Steel	SS

Other materials and finishes available upon request.

Materials standards and details can be found on page 8.

Material Standards

Finish	Standard
PG	Pre-Galvanised Steel to BS EN 10346 DX51D Z275-N-A-
HG	Mild Steel to BS EN 10111 – DD11 or BS EN 10139 – DC01
DH	BS EN 10025 S275JO+AR+CL1 or equivalent/better – 2mm thick min. material.
SS	Stainless Steel – Hot Rolled to B.S.EN10088-2-1.4404+1D

Pickle & Passivate is available upon request.

Icon Key

incl.	Including Fitments
	Sold as Pair
	Sold as Individual

Atkore Unistrut

Light Duty

Atkore Unistrut Light Duty Cable Tray
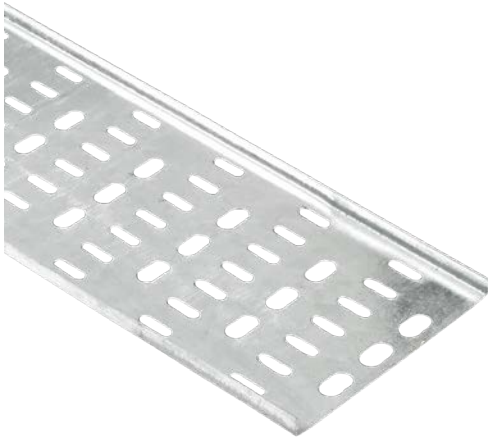
Light duty Cable Tray is lightweight and often selected for ease of installation. Atkore Unistrut offer a wide range of accessories and fixings to suit, please refer to page 66.

Available in 3m lengths with widths from 50 to 900mm.

Sold as Individual

Size	Part No.			W	B	C	Weight
	PG	HG	SS	mm	mm	mm	kg
50mm x 3m	TULL050/10PG	TULL050/10HG	TULL050/10SS	50	12	0.80	1.23
75mm x 3m	TULL075/10PG	TULL075/10HG	TULL075/10SS	75	12	0.80	1.68
100mm x 3m	TULL100/10PG	TULL100/10HG	TULL100/10SS	100	12	0.80	2.13
150mm x 3m	TULL150/10PG	TULL150/10HG	TULL150/10SS	150	12	0.80	2.86
225mm x 3m	TULL225/10PG	TULL225/10HG	TULL225/10SS	225	12	0.80	3.92
300mm x 3m	TULL300/15PG	TULL300/15HG	TULL300/15SS	300	18	1.20	7.98
450mm x 3m	TULL450/15PG	TULL450/15HG	TULL450/15SS	450	18	1.20	18.25
600mm x 3m	TULL600/20PG	TULL600/20HG	TULL600/20SS	600	18	1.20	30.37
750mm x 3m	TULL750/20PG	TULL750/20HG	TULL750/20SS	750	18	2.00	39.45
900mm x 3m	TULL900/20PG	TULL900/20HG	TULL900/20SS	900	18	2.00	47.01

Medium Duty

Atkore Unistrut Medium Duty Cable Tray

Medium duty steel Cable Tray, robust enough to meet a wide variety of applications but light enough to handle and install with ease and complete with wide range of accessories and fixings to suit, please refer to page 66.

Available in 3m lengths with widths from 50 to 900mm,

Sold as Individual
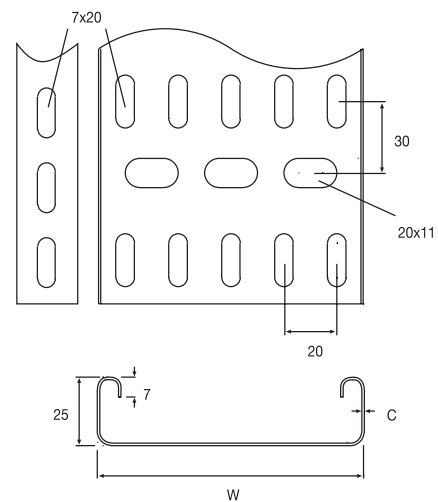
Size (W)	Part No.			W	C	Weight
	PG	HG	SS	mm	mm	kg
50mm x 3m	TUMLT050/10PG	TUMLT050/10HG	TUMLT050/10SS	50	0.80	2.02
75mm x 3m	TUMLT075/10PG	TUMLT075/10HG	TUMLT075/10SS	75	0.80	2.48
100mm x 3m	TUMLT100/10PG	TUMLT100/10HG	TUMLT100/10SS	100	0.80	2.93
150mm x 3m	TUMLT150/10PG	TUMLT150/10HG	TUMLT150/10SS	150	0.80	3.72
225mm x 3m	TUMLT225/10PG	TUMLT225/10HG	TUMLT225/10SS	225	0.80	4.97
300mm x 3m	TUMLT300/15PG	TUMLT300/15HG	TUMLT300/15SS	300	1.20	9.13
450mm x 3m	TUMLT450/15PG	TUMLT450/15HG	TUMLT450/15SS	450	1.20	12.82
600mm x 3m	TUMLT600/15PG	TUMLT600/15HG	TUMLT600/15SS	600	1.20	16.5
750mm x 3m	TUMLT750/20PG	TUMLT750/20HG	TUMLT750/20SS	750	2.00	40.75
900mm x 3m	TUMLT900/20PG	TUMLT900/20HG	TUMLT900/20SS	900	2.00	48.13

Heavy Duty

Atkore Unistrut Heavy Duty Cable Tray

Heavy duty steel Cable Tray, designed to meet heavy cable load needs and complete with wide range of accessories and fixings to suit, please refer to page 66.

Available in 3m lengths with widths from 50 to 900mm.

Sold as Individual

7x20

30

20x11

20

7

50

C

W
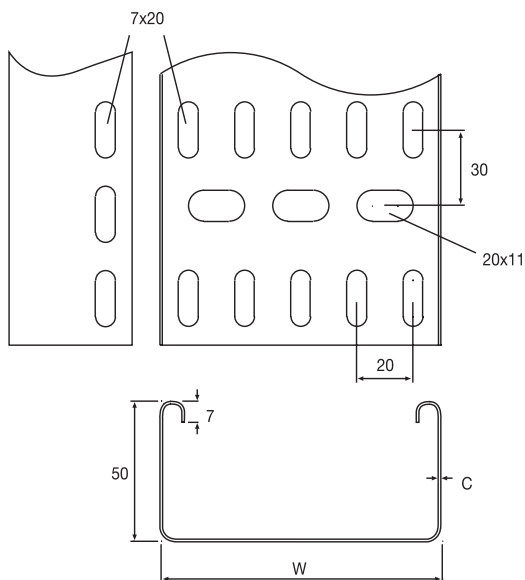
Size (W)	Part No.			W	C	Weight
	PG	HG	SS	mm	mm	kg
50mm x 3m	TUHLT050/10PG	TUHLT050/10HG	TUHLT050/10SS	50	0.80	3.16
75mm x 3m	TUHLT075/10PG	TUHLT075/10HG	TUHLT075/10SS	75	0.80	3.46
100mm x 3m	TUHLT100/10PG	TUHLT100/10HG	TUHLT100/10SS	100	0.80	3.92
150mm x 3m	TUHLT150/10PG	TUHLT150/10HG	TUHLT150/10SS	150	0.80	4.71
225mm x 3m	TUHLT225/15PG	TUHLT225/15HG	TUHLT225/15SS	225	1.20	8.72
300mm x 3m	TUHLT300/15PG	TUHLT300/15HG	TUHLT300/15SS	300	1.20	10.59
450mm x 3m	TUHLT450/20PG	TUHLT450/20HG	TUHLT450/20SS	450	2.00	23.28
600mm x 3m	TUHLT600/20PG	TUHLT600/20HG	TUHLT600/20SS	600	2.00	29.35
750mm x 3m	TUHLT750/20PG	TUHLT750/20HG	TUHLT750/20SS	750	2.00	45.3
900mm x 3m	TUHLT900/20PG	TUHLT900/20HG	TUHLT900/20SS	900	2.00	52.85

Extra Heavy Duty

Atkore Unistrut Extra Heavy Duty Cable Tray

Extra heavy duty cable tray is perfect for applications which require a more robust solution.

Available in 3m lengths with widths from 100 & 900mm.

Sold as Individual
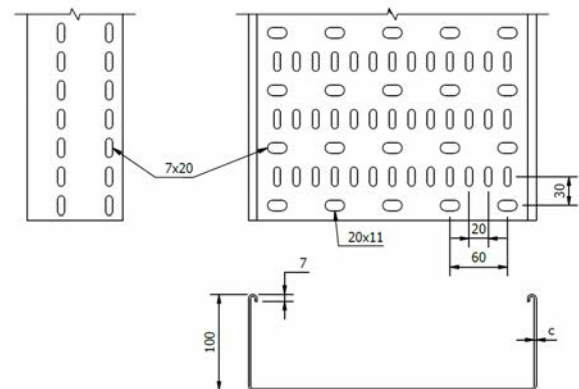
Size (W)	Part No.			W	C	Weight
	PG	HG	SS	mm	mm	kg
75mm x 3m	TUEHLT075/10PG	TUEHLT075/10HG	TUEHLT075/10SS	75	0.8	6.00
100mm x 3m	TUEHLT100/10PG	TUEHLT100/10HG	TUEHLT100/10SS	100	0.8	6.00
150mm x 3m	TUEHLT150/10PG	TUEHLT150/10HG	TUEHLT150/10SS	150	0.8	6.99
225mm x 3m	TUEHLT225/15PG	TUEHLT225/15HG	TUEHLT225/15SS	225	1.2	12.43
300mm x 3m	TUEHLT300/15PG	TUEHLT300/15HG	TUEHLT300/15SS	300	1.2	14.55
450mm x 3m	TUEHLT450/15PG	TUEHLT450/15HG	TUEHLT450/15SS	450	1.2	31.13
600mm x 3m	TUEHLT600/20PG	TUEHLT600/20HG	TUEHLT600/20SS	600	2.0	38.20
750mm x 3m	TUEHLT750/20PG	TUEHLT750/20HG	TUEHLT750/20SS	750	2.0	45.40
900mm x 3m	TUEHLT900/20PG	TUEHLT900/20HG	TUEHLT900/20SS	900	2.0	52.47

45° Flat Bends

Atkore Unistrut Flat Bends

Light Duty 45° Flat Bend (17mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
50mm	TULB050/45PG	TULB050/45HG	TULB050/45SS	0.07
75mm	TULB075/45PG	TULB075/45HG	TULB075/45SS	0.12
100mm	TULB100/45PG	TULB100/45HG	TULB100/45SS	0.19
150mm	TULB150/45PG	TULB150/45HG	TULB150/45SS	0.33
225mm	TULB225/45PG	TULB225/45HG	TULB225/45SS	0.58
300mm	TULB300/45PG	TULB300/45HG	TULB300/45SS	1.34
450mm	TULB450/45PG	TULB450/45HG	TULB450/45SS	3.07
600mm	TULB600/45PG	TULB600/45HG	TULB600/45SS	5.13
750mm	TULB750/45PG	TULB750/45HG	TULB750/45SS	7.7
900mm	TULB900/45PG	TULB900/45HG	TULB900/45SS	10.79

Sold as Individual

Product image may vary dependant on duty of fitting, finish and size.

Medium Duty 45° Flat Bend (25mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
50mm	TUMB050/45PG	TUMB050/45HG	TUMB050/45SS	0.13
75mm	TUMB075/45PG	TUMB075/45HG	TUMB075/45SS	0.17
100mm	TUMB100/45PG	TUMB100/45HG	TUMB100/45SS	0.22
150mm	TUMB150/45PG	TUMB150/45HG	TUMB150/45SS	0.34
225mm	TUMB225/45PG	TUMB225/45HG	TUMB225/45SS	0.55
300mm	TUMB300/45PG	TUMB300/45HG	TUMB300/45SS	1.16
450mm	TUMB450/45PG	TUMB450/45HG	TUMB450/45SS	2.00
600mm	TUMB600/45PG	TUMB600/45HG	TUMB600/45SS	3.01
750mm	TUMB750/45PG	TUMB750/45HG	TUMB750/45SS	6.60
900mm	TUMB900/45PG	TUMB900/45HG	TUMB900/45SS	8.75

Extra Heavy Duty 45° Flat Bend (100mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
75mm	TUEHB075/45PG	TUEHB075/45HG	TUEHB075/45SS	0.36
100mm	TUEHB100/45PG	TUEHB100/45HG	TUEHB100/45SS	0.48
150mm	TUEHB150/45PG	TUEHB150/45HG	TUEHB150/45SS	0.50
225mm	TUEHB225/45PG	TUEHB225/45HG	TUEHB225/45SS	1.46
300mm	TUEHB300/45PG	TUEHB300/45HG	TUEHB300/45SS	2.07
450mm	TUEHB450/45PG	TUEHB450/45HG	TUEHB450/45SS	2.90
600mm	TUEHB600/45PG	TUEHB600/45HG	TUEHB600/45SS	3.00
750mm	TUEHB750/45PG	TUEHB750/45HG	TUEHB750/45SS	–
900mm	TUEHB900/45PG	TUEHB900/45HG	TUEHB900/45SS	10.4

Heavy Duty 45° Flat Bend (50mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
75mm	TUHB075/45PG	TUHB075/45HG	TUHB075/45SS	0.24
100mm	TUHB100/45PG	TUHB100/45HG	TUHB100/45SS	0.30
150mm	TUHB150/45PG	TUHB150/45HG	TUHB150/45SS	0.43
225mm	TUHB225/45PG	TUHB225/45HG	TUHB225/45SS	0.64
300mm	TUHB300/45PG	TUHB300/45HG	TUHB300/45SS	1.32
450mm	TUHB450/45PG	TUHB450/45HG	TUHB450/45SS	2.18
600mm	TUHB600/45PG	TUHB600/45HG	TUHB600/45SS	3.22
750mm	TUHB750/45PG	TUHB750/45HG	TUHB750/45SS	7.22
900mm	TUHB900/45PG	TUHB900/45HG	TUHB900/45SS	9.55

Extra Extra Heavy Duty 45° Flat Bend (150mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
75mm	TUXHB075/45PG	TUXHB075/45HG	TUXHB075/45SS	0.48
100mm	TUXHB100/45PG	TUXHB100/45HG	TUXHB100/45SS	1.00
150mm	TUXHB150/45PG	TUXHB150/45HG	TUXHB150/45SS	1.20
225mm	TUXHB225/45PG	TUXHB225/45HG	TUXHB225/45SS	1.40
300mm	TUXHB300/45PG	TUXHB300/45HG	TUXHB300/45SS	2.10
450mm	TUXHB450/45PG	TUXHB450/45HG	TUXHB450/45SS	2.80
600mm	TUXHB600/45PG	TUXHB600/45HG	TUXHB600/45SS	3.50
750mm	TUXHB750/45PG	TUXHB750/45HG	TUXHB750/45SS	–
900mm	TUXHB900/45PG	TUXHB900/45HG	TUXHB900/45SS	–

Adjustable Bends are available upon request. Contact our team for further information.

90° Bends

Atkore Unistrut Flat Bends

Sold as Individual

Product image may vary dependant on duty of fitting, finish and size.

Light Duty 90° Flat Bend (17mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
50mm	TULB050/90PG	TULB050/90HG	TULB050/90SS	0.07
75mm	TULB075/90PG	TULB075/90HG	TULB075/90SS	0.12
100mm	TULB100/90PG	TULB100/90HG	TULB100/90SS	0.19
150mm	TULB150/90PG	TULB150/90HG	TULB150/90SS	0.33
225mm	TULB225/90PG	TULB225/90HG	TULB225/90SS	0.58
300mm	TULB300/90PG	TULB300/90HG	TULB300/90SS	1.34
450mm	TULB450/90PG	TULB450/90HG	TULB450/90SS	3.07
600mm	TULB600/90PG	TULB600/90HG	TULB600/90SS	5.13
750mm	TULB750/90PG	TULB750/90HG	TULB750/90SS	7.7
900mm	TULB900/90PG	TULB900/90HG	TULB900/90SS	10.79

Extra Heavy Duty 90° Flat Bend (100mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
75mm	TUEHB075/90PG	TUEHB075/90HG	TUEHB075/90SS	0.51
100mm	TUEHB100/90PG	TUEHB100/90HG	TUEHB100/90SS	0.68
150mm	TUEHB150/90PG	TUEHB150/90HG	TUEHB150/90SS	0.79
225mm	TUEHB225/90PG	TUEHB225/90HG	TUEHB225/90SS	2.37
300mm	TUEHB300/90PG	TUEHB300/90HG	TUEHB300/90SS	2.10
450mm	TUEHB450/90PG	TUEHB450/90HG	TUEHB450/90SS	3.35
600mm	TUEHB600/90PG	TUEHB600/90HG	TUEHB600/90SS	4.89
750mm	TUEHB750/90PG	TUEHB750/90HG	TUEHB750/90SS	6.71
900mm	TUEHB900/90PG	TUEHB900/90HG	TUEHB900/90SS	13.7

Medium Duty 90° Flat Bend (25mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
50mm	TUMB050/90PG	TUMB050/90HG	TUMB050/90SS	0.41
75mm	TUMB075/90PG	TUMB075/90HG	TUMB075/90SS	0.51
100mm	TUMB100/90PG	TUMB100/90HG	TUMB100/90SS	0.63
150mm	TUMB150/90PG	TUMB150/90HG	TUMB150/90SS	0.92
225mm	TUMB225/90PG	TUMB225/90HG	TUMB225/90SS	1.38
300mm	TUMB300/90PG	TUMB300/90HG	TUMB300/90SS	2.02
450mm	TUMB450/90PG	TUMB450/90HG	TUMB450/90SS	3.35
600mm	TUMB600/90PG	TUMB600/90HG	TUMB600/90SS	4.93
750mm	TUMB750/90PG	TUMB750/90HG	TUMB750/90SS	12.20
900mm	TUMB900/90PG	TUMB900/90HG	TUMB900/90SS	18.65

Extra Extra Heavy Duty 90° Flat Bend (150mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
75mm	TUXHB075/90PG	TUXHB075/90HG	TUXHB075/90SS	–
100mm	TUXHB100/90PG	TUXHB100/90HG	TUXHB100/90SS	–
150mm	TUXHB150/90PG	TUXHB150/90HG	TUXHB150/90SS	1.20
225mm	TUXHB225/90PG	TUXHB225/90HG	TUXHB225/90SS	1.76
300mm	TUXHB300/90PG	TUXHB300/90HG	TUXHB300/90SS	2.30
450mm	TUXHB450/90PG	TUXHB450/90HG	TUXHB450/90SS	3.86
600mm	TUXHB600/90PG	TUXHB600/90HG	TUXHB600/90SS	5.48
750mm	TUXHB750/90PG	TUXHB750/90HG	TUXHB750/90SS	–
900mm	TUXHB900/90PG	TUXHB900/90HG	TUXHB900/90SS	–

Heavy Duty 90° Flat Bend (50mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
75mm	TUHB075/90PG	TUHB075/90HG	TUHB075/90SS	0.39
100mm	TUHB100/90PG	TUHB100/90HG	TUHB100/90SS	0.48
150mm	TUHB150/90PG	TUHB150/90HG	TUHB150/90SS	0.68
225mm	TUHB225/90PG	TUHB225/90HG	TUHB225/90SS	1.5
300mm	TUHB300/90PG	TUHB300/90HG	TUHB300/90SS	2.09
450mm	TUHB450/90PG	TUHB450/90HG	TUHB450/90SS	3.53
600mm	TUHB600/90PG	TUHB600/90HG	TUHB600/90SS	5.31
750mm	TUHB750/90PG	TUHB750/90HG	TUHB750/90SS	11.1
900mm	TUHB900/90PG	TUHB900/90HG	TUHB900/90SS	14.69

Cable Tray

Equal Cross

Atkore Unistrut Equal Crosses

Light Duty Equal Cross (17mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
50mm	TULX050PG	TULX050HG	TULX050SS	0.17
75mm	TULX075PG	TULX075HG	TULX075SS	0.26
100mm	TULX100PG	TULX100HG	TULX100SS	0.36
150mm	TULX150PG	TULX150HG	TULX150SS	0.62
225mm	TULX225PG	TULX225HG	TULX225SS	1.05
300mm	TULX300PG	TULX300HG	TULX300SS	2.23
450mm	TULX450PG	TULX450HG	TULX450SS	4.16
600mm	TULX600PG	TULX600HG	TULX600SS	6.75
750mm	TULX750PG	TULX750HG	TULX750SS	9.95
900mm	TULX900PG	TULX900HG	TULX900SS	13.77

Sold as Individual

Unequal Crosses are available upon request

Product image may vary dependant on duty of fitting, finish and size.

Medium Duty Equal Cross (25mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
50mm	TUMX050PG	TUMX050HG	TUMX050SS	0.64
75mm	TUMX075PG	TUMX075HG	TUMX075SS	0.68
100mm	TUMX100PG	TUMX100HG	TUMX100SS	0.81
150mm	TUMX150PG	TUMX150HG	TUMX150SS	1.15
225mm	TUMX225PG	TUMX225HG	TUMX225SS	1.70
300mm	TUMX300PG	TUMX300HG	TUMX300SS	3.28
450mm	TUMX450PG	TUMX450HG	TUMX450SS	5.47
600mm	TUMX600PG	TUMX600HG	TUMX600SS	8.14
750mm	TUMX750PG	TUMX750HG	TUMX750SS	13.38
900mm	TUMX900PG	TUMX900HG	TUMX900SS	17.45

Extra Heavy Duty Equal Cross (100mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
100mm	TUEHX100PG	TUEHX100HG	TUEHX100SS	1.56
150mm	TUEHX150PG	TUEHX150HG	TUEHX150SS	1.92
225mm	TUEHX225PG	TUEHX225HG	TUEHX225SS	2.40
300mm	TUEHX300PG	TUEHX300HG	TUEHX300SS	3.30
450mm	TUEHX450PG	TUEHX450HG	TUEHX450SS	6.50
600mm	TUEHX600PG	TUEHX600HG	TUEHX600SS	–
750mm	TUEHX750PG	TUEHX750HG	TUEHX750SS	–
900mm	TUEHX900PG	TUEHX900HG	TUEHX900SS	18.15

Heavy Duty Equal Cross (50mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
75mm	TUHX075PG	TUHX075HG	TUHX075SS	0.83
100mm	TUHX100PG	TUHX100HG	TUHX100SS	0.96
150mm	TUHX150PG	TUHX150HG	TUHX150SS	1.30
225mm	TUHX225PG	TUHX225HG	TUHX225SS	2.01
300mm	TUHX300PG	TUHX300HG	TUHX300SS	3.45
450mm	TUHX450PG	TUHX450HG	TUHX450SS	5.64
600mm	TUHX600PG	TUHX600HG	TUHX600SS	8.31
750mm	TUHX750PG	TUHX750HG	TUHX750SS	13.65
900mm	TUHX900PG	TUHX900HG	TUHX900SS	17.64

Cable Tray

Equal Tee

Atkore Unistrut Equal Tees

Sold as Individual

Unequal Crosses are available upon request

Product image may vary dependant on duty of fitting, finish and size.

Light Duty Equal Tee (17mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
50mm	TULT050PG	TULT050HG	TULT050SS	0.12
75mm	TULT075PG	TULT075HG	TULT075SS	0.2
100mm	TULT100PG	TULT100HG	TULT100SS	0.29
150mm	TULT150PG	TULT150HG	TULT150SS	0.49
225mm	TULT225PG	TULT225HG	TULT225SS	0.87
300mm	TULT300PG	TULT300HG	TULT300SS	1.94
450mm	TULT450PG	TULT450HG	TULT450SS	3.91
600mm	TULT600PG	TULT600HG	TULT600SS	6.42
750mm	TULT750PG	TULT750HG	TULT750SS	9.56
900mm	TULT900PG	TULT900HG	TULT900SS	13.31

Extra Heavy Duty Equal Tee (100mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
75mm	TUEHT075PG	TUEHT075HG	TUEHT075SS	-
100mm	TUEHT100PG	TUEHT100HG	TUEHT100SS	1.78
150mm	TUEHT150PG	TUEHT150HG	TUEHT150SS	-
225mm	TUEHT225PG	TUEHT225HG	TUEHT225SS	2.96
300mm	TUEHT300PG	TUEHT300HG	TUEHT300SS	3.80
450mm	TUEHT450PG	TUEHT450HG	TUEHT450SS	4.60
600mm	TUEHT600PG	TUEHT600HG	TUEHT600SS	7.70
750mm	TUEHT750PG	TUEHT750HG	TUEHT750SS	-
900mm	TUEHT900PG	TUEHT900HG	TUEHT900SS	19.2

Medium Duty Equal Tee (25mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
50mm	TUMT050PG	TUMT050HG	TUMT050SS	0.41
75mm	TUMT075PG	TUMT075HG	TUMT075SS	0.51
100mm	TUMT100PG	TUMT100HG	TUMT100SS	0.63
150mm	TUMT150PG	TUMT150HG	TUMT150SS	0.92
225mm	TUMT225PG	TUMT225HG	TUMT225SS	1.38
300mm	TUMT300PG	TUMT300HG	TUMT300SS	2.02
450mm	TUMT450PG	TUMT450HG	TUMT450SS	3.35
600mm	TUMT600PG	TUMT600HG	TUMT600SS	4.93
750mm	TUMT750PG	TUMT750HG	TUMT750SS	12.20
900mm	TUMT900PG	TUMT900HG	TUMT900SS	18.65

Extra Extra Heavy Duty Equal Tee (150mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
75mm	TUXHT075PG	TUXHT075HG	TUXHT075SS	-
100mm	TUXHT100PG	TUXHT100HG	TUXHT100SS	-
150mm	TUXHT150PG	TUXHT150HG	TUXHT150SS	-
225mm	TUXHT225PG	TUXHT225HG	TUXHT225SS	2.50
300mm	TUXHT300PG	TUXHT300HG	TUXHT300SS	3.10
450mm	TUXHT450PG	TUXHT450HG	TUXHT450SS	4.70
600mm	TUXHT600PG	TUXHT600HG	TUXHT600SS	7.30
750mm	TUXHT750PG	TUXHT750HG	TUXHT750SS	-
900mm	TUXHT900PG	TUXHT900HG	TUXHT900SS	-

Heavy Duty Equal Tee (50mm)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
75mm	TUHT075PG	TUHT075HG	TUHT075SS	0.83
100mm	TUHT100PG	TUHT100HG	TUHT100SS	0.96
150mm	TUHT150PG	TUHT150HG	TUHT150SS	1.30
225mm	TUHT225PG	TUHT225HG	TUHT225SS	2.01
300mm	TUHT300PG	TUHT300HG	TUHT300SS	3.45
450mm	TUHT450PG	TUHT450HG	TUHT450SS	5.64
600mm	TUHT600PG	TUHT600HG	TUHT600SS	8.31
750mm	TUHT750PG	TUHT750HG	TUHT750SS	13.65
900mm	TUHT900PG	TUHT900HG	TUHT900SS	17.64

Cable Tray

Adjustable Risers

Atkore Unistrut Risers

Product image may vary dependant on duty of fitting, finish and size.

Sold as Individual

Used as outside riser:

30°
45°
60°
90°
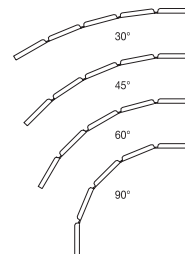
Used as inside riser:

90°
60°
45°
30°
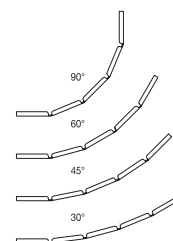
Adjustable Risers (Light & Medium)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
50mm	TUMAR050PG	TUMAR050HG	TUMAR050SS	0.18
75mm	TUMAR075PG	TUMAR075HG	TUMAR075SS	0.24
100mm	TUMAR100PG	TUMAR100HG	TUMAR100SS	0.31
150mm	TUMAR150PG	TUMAR150HG	TUMAR150SS	0.43
225mm	TUMAR225PG	TUMAR225HG	TUMAR225SS	0.63
300mm	TUMAR300PG	TUMAR300HG	TUMAR300SS	0.81
450mm	TUMAR450PG	TUMAR450HG	TUMAR450SS	1.20
600mm	TUMAR600PG	TUMAR600HG	TUMAR600SS	2.47
750mm	TUMAR750PG	TUMAR750HG	TUMAR750SS	3.19
900mm	TUMAR900PG	TUMAR900HG	TUMAR900SS	4.01
			Compatible with both Light and Medium cable trays	

Adjustable Risers (Heavy)

Size (W)	Part No.			Weight
	PG	HG	SS	kg
75mm	TUHAR075PG	TUHAR075HG	TUHAR075SS	0.34
100mm	TUHAR100PG	TUHAR100HG	TUHAR100SS	0.40
150mm	TUHAR150PG	TUHAR150HG	TUHAR150SS	0.53
225mm	TUHAR225PG	TUHAR225HG	TUHAR225SS	0.72
300mm	TUHAR300PG	TUHAR300HG	TUHAR300SS	0.90
450mm	TUHAR450PG	TUHAR450HG	TUHAR450SS	1.29
600mm	TUHAR600PG	TUHAR600HG	TUHAR600SS	1.68
750mm	TUHAR750PG	TUHAR750HG	TUHAR750SS	3.34
900mm	TUHAR900PG	TUHAR900HG	TUHAR900SS	4.16

Fixed Risers

Fixed Inside Riser (IR)

Fixed Outside Riser (OR)

Fixed Risers (Heavy)

Size (W)	Part Code (Inside)	Part Code (Outside)	Weight
	HG	HG	kg
75mm	TUHIR075HG	TUHOR075HG	0.41
100mm	TUHIR100HG	TUHOR100HG	0.48
150mm	TUHIR150HG	TUHOR150HG	0.64
225mm	TUHIR225HG	TUHOR225HG	0.86
300mm	TUHIR300HG	TUHOR300HG	1.08
450mm	TUHIR450HG	TUHOR450HG	1.29
600mm	TUHIR600HG	TUHOR600HG	1.68
750mm	TUHIR750HG	TUHOR750HG	2.02
900mm	TUHAR900HG	X	4.99

Cable Tray

Atkore Unistrut Reducers

Product image may vary dependant on duty of fitting, finish and size.

Sold as Individual
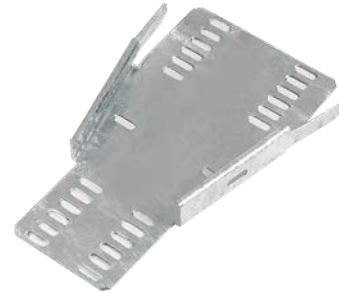
Light Cable Tray Reducer

Width	50mm	75mm	100mm	150mm	225mm	300mm	450mm	600mm	750mm	900mm
50mm		TULSR075/050	TULSR150/050	TULSR150/050						
75mm	TULSR075/050		TULSR100/075	TULSR150/075	TULSR225/075					
100mm	TULSR100/050	TULSR100/075		TULSR150/100	TULSR225/100	TULSR300/100	TULSR450/100			
150mm	TULSR150/050	TULSR150/075	TULSR150/100		TULSR225/150	TULSR300/150	TULSR450/150	TULSR600/150		
225mm		TULSR225/075	TULSR225/100	TULSR225/150		TULSR300/225	TULSR450/225	TULSR600/225	TULSR750/225	
300mm			TULSR300/100	TULSR300/150	TULSR300/225		TULSR450/300	TULSR600/300	TULSR750/300	TULSR900/300
450mm			TULSR450/100	TULSR450/150	TULSR450/225	TULSR450/300		TULSR600/450	TULSR750/450	TULSR900/450
600mm				TULSR600/150	TULSR600/225	TULSR600/300	TULSR600/450		TULSR750/600	TULSR900/600
750mm					TULSR750/225	TULSR750/300	TULSR750/450	TULSR750/600		TULSR900/750
900mm						TULSR900/300	TULSR900/450	TULSR900/600	TULSR900/750	

Medium Cable Tray Reducer

Width	50mm	75mm	100mm	150mm	225mm	300mm	450mm	600mm	750mm	900mm
50mm		TUMSR075/050	TUMSR150/050	TUMSR150/050						
75mm	TUMSR075/050		TUMSR100/075	TUMSR150/075	TUMSR225/075					
100mm	TUMSR100/050	TUMSR100/075		TUMSR150/100	TUMSR225/100	TUMSR300/100	TUMSR450/100			
150mm	TUMSR150/050	TUMSR150/075	TUMSR150/100		TUMSR225/150	TUMSR300/150	TUMSR450/150	TUMSR600/150		
225mm		TUMSR225/075	TUMSR225/100	TUMSR225/150		TUMSR300/225	TUMSR450/225	TUMSR600/225	TUMSR750/225	
300mm			TUMSR300/100	TUMSR300/150	TUMSR300/225		TUMSR450/300	TUMSR600/300	TUMSR750/300	TUMSR900/300
450mm			TUMSR450/100	TUMSR450/150	TUMSR450/225	TUMSR450/300		TUMSR600/450	TUMSR750/450	TUMSR900/450
600mm				TUMSR600/150	TUMSR600/225	TUMSR600/300	TUMSR600/450		TUMSR750/600	TUMSR900/600
750mm					TUMSR750/225	TUMSR750/300	TUMSR750/450	TUMSR750/600		TUMSR900/750
900mm						TUMSR900/300	TUMSR900/450	TUMSR900/600	TUMSR900/750	

Heavy Cable Tray Reducer

Width	50mm	75mm	100mm	150mm	225mm	300mm	450mm	600mm	750mm	900mm
50mm		TUHSR075/050	TUHSR150/050	TUHSR150/050						
75mm	TUHSR075/050		TUHSR100/075	TUHSR150/075	TUHSR225/075					
100mm	TUHSR100/050	TUHSR100/075		TUHSR150/100	TUHSR225/100	TUHSR300/100	TUHSR450/100			
150mm	TUHSR150/050	TUHSR150/075	TUHSR150/100		TUHSR225/150	TUHSR300/150	TUHSR450/150	TUHSR600/150		
225mm		TUHSR225/075	TUHSR225/100	TUHSR225/150		TUHSR300/225	TUHSR450/225	TUHSR600/225	TUHSR750/225	
300mm			TUHSR300/100	TUHSR300/150	TUHSR300/225		TUHSR450/300	TUHSR600/300	TUHSR750/300	TUHSR900/300
450mm			TUHSR450/100	TUHSR450/150	TUHSR450/225	TUHSR450/300		TUHSR600/450	TUHSR750/450	TUHSR900/450
600mm				TUHSR600/150	TUHSR600/225	TUHSR600/300	TUHSR600/450		TUHSR750/600	TUHSR900/600
750mm					TUHSR750/225	TUHSR750/300	TUHSR750/450	TUHSR750/600		TUHSR900/750
900mm						TUHSR900/300	TUHSR900/450	TUHSR900/600	TUHSR900/750	

Example: A 600mm Wide to 300mm Wide Cable Tray Reducer in Hot Galvanised Finish would be TULSR600/300HG

Cable Tray

Sizes, Angles & Codes

Atkore Unistrut fittings come in a wide variety of widths, radii and angles (where appropriate). Many of these are standard factory items and the rest are available upon request.

Unless specified, figures are in millimetres (mm)

Light Duty
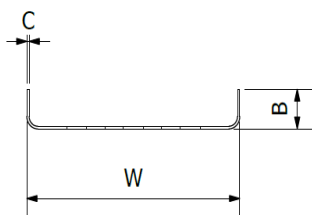
DIM B
12mm (W=50-225mm)
18mm (W=800-900mm)

Medium Duty
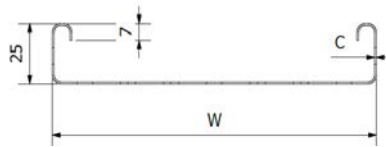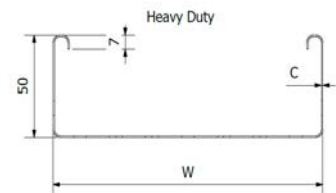
Heavy Duty

Code	Width
050	50mm
075	75mm
100	100mm
150	150mm
225	225mm
300	300mm
450	450mm
600	600mm
750	750mm
900	900mm

Angles (D) – Fittings Only

Code	Angle
30	30
45	45
60	60
90	90

Thickness (C) – Fittings Only

Code	Thickness
0.80	0.80mm
1.20	1.20mm
2.00	2.00mm

Cable Tray

Cable Tray Accessories

The complete range of Cable Tray from Atkore Unistrut

Couplers & Splices

Fish Plate (For Light Duy Cable Tray)

Sold as Individual

Size (W)	Part No.		
mm	PG	HG	SS
45	TULFP050PG	TULFP050HG	TULFP050SS
70	TULFP075PG	TULFP075HG	TULFP075SS
100	TULFP100PG	TULFP100HG	TULFP100SS
150	TULFP150PG	TULFP150HG	TULFP150SS
225	TULFP225PG	TULFP225HG	TULFP225SS
300	TULFP300PG	TULFP300HG	TULFP300SS
450	TULFP450PG	TULFP450HG	TULFP450SS
600	TULFP600PG	TULFP600HG	TULFP600SS
750	TULFP750PG	TULFP750HG	TULFP750SS
900	TULFP900PG	TULFP900HG	TULFP900SS

Straight Splice

Sold as Pair

For Medium or Heavy Duty Cable Tray

Type	Finish		
	PG	HG	SS
Medium	TUM/SCPG	TUM/SCHG	TUMSC/SS
Heavy	TUH/SCPG	TUH/SCHG	TUHSC/SS
Extra Heavy	TUEH/SCPG	TUEH/SCHG	TUEHSC/SS
Extra Extra Heavy	TUXH/SCPG	TUXH/SCHG	TUXHSC/SS
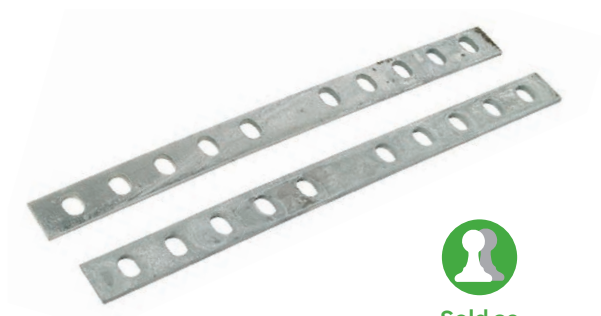
Wrap Over Splice

Sold as Pair

For Medium or Heavy Duty Cable Tray

Type	Finish		
	PG	HG	SS
Medium	TUM/WCPG	TUM/WCHG	TUM/WCSS
Heavy	TUH/WCPG	TUH/WCHG	TUH/WCSS
Extra Heavy	TUEH/WCPG	TUEH/WCHG	TUEH/WCSS
Extra Extra Heavy	TUXH/WCPG	TUXH/WCHG	TUXH/WCSS

Cable Tray

Atkore Unistrut

Atkore Unistrut Cable Tray Covers

Size (W)				Length
mm	HG	SS	PG	
50	TUCHL050/HG	TUCHL050/SS	TUCHL050/PG	3m
75	TUCHL075/HG	TUCHL075/SS	TUCHL075/PG	3m
100	TUCHL100/HG	TUCHL100/SS	TUCHL100/PG	3m
150	TUCHL150/HG	TUCHL150/SS	TUCHL150/PG	3m
225	TUCHL225/HG	TUCHL225/SS	TUCHL225/PG	3m
300	TUCHL300/HG	TUCHL300/SS	TUCHL300/PG	3m
450	TUCHL450/HG	TUCHL450/SS	TUCHL450/PG	1.5m
600	TUCHL600/HG	TUCHL600/SS	TUCHL600/PG	1.5m
750	TUCHL750/HG	TUCHL750/SS	TUCHL750/PG	1.5m
900	TUCHL900/HG	TUCHL900/SS	TUCHL900/PG	1.5m

Sold as Individual

A cover for every fitting

Atkore Unistrut have custom fit covers for the entire range of lengths and fittings and can provide custom sizes if required for unique jobs. These are available upon demand.

Ventilated Cover Clips

In addition to covers Atkore Unistrut also supply separately, the ventilated fitting equipment as detailed :

Part No.	Type	Duty	Finish
			Stainless Steel or Hot Galvanised
TUCM/VC	Ventilated	Medium	SS or HG
TUCM/CC	Closed	Medium	SS or HG
TUCH/VC	Ventilated	Heavy	SS or HG
TUCH/CC	Closed	Heavy	SS or HG

1.5m cover requires
4 cover clips

3m cover requires
6 cover clips

closed: ventilated: closed: ventilated:

M6x16

M6x16

M6x16

M6x16

M6x16

M6x16

M6x16

M6x16

MD & HD   HD
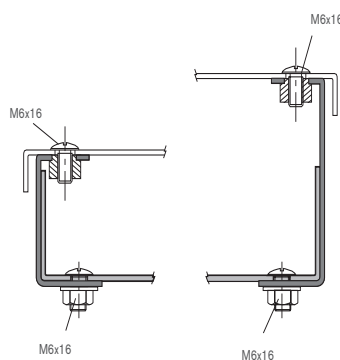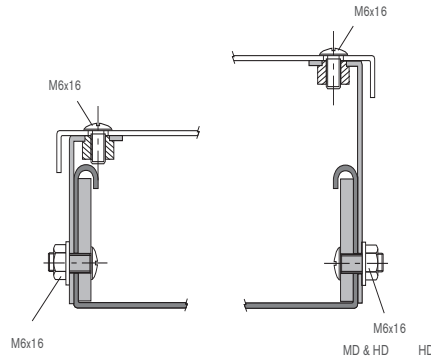
Cable Tray L   HG   **Cable Tray M & Cable Tray H**   HG   SS

Cable Tray

Other Accessories

Atkore Unistrut Cable Tray Accessories

Dividers

Sold as Individual

Duty	Finish		
	PG	HG	SS
Medium	TUM/SDPG	TUMSD/HG	TUMSD/SS
Heavy	TUH/SDPG	TUHSD/HG	TUHSD/SS

Earth Continuity Connector

Sold as Individual

Size (L)	Part No.	Weight
100mm	EB100	0.87

Overhead Cantilever Bracket
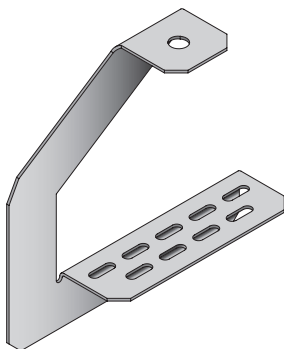
Sold as Individual

Part no.	Qty	Finish
OCBL050	1	PG
OCBL075	1	PG
OCBL100	1	PG
OCBL150	1	PG
OCBL225	1	PG
OCBL300	1	PG

Stand off Brackets

Sold as Individual

Part no.	Qty	Finish
TUTSB050PG	1	PG
TUTSB075PG	1	PG
TUTSB100PG	1	PG
TUTSB150PG	1	PG
TUTSB225PG	1	PG
TUTSB300PG	1	PG

Atkore Unistrut Cable Tray Brackets

Traying Arms
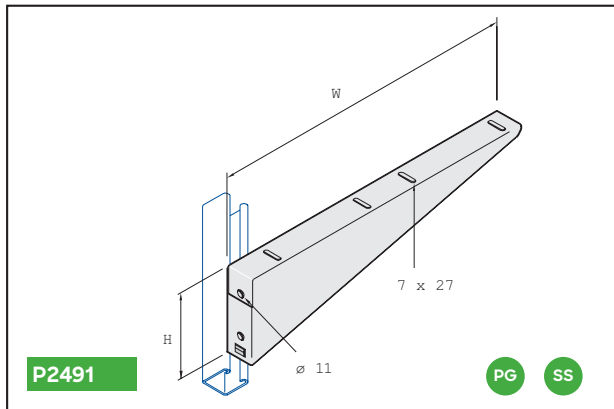
P2491 PG SS

Part No.	Finishes		W	H	Fmax	🏋W	📦
	PG	SS	mm	mm	Kn		
P2491/100	●	●	105	63	1.6	0.20	1
P2491/150	●	●	155	63	1.6	0.28	1
P2491/225	●	●	230	75	1.5	0.42	1
P2491/300	●	●	305	87	1.4	0.60	1
P2491/450	●	●	455	125	1.1	1.07	1
P2491/600	●	●	605	164	1.0	1.63	1

Heavy Duty Tray Stand Off Bracket
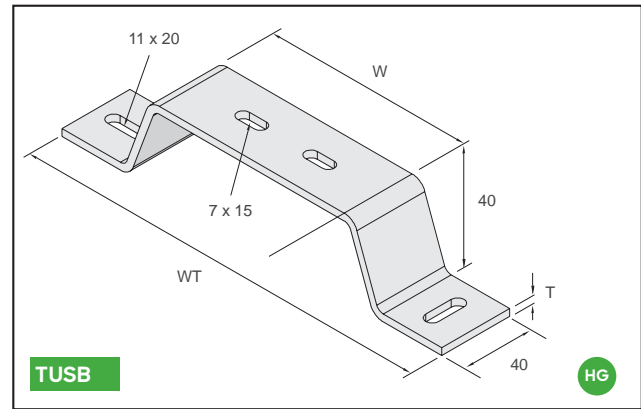
TUSB HG

Part No.	Finishes	W	WT	T	🏋W	📦
	HG	mm	mm	mm		
TUSB050	●	50	154	3	0.18	1
TUSB075	●	75	179	3	0.20	1
TUSB100	●	100	204	3	0.23	1
TUSB150	●	150	254	3	0.28	1
TUSB225	●	225	329	5	0.56	1
TUSB300	●	300	404	5	0.68	1
TUSB450	●	450	554	5	0.91	1
TUSB600	●	600	704	5	1.15	1

G-Type Hanging Bracket
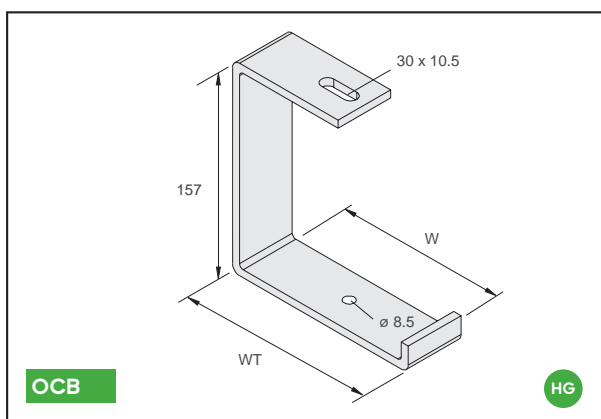
OCB HG

Part No.	Finishes	W	WT	🏋W	📦
	HG	mm	mm		
OCB75	●	80	92	0.68	1
OCB100	●	105	117	0.73	1
OCB150	●	155	167	0.89	1
OCB225	●	230	242	1.14	1
OCB300	●	305	317	1.38	1

Stated loadings apply to mild steel products only.

Hold Down Bracket
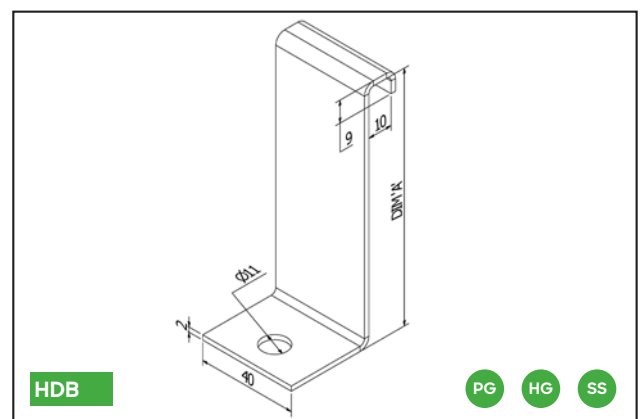
HDB PG HG SS

Part No.	Finishes			W	H	🏋W	📦
	HG	PG	SS	mm	mm		
TUEH/HDB	●			40	100.5	0.09	1
TUEH/HDB		●		40	100.5	0.09	1
TUEH/HDB			●	40	100.5	0.11	1
TUH/HDB	●			40	50.5	0.06	1
TUH/HDB		●		40	50.5	0.06	1
TUH/HDB			●	40	50.5	0.07	1
TUM/HDB	●			40	25.5	0.05	1
TUM/HDB		●		40	25.5	0.05	1
TUM/HDB			●	40	25.5	0.06	1

Cable Tray

Cable Trays - Information

Atkore Unistrut Cable Tray Information

Materials and Finishes

Pre-Galvanised [PG]

Cable Trays, brackets and fittings can be Pre-Galvanised. Pre-Galvanising is to BS EN 10346 2009 (Coating Z275).

Hot-Dip Galvanised [HG]

Cable Trays, brackets, cantilever arms and fittings can be Hot-Dip Galvanised in accordance with BS EN ISO1461:2009 and chromate passivated.
The minimum average Zinc Coating is as follows:

- Cold rolled from 1.5mm Steel – 55 microns
- Fittings spun galvanised – 45 microns

Stainless Steel [SS]

- Stainless Steel 1.4301 (304)
- Stainless Steel 1.4404 (316L)
- Cleaned (Pickled & Passivated)

Applying a pickling process to stainless steel results in a clean product and it also removes any heat discoloration that has occurred in the welding process.

SPECIAL COATINGS AND MATERIAL GRADES ARE AVAILABLE ON REQUEST

Certification and Quality Standards

ISO 9001 – Quality system certification
ISO 14001 – Environment certification
ISO45001 – Health and safety certification

Useful Cross Section - Unistrut Tray

Light Duty (L)

Width	Useful cross section
mm	(cm²)
50	5.4
75	8.1
100	10.9
150	16.6
225	24.9
300	49.9
450	75.1
600	95.3
750	119.3
900	143.3

Medium Duty (M-25)

Width	Useful cross section
mm	(cm²)
50	11.4
75	17.4
100	23.5
150	35.6
225	53.7
300	70.4
450	106.1
600	141.8
750	171.1
900	205.6

Heavy Duty (H-50)

Width	Useful cross section
mm	(cm²)
75	35.8
100	48.1
150	72.7
225	108.2
300	144.8
450	213.6
600	285.6
750	357.6
900	429.6

Stated loadings apply to mild steel products only.

Pickle & Passivate is available upon request

Loading Data

Atkore Unistrut Cable Tray Brackets

Loading Data
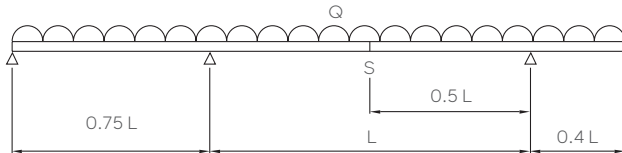
Load test according to CEI/IEC 61537:2001

Q = UDL (uniformly distributed load)

Safety Factor = 1.7

L = intermediate span

F = deflection = 1/100 of the intermediate span (max.)

S = splice location

Atkore Unistrut's load testing is in accordance with CEI/IEC 61537:2001. In practical terms this covers continuous/multi span installations, evenly loaded along the length of, and across the full width of the tray. The end spans in these installations should be reduced to 0.75 of the intermediate spans.

Deflection: Atkore Unistrut's load and deflection figures are in accordance with CEI/IEC 61537:2001, with the characteristic deflection of Atkore Unistrut Cable Tray limited to span/100 and load figures inclusive of a safety factor of 1.7.

Accessories: To ensure adequate support, accessories should be supported locally.

Couplers: The loading and deflection tables for Atkore Unistrut Cable Tray assume that the couplers are located at the most onerous position within the span (i.e. mid span). To maintain the load/deflection figures stated in the tables, the couplers should not be located in end spans or over support locations. Straight couplers were utilised for the testing of the medium and heavy duty Cable Trays. Only one pair of couplers should be installed per span.

Light Duty Cable Tray
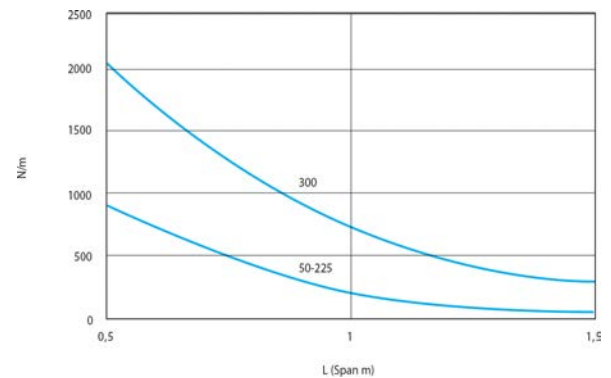
Medium Duty Cable Tray
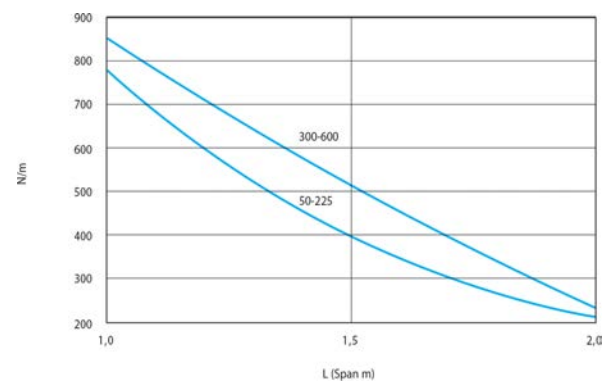
Heavy Duty Cable Tray
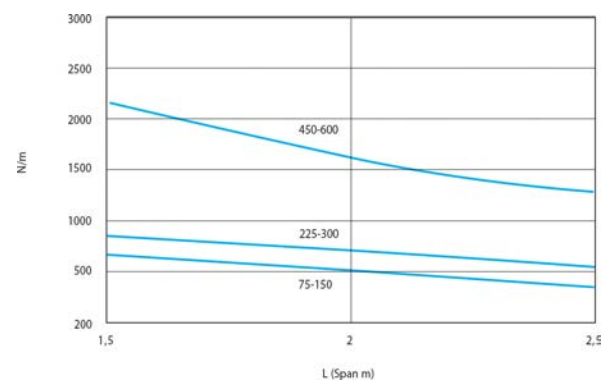
Notes

0.5cm x 0.5cm

Cable Ladder

The complete range of Cable Ladder
from Atkore Unistrut

CABLE LADDER CONTENTS

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About Atkore Unistrut Cable Ladders	76
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Technical Information	98
Fittings	103
U11 PG Ladder	106

Cable Ladder

Atkore Unistrut Cable Ladder Solutions

Key Features

Atkore Unistrut's Cable Ladder systems are renowned around the world for quality and engineering excellence. Wherever severe corrosion conditions are present, or a long maintenance free life is required, Atkore Unistrut's welded steel Cable Ladder systems are the obvious choice. Atkore Unistrut manufactures a complete range of Cable Ladder systems for a wide range of load and span combinations to suit the requirements of almost any installation.

Cable Ladders are selected because of their heavy load carrying capacities and the excellent performance they give in harsh environments where salt spray or salt laden atmosphere, and other mild corrosive materials are present. Applications such as Oil & Gas, Petrochemical, tunnels, port facilities and anything else you can imagine.

Supplied in medium, **heavy** and **extra heavy duty** sizes.

Available in standard finishes of [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel, but also Specialist Finishes are available on request.

Engineered to maximise long span runs where support installation is limited.
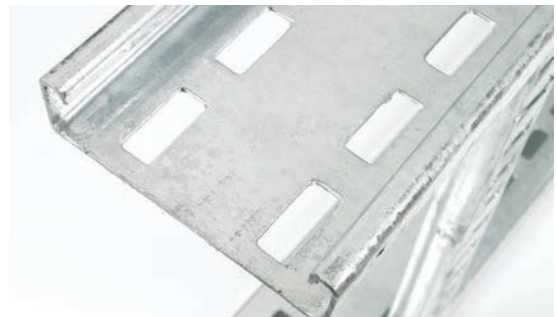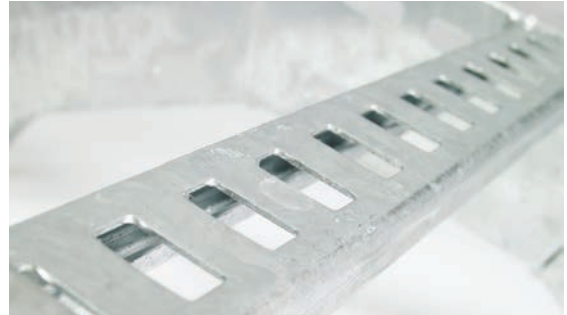
Cable Ladder

Tables & Keys

Cable Ladder Tables & Keys Guide

Material Finish (Straights and Fittings)

Finish	Code
Pre-Galvanised	PG
Hot Dipped Galvanised	HG
Stainless Steel	SS

PG **HG** **SS**

Icon Key - Features

Including Fitments

Sold as Pair

Sold as Individual

Width and Angle Codes

Standard Widths (W)		By Request		Radii (R)		Angles (D)		By Request
Code	Width			Code	Width	Width	Angle	
10	100mm	By Request		30	300mm*	30	30	By Request
15	150mm			45	450mm	45	45	
20	200mm	By Request		60	600mm	60	60	By Request
30	300mm			75	750mm	90	90	
40	400mm	By Request		90	900mm			
45	450mm							
50	500mm	By Request						
60	600mm							
70	700mm	By Request						
75	750mm							
80	800mm	By Request						
90	900mm							
100	1000mm	By Request						

*Standard

Cable Ladders

Atkore Unistrut Cable Ladder Solutions

U10 – Medium Duty

Medium Duty 100mm high cable ladder for the tougher application and complete with a wide range of accessories and fixings to suit.

Available in 3 or 6m lengths with widths from 100 to 1200mm, in [HG] Hot-Dip Galvanised and [SS] Stainless Steel finishes.

Typical loading on with a 3m support span of approx 235kg/m.
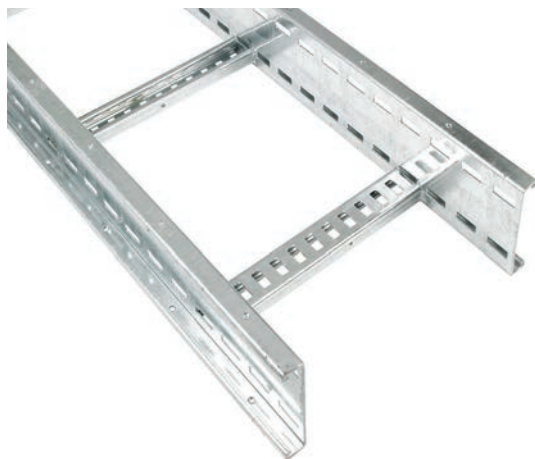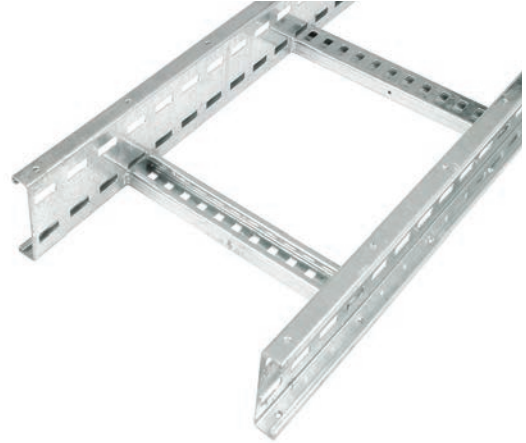
U12 – Heavy Duty

Heavy Duty 125mm high cable ladder, designed for applications which require a stronger and more rigid solution, complete with a wide range of accessories and fixings to suit.

Available in 3 or 6m lengths with widths from 100 to 1200mm, in [HG] Hot-Dip Galvanised and [SS] Stainless Steel finishes.

Typical loading on with a 3m support span of approx 357kg/m.

U15 – Extra Heavy Duty

Extra Heavy Duty 150mm high cable ladder intended for use in applications which require additional strengths and reliability. Complete with a wide range of accessories and fittings, the Extra Heavy Duty Cable Ladder is supplied in 3 or 6m lengths and is available in a number of finishes, including [HG] Hot-Dip Galvanised and [SS] Stainless Steel.

Typical loading on with a 3m support span of approx 449kg/m.
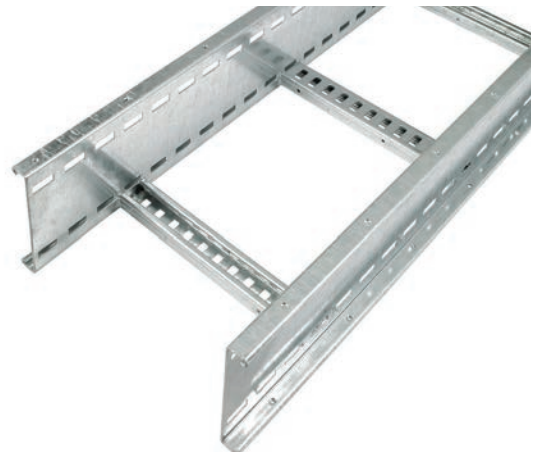
U10 - Medium Duty

Medium Duty Cable Ladder

L3 and L6 Cable Ladder
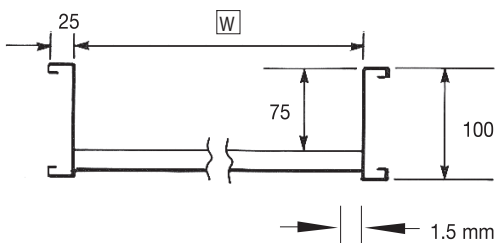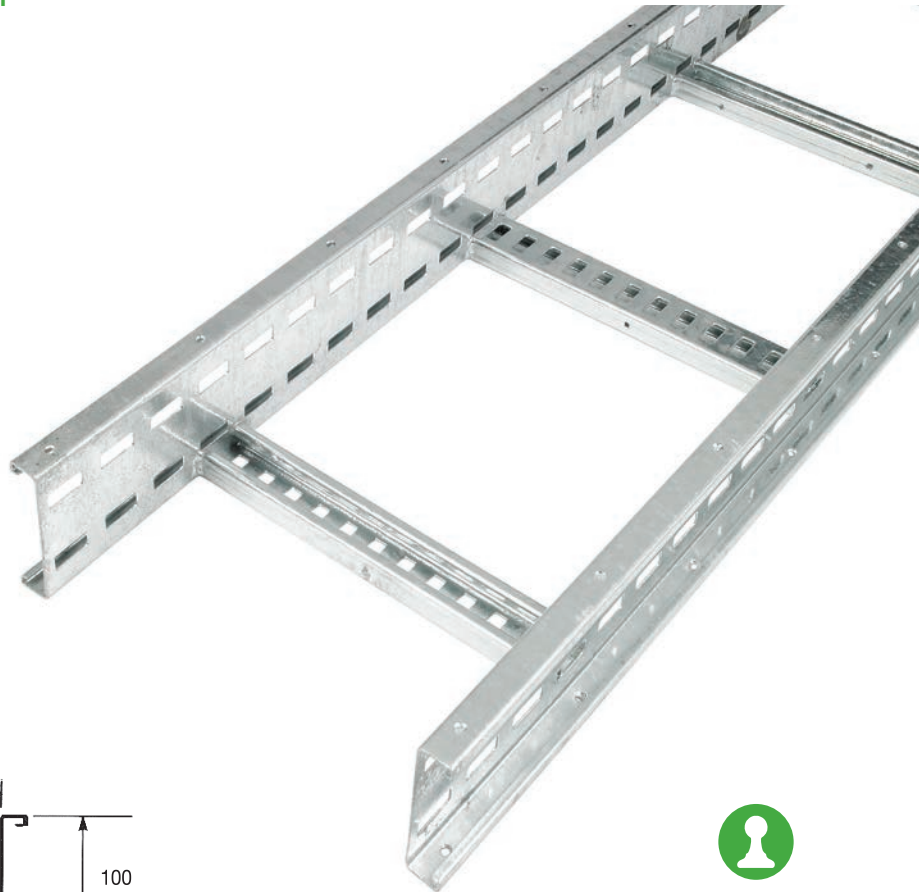
Sold as Individual

Size (W)	U10 L3 (3 metre Length) Product Code			Weight	U10 L6 (6 metre Length) Product Code			Weight
mm	HG	PG	SS	kg	HG	PG	SS	kg
100	U10L3100H	U10L3100PG	U10L3100S	13.2	U10L6100H	U10L6100PG	U10L6100S	26.53
150	U10L3150H	U10L3150PG	U10L3150S	13.8	U10L6150H	U10L6150PG	U10L6150S	27.67
200	U10L3200H	U10L3200PG	U10L3200S	14.4	U10L6200H	U10L6200PG	U10L6200S	28.81
300	U10L3300H	U10L3300PG	U10L3300S	15.55	U10L6300H	U10L6300PG	U10L6300S	31.10
400	U10L3400H	U10L3400PG	U10L3400S	16.69	U10L6400H	U10L6400PG	U10L6400S	33.39
450	U10L3450H	U10L3450PG	U10L3450S	17.27	U10L6450H	U10L6450PG	U10L6450S	34.53
500	U10L3500H	U10L3500PG	U10L3500S	17.84	U10L6500H	U10L6500PG	U10L6500S	35.68
600	U10L3600H	U10L3600PG	U10L3600S	18.98	U10L6600H	U10L6600PG	U10L6600S	37.97
700	U10L3700H	U10L3700PG	U10L3700S	22.13	U10L6700H	U10L6700PG	U10L6700S	44.25
750	U10L3750H	U10L3750PG	U10L3750S	22.84	U10L6750H	U10L6750PG	U10L6750S	45.68
800	U10L3800H	U10L3800PG	U10L3800S	23.55	U10L6800H	U10L6800PG	U10L6800S	47.11
900	U10L3900H	U10L3900PG	U10L3900S	24.98	U10L6900H	U10L6900PG	U10L6900S	49.97
1000	U10L31000H	U10L31000PG	U10L31000S	26.41	U10L61000H	U10L61000PG	U10L61000S	52.83

Atkore™ Unistrut

U12 – Heavy Duty

Heavy Duty Cable Ladder

L3 and L6 Cable Ladder

25

W

100

125

2.0 mm
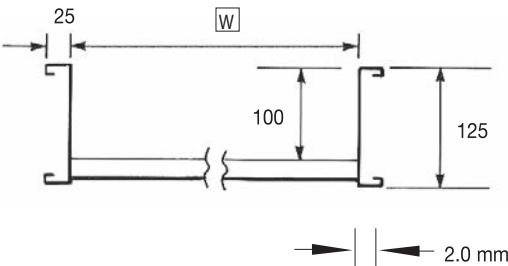
Sold as Individual

Size (W)	U12 L3 (3 metre Length) Product Code			Weight	U12 L6 (6 metre Length) Product Code			Weight
mm	HG	PG	SS	kg	HG	PG	SS	kg
100	U12L3100H	U12L3100PG	U12L3100S	18.89	U12L6100H	U12L6100PG	U12L6100S	38.22
150	U12L3150H	U12L3150PG	U12L3150S	19.68	U12L6150H	U12L6150PG	U12L6150S	39.37
200	U12L3200H	U12L3200PG	U12L3200S	20.25	U12L6200H	U12L6200PG	U12L6200S	40.51
300	U12L3300H	U12L3300PG	U12L3300S	21.40	U12L6300H	U12L6300PG	U12L6300S	42.80
400	U12L3400H	U12L3400PG	U12L3400S	22.54	U12L6400H	U12L6400PG	U12L6400S	44.54
450	U12L3450H	U12L3450PG	U12L3450S	23.11	U12L6450H	U12L6450PG	U12L6450S	46.23
500	U12L3500H	U12L3500PG	U12L3500S	23.69	U12L6500H	U12L6500PG	U12L6500S	47.38
600	U12L3600H	U12L3600PG	U12L3600S	24.83	U12L6600H	U12L6600PG	U12L6600S	49.66
700	U12L3700H	U12L3700PG	U12L3700S	27.97	U12L6700H	U12L6700PG	U12L6700S	55.95
750	U12L3750H	U12L3750PG	U12L3750S	28.69	U12L6750H	U12L6750PG	U12L6750S	57.28
800	U12L3800H	U12L3800PG	U12L3800S	29.40	U12L6800H	U12L6800PG	U12L6800S	58.81
900	U12L3900H	U12L3900PG	U12L3900S	30.83	U12L6900H	U12L6900PG	U12L6900S	61.67
1000	U12L31000H	U12L31000PG	U12L31000S	32.26	U12L61000H	U12L61000PG	U12L61000S	64.53

U15 - Extra Heavy Duty

Extra Heavy Duty Cable Ladder

L3 and L6 Cable Ladder

25

W

125

150

2.0 mm

Sold as Individual
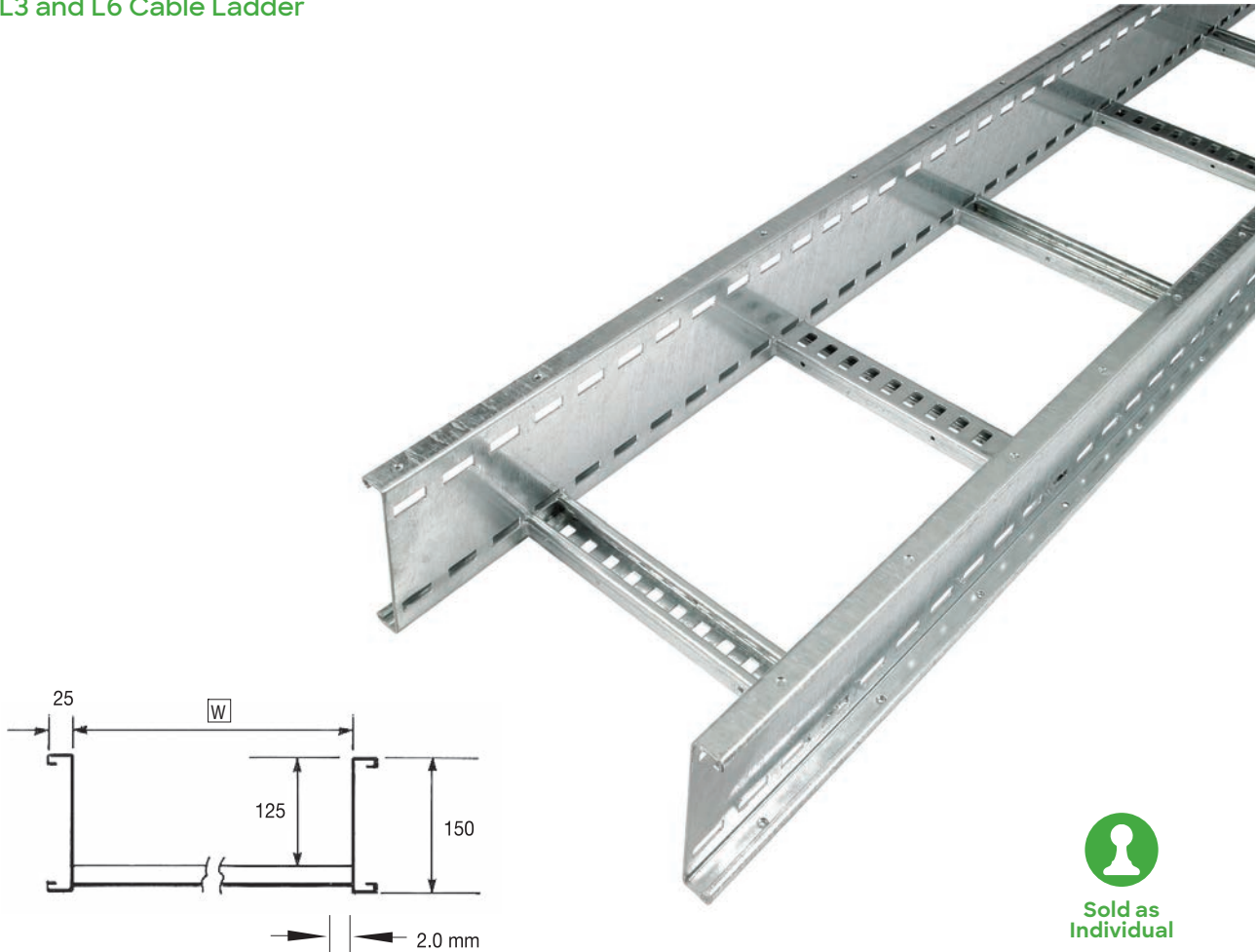
Cable Ladder

Size (W)	U15 L3 (3 metre Length) Product Code			Weight	U15 L6 (6 metre Length) Product Code			Weight
mm	HG	PG	SS	kg	HG	PG	SS	kg
100	U15L3100H	U15L3100PG	U15L3100S	21.56	U15L6100H	U15L6100PG	U15L6100S	42.48
150	U15L3150H	U15L3150PG	U15L3150S	22.14	U15L6150H	U15L6150PG	U15L6150S	44.27
200	U15L3200H	vU15L3200PG	U15L3200S	22.71	U15L6200H	U15L6200PG	U15L6200S	45.42
300	U15L3300H	U15L3300PG	U15L3300S	23.85	U15L6300H	U15L6300PG	U15L6300S	47.41
400	U15L3400H	U15L3400PG	U15L3400S	25	U15L6400H	U15L6400PG	U15L6400S	49.24
450	U15L3450H	U15L3450PG	U15L3450S	25.57	U15L6450H	U15L6450PG	U15L6450S	51.14
500	U15L3500H	U15L3500PG	U15L3500S	26.14	U15L6500H	U15L6500PG	U15L6500S	52.28
600	U15L3600H	U15L3600PG	U15L3600S	27.28	U15L6600H	U15L6600PG	U15L6600S	54.57
700	U15L3700H	U15L3700PG	U15L3700S	30.43	U15L6700H	U15L6700PG	U15L6700S	60.87
750	U15L3750H	U15L3750PG	U15L3750S	31.14	U15L6750H	U15L6750PG	U15L6750S	62.29
800	U15L3800H	U15L3800PG	U15L3800S	31.86	U15L6800H	U15L6800PG	U15L6800S	63.72
900	U15L3900H	U15L3900PG	U15L3900S	33.29	U15L6900H	U15L6900PG	U15L6900S	66.58
1000	U15L31000H	U15L31000PG	U15L31000S	34.72	U15L61000H	U15L61000PG	U15L61000S	69.44

Atkore™ Unistrut

45° Flat Bend

Cable Ladder Flat Bends

Cable Ladder

U10 45° Flat Bends

| Size (W) | Part No. | | Weight |
mm	HG	SS	kg
100	U10FB10/45/30H	U10FB10/45/30S	1.9
150	U10FB15/45/30H	U10FB15/45/30S	2.1
200	U10FB20/45/30H	U10FB20/45/30S	2.3
300	U10FB30/45/30H	U10FB30/45/30S	2.7
400	U10FB40/45/30H	U10FB40/45/30S	3.1
450	U10FB45/45/30H	U10FB45/45/30S	3.3
500	U10FB50/45/30H	U10FB50/45/30S	3.5
600	U10FB60/45/30H	U10FB60/45/30S	3.9
700	U10FB70/45/30H	U10FB70/45/30S	5.7
750	U10FB75/45/30H	U10FB75/45/30S	6
800	U10FB80/45/30H	U10FB80/45/30S	6.3
900	U10FB90/45/30H	U10FB90/45/30S	6.9
1000	U10FB100/45/30H	U10FB100/45/30S	7.5

U12 45° Flat Bends

| Size (W) | Part No. | | Weight |
mm	HG	SS	kg
100	U12FB10/45/30H	U12FB10/45/30S	2.7
150	U12FB15/45/30H	U12FB15/45/30S	3
200	U12FB20/45/30H	U12FB20/45/30S	3.2
300	U12FB30/45/30H	U12FB30/45/30S	3.7
400	U12FB40/45/30H	U12FB40/45/30S	4
450	U12FB45/45/30H	U12FB45/45/30S	4.4
500	U12FB50/45/30H	U12FB50/45/30S	4.9
600	U12FB60/45/30H	U12FB60/45/30S	5
700	U12FB70/45/30H	U12FB70/45/30S	6.8
750	U12FB75/45/30H	U12FB75/45/30S	7.2
800	U12FB80/45/30H	U12FB80/45/30S	7.5
900	U12FB90/45/30H	U12FB90/45/30S	8.1
1000	U12FB100/45/30H	U12FB100/45/30S	8.8

U15 45° Flat Bends

| Size (W) | Part No. | | Weight |
mm	HG	SS	
100	U15FB10/45/30H	U15FB10/45/30S	3
150	U15FB15/45/30H	U15FB15/45/30S	3.3
200	U15FB20/45/30H	U15FB20/45/30S	3.5
300	U15FB30/45/30H	U15FB30/45/30S	4
400	U15FB40/45/30H	U15FB40/45/30S	4.2
450	U15FB45/45/30H	U15FB45/45/30S	4.8
500	U15FB50/45/30H	U15FB50/45/30S	5
600	U15FB60/45/30H	U15FB60/45/30S	5.5
700	U15FB70/45/30H	U15FB70/45/30S	7.4
750	U15FB75/45/30H	U15FB75/45/30S	7.7
800	U15FB80/45/30H	U15FB80/45/30S	8.1
900	U15FB90/45/30H	U15FB90/45/30S	8.7
1000	U15FB100/45/30H	U15FB100/45/30S	9.4

Different radius' available upon request

Sold as Individual

90° Flat Bend

U10 90° Flat Bends

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U10FB10/90/30H	U10FB10/90/30S	3.2
150	U10FB15/90/30H	U10FB15/90/30S	3.5
200	U10FB20/90/30H	U10FB20/90/30S	3.9
300	U10FB30/90/30H	U10FB30/90/30S	4.5
400	U10FB40/90/30H	U10FB40/90/30S	5.7
450	U10FB45/90/30H	U10FB45/90/30S	6.1
500	U10FB50/90/30H	U10FB50/90/30S	6.5
600	U10FB60/90/30H	U10FB60/90/30S	7.3
700	U10FB70/90/30H	U10FB70/90/30S	8.8
750	U10FB75/90/30H	U10FB75/90/30S	10.41
800	U10FB80/90/30H	U10FB80/90/30S	10.93
900	U10FB90/90/30H	U10FB90/90/30S	11.98
1000	U10FB100/90/30H	U10FB100/90/30S	13.05

U12 90° Flat Bends

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U12FB10/90/30H	U12FB10/90/30S	4.6
150	U12FB15/90/30H	U12FB15/90/30S	5
200	U12FB20/90/30H	U12FB20/90/30S	5.4
300	U12FB30/90/30H	U12FB30/90/30S	6.3
400	U12FB40/90/30H	U12FB40/90/30S	7.3
450	U12FB45/90/30H	U12FB45/90/30S	8
500	U12FB50/90/30H	U12FB50/90/30S	8.5
600	U12FB60/90/30H	U12FB60/90/30S	9.2
700	U12FB70/90/30H	U12FB70/90/30S	11.2
750	U12FB75/90/30H	U12FB75/90/30S	12.8
800	U12FB80/90/30H	U12FB80/90/30S	13.4
900	U12FB90/90/30H	U12FB90/90/30S	14.6
1000	U12FB100/90/30H	U12FB100/90/30S	15.8

U15 90° Flat Bends

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U15FB10/90/30H	U15FB10/90/30S	5.1
150	U15FB15/90/30H	U15FB15/90/30S	5.5
200	U15FB20/90/30H	U15FB20/90/30S	5.9
300	U15FB30/90/30H	U15FB30/90/30S	6.8
400	U15FB40/90/30H	U15FB40/90/30S	7.7
450	U15FB45/90/30H	U15FB45/90/30S	8.6
500	U15FB50/90/30H	U15FB50/90/30S	9.1
600	U15FB60/90/30H	U15FB60/90/30S	10.1
700	U15FB70/90/30H	U15FB70/90/30S	11.9
750	U15FB75/90/30H	U15FB75/90/30S	13.49
800	U15FB80/90/30H	U15FB80/90/30S	14.11
900	U15FB90/90/30H	U15FB90/90/30S	15.34
1000	U15FB100/90/30H	U15FB100/90/30S	16.58

Different radius' available upon request

Sold as Individual

Cable Ladder

Tee

Cable Ladder Tee

U10 Tee

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U10ET10/10/30H	U10ET10/10/30S	5.3
150	U10ET15/15/30H	U10ET15/15/30S	5.7
200	U10ET20/20/30H	U10ET20/20/30S	6.1
300	U10ET30/30/30H	U10ET30/30/30S	7.7
400	U10ET40/40/30H	U10ET40/40/30S	8.7
450	U10ET45/45/30H	U10ET45/45/30S	9.2
500	U10ET50/50/30H	U10ET50/50/30S	9.7
600	U10ET60/60/30H	U10ET60/60/30S	10.7
700	U10ET70/70/30H	U10ET70/70/30S	14.2
750	U10ET75/75/30H	U10ET75/75/30S	14.9
800	U10ET80/80/30H	U10ET80/80/30S	15.5
900	U10ET90/90/30H	U10ET90/90/30S	16.9
1000	U10ET100/100/30H	U10ET100/100/30S	17.2

U12 Tee

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U12ET10/10/30H	U12ET10/10/30S	8.2
150	U12ET15/15/30H	U12ET15/15/30S	7.6
200	U12ET20/20/30H	U12ET20/20/30S	8.1
300	U12ET30/30/30H	U12ET30/30/30S	9.7
400	U12ET40/40/30H	U12ET40/40/30S	10.7
450	U12ET45/45/30H	U12ET45/45/30S	11.3
500	U12ET50/50/30H	U12ET50/50/30S	11.8
600	U12ET60/60/30H	U12ET60/60/30S	12.9
700	U12ET70/70/30H	U12ET70/70/30S	16.4
750	U12ET75/75/30H	U12ET75/75/30S	17.1
800	U12ET80/80/30H	U12ET80/80/30S	17.8
900	U12ET90/90/30H	U12ET90/90/30S	19.2
1000	U12ET100/100/30H	U12ET100/100/30S	20.2

U15 Tee

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U15ET10/10/30H	U15ET10/10/30S	8.1
150	U15ET15/15/30H	U15ET15/15/30S	8.5
200	U15ET20/20/30H	U15ET20/20/30S	8.9
300	U15ET30/30/30H	U15ET30/30/30S	10.6
400	U15ET40/40/30H	U15ET40/40/30S	11.7
450	U15ET45/45/30H	U15ET45/45/30S	12.3
500	U15ET50/50/30H	U15ET50/50/30S	12.8
600	U15ET60/60/30H	U15ET60/60/30S	13.9
700	U15ET70/70/30H	U15ET70/70/30S	17.5
750	U15ET75/75/30H	U15ET75/75/30S	18.2
800	U15ET80/80/30H	U15ET80/80/30S	19.0
900	U15ET90/90/30H	U15ET90/90/30S	20.0
1000	U15ET100/100/30H	U15ET100/100/30S	21.5

Unequal Tee's available upon request

Sold as Individual

Cable Ladder

Cross

U10 Cross

| Size (W) | Part No. | | Weight |
mm	HG	SS	kg
100	U10EC10/10/30H	U10EC10/10/30S	7.2
150	U10EC15/15/30H	U10EC15/15/30S	7.4
200	U10EC20/20/30H	U10EC20/20/30S	7.8
300	U10EC30/30/30H	U10EC30/30/30S	9.9
400	U10EC40/40/30H	U10EC40/40/30S	9.9
450	U10EC45/45/30H	U10EC45/45/30S	11.6
500	U10EC50/50/30H	U10EC50/50/30S	12.21
600	U10EC60/60/30H	U10EC60/60/30S	13.36
700	U10EC70/70/30H	U10EC70/70/30S	17.76
750	U10EC75/75/30H	U10EC75/75/30S	18.55
800	U10EC80/80/30H	U10EC80/80/30S	14.37
900	U10EC90/90/30H	U10EC90/90/30S	15.40
1000	U10EC100/100/30H	U10EC100/100/30S	16.40

U12 Cross

| Size (W) | Part No. | | Weight |
mm	HG	SS	kg
100	U12EC10/10/30H	U12EC10/10/30S	10.4
150	U12EC15/15/30H	U12EC15/15/30S	9.6
200	U12EC20/20/30H	U12EC20/20/30S	9.9
300	U12EC30/30/30H	U12EC30/30/30S	12
400	U12EC40/40/30H	U12EC40/40/30S	13.1
450	U12EC45/45/30H	U12EC45/45/30S	13.6
500	U12EC50/50/30H	U12EC50/50/30S	14.2
600	U12EC60/60/30H	U12EC60/60/30S	15.3
700	U12EC70/70/30H	U12EC70/70/30S	17.2
750	U12EC75/75/30H	U12EC75/75/30S	18.7
800	U12EC80/80/30H	U12EC80/80/30S	19.4
900	U12EC90/90/30H	U12EC90/90/30S	20.7
1000	U12EC100/100/30H	U12EC100/100/30S	21.9

U15 Cross

| Size (W) | Part No. | | Weight |
mm	HG	SS	kg
100	U15EC10/10/30H	U15EC10/10/30S	–
150	U15EC15/15/30H	U15EC15/15/30S	10.62
200	U15EC20/20/30H	U15EC20/20/30S	11
300	U15EC30/30/30H	U15EC30/30/30S	13
400	U15EC40/40/30H	U15EC40/40/30S	14.1
450	U15EC45/45/30H	U15EC45/45/30S	14.6
500	U15EC50/50/30H	U15EC50/50/30S	15.2
600	U15EC60/60/30H	U15EC60/60/30S	16.3
700	U15EC70/70/30H	U15EC70/70/30S	18.3
750	U15EC75/75/30H	U15EC75/75/30S	19.8
800	U15EC80/80/30H	U15EC80/80/30S	20.5
900	U15EC90/90/30H	U15EC90/90/30S	21.7
1000	U15EC100/100/30H	U15EC100/100/30S	23.1

Different radius' available upon request

Sold as Individual

Atkore Unistrut

45° Outside Riser

Cable Ladder Risers

U10 45° Outside Riser

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U10OR10/45/30H	U10OR10/45/30S	1.8
150	U10OR15/45/30H	U10OR15/45/30S	2.3
200	U10OR20/45/30H	U10OR20/45/30S	2.5
300	U10OR30/45/30H	U10OR30/45/30S	2.7
400	U10OR40/45/30H	U10OR40/45/30S	2.9
450	U10OR45/45/30H	U10OR45/45/30S	3
500	U10OR50/45/30H	U10OR50/45/30S	3.2
600	U10OR60/45/30H	U10OR60/45/30S	3.4
700	U10OR70/45/30H	U10OR70/45/30S	4
750	U10OR75/45/30H	U10OR75/45/30S	4.1
800	U10OR80/45/30H	U10OR80/45/30S	4.3
900	U10OR90/45/30H	U10OR90/45/30S	4.6
1000	U10OR100/45/30H	U10OR100/45/30S	4.9

U12 45° Outside Riser

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U12OR10/45/30H	U12OR10/45/30S	3.3
150	U12OR15/45/30H	U12OR15/45/30S	3.4
200	U12OR20/45/30H	U12OR20/45/30S	3.5
300	U12OR30/45/30H	U12OR30/45/30S	3.7
400	U12OR40/45/30H	U12OR40/45/30S	3.9
450	U12OR45/45/30H	U12OR45/45/30S	4.1
500	U12OR50/45/30H	U12OR50/45/30S	4.2
600	U12OR60/45/30H	U12OR60/45/30S	4.4
700	U12OR70/45/30H	U12OR70/45/30S	5
750	U12OR75/45/30H	U12OR75/45/30S	5.2
800	U12OR80/45/30H	U12OR80/45/30S	5.3
900	U12OR90/45/30H	U12OR90/45/30S	5.6
1000	U12OR100/45/30H	U12OR100/45/30S	5.9

U15 45° Outside Riser

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U15OR10/45/30H	U15OR10/45/30S	4
150	U15OR15/45/30H	U15OR15/45/30S	4.1
200	U15OR20/45/30H	U15OR20/45/30S	4.2
300	U15OR30/45/30H	U15OR30/45/30S	4.4
400	U15OR40/45/30H	U15OR40/45/30S	4.6
450	U15OR45/45/30H	U15OR45/45/30S	4.8
500	U15OR50/45/30H	U15OR50/45/30S	4.9
600	U15OR60/45/30H	U15OR60/45/30S	5.1
700	U15OR70/45/30H	U15OR70/45/30S	5.7
750	U15OR75/45/30H	U15OR75/45/30S	5.9
800	U15OR80/45/30H	U15OR80/45/30S	6
900	U15OR90/45/30H	U15OR90/45/30S	6.3
1000	U15OR100/45/30H	U15OR100/45/30S	6.6

Sold as Individual

90° Outside Riser

U10 90° Outside Riser

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U10OR10/90/30H	U10OR10/90/30S	2.5
150	U10OR15/90/30H	U10OR15/90/30S	2.6
200	U10OR20/90/30H	U10OR20/90/30S	2.7
300	U10OR30/90/30H	U10OR30/90/30S	3
400	U10OR40/90/30H	U10OR40/90/30S	3.2
450	U10OR45/90/30H	U10OR45/90/30S	3.3
500	U10OR50/90/30H	U10OR50/90/30S	3.4
600	U10OR60/90/30H	U10OR60/90/30S	3.7
700	U10OR70/90/30H	U10OR70/90/30S	4.3
750	U10OR75/90/30H	U10OR75/90/30S	4.4
800	U10OR80/90/30H	U10OR80/90/30S	4.6
900	U10OR90/90/30H	U10OR90/90/30S	4.9
1000	U10OR100/90/30H	U10OR100/90/30S	5.03

U12 90° Outside Riser

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U12OR10/90/30H	U12OR10/90/30S	3.8
150	U12OR15/90/30H	U12OR15/90/30S	3.9
200	U12OR20/90/30H	U12OR20/90/30S	4
300	U12OR30/90/30H	U12OR30/90/30S	4.2
400	U12OR40/90/30H	U12OR40/90/30S	4.4
450	U12OR45/90/30H	U12OR45/90/30S	4.5
500	U12OR50/90/30H	U12OR50/90/30S	4.6
600	U12OR60/90/30H	U12OR60/90/30S	4.9
700	U12OR70/90/30H	U12OR70/90/30S	5.5
750	U12OR75/90/30H	U12OR75/90/30S	5.6
800	U12OR80/90/30H	U12OR80/90/30S	5.8
900	U12OR90/90/30H	U12OR90/90/30S	6
1000	U12OR100/90/30H	U12OR100/90/30S	6.3

U15 90° Outside Riser

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U15OR10/90/30H	U15OR10/90/30S	4.6
150	U15OR15/90/30H	U15OR15/90/30S	4.7
200	U15OR20/90/30H	U15OR20/90/30S	4.8
300	U15OR30/90/30H	U15OR30/90/30S	5
400	U15OR40/90/30H	U15OR40/90/30S	5.2
450	U15OR45/90/30H	U15OR45/90/30S	5.3
500	U15OR50/90/30H	U15OR50/90/30S	5.5
600	U15OR60/90/30H	U15OR60/90/30S	5.7
700	U15OR70/90/30H	U15OR70/90/30S	6.3
750	U15OR75/90/30H	U15OR75/90/30S	6.4
800	U15OR80/90/30H	U15OR80/90/30S	6.6
900	U15OR90/90/30H	U15OR90/90/30S	6.9
1000	U15OR100/90/30H	U15OR100/90/30S	10.26

Sold as Individual

Cable Ladder

45° Inside Riser

Cable Ladder Risers

Cable Ladder

U10 45° Inside Riser

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U10IR10/45/30H	U10IR10/45/30S	1.8
150	U10IR15/45/30H	U10IR15/45/30S	2.3
200	U10IR20/45/30H	U10IR20/45/30S	2.5
300	U10IR30/45/30H	U10IR30/45/30S	2.7
400	U10IR40/45/30H	U10IR40/45/30S	2.9
450	U10IR45/45/30H	U10IR45/45/30S	3
500	U10IR50/45/30H	U10IR50/45/30S	3.2
600	U10IR60/45/30H	U10IR60/45/30S	3.4
700	U10IR70/45/30H	U10IR70/45/30S	4
750	U10IR75/45/30H	U10IR75/45/30S	4.1
800	U10IR80/45/30H	U10IR80/45/30S	4.3
900	U10IR90/45/30H	U10IR90/45/30S	4.6
1000	U10IR100/45/30H	U10IR100/45/30S	4.9

U12 45° Inside Riser

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U12IR10/45/30H	U12IR10/45/30S	3.3
150	U12IR15/45/30H	U12IR15/45/30S	3.4
200	U12IR20/45/30H	U12IR20/45/30S	3.5
300	U12IR30/45/30H	U12IR30/45/30S	3.7
400	U12IR40/45/30H	U12IR40/45/30S	3.9
450	U12IR45/45/30H	U12IR45/45/30S	4.1
500	U12IR50/45/30H	U12IR50/45/30S	4.2
600	U12IR60/45/30H	U12IR60/45/30S	4.4
700	U12IR70/45/30H	U12IR70/45/30S	5
750	U12IR75/45/30H	U12IR75/45/30S	5.2
800	U12IR80/45/30H	U12IR80/45/30S	5.3
900	U12IR90/45/30H	U12IR90/45/30S	5.6
1000	U12IR100/45/30H	U12IR100/45/30S	5.9

U15 45° Inside Riser

Size (W)	Part No.		Weight
mm	HG	SS	kg
100	U15IR10/45/30H	U15IR10/45/30S	4
150	U15IR15/45/30H	U15IR15/45/30S	4.1
200	U15IR20/45/30H	U15IR20/45/30S	4.2
300	U15IR30/45/30H	U15IR30/45/30S	4.4
400	U15IR40/45/30H	U15IR40/45/30S	4.6
450	U15IR45/45/30H	U15IR45/45/30S	4.8
500	U15IR50/45/30H	U15IR50/45/30S	4.9
600	U15IR60/45/30H	U15IR60/45/30S	5.1
700	U15IR70/45/30H	U15IR70/45/30S	5.7
750	U15IR75/45/30H	U15IR75/45/30S	5.9
800	U15IR80/45/30H	U15IR80/45/30S	6
900	U15IR90/45/30H	U15IR90/45/30S	6.3
1000	U15IR100/45/30H	U15IR100/45/30S	6.6

Sold as Individual

90° Inside Riser

U10 90° Inside Riser

| Size (W) | Part No. | | Weight |
mm	HG	SS	kg
100	U10IR10/90/30H	U10IR10/90/30S	1.8
150	U10IR15/90/30H	U10IR15/90/30S	2.3
200	U10IR20/90/30H	U10IR20/90/30S	2.5
300	U10IR30/90/30H	U10IR30/90/30S	2.7
400	U10IR40/90/30H	U10IR40/90/30S	2.9
450	U10IR45/90/30H	U10IR45/90/30S	3
500	U10IR50/90/30H	U10IR50/90/30S	3.2
600	U10IR60/90/30H	U10IR60/90/30S	3.4
700	U10IR70/90/30H	U10IR70/90/30S	4
750	U10IR75/90/30H	U10IR75/90/30S	4.1
800	U10IR80/90/30H	U10IR80/90/30S	4.3
900	U10IR90/90/30H	U10IR90/90/30S	4.6
1000	U10IR100/90/30H	U10IR100/90/30S	4.9

U12 90° Inside Riser

| Size (W) | Part No. | | Weight |
mm	HG	SS	kg
100	U12IR10/90/30H	U12IR10/90/30S	3.3
150	U12IR15/90/30H	U12IR15/90/30S	3.4
200	U12IR20/90/30H	U12IR20/90/30S	3.5
300	U12IR30/90/30H	U12IR30/90/30S	3.7
400	U12IR40/90/30H	U12IR40/90/30S	3.9
450	U12IR45/90/30H	U12IR45/90/30S	4.1
500	U12IR50/90/30H	U12IR50/90/30S	4.2
600	U12IR60/90/30H	U12IR60/90/30S	4.4
700	U12IR70/90/30H	U12IR70/90/30S	5
750	U12IR75/90/30H	U12IR75/90/30S	5.2
800	U12IR80/90/30H	U12IR80/90/30S	5.3
900	U12IR90/90/30H	U12IR90/90/30S	5.6
1000	U12IR100/90/30H	U12IR100/90/30S	5.9

U15 90° Inside Riser

| Size (W) | Part No. | | Weight |
mm	HG	SS	kg
100	U15IR10/90/30H	U15IR10/90/30S	4
150	U15IR15/90/30H	U15IR15/90/30S	4.1
200	U15IR20/90/30H	U15IR20/90/30S	4.2
300	U15IR30/90/30H	U15IR30/90/30S	4.4
400	U15IR40/90/30H	U15IR40/90/30S	4.6
450	U15IR45/90/30H	U15IR45/90/30S	4.8
500	U15IR50/90/30H	U15IR50/90/30S	4.9
600	U15IR60/90/30H	U15IR60/90/30S	5.1
700	U15IR70/90/30H	U15IR70/90/30S	5.7
750	U15IR75/90/30H	U15IR75/90/30S	5.9
800	U15IR80/90/30H	U15IR80/90/30S	6
900	U15IR90/90/30H	U15IR90/90/30S	6.3
1000	U15IR100/90/30H	U15IR100/90/30S	6.6

Sold as Individual

Cable Ladder

Cable Ladder Risers

Reducers are available in three variants and can be made to order for any stock width to any other standard width.

Variants include :

· Left hand reducers

· Right hand reducers

· Straight reducers

To calculate the correct reducer, please follow the formula below:

Choose your depth of ladder

U10 (Medium Duty)	= U10	
U12 (**Heavy Duty**)	= U12	
U15 (**Extra Heavy Duty**)	= U15	

U10

Choose the reducer variant

Left hand	= LR
Right hand	= RR
Straight	= SR

U10 SR

Choose the starting width

100mm	= 10
150mm	= 15
200mm	= 20
300mm	= 30
400mm	= 40
450mm	= 45
500mm	= 50
600mm	= 60
700mm	= 70
750mm	= 75
800mm	= 80
900mm	= 90
1000mm	= 100
1200mm	= 120

U10 SR 80

and the End (reduced) width

U10 SR 80 / 40

Example shows a U10 Straight Reducer of 800mm down to 400mm.

Cable Ladder

Branch Tees

Atkore Unistrut's Branch Tee's simplify the method of installation instead of using the traditional tee piece.

This allows full ladder installation runs and tee's to be added at a later date to ensure accuracy and to improve installation times.

Key Features

· Dictate where tee's positioned

· Reduces ladder cuts

· Improved installation times

· Lower installation cost

· Reduced weight for install

Radius (mm)	Width				
	300	450	600	750	900
300					
450					
600					
750					
900					

Part Number Guide

Part number = Size*BT*Width*Rad*Finish

For example: U10BT3030HG = U10 Cable Ladder Branch Tee 300mm x 300mm in Hot-Dipped Galvanised finish.

Atkore Unistrut & Marco have an experienced technical sales team who can assist with all product enquiries.

Cable Ladder

Atkore™ Unistrut

Couplers

Cable Ladder Couplers

Straight Splice

Sold as Pair

Inc Fixings

Size	Part No,		Weight
	HG	SS	
U10	U10/SP/H	U10/SP/S	1.5
U12	U12/SP/H	U12/SP/S	1.7
U15	U15/SP/H	U15/SP/S	1.9

Verticle Splice

Sold as Pair

Inc Fixings

Size	Part No.		Weight
	HG	SS	
U10	U10/VSP/H	U10/VSP/S	1.9
U12	U12/VSP/H	U12/VSP/S	2.3
U15	U15/VSP/H	U15/VSP/S	2.8

Horizontal Splice

Sold as Pair

Inc Fixings

Size	Part No.		Weight
	HG	SS	
U10	U10/HSP/H	U10/HSP/S	1.6
U12	U12/HSP/H	U12/HSP/S	1.8
U15	U15/HSP/H	U15/HSP/S	2.1

Thermal Expansion Coupler

Sold as Pair

Inc Fixings

Size	Part No.		Weight
	HG	SS	
U10	U10/TEC/H	U10/TEC/S	1.5
U12	U12/TEC/H	U12/TEC/S	1.8
U15	U15/TEC/H	U15/TEC/S	2.1

Cable Ladder

Covers – U10, U12 & U15

Cable Ladder Covers

Type	Part No.		Ladder Width	Std Length
	HG	SS	mm	m
U/COV	U/COV100H	U/COV100S	100	3
U/COV	U/COV150H	U/COV150S	150	3
U/COV	U/COV200H	U/COV200S	200	3
U/COV	U/COV300H	U/COV300S	300	3
U/COV	U/COV400H	U/COV400S	400	1.5
U/COV	U/COV450H	U/COV450S	450	1.5
U/COV	U/COV500H	U/COV500S	500	1.5
U/COV	U/COV600H	U/COV600S	600	1.5
U/COV	U/COV700H	U/COV700S	700	1.5
U/COV	U/COV750H	U/COV750S	750	1.5
U/COV	U/COV800H	U/COV800S	800	1.5
U/COV	U/COV900H	U/COV900S	900	1.5
U/COV	U/COV1000H	U/COV1000S	1000	1.5
U/COV	U/COV1200H	U/COV1200S	1200	1.5

Other lengths available upon request
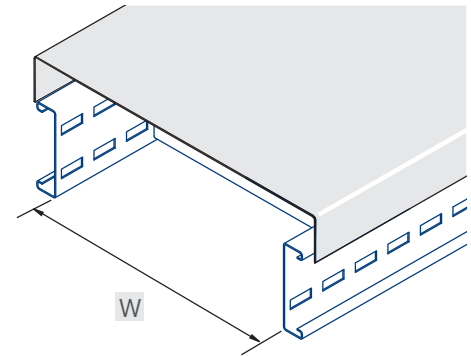
Sold as Individual

A cover for every fitting

Atkore Unistrut have custom fit covers for the entire range of lengths and fittings and can provide custom sizes if required for unique jobs.

These are available upon request – please contact the sales department for further information.

Cover Clip
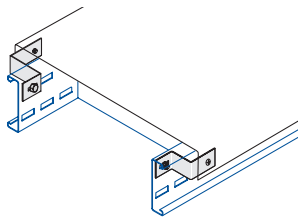
Length 1.5m – Use 4 Cover Fixings
Length 3.0m – Use 6 Cover Fixings

Part No.	Finish
	Stainless Steel or Hot Galvanised
U/COVCLIP	S or H

Cover clip can be orientated to achieve closed or ventilated cover

Accessories

Cable Ladder Accessories

H/D Bracket

Ø 11 mm
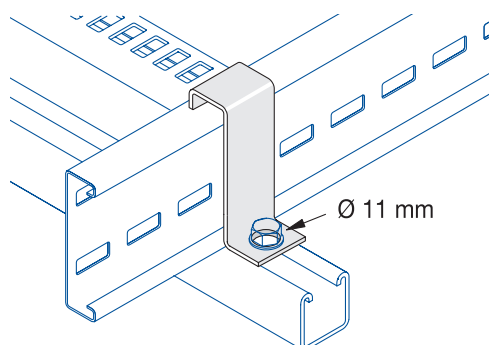
Type	Part No.	
	HG	SS
U10 / HDB	U10/HDB/H	U10/HDB/S
U12 / HDB	U12/HDB/H	U12/HDB/S
U15 / HDB	U15/HDB/H	U15/HDB/S

Suspension Clip

Ø 11 mm
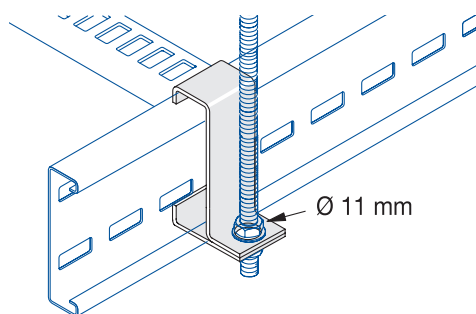
Type	Part No.	
	HG	SS
U10 / SC	U10/SC/H	U10/SC/S
U12 / SC	U12/SC/H	U12/SC/S
U15 / SC	U15/SC/H	U15/SC/S

Stop End – U10

Sold as Individual
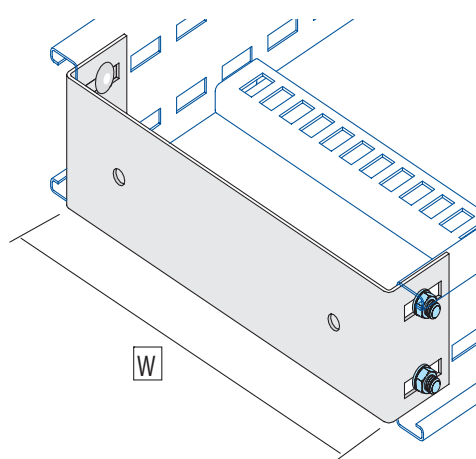
Size (W)	Part No.	
mm	HG	SS
150	U10/SE150/H	U10/SE150/S
300	U10/SE300/H	U10/SE300/S
450	U10/SE450/H	U10/SE450/S
600	U10/SE600/H	U10/SE600/S
750	U10/SE750/H	U10/SE750/S
900	U10/SE900/H	U10/SE900/S

Stop End – U12

Sold as Individual

Size (W)	Part No.	
mm	HG	SS
150	U12/SE150/H	U12/SE150/S
300	U12/SE300/H	U12/SE300/S
450	U12/SE450/H	U12/SE450/S
600	U12/SE600/H	U12/SE600/S
750	U12/SE750/H	U12/SE750/S
900	U12/SE900/H	U12/SE900/S

Accessories

Stop End – U15
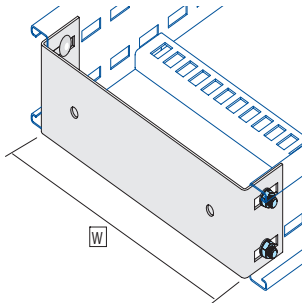
Sold as Individual

| Size (W) | Part No. | |
mm	HG	SS
150	U15/SE150/H	U15/SE150/S
300	U15/SE300/H	U15/SE300/S
450	U15/SE450/H	U15/SE450/S
600	U15/SE600/H	U15/SE600/S
750	U15/SE750/H	U15/SE750/S
900	U15/SE900/H	U15/SE900/S

Hold Down Bracket

11 x 11mm

11 x 50mm
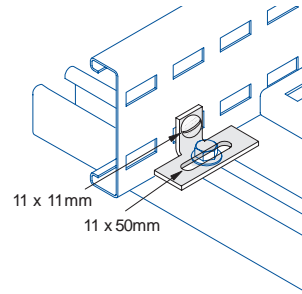
| Type | Part No. | |
	HG	SS
U10/HDB	U/CLAMP/H	U/CLAMP/S

Hold Down Clip

11 x 50 mm
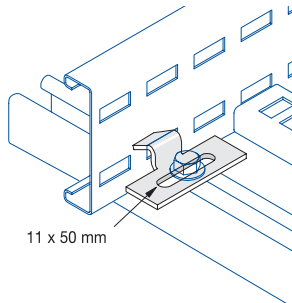
| Type | Part No. | |
	HG	SS
U/CLIP	U/CLIP/H	U/CLIP/S

Tee Bracket
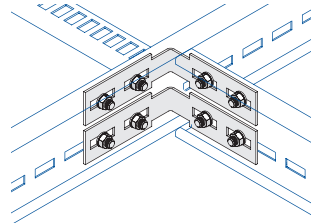
Inc Fitments

| Type | Part No. | | Quantity |
	HG	SS	
TEE	U/2TEE/H	U/2TEE/S	2
TEE	U/2TEE/H/UN	U/2TEE/S/UN	1

Reducing Splice Plate
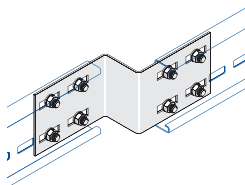
Inc Fitments

| Type | Part No. | |
	HG	SS
U/RSP	U/RSP/HG	U/RSP/SS

Cable Ladder Accessories

Wall Bracket

Ø 14 mm
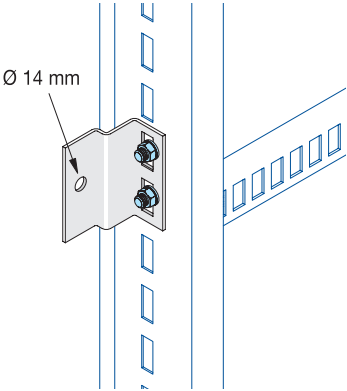
Part No.	Finish Stainless Steel or Hot Galvanised
U/WCH	SS or HG

Rail to Rail Dropper
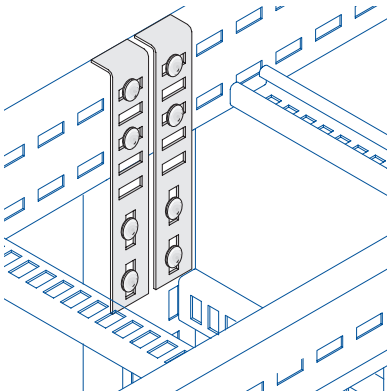
Inc Fitments

Part No.	Finish Stainless Steel or Hot Galvanised
U/RRD	SS or HG

Mounting Plate
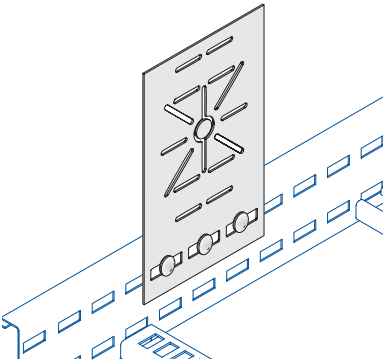
Inc Fitments

Part No.	Finish Stainless Steel or Hot Galvanised
U/MP	SS or HG

Earth Strap

Tinned Copper Braid
M10 Hole Size

L
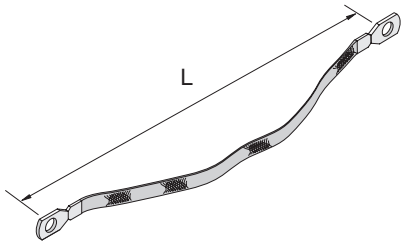
Part No.	Size (L)
UES100	100mm
UES300	300mm

Cable Ladder

Accessories

Curved Divider
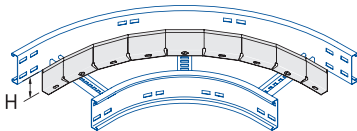
Inc Fitments

Part No.	Height mm	Finish
U/CUR30	30mm	SS or HG
U/CUR70	70mm	SS or HG

Straight Divider
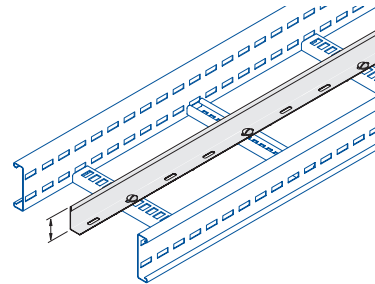
Inc Fitments

Part No.	Height mm	Finish
U/DIV30	30mm	SS or HG
U/DIV70	70mm	SS or HG

Ladder Fixing Set
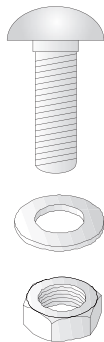
Part No.	Finish Stainless Steel or Hot Galvanised
U/FIX16M10	SS or HG

Pack of 16 (nuts, bolts and washers)

Cable Drop Out
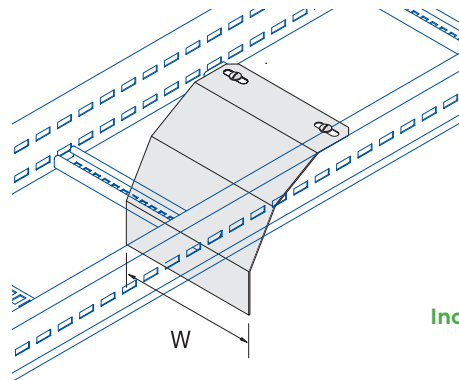
Inc Fitments

Part No.	Size (W) mm	Finish
U/DO/150	145mm	SS or HG
U/DO/200	195mm	SS or HG
U/DO/300	295mm	SS or HG
U/DO/450	445mm	SS or HG
U/DO/600	595mm	SS or HG
U/DO/750	745mm	SS or HG
U/DO/900	895mm	SS or HG

Cable Ladder

Cable Ladder Technical Data

Technical Information for Atkore Unistrut's Cable Ladder System

Materials & Finishes

Hot-Dip Galvanised [HG]

Cable Trays, brackets, cantilever arms and fittings can be Hot-Dip Galvanised in accordance with BS EN ISO1461:2009 and chromated.

The minimum average Zinc Coating is as follows:

- Cold Rolled From 1.5mm Steel – 55 microns
- 2.5mm Steel – 55 microns
- Fittings spun galvanised – 45 microns
- Mild Steel – BS EN 10149-3 grade S280 – min.yeild 280 n/mm^2 – UTS 370 n/mm^2

Deep Hot-Dip Galvanised

- BS EN 10025 S275JO+AR+CL1 or equivalent/better. 2mm min. thick material.

Stainless Steel [SS]

- Stainless Steel 1.4404 (316L)
- Hot Rolled to B.S.EN10088-2-1.4404+1D.
- Cleaned (Pickled & Passivated)

Applying a pickling process to Stainless Steel results in a clean product and it also removes any heat discolouration that has occurred in the welding process.

SPECIAL COATINGS AND MATERIAL GRADES ARE AVAILABLE ON REQUEST

Pickle & Passivate is available upon request

Certification and Quality Standards

BS EN 61537:2007

ISO 9001 – Quality system certification
ISO 14001 – Environment certification
ISO 45001 – Health and safety certification

Useful Cross Section

Type U10

Width mm	Useful cross section (cm^2)
100	75
150	113
200	150
300	225
400	300
450	338
500	375
600	450
750	563
800	600
900	650
1000	750

Type U12

Width mm	Useful cross section (cm^2)
100	100
150	150
200	200
300	300
400	400
450	450
500	500
600	600
750	750
800	800
900	900
1000	1000

Type U15

Width mm	Useful cross section (cm^2)
100	125
150	188
200	250
300	375
400	500
450	563
500	625
600	750
750	938
800	1000
900	1125
1000	1250

Cable Ladder

Cable Ladder Loading Data

Stated loadings apply to mild steel products only.
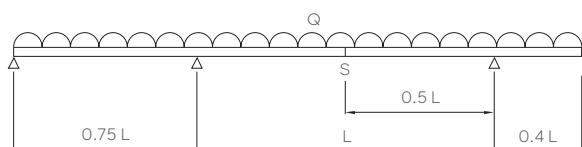
Load test according to CEI/IEC 61537:2001

Q = UDL (uniformly distributed load)

Safety Factor = 1.7

L = intermediate span

F = deflection = 1/100 of the intermediate span (max.)

S = splice location

Atkore Unistrut's load testing is in accordance with CEI/IEC 61537:2001. In practical terms this covers continuous/multi span installations, evenly loaded along the length of, and across the full width of the ladder. The end spans in these installations should be reduced to 0.75 of the intermediate spans.

Deflection: Atkore Unistrut's load and deflection figures are in accordance with CEI/IEC 61537:2001, with the characteristic deflection of Unistrut Cable Ladder limited to span/100. and load figures inclusive of a safety factor of 1.7.

Accessories: To ensure adequate support, accessories should be supported locally.

Couplers: The loading and deflection tables for Atkore Unistrut Cable Ladder assume that the couplers are located at the most onerous position within the span (i.e. mid span). To maintain the load/deflection figures stated in the tables, the couplers should not be located in end spans or over support locations. Only one pair of couplers should be installed per span.

Atkore Unistrut Ladder – Type U10
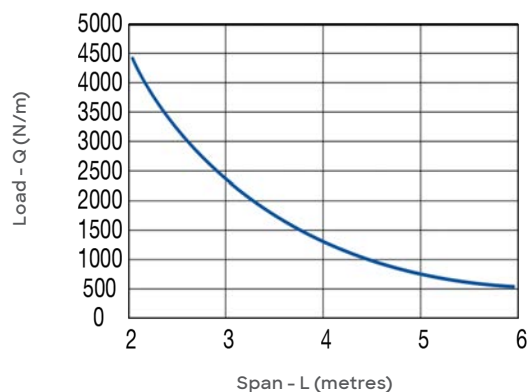
Atkore Unistrut Ladder – Type U12
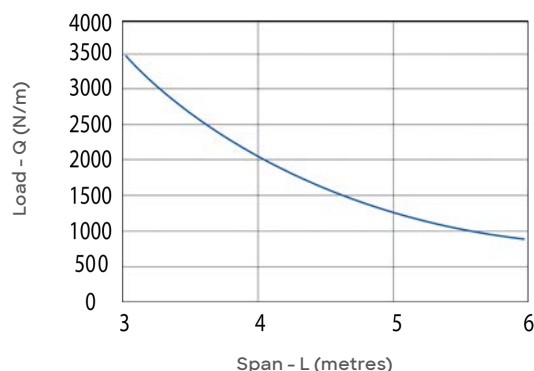
Atkore Unistrut Ladder – Type U15
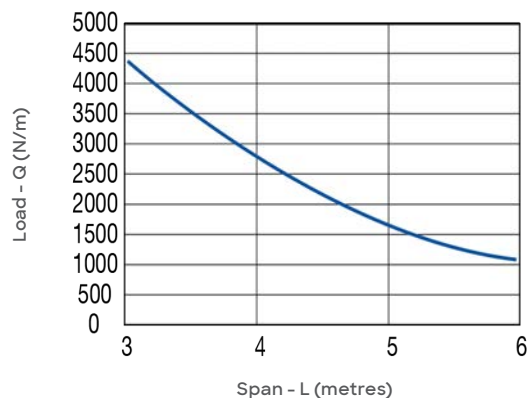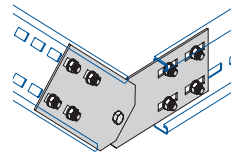
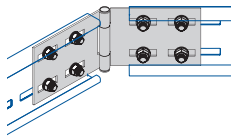# Couplers

SP Coupler (Straight Spice)
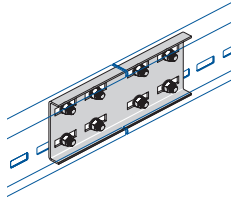
2x Straight Splices with fasteners included.
For use in joining flat sections (straights and curves)

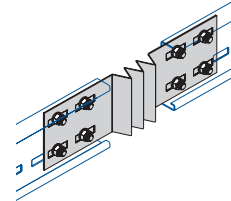### VSP Coupler (Verticle Splice)

2x Vertical Splices with fittings included.
For use in creating an adjustable riser.

HSP Coupler (Horizontal Splice)

2x Horizontal Splices with fittings included.
A hinged splice to allow straights to connect at varying angles.

TEC Coupler (Thermal Expansion Coupler)

2x Thermal Expansion Couplers with fittings included.
To compensate for thermal expansion.

Cable Ladder

Size & Angle Codes

Cable Ladder Size & Angle Codes

Atkore Unistrut's fittings come in a wide variety of widths, radii and angles (where appropriate). Many of these are standard factory items and the rest are available upon request.
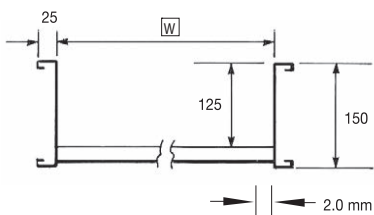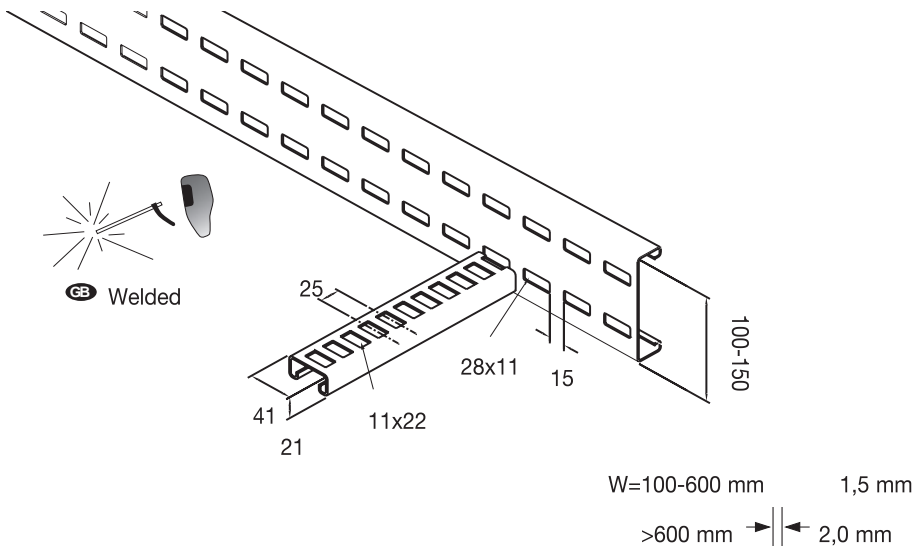
Unless specified, figures are in millimeters (mm)

U10
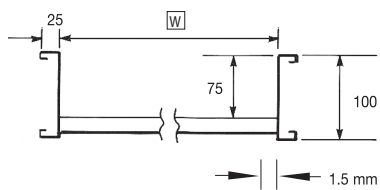
U12
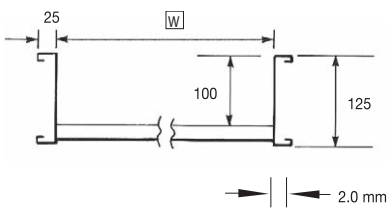
U15

Standard Widths (W)		By Request	Angles (D)		By Request	Radii (R)	
Code	Width		Width	Angle		Code	Width
10	100mm	By Request	30	30	By Request	30	300mm*
15	150mm		45	45		45	450mm
20	200mm	By Request	60	60	By Request	60	600mm
30	300mm		90	90		75	750mm
40	400mm	By Request				90	900mm
45	450mm						
50	500mm	By Request					
60	600mm						
70	700mm	By Request					
75	750mm						
80	800mm	By Request					
90	900mm						
100	1000mm	By Request					

*Standard

GB Welded

W=100-600 mm   1,5 mm

\>600 mm   2,0 mm

Fittings

Rung Distance

150   300   150

W

90° Flat Bend
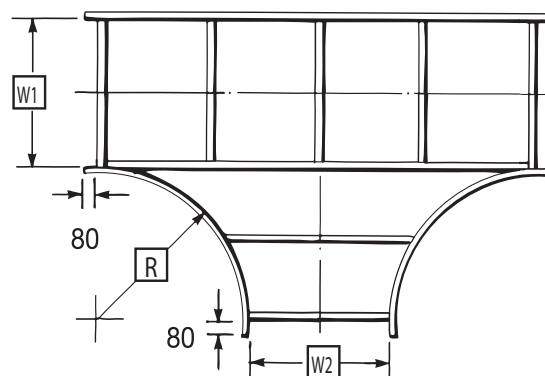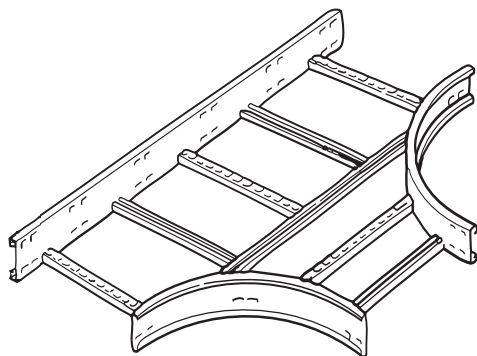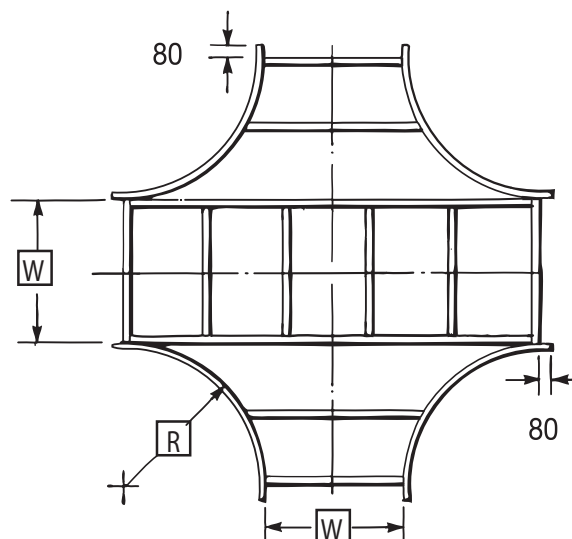

80

80

R

W

45° Flat Bend

80

80

R

W

Please use codes on page 77 for [W], [R} and [D]

Cable Ladder Fittings

Equal Tee

W1

80

R

80

W2

Equal Cross

80

W

R

80

W

90° Outside Riser

W

R

Please use codes on page 77 for [W], [R} and [D]

Fittings

45° Outside Riser
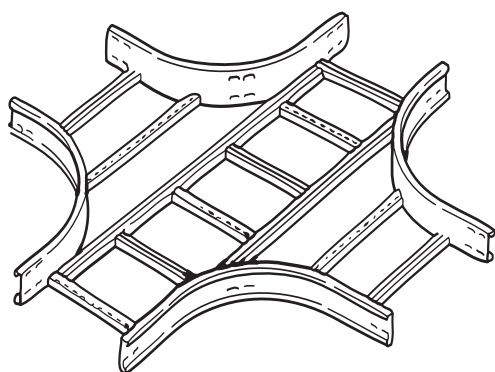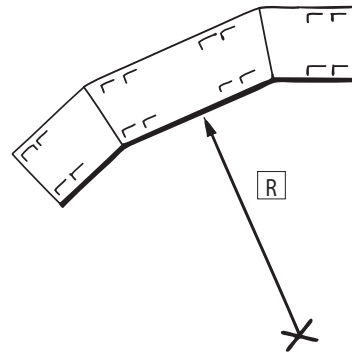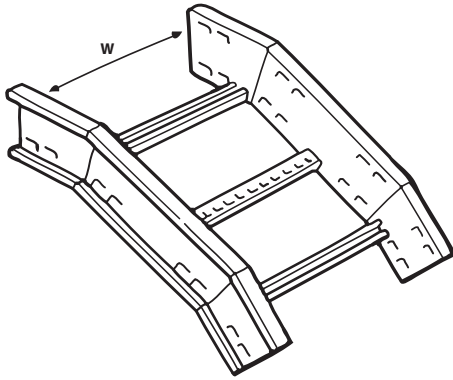
90° Inside Riser
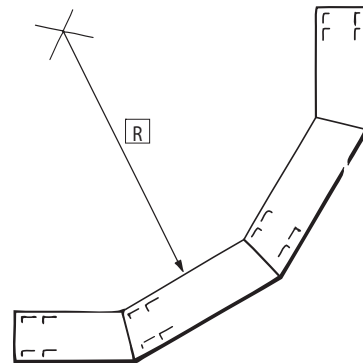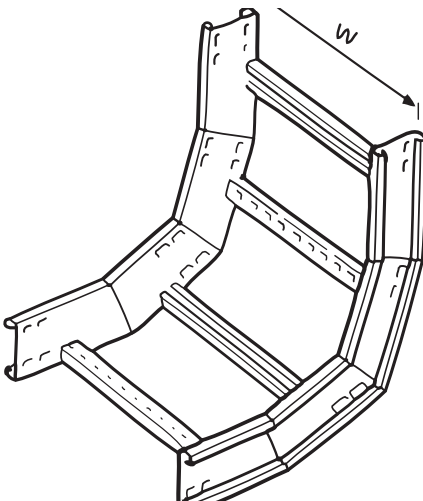
45° Inside Riser
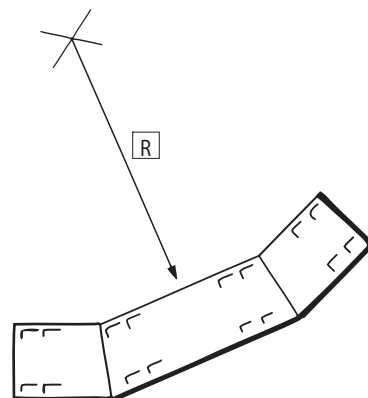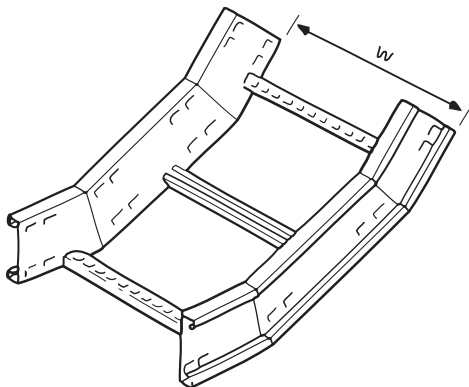
Please use codes on page 77 for [W], [R} and [D]

U11 Cable Ladder

Atkore Unistrut's Lightweight PG Cable Ladder

U11 Pre-Galvansised Ladder

U11 Cable Ladder

The Atkore Unistrut U11 Pre-Galvanised ladder has a 110mm high side wall with an S-shape profile.

The range is completed with a full range of accessories including bends, tees, crosses and risers.

- Standard finish: Pre-Galvanised Steel
- Length: 3000mm
- Rung distance: 250mm
- Sidewall height: 110mm

| Size (W) | U11 Ladder Straights | |
mm	PG	Weight (kg)
200	U11L3200	11.097
300	U11L3300	11.811
400	U11L3400	12.522
450	U11L3450	12.912
500	U11L3500	13.236
600	U11L3600	13.950
750	U11L3750	15.072
900	U11L3900	16.152

Atkore™
Unistrut

U11 Cable Ladder Systems

U11FB – 90° Flat Bend

Size (W)	U11 Flat Bend – 90°	
mm	PG	Weight (kg)
200	U11FB20/90/30	2.826
300	U11FB30/90/30	3.384
400	U11FB40/90/30	3.94
450	U11FB45/90/30	4.219
500	U11FB50/90/30	4.498
600	U11FB60/90/30	5.055
750	U11FB75/90/30	5.891
900	U11FB90/90/30	6.727

U11 45° Flat Bends are available upon request

U11X – Cross Over

Size (W)	U11 Cross Over	
mm	PG	Weight (kg)
200	U11EC20/20/30	4.796
300	U11EC30/30/30	5.985
400	U11EC40/40/30	6.439
450	U11EC45/45/30	6.666
500	U11EC50/50/30	6.893
600	U11EC60/60/30	7.346
750	U11EC75/75/30	8.446
900	U11EC90/90/30	9.546

U11IR – Inside Riser

Size (W)	U11 Inside Riser	
mm	PG	Weight (kg)
200	U11IR20/90/30	2.755
300	U11IR30/90/30	2.956
400	U11IR40/90/30	3.158
450	U11IR45/90/30	3.259
500	U11IR50/90/30	3.36
600	U11IR60/90/30	3.561
750	U11IR75/90/30	3.863
900	U11IR90/90/30	4.165

U11 45° Inside Risers are available upon request

U11OR – Outside Riser

Size (W)	U11 Outside Riser	
mm	PG	Weight (kg)
200	U11OR20/90/30	2.755
300	U11OR30/90/30	2.956
400	U11OR40/90/30	3.158
450	U11OR45/90/30	3.259
500	U11OR50/90/30	3.36
600	U11OR60/90/30	3.561
750	U11OR75/90/30	3.863
900	U11OR90/90/30	4.165

Cable Ladder

U11 Cable Ladder

U11ET – Tee

Size (W)	U11 Tee	
mm	PG	Weight (kg)
200	U11ET20/20/30	4.131
300	U11ET30/30/30	4.806
400	U11ET40/40/30	5.29
450	U11ET45/45/30	5.533
500	U11ET50/50/30	5.775
600	U11ET60/60/30	6.26
750	U11ET75/75/30	6.987
900	U11ET90/90/30	7.714

U11/SP – Straight Coupler

Size (W)	U11 Straight Coupler *Pair*	
mm	PG	Weight (kg)
89 x 13	U11/SP/PG	0.5

U11/VSP – Verticle Coupler

Size (W)	U11 Verticle Coupler *Pair*	
mm	PG	Weight (kg)
88 x 12	U11/VSP/PG	0.38

U11/RED – Reducing Plate

Size (W)	U11 Reducing Plate	
mm	PG	Weight (kg)
89 x 13	U11/RED/PG	0.74

U11/HSP – Horizontal Coupler

Size (W)	U11 Horizontal Coupler *Pair*	
mm	PG	Weight (kg)
90 x 10	U11/HSP/PG	0.157

Cable Ladder

Pipe Clips

Standard and Insulated Pipe Clips by Atkore Unistrut

PIPE CLIPS CONTENTS

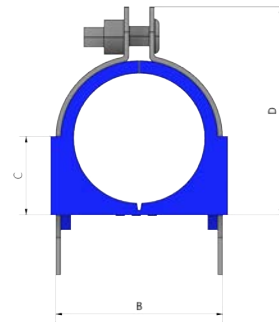| Contents	Page Number
C–Clamps	112
Standard Range	114
Pipe Weights	118

C-CLAMPS

C-Clamps by Atkore Unistrut

Atkore Unistrut C-Clamps offer cushioned pipe support. The Unistrut branded C-Clamps are made from high quality steel and can be used in conjunction with Unistrut Channel.

Key Features:

Atkore Unistrut's C-Clamps Channel mounted clamping systems are ideal for multiple line runs, while absorbing shock and vibration, reducing unwanted noise and preventing galvanic corrosion.

- C-Clamps fit any standard 41mm wide channel profile
- Wide temperature operation -45C to >+135C
- Stud securely fastened to one clamp half
- Nylon insert nut assures a positive lock and plain nut also supplied if required
- Polymer insert ensures a positive grip
- Available in Zinc Dichromate and Stainless Steel
- Assembly consisting of steel clamp with locknut or Flange
- Nut & thermoplastic elastomer cushion
- All parts are marked for easy identification and individually packaged
- Our cushion is made from a thermoplastic elastomer, its built tough to withstand the effects of most oils, chemicals & industrial cleaning compounds, in temperatures from -50°F to +275°F (-45°C to +135°C)

Scan the QR code below for more information.

Pipe Clips

C-CLAMPS

| Tube Series | | | | Pipe Series | | | | | | | |
Assembly Steel ZD Part Nr	Assembly Stainless Steel 304 Part Nr	Copper and Steel Tube O.D Size	Copper Water Pipe (Nom)	Assembly Steel ZD Part Nr	Assembly Stainless Steel 304 Part Nr	Nominal Pipe Size	Dim 'A' (Ø) (mm)	Dim 'B' (mm)	Dim 'C' (mm)	Dim 'D' (mm)	Wt/100 Kg
014T0000	014T00SS	1/4"					6	15.7	6.4	24.9	4.5
038T014C	038T00SS	3/8"	1/4"				10	20.8	8.1	28.7	5
012T038C	012T00SS	1/2"					13	23.9	9.8	34	5.9
				0000014P	014P00SS	1/4"	14	24.9	11.3	34.1	5.9
058T012C	058T00SS	5/8"	1/2"				16	26.9	12.2	39.1	6.4
				0000038P	038P00SS	3/8"	17	28.7	12.8	39.1	6.4
034T058C	034T00SS	3/4"	5/8"				19	30.5	13.4	29.3	6.4
	k			0000012P		1/2"	21	32.6	15.3	46.2	6.8
078T034C	078T00SS	7/8"	3/4"				22	33.3	15.1	46.2	6.8
100T0000	100T00SS	1"					25	36.6	17	49.5	7.7
				0000034P	034P00SS	3/4"	27	39.9	18.3	52.8	7.7
118T100C	118T10SS	1-1/8"	1"				28	39.9	18.3	52.8	8.2
114T0000	114T00SS	1-1/4"					32	43.2	20.1	56.1	8.2
				0000100P	100P00SS	1"	33	44.7	21.1	59.4	8.6
138T114C	138T00SS	1-3/8"	1-1/4"				35	46.2	21.2	59.4	9.1
112T0000	112T00SS	1-1/2"					38	49.5	23.5	62.7	15
158T112C	158T00SS	1-5/8"	1-1/2"				41	52.6	24.9	66	15.9
				0000114P	114P00SS	1-14"	42	55.1	25.8	69.3	15.9
134T0000	134T00SS	1-3/4"					44	55.9	26.6	69.3	16.8
178T112P	178T00SS	1-7/8"		178T112P	178T00SS	1-1/2"	48	58.9	28.3	72.6	17.7
200T0000	200T00SS	2"					51	62.2	29.5	77.2	20.9
218T200C	218T00SS	2-1/8"	2"				54	65.3	32.4	82	21.3
214T0000	214T00SS	2-1/4"					60	71.6	36.1	93.3	22.2
238T200P	238T00SS	2-3/8"		238T200P	238T00SS	2"	60	71.6	36.1	93.3	22.2
212T0000	212T00SS	2-1/2"					64	74.7	37.2	96.3	23.1
258T212C	258T00SS	2-5/8"	2-1/2"				67	78	39.1	99.6	24.9
278T212P	278T00SS	2-7/8"		278T212P	278T00SS	2-1/2"	73	84.3	42.5	105.9	25.9
300T0000	300T00SS	3"					76	90.7	45.4	112.3	27.2
318T300C	318T00SS	3-1/8"	3"				79	90.7	45.5	112.3	27.2
356T0000	356T00SS	3-5/16"					84	100.6	47.6	120.7	28.1
312T300P	312T00SS	3-1/2"		312T300P	312T00SS	3"	89	100.3	51	121.7	24.9
358T312C	358T00SS	3-5/8"	3-1/2"				92	106.7	51.8	129.7	31.8
400T312P	400T00SS	4"		400T312P	400T00SS	3-1/2"	102	113	58.2	129.8	39.9
418T400C	418T00SS	4-1/8"	4"				105	116.1	59.8	140.7	42.6
456T0000	456T00SS	4-5/16"					110	126	61.4	148.3	45.4
412T400P	456T00SS	4-1/2"		412T400P	456T00SS	4"	114	125.7	65.2	150.4	49.9
518T500C	518T50SS	5-1/8"	5				130	141.5	73.7	166.1	56.7
				0000500P	500T00SS	5"	141	152.6	78.1	175.8	59
600T0000	600T00SS	6"					152	166.9	85.3	191.5	59
618T600C	618T00SS	6-1/8"	6				155	166.9	85.1	191.5	60
				0000600P	600P00SS	6"	168	179.6	91.6	117.3	59

Pipe Clips

Atkore Unistrut Pipe Clips

Sprinkler Hangers

Part No.	Finish		D	G	W x T	H1	H2	/100		Approval*	
	PG	SS	"	ømm	mm	mm	mm	⚖	📦		
FIL00212	·	·	1/2"	11	25 x 1.2	35	20	5.0	50		
FIL00272	·	·	3/4"	11	25 x 1.2	35	20	5.0	50	FM	LPCB
FIL00342	·	·	1"	11	25 x 1.2	43	26	5.0	50	FM	LPCB
FIL00422	·	·	1 1/4"	11	25 x 1.2	50	30	5.0	50	FM	LPCB
FIL00482	·	·	1 1/2"	11	25 x 1.2	60	35	6.0	50	FM	LPCB
FIL00602	·	·	2"	11	25 x 1.2	60	30	7.0	50	FM	LPCB
FIL00762	·	·	2 1/2"	11	25 x 1.6	81	33	10.0	25	FM	LPCB
FIL00892	·	·	3"	11	25 x 1.6	85	40	11.0	25	FM	LPCB
FIL01142	·	·	4"	11	32 x 1.6	113	56	20.0	25	FM	LPCB
FIL01682	·	·	6"	13	32 x 2.5	145	60	40.0	20	FM	LPCB
FIL02192	·	·	8"	18	40 x 3.0	200	90	75.0	10	FM	LPCB
FIL02732	·	·	10"	22	50 x 3.0	250	130	115.0	5		

*Approval only applicable for finish

FILBOW PG

LPCB
LOSS PREVENTION
CERTIFICATION BOARD

FM

M1108 – M1155 PG SS
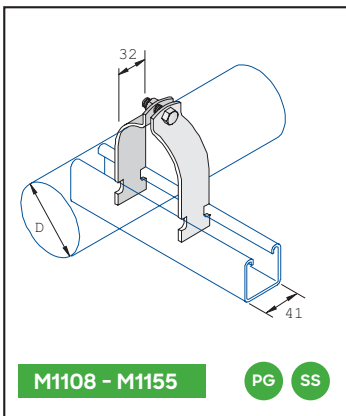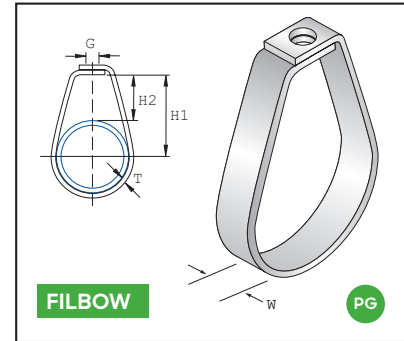
Part No.	Finish		D	⚖	📦
	PG	SS	mm		
M1108	·	·	8.7 – 10.3	35	20
M1109	·	·	10.3 – 12.7	37	20
M1110	·	·	11.9 – 13.5	38	20
M1111	·	·	13.5 – 14.3	39	20
M1112	·	·	14.3 – 16.7	40	20
M1113	·	·	15.9 – 18.3	41	20
M1114	·	·	18.3 – 20.6	45	20
M1115	·	·	19.0 – 21.4	47	20
M1116	·	·	21.4 – 25.4	49	20
M1117	·	·	25.4 – 27.8	53	20
M1118	·	·	27.0 – 30.2	64	20
M1119	·	·	30.2 – 33.8	72	20
M1120	·	·	31.8 – 35.9	72	20
M1121	·	·	34.9 – 39.7	79	20
M1122	·	·	39.7 – 42.9	84	20
M1123	·	·	42.9 – 46.8	90	20
M1124	·	·	46.8 – 50.8	128	20
M1125	·	·	48.4 – 52.4	131	20
M1126	·	·	52.4 – 58.7	137	20
M1127	·	·	58.7 – 63.5	150	20
M1128	·	·	63.5 – 68.3	160	20
M1129	·	·	68.3 – 73.0	164	20
M1130	·	·	73.0 – 79.4	171	20
M1131	·	·	76.2 – 82.6	175	20

Part No.	Finish		D	⚖	📦
	PG	SS	mm		
M1132	·	·	82.6 – 88.1	35	20
M1133	·	·	88.1 – 95.2	37	20
M1134	·	·	95.2 – 100.0	38	20
M1135	·	·	100.0 – 106.4	39	20
M1136	·	·	106.4 – 111.1	40	20
M1137	·	·	111.1 – 120.7	41	10
M1138	·	·	120.7 – 129.4	45	10
M1139	·	·	129.4 – 138.1	47	10
M1140	·	·	138.1 – 149.2	49	10
M1141	·	·	149.2 – 161.9	53	10
M1142	·	·	161.9 – 174.6	64	10
M1143	·	·	174.6 – 182.6	72	10
M1144	·	·	182.6 – 190.5	72	10
M1145	·	·	190.5 – 203.2	79	10
M1146	·	·	203.2 – 212.7	84	10
M1147	·	·	212.7 – 225.4	90	10
M1148	·	·	225.4 – 238.1	128	10
M1149	·	·	238.1 – 250.8	131	10
M1150	·	·	250.8 – 263.5	137	10
M1151	·	·	263.5 – 276.2	150	10
M1152	·	·	275.2 – 288.9	160	10
M1153	·	·	288.9 – 301.6	164	10
M1154	·	·	301.6 – 314.3	171	10
M1155	·	·	314.3 – 327.0	175	10

Pipe Clips

Pipe Clips

SS2A - SS2N HG SS
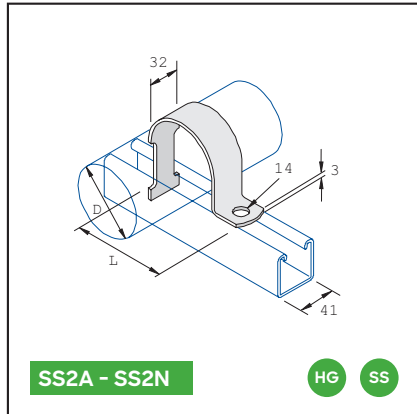
Part No.	Finish		D		L	W	
	HG	SS	"	NB/DN	mm		
SS2/A	·	·	15	21	66	0.06	75
SS2/B	·	·	20	27	73	0.07	75
SS2/C	·	·	25	34	81	0.09	75
SS2/D	·	·	32	43	90	0.10	50
SS2/E	·	·	40	48	96	0.12	75
SS2/F	·	·	50	60	96	0.14	40
SS2/G	·	·	65	76	113	0.17	25
SS2/H	·	·	80	90	125	0.20	25
SS2/J	·	·	90	102	137	0.22	10
SS2/K	·	·	100	115	150	0.25	10
SS2/L	·	·	125	140	175	0.30	10
SS2/M	·	·	150	168	204	0.36	10
SS2/N	·	·	200	220	255	0.46	10

P2600 UNI - CUSHION
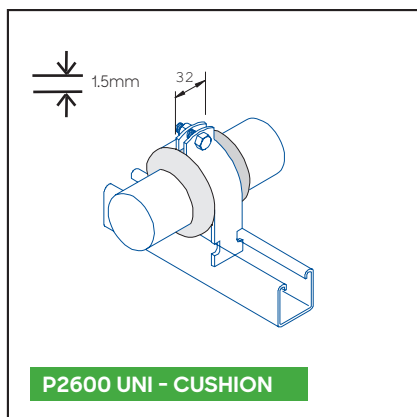
Part No.	Size mm	T mm	L m	W kg
P2600	32	1.5	8	1.02

EPDM/SBR
SHORE A = 45˚ ± 5˚

+ 110˚ C

- 50˚ C
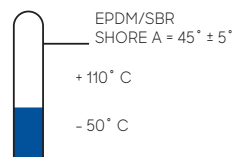
EPDM insulation for M11 and SS2 series clamps

Pipe Clips

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Pipe Clips

Atkore Unistrut Pipe Clips

Base Plates with Thread Connector

Part No.	Finish ZP	G	H mm	⚖ w	📦
146 00 81	·	M8	11	0.06	100
146 01 01	·	M10	11	0.06	100
146 01 21	·	M12	13	0.06	100
146 01 08	·	M8/M10	17	0.06	100
146 02 21	·	1/2"	18	0.07	50
146 02 81	·	3/4"	20	0.09	50

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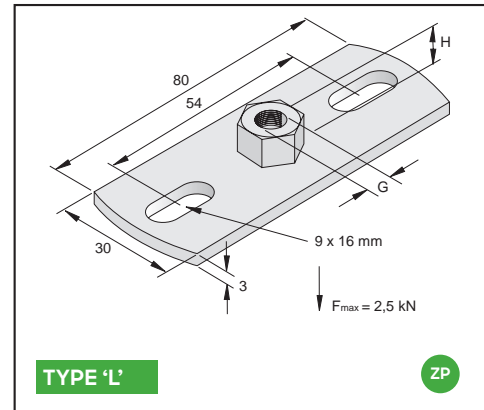
Industrial Pipe Clamps

HG Part No.	SS Part No.	D "	D NB/DN	W x T mm	S mm	L mm	L1 mm
PS0153	PS0154	1/2"	15	40x3	11	108	68
PS0203	PS0204	3/4"	20	40X3	11	113	73
PS0253	PS0254	1"	25	40X3	11	120	80
PS0323	PS0324	1 1/4"	32	40X3	11	128	88
PS0403	PS0404	1 1/2"	40	40X3	11	134	94
PS0503	PS0504	2"	50	40X4	11	148	108
PS0653	PS0654	2 1/2"	65	40X4	11	164	124
PS0803	PS0804	3"	80	40X4	11	177	137
PS1003	PS1004	4"	100	40X4	14	202	162
PS1253	PS1254	5"	125	40X6	14	231	191
PS1503	PS1504	6"	150	40X6	14	260	220
PS2003	PS2004	8"	200	40X6	14	301	261
PS2503	PS2504	10"	250	50X6	18	385	335
PS3003	PS3004	12"	300	50X6	18	435	385

PS   HG   SS
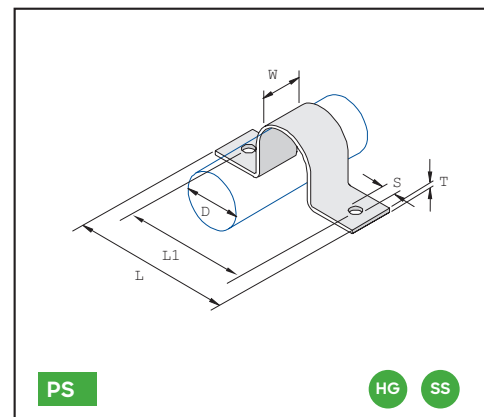
Pipe Clips

U-Bolts

Part No.	Finish ZP	G	DN	"	D mm	H3 mm	H mm	L mm	📦
170002102	·	M6	15	1/2"	21.3	20	37	29	100
170002112	·	M8	15	1/2"	21.3	20	37	31	100
170002702	·	M6	20	3/4"	26.9	25	48	34	100
170002712	·	M8	20	3/4"	26.9	36	64	36	100
170003402	·	M6	25	1"	33.7	32	60	41	100
170003412	·	M8	25	1"	33.7	30	44	41	100
170003422	·	M10	25	1"	33.7	30	52	46	100
170004212	·	M8	32	1 1/4"	42.4	35	67	52	100
170004222	·	M10	32	1 1/4"	42.4	35	67	54	100
170004812	·	M8	40	1 1/2"	48.3	40	78	57	100
170004822	·	M10	40	1 1/2"	48.3	40	78	59	100
170006012	·	M8	50	2"	60.3	35	90	71	100
170006022	·	M10	50	2"	60.3	40	90	73	100
170006032	·	M12	50	2"	60.3	35	90	75	100
170007622	·	M10	65	2 1/2"	76.1	40	103	89	100
170007632	·	M12	65	2 1/2"	76.1	35	105	91	100
170008922	·	M10	80	3"	88.9	50	115	100	50
170008932	·	M12	80	3"	88.9	38	115	102	50
170011422	·	M10	100	4"	114.3	50	146	124	50
170011432	·	M12	100	4"	114.3	50	144	126	50
170011442	·	M16	100	4"	114.3	38	140	130	50
170013932	·	M12	125	5"	139.7	60	173	156	25
170013942	·	M16	125	5"	139.7	38	170	160	25
170016832	·	M12	150	6"	168.3	60	198	182	25
170016842	·	M16	150	6"	168.3	38	191	186	25
170021932	·	M12	200	8"	219.1	60	255	236	25
170021942	·	M16	200	8"	219.1	38	255	240	25
170027332	·	M12	250	10"	273.0	38	313	290	1
170027342	·	M16	250	10"	273.0	38	313	294	1
170027352	·	M20	250	10"	273.0	38	313	298	1
170032432	·	M12	300	12"	323.9	38	364	341	1
170032442	·	M16	300	12"	323.9	38	364	345	1
170032452	·	M20	300	12"	323.9	38	364	349	1

P170 ZP
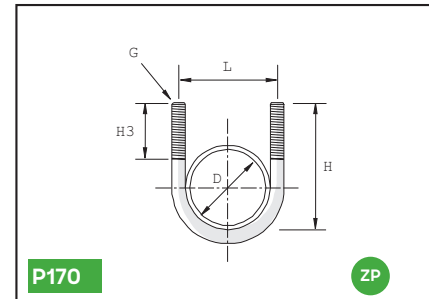
Part No.	Finish ZP	G	DN	"	D mm	H3 mm	H mm	L mm	📦
171002102	·	M6	15	1/2"	21.3	70	97	29	100
171002112	·	M8	15	1/2"	21.3	70	97	31	100
171002702	·	M6	20	3/4"	26.9	70	109	34	100
171002712	·	M8	20	3/4	26.9	70	109	36	100
171003402	·	M6	25	1"	33.7	70	111	41	100
171003412	·	M8	25	1"	33.7	70	111	44	100
171003422	·	M10	25	1"	33.7	70	111	46	100
171004212	·	M8	32	1 1/4"	42.4	90	122	52	100
171004222	·	M10	32	1 1/4"	42.4	90	122	54	100
171004812	·	M8	40	1 1/2"	48.3	90	127	57	100
171004822	·	M10	40	1 1/2"	48.3	90	127	59	100
171006012	·	M8	50	2"	60.3	90	140	71	100
171006022	·	M10	50	2"	60.3	90	140	73	100
171007622	·	M10	65	2 1/2"	76.1	90	152	89	100
171008922	·	M10	80	3"	88.9	90	168	100	50
171008932	·	M12	80	3"	88.9	90	168	102	50
171011422	·	M10	100	4"	114.3	90	193	124	50
171011432	·	M12	100	4"	114.3	90	193	126	50
171013932	·	M12	125	5"	139.7	90	213	156	25
171016832	·	M12	150	6"	168.3	90	240	182	25
171016842	·	M16	150	6"	168.3	90	240	186	25
171021932	·	M12	200	8"	219.1	90	313	236	25
171021942	·	M16	200	8"	219.1	90	313	240	25
171027332	·	M12	250	10"	273.0	100	363	290	1
171027342	·	M16	250	10"	273.0	100	363	294	1
171032432	·	M12	300	12"	323.9	100	413	341	1
171032442	·	M16	300	12"	323.9	100	413	345	1
171032452	·	M20	300	12"	323.9	100	413	349	1
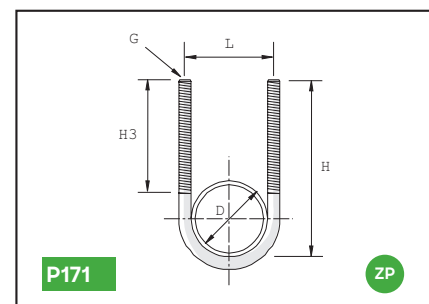
P171 ZP

Pipe Clips

Atkore Unistrut Pipe Clips

Pipes according DIN 2440

Size DN	"	ø Outside (mm)	thickness (mm)	weight (Kg/m)	plus water (Kg/m)	plus isol. (Kg/m)	max span (m)
10	3/8"	17.2	2.35	0.89	1.01	1.3	1.35
15	1/2"	21.3"	2.65	1.27	1.47	1.8	1.50
20	3/4"	26.9	2.65	1.65	2.02	2.4	1.80
25	1"	33.7	3.25	2.55	3.13	3.9	2.10
32	1 1/4"	42.4	3.25	3.28	4.30	5.7	2.40
40	1 1/2"	48.3	3.25	3.77	5.15	6.6	2.60
50	2"	60.3	3.65	5.33	7.55	9.9	3.00
65	2 1/2"	76.1	3.65	6.80	10.52	15.0	3.20
80	3"	88.9	4.05	8.85	13.98	19.9	3.50
100	4"	114.3	4.50	12.60	21.30	30.9	4.20
125	5"	139.7	4.85	16.90	30.17	40.6	40.6
150	6"	165.1	4.85	20.10	39.06	50.4	5.30

Steel pipes according to DIN 2448

Size DN	"	ø Outside (mm)	thickness (mm)	weight (Kg/m)	plus water (Kg/m)	plus isol. (Kg/m)	max span (m)
10	3/8"	17.2	1.80	0.69	0.93	1.5	1.40
15	1/2"	21.3	2.00	0.96	1.20	2.5	1.60
20	3/4"	26.9	2.30	1.41	1.80	3.2	1.85
25	1"	33.7	2.60	2.01	2.65	4.3	2.15
32	1 1/4"	42.4	2.60	2.70	3.91	5.5	2.50
40	1 1/2"	48.3	2.60	2.95	4.41	6.0	2.60
46		51.0	2.60	3.12	4.77	6.5	2.70
50		57.0	2.90	3.90	5.96	7.6	2.80
50	2"	60.3	2.90	4.14	6.47	9.0	3.00
57		63.5	2.90	4.36	6.97	9.5	3.00
65	2 1/2"	76.1	2.90	5.28	9.16	13.9	3.50
76		82.5	3.20	6.31	10.86	15.2	3.65
80	3"	88.9	3.20	6.81	12.15	18.4	3.80
94		101.6	3.60	8.76	15.76	24.8	4.00
100		108.0	3.60	9.33	17.31	27.5	4.10
100	4"	114.3	3.60	9.90	18.90	28.8	4.20
		127.0	4.00	12.20	23.32	35.1	4.35
125		133.0	4.00	12.80	25.07	36.5	4.40
125	5"	139.7	4.00	13.50	27.12	38.2	4.50
		152.4	4.50	16.40	32.54	46.5	4.75
150		159.0	4.50	17.10	34.76	48.9	4.80
150	6"	168.3	4.50	18.10	50.6	36.93	4.90
		177.8	5.00	21.30	43.40	58.9	5.00
		193.7	5.40	25.00	51.26	66.5	5.20
200	8"	219.1	5.90	31.00	64.73	79.5	5.50
		267.0	6.30	40.60	91.40	108.5	5.90
250	10"	273.0	6.30	41.60	95.40	111.7	5.90
		298.5	7.10	51.10	116.60	137.5	6.20
		318.0	7.10	57.40	129.50	150.0	6.40
300	12"	323.9	7.10	55.60	130.85	150.0	6.40
400	16"	406.4	8.80	85.90	204.40	227.7	7.10
500	20"	508.0	11.00	135.00	320.50	345.5	8.00

Drainpipes according to DIN 19500

DN	ø Outside (mm)	thickness (mm)	weight (Kg/m)	plus water (Kg/m)	plus isol. (Kg/m)	max span (m)
50	60.0	3.50	5.30	7.50		0.60
70	80.0	3.50	7.10	11.28		0.80
100	112.0	4.00	10.30	18.79		1.15
125	137.0	4.00	13.70	26.76		1.35
150	162.0	5.00	17.30	35.43		1.60
200	212.0	6.00	32.70	64.10		2.00

Ductile pipes (SMLML)

DN	ø Outside (mm)	thickness (mm)	weight (Kg/m)	plus water (Kg/m)
40	48.0	3.5	3.00	4.40
50	58.0	3.5	4.30	6.40
70	78.0	3.5	5.90	9.90
100	110.0	3.5	8.40	17.70
125	135.0	4.0	11.80	24.50
150	160.0	4.0	14.10	32.30
200	210.0	5.0	23.10	54.60
250	274.0	5.5	33.30	87.70
300	326.0	6.0	43.20	120.80
400	429.0	8.1	75.50	208.80
500	532.0	9.0	104.30	311.80
600	635.0	9.9	137.10	434.20

+/- 1.5 meter (Based upon manufacturers data)

Drainpipes... PE (Geberit)

DN	ø Outside (mm)	thickness (mm)	weight (Kg/m)	plus water (Kg/m)	plus isol. (Kg/m)	max span (m)
26	32.0	3.0	0.27	0.80		0.32
34	40.0	3.0	0.34	1.25		0.40
40	50.0	3.0	0.44	1.96		0.50
50	56.0	3.0	0.50	2.46		0.56
60	63.0	3.0	0.56	3.11		0.63
70	75.0	3.0	0.67	4.41		0.75
80	90.0	3.5	0.95	6.36		0.90
100	110.0	4.3	1.43	9.50		1.10
125	125.0	4.9	1.81	12.27		1.25
150	160.0	6.2	3.00	20.10		1.60
200	200.0	6.2	3.83	31.45		2.00
250	250.0	7.8	6.01	49.15		2.50
315	315.0	9.8	9.65	78.20		

Drainpipes, PVC, hard

DN	ø Outside (mm)	thickness (mm)	weight (Kg/m)	plus water (Kg/m)	plus isol. (Kg/m)	max span (m)
50	50.0	1.8	0.24	1.28		0.50
60	63.0	1.9	0.30	1.99		0.60
70	75.0	1.9	0.49	3.93		0.75
100	110.0	2.7	1.02	8.00		1.10
125	125.0	3.1	1.35	12.43		1.25
150	160.0	3.9	2.15	18.03		1.60

Copper pipes DIN 1786 and 1754

DN	ø Outside (mm)	thickness (mm)	weight (Kg/m)	plus water (Kg/m)	plus isol. (Kg/m)	max span (m)
10	10.0	1.0	0.25	0.30	0.4	max 0.5m
12	12.0	1.0	0.30	0.38	0.5	max 0.5m
15	15.0	1.0	0.39	0.52	0.8	max 1.0m
18	18.0	1.0	0.47	0.67	1.0	max 1.0m
22	22.0	1.0	0.58	0.90	1.3	max 1.5m
28	28.0	1.5	1.11	1.60	2.4	max 1.5m
35	35.0	1.5	1.42	2.21	3.1	max 1.5m
42	42.0	1.5	1.70	2.89	4.4	max 1.5m
54	54.0	2.0	2.91	4.87	7.3	max 1.5m
64	64.0	2.0	3.47	6.29	9.8	max 2.0m
70	70.0	2.0	3.80	7.21	12.9	max 2.0m
74	74.0	2.0	4.03	7.87	13.5	max 2.0m
80	80.0	2.0	4.36	8.89	14.7	max 2.0m
104	104.0	2.0	5.70	13.55	25.5	max 3.0m
125	125.0	3.0	10.20	21.31	33.5	max 3.0m
131	131.0	3.0	10.70	22.96	35.0	max 2.0m

Ventilation ducts

Size			weight per meter by thickness				
DN	mm	mm	0.4mm	0.6mm	0.8mm	1.0mm	1.2mm
80	80	0.4	0.9	1.35			
100	100	0.6	1.1	1.69	2.25		
112	112	0.6	1.2	1.89	2.52		
125	125	0.6	1.4	2.11	2.81		
140	1.40	0.6	1.5	2.36	3.15		
150	150	0.6		2.53	3.38		
160	160	0.6		2.70	3.60		
180	180	0.6		3.07	4.05		
200	200	0.6		3.38	4.50	5.63	
224	224	0.6		3.78	5.04	6.30	
250	250	0.6		4.22	5.63	7.03	
280	280	0.6		4.73	6.30	7.88	
300	300	0.6		5.06	6.75	8.44	
315	315	0.6		5.32	7.09	8.86	
355	355	0.8		5.99	7.99	10.00	
400	400	0.8		6.75	9.00	11.30	13.77
450	450	0.8			10.13	12.70	15.49
500	500	0.8			11.25	14.10	17.21
560	560	1.0			12.60	12.80	19.28
600	600	1.0			13.50	16.80	20.65
630	630	1.0			14.18	17.70	21.69
710	710	1.0			15.98	20.00	24.44
800	800	1.0				22.50	27.54
900	900	1.0				25.30	30.98
1000	1000	1.2				28.10	34.42

DIN24145

Pipe Clips

Notes

0.5cm x 0.5cm
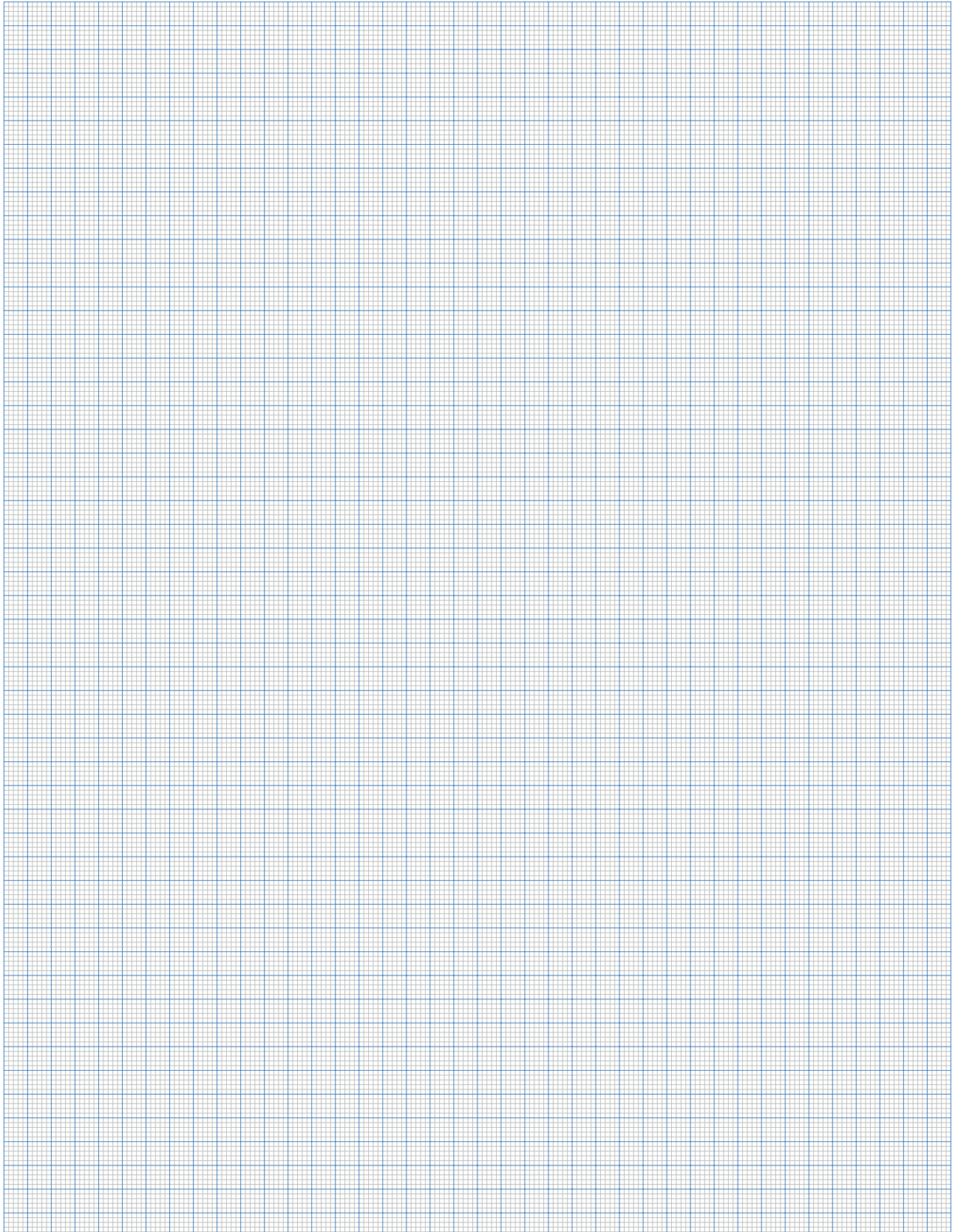
Pipe Clips

Steel Cable Trunking Systems

About Us

Atkore Unistrut's Flytec Range

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Surface Trunking	126
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Flytec Trunking

Over 90 years of experience

With a committed team, years of experience, in-depth knowledge and a full understanding of cable trunking manufacturing, Atkore Unistrut & Marco is one of the industry leaders and the business is constantly looking at ways to improve products and services.

Atkore Unistrut & Marco research the latest technologies and its advances in the industry, in order to bring added value to the customers by investing in the best equipment to ensure the business provide the best products available.

By listening to customers' needs, we strive to provide high quality products and services that meet and exceed expectations.

"Our mission is to be the customer's first choice by providing unmatched quality, delivery and value based on sustainable excellence in strategy, people and processes."

Personal Service

Atkore Unistrut & Marco are delighted to bring the benefits of many years experience in the industry and offer a total solution to on-site requirements.

Custom Made Solutions

Sharing experience, knowledge, and expertise. The business continues to make investments in people, products, and services. This contributes towards Atkore Unistrut & Marco's success in a wide range of industry sectors.

Leading the way in Cable Tru

About Us
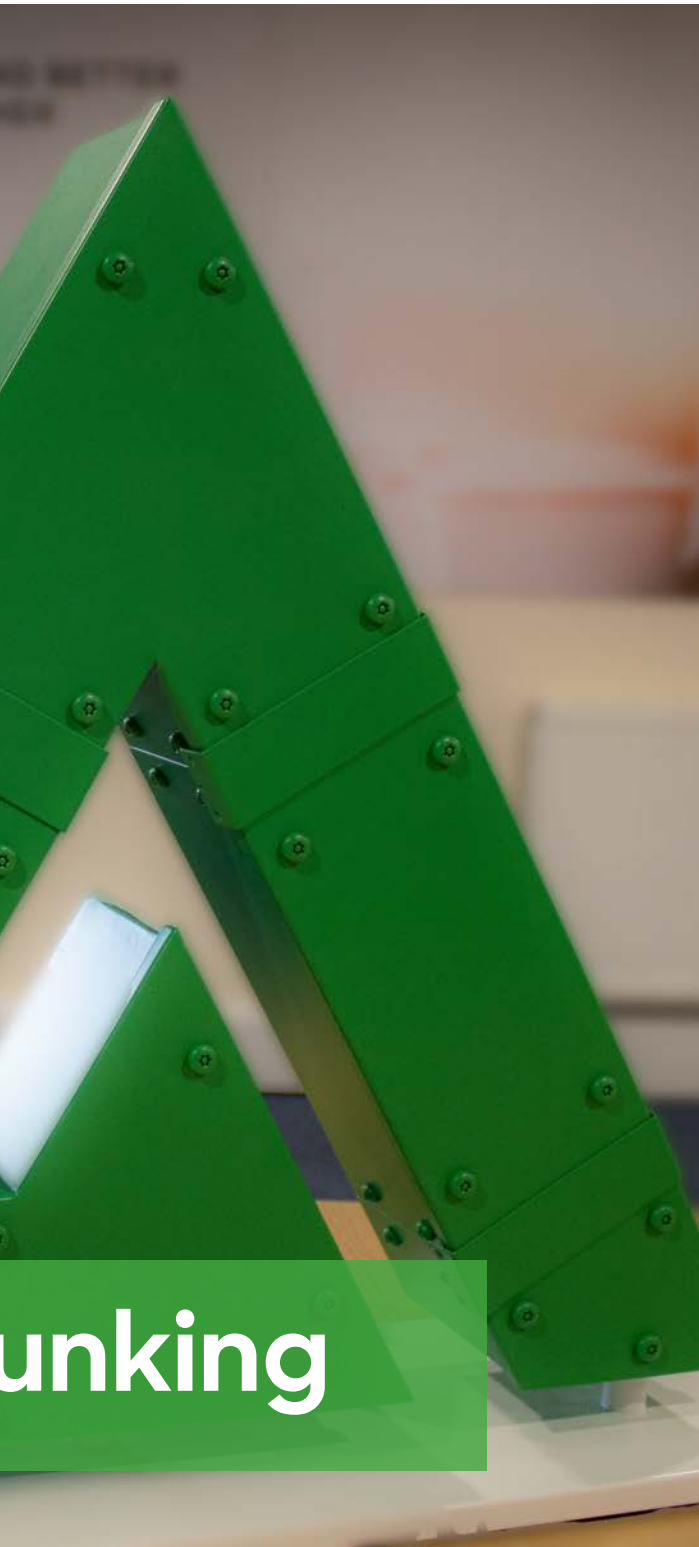
Quality Systems

Atkore Unistrut offer quality Galvanised and painted products to suit your project requirements. Taking the business to the areas of expertise ensures that the business continues to bring high levels of customer service and quality products.

Environmental Policy

Working closely with regulators and environmental groups, we are committed to protecting the environment as responsible citizens. To achieve these aims we will:

- Comply with environmental laws and regulations
- Work continuously to improve the effectiveness of our environmental management
- Provide appropriate environmental training for all employees
- Seek to reduce the amount of waste at our facilities
- Re-use and recycle wherever possible
- Monitor our environmental performance to ensure we meet the standards set by ourselves
- Communicate and reinforce this policy throughout the company

British Standards

The Flytec range conforms to the following British Standards:

- BS EN 50085-1
- BS EN 50085-2
- BS EN 10142
- BS EN 10143

Building Better Together

Together, Atkore Unistrut & Marco offer a 'one-stop-shop' for all your metal framing and cable management needs. From Steel Surface Trunking, to Underfloor and Service Boxes. The Flytec range is the perfect choice for your next cable containment project.

Flytec Trunking

Bespoke Products
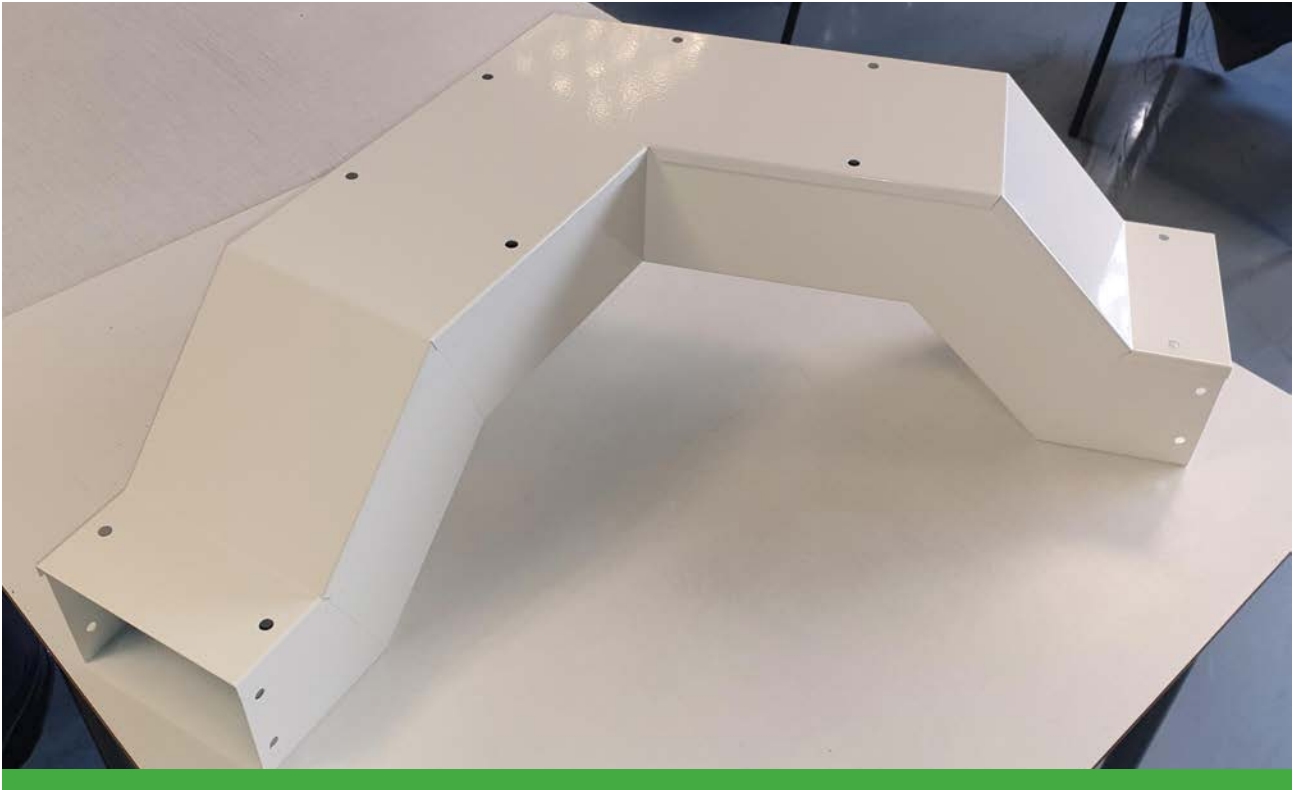
Site survey, Measure & Design Service

Atkore Unistrut & Marco offers a tailor-made solution, prepared according to your specific needs and requirements. By listening to the customers' needs, the business strives to provide high quality products and services that meet and exceed expectations.

Working in partnership with the customers, the aim is to achieve total customer satisfaction.

All of Atkore Unistrut & Marco Technical Sales Managers work closely with contractors and distributors to assist in design and offering on site measurement services and advice. This flexible approach to manufacturing differentiates us from the market.
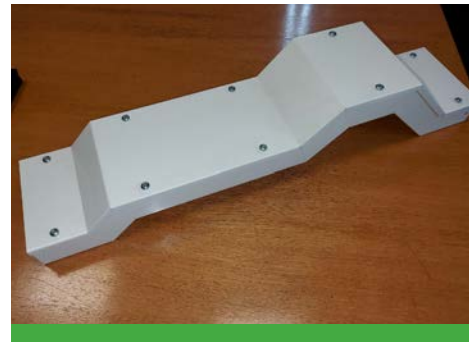
Bespoke Products
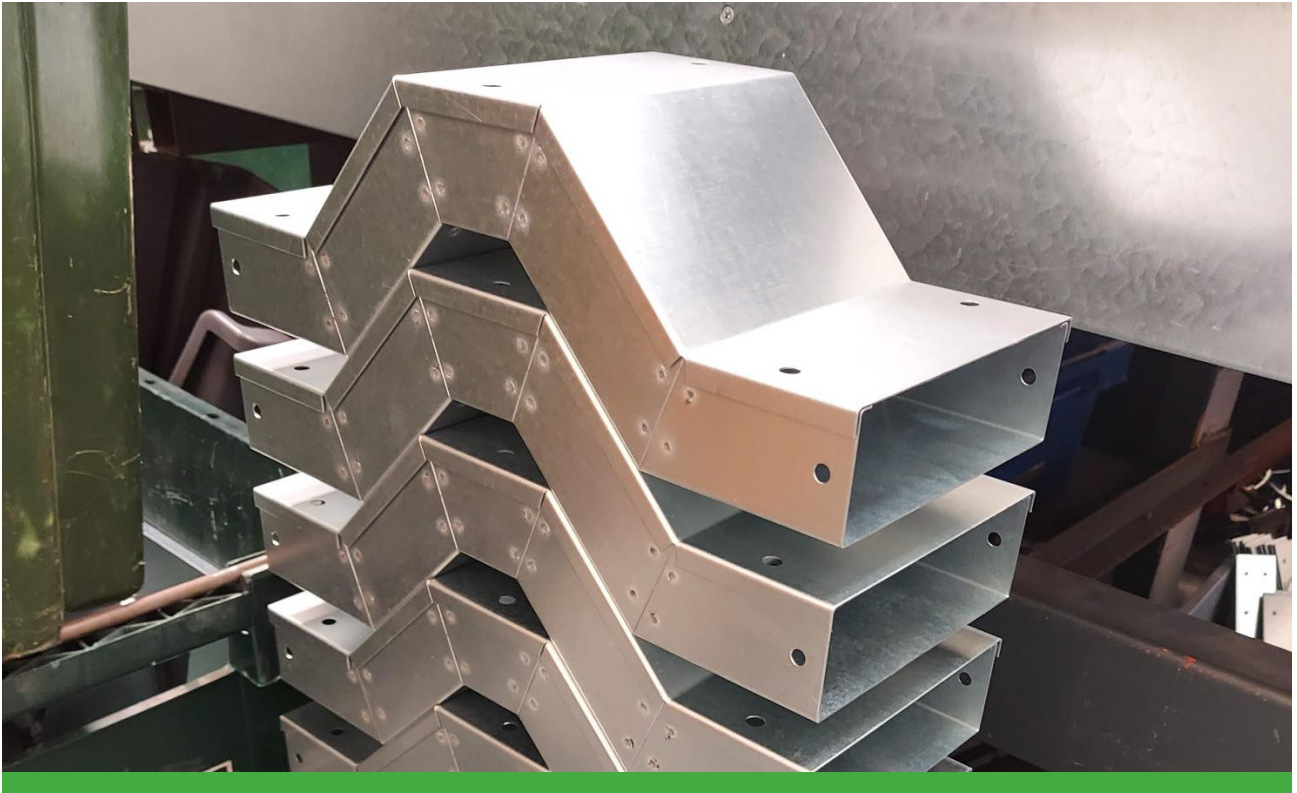
Surface Trunking

Single & Multi-Compartment
Steel Cable Trunking

SURFACE TRUNKING CONTENTS

Flytec Trunking

Part Code Guide

Surface Trunking Part Code Guide

Flytec Trunking Part Code Guide

TR Trunking sizes are available from 2x2 to 12x12.

Cable Trunking – TR				Cable Trunking – TX				Cable Trunking – IP54		
Part Code	2 Comp	3 Comp		Part Code	2 Comp	3 Comp		Part Code	2 Comp	3 Comp
TR22	TR222C	–		TR22TX	TR22TX2C	–		TR22-IP54	TR222C-IP54	–
TR32	TR322C	–		TR32TX	TR32TX2C	–		TR32-IP54	TR322C-IP54	–
TR33	TR332C	–		TR33TX	TR33TX2C	–		TR33-IP54	TR332C-IP54	–
TR42	TR422C	–		TR42TX	TR42TX2C	–		TR42-IP54	TR422C-IP54	–
TR43	TR432C	–		TR43TX	TR43TX2C	–		TR43-IP54	TR432C-IP54	–
TR44	TR442C	–		TR44TX	TR44TX2C	–		TR44-IP54	TR442C-IP54	–
TR62	TR622C	TR623C		TR62TX	TR62TX2C	TR62TX3C		TR62-IP54	TR622C-IP54	TR623C-IP54
TR63	TR632C	TR633C		TR63TX	TR63TX2C	TR63TX3C		TR63-IP54	TR632C-IP54	TR633C-IP54
TR64	TR642C	TR643C		TR64TX	TR64TX2C	TR64TX3C		TR64-IP54	TR642C-IP54	TR643C-IP54
TR66	TR662C	TR663C		TR66TX	TR66TX2C	TR66TX3C		TR66-IP54	TR662C-IP54	TR663C-IP54
TR82	TR822C	TR823C		TR82TX	TR82TX2C	TR82TX3C		TR82-IP54	TR822C-IP54	TR823C-IP54
TR83	TR832C	TR833C		TR83TX	TR83TX2C	TR83TX3C		TR83-IP54	TR832C-IP54	TR833C-IP54
TR84	TR842C	TR843C		TR84TX	TR84TX2C	TR84TX3C		TR84-IP54	TR842C-IP54	TR843C-IP54
TR86	TR862C	TR863C		TR86TX	TR86TX2C	TR86TX3C		TR86-IP54	TR862C-IP54	TR863C-IP54
TR88	TR882C	TR883C		TR88TX	TR88TX2C	TR88TX3C		TR88-IP54	TR882C-IP54	TR883C-IP54
TR92	TR922C	TR923C		TR92TX	TR92TX2C	TR92TX3C		TR92-IP54	TR922C-IP54	TR923C-IP54
TR93	TR932C	TR933C		TR93TX	TR93TX2C	TR93TX3C		TR93-IP54	TR932C-IP54	TR933C-IP54
TR94	TR942C	TR943C		TR94TX	TR94TX2C	TR94TX3C		TR94-IP54	TR942C-IP54	TR943C-IP54
TR96	TR962C	TR963C		TR96TX	TR96TX2C	TR96TX3C		TR96-IP54	TR962C-IP54	TR963C-IP54
TR98	TR982C	TR983C		TR98TX	TR98TX2C	TR98TX3C		TR98-IP54	TR982C-IP54	TR983C-IP54
TR99	TR992C	TR993C		TR99TX	TR99TX2C	TR99TX3C		TR99-IP54	TR992C-IP54	TR993C-IP54
TR122	TR1222C	TR1223C		TR122TX	TR122TX2C	TR122TX3C		TR122-IP54	TR1222C-IP54	TR1223C-IP54
TR123	TR1232C	TR1233C		TR123TX	TR123TX2C	TR123TX3C		TR123-IP54	TR1232C-IP54	TR1233C-IP54
TR124	TR1242C	TR1243C		TR124TX	TR124TX2C	TR124TX3C		TR124-IP54	TR1242C-IP54	TR1243C-IP54
TR126	TR1262C	TR1263C		TR126TX	TR126TX2C	TR126TX3C		TR126-IP54	TR1262C-IP54	TR1263C-IP54
TR128	TR1282C	TR1283C		TR128TX	TR128TX2C	TR128TX3C		TR128-IP54	TR1282C-IP54	TR1283C-IP54
TR129	TR1292C	TR1293C		TR129TX	TR129TX2C	TR129TX3C		TR129-IP54	TR1292C-IP54	TR1293C-IP54
TR1212	TR12122C	TR12123C		TR1212TX	TR1212TX2C	TR1212TX3C		TR1212-IP54	TR12122C-IP54	TR12123C-IP54

Surface Trunking Systems

The tables below show limited part codes as examples only.
Please refer to the Trunking part code guide on page 128 for the full list of sizes.

Powder Coated					
2 Compartment			3 Compartment		
TR22/W	TR222C/W	TR623C/W	TR22**TX**/W	TR22**TX**2C/W	TR62**TX**3C/W
or	or	or	or	or	or
TR22/B	TR222C/B	TR633C/B	TR22**TX**/B	TR22**TX**2C/B	TR62**TX**3C/B

Power Coating Spec: As Standard
W = White RAL9010 Semi-Gloss
B = Black RAL9005 Semi-Gloss

Flytec Trunking Accessory Part Code Guide

Fast Fix IP4X (Sizes 2x2-6x6)		
	2 Comp	3 Comp
FGB22**FF**	FGB22**FF**2C	FGB62**FF**3C
FGB32**FF**	FGB32**FF**2C	FGB63**FF**3C
FGB33**FF**	FGB33**FF**2C	FGB64**FF**3C
↓	↓	↓
FGB66**FF**	FGB66**FF**2C	FGB66**FF**3C

Please note: Fast Fix IP4X Trunking is available from sizes 50x50 to 150x150 only. For larger sizes, refer to our Standard Trunking range.

See page 131 for Fast Fix Accessories.

Standard Trunking		
	2 Comp	3 Comp
FGB22	FGB222C	FGB623C
FGB32	FGB322C	FGB633C
FGB33	FGB332C	FGB643C
↓	↓	↓
FGB1212	FGB12122C	FGB12123C

Please note: IP4X straps are sold separately for Standard Trunking.

See page 137 for Standard Accessories.

IP54		
	2 Comp	3 Comp
FGB22-**IP54**	FGB222C-**IP54**	FGB623C-**IP54**
FGB32-**IP54**	FGB322C-**IP54**	FGB633C-**IP54**
FGB33-**IP54**	FGB332C-**IP54**	FGB643C-**IP54**
↓	↓	↓
FGB1212-**IP54**	FGB12122C-**IP54**	FGB12123C-**IP54**

See page 128 for full list of sizes.

Surface Trunking Ranges

Steel Surface Trunking is available in the following variants:

Fast Fix IP4X (FF)
Fast Fix IP4X range is available from 2x2 to 6x6, including rectangular sizes, in various bends such as 45°, 90°, flat and tees. For larger sizes refer to the standard range.

Security Fixing (TX)
A pan head screw with TORX® Tamperproof screw fix lids.

Multi-Compartment (C)
Constructed to the same high quality as the single compartment range, the multi-compartment trunking partitions are manufactured from Galvanised steel spot welded into position.

IP54 (-IP54)
Gasketed trunking to prevent ingress of dust and liquids, available in single or multi compartment.

Stainless Steel (SS)
Stainless Steel trunking 316L & 304 grade is available in single or multi compartment. The Stainless Steel trunking systems are made to order.

Steel Cable Trunking

Steel Cable Trunking Systems

Flytec's innovative product range has been a great addition to the portfolio, allowing the business to expand the overall offering. The Steel Surface Trunking range includes, Fast Fix IP4X, Security Fixing, IP54 and Stainless Steel Trunking, available in single and multi-compartments.

Surface Trunking

All lengths are supplied with internal connectors secured by M5 bright zinc-plated screws fixed into Captive Nut inserts.

All Surface Trunking is made from Pre-Galvanised Steel to BS EN 10142 & 3 and is manufactured to BS EN 50085-1 and BS EN 50085-2-1.

Straight lids are secured by a two part all steel turnbuckle as standard. Slotted or tamperproof screw lids are also available on request.

Accessories are generally a one piece construction complete with internal fitting connector.

The entire range is also available in a powder coated finish on request.

Fast Fix Cable Trunking Accessories

Flat Lid 45° Bend – **FB**

For larger sizes, check out our Standard range on page 137

Size	Product Code*
mm	Single
50 x 50	FB22FF
75 x 50	FB32FF
75 x 75	FB33FF
100 x 50	FB42FF
100 x 75	FB43FF
100 x 100	FB44FF
150 x 50	FB62FF
150 x 75	FB63FF
150 x 100	FB64FF
150 x 150	FB66FF

Internal Lid 45° Bend – **IB**
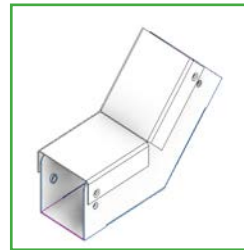
Size	Product Code*
mm	Single
50 x 50	IB22FF
75 x 50	IB32FF
75 x 75	IB33FF
100 x 50	IB42FF
100 x 75	IB43FF
100 x 100	IB44FF
150 x 50	IB62FF
150 x 75	IB63FF
150 x 100	IB64FF
150 x 150	IB66FF

External Lid 45° Bend – **EB**
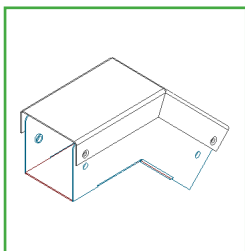
Size	Product Code*
mm	Single
50 x 50	EB22FF
75 x 50	EB32FF
75 x 75	EB33FF
100 x 50	EB42FF
100 x 75	EB43FF
100 x 100	EB44FF
150 x 50	EB62FF
150 x 75	EB63FF
150 x 100	EB64FF
150 x 150	EB66FF

Notes: For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code.

Example: A 2 Compartment Fast Fix FB in size 75 x 75 would be **FB33FF2C**

3 Compartment is available starting from 150x50.

See part code guide on page 129 for more details.

Refer to part code guides on pages 128 – 129.

Flytec Trunking

Fast Fix Cable Trunking Accessories

90° Bends

Flat Lid 90° Bend – **FSB**
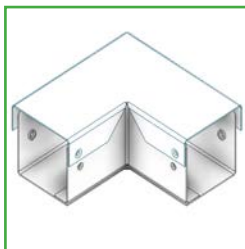
Size	Product Code*
mm	
50 x 50	FSB22FF
75 x 50	FSB32FF
75 x 75	FSB33FF
100 x 50	FSB42FF
100 x 75	FSB43FF
100 x 100	FSB44FF
150 x 50	FSB62FF
150 x 75	FSB63FF
150 x 100	FSB64FF
150 x 150	FSB66FF

Internal Lid 90° Bend – **ISB**
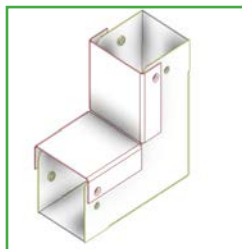
Size	Product Code*
mm	
50 x 50	ISB22FF
75 x 50	ISB32FF
75 x 75	ISB33FF
100 x 50	ISB42FF
100 x 75	ISB43FF
100 x 100	ISB44FF
150 x 50	ISB63FF
150 x 75	ISB62FF
150 x 100	ISB64FF
150 x 150	ISB66FF

External Lid 90° Bend – **ESB**
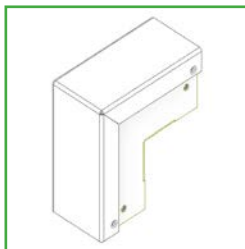
Size	Product Code*
mm	
50 x 50	ESB22FF
75 x 50	ESB32FF
75 x 75	ESB33FF
100 x 50	ESB42FF
100 x 75	ESB43FF
100 x 100	ESB44FF
150 x 50	ESB62FF
150 x 75	ESB63FF
150 x 100	ESB64FF
150 x 150	ESB66FF

Notes: For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code.

3 Compartment is available starting from 150x50.

Flytec Trunking

Fast Fix Cable Trunking Accessories

Flat Lid Tee Gusset – **FGT**

Size	Product Code*
mm	Single
50 x 50	FGT22FF
75 x 50	FGT32FF
75 x 75	FGT33FF
100 x 50	FGT42FF
100 x 75	FGT43FF
100 x 100	FGT44FF
150 x 50	FGT62FF
150 x 75	FGT63FF
150 x 100	FGT64FF
150 x 150	FGT66FF

Internal Lid Tee Gusset – **IGT**
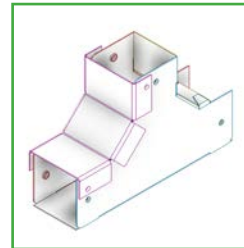
Size	Product Code*
mm	
50 x 50	IGT22FF
75 x 50	IGT32FF
75 x 75	IGT33FF
100 x 50	IGT42FF
100 x 75	IGT43FF
100 x 100	IGT44FF
150 x 50	IGT62FF
150 x 75	IGT63FF
150 x 100	IGT64FF
150 x 150	IGT66FF

External Lid Tee Gusset – **EGT**
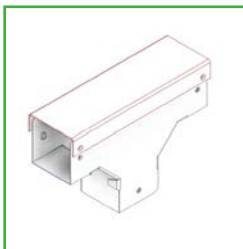
Size	Product Code*
mm	
50 x 50	EGT22FF
75 x 50	EGT32FF
75 x 75	EGT33FF
100 x 50	EGT42FF
100 x 75	EGT43FF
100 x 100	EGT44FF
150 x 50	EGT62FF
150 x 75	EGT63FF
150 x 100	EGT64FF
150 x 150	EGT66FF

Notes: For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code.

3 Compartment is available starting from 150x50.

See part code guide on page 129 for more details.

Refer to accessory part code guide on page 129

Flytec Trunking

Tees – Square

Flat Lid Tee Square- **FST**
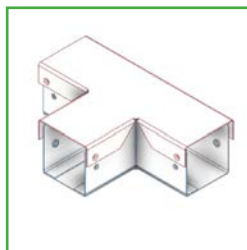
Size	Product Code*
mm	
50 x 50	FST22FF
75 x 50	FST32FF
75 x 75	FST33FF
100 x 50	FST42FF
100 x 75	FST43FF
100 x 100	FST44FF
150 x 50	FST62FF
150 x 75	FST63FF
150 x 100	FST64FF
150 x 150	FST66FF

Internal Lid Tee Square – **IST**
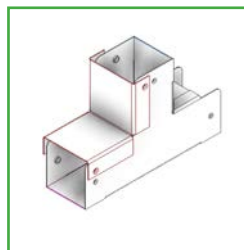
Size	Product Code*
mm	
50 x 50	IST22FF
75 x 50	IST32FF
75 x 75	IST33FF
100 x 50	IST42FF
100 x 75	IST43FF
100 x 100	IST44FF
150 x 50	IST62FF
150 x 75	IST63FF
150 x 100	IST64FF
150 x 150	IST66FF

External Lid Tee Square – **EST**
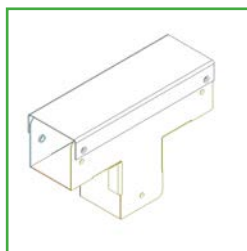
Size	Product Code*
mm	
50 x 50	EST22FF
75 x 50	EST32FF
75 x 75	EST33FF
100 x 50	EST42FF
100 x 75	EST43FF
100 x 100	EST44FF
150 x 50	EST62FF
150 x 75	EST63FF
150 x 100	EST64FF
150 x 150	EST66FF

Notes: For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code.

3 Compartment is available starting from 150x50.

Flytec Trunking

Fast Fix Cable Trunking Accessories

Flat Lid Gusset Bend – **FGB**

Size	Product Code*
mm	Single
50 x 50	FGB22FF
75 x 50	FGB32FF
75 x 75	FGB33FF
100 x 50	FGB42FF
100 x 75	FGB43FF
100 x 100	FGB44FF
150 x 50	FGB62FF
150 x 75	FGB63FF
150 x 100	FGB64FF
150 x 150	FGB66FF

Internal Lid Gusset Bend – **IGB**
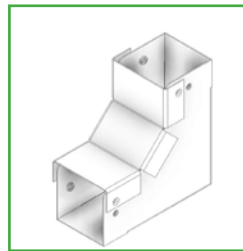
Size	Product Code*
mm	
50 x 50	IGB22FF
75 x 50	IGB32FF
75 x 75	IGB33FF
100 x 50	IGB42FF
100 x 75	IGB43FF
100 x 100	IGB44FF
150 x 50	IGB62FF
150 x 75	IGB63FF
150 x 100	IGB64FF
150 x 150	IGB66FF

External Lid Gusset Bend – **EGB**
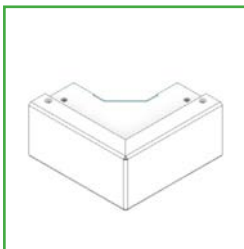
Size	Product Code*
mm	
50 x 50	EGB22FF
75 x 50	EGB32FF
75 x 75	EGB33FF
100 x 50	EGB42FF
100 x 75	EGB43FF
100 x 100	EGB44FF
150 x 50	EGB62FF
150 x 75	EGB63FF
150 x 100	EGB64FF
150 x 150	EGB66FF

Notes: For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code.

3 Compartment is available starting from 150x50.

See part code guide on page 129 for more details.

Flytec Trunking

Fast Fix Cable Trunking Accessories

Crossovers

Crossover – **CO**
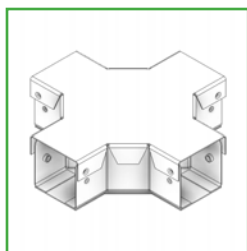
Size	Product Code*
mm	
50 x 50	CO22FF
75 x 50	CO32FF
75 x 75	CO33FF
100 x 50	CO42FF
100 x 75	CO43FF
100 x 100	CO44FF
150 x 50	CO62FF
150 x 75	CO63FF
150 x 100	CO64FF
150 x 150	CO66FF

Crossover Square – **COSQ**
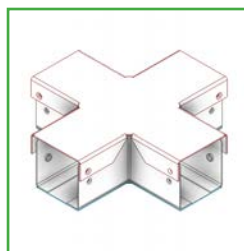
Size	Product Code*
mm	
50 x 50	COSQ22FF
75 x 50	COSQ32FF
75 x 75	COSQ33FF
100 x 50	COSQ42FF
100 x 75	COSQ43FF
100 x 100	COSQ44FF
150 x 50	COSQ62FF
150 x 75	COSQ63FF
150 x 100	COSQ64FF
150 x 150	COSQ66FF

Fast Fix – Typical Assembly
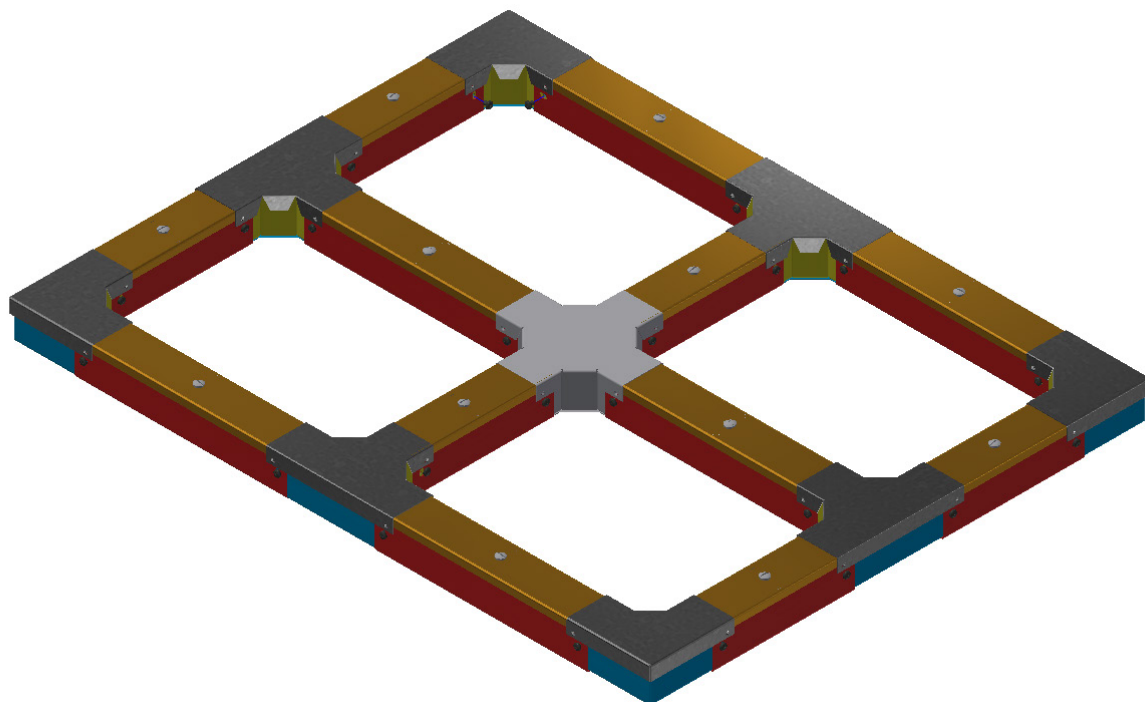
Standard Cable Trunking Accessories

Flat Lid 90° Bend – FSB
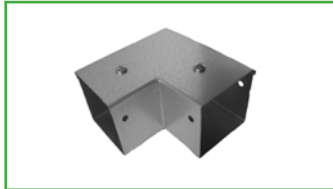
Size mm	Code	Size mm	Code
50 x 50	FSB22	200 x 150	FSB86
75 x 50	FSB32	200 x 200	FSB88
75 x 75	FSB33	225 x 50	FSB92
100 x 50	FSB42	225 x 75	FSB93
100 x 75	FSB43	225 x 100	FSB94
100 x 100	FSB44	225 x 150	FSB96
150 x 50	FSB62	225 x 225	FSB99
150 x 75	FSB63	300 x 50	FSB122
150 x 100	FSB64	300 x 75	FSB123
150 x 150	FSB66	300 x 100	FSB124
200 x 50	FSB82	300 x 150	FSB126
200 x 75	FSB83	300 x 225	FSB129
200 x 100	FSB84	300 x 300	FSB1212

External Lid 90° Bend – ISB

Size mm	Code	Size mm	Code
50 x 50	ISB22	200 x 150	ISB86
75 x 50	ISB32	200 x 200	ISB88
75 x 75	ISB33	225 x 50	ISB92
100 x 50	ISB42	225 x 75	ISB93
100 x 75	ISB43	225 x 100	ISB94
100 x 100	ISB44	225 x 150	ISB96
150 x 50	ISB62	225 x 225	ISB99
150 x 75	ISB63	300 x 50	ISB122
150 x 100	ISB64	300 x 75	ISB123
150 x 150	ISB66	300 x 100	ISB124
200 x 50	ISB82	300 x 150	ISB126
200 x 75	ISB83	300 x 225	ISB129
200 x 100	ISB84	300 x 300	ISB1212

Internal Lid 90° Bend – ESB

Size mm	Code	Size mm	Code
50 x 50	ESB22	200 x 150	ESB86
75 x 50	ESB32	200 x 200	ESB88
75 x 75	ESB33	225 x 50	ESB92
100 x 50	ESB42	225 x 75	ESB93
100 x 75	ESB43	225 x 100	ESB94
100 x 100	ESB44	225 x 150	ESB96
150 x 50	ESB62	225 x 225	ESB99
150 x 75	ESB63	300 x 50	ESB122
150 x 100	ESB64	300 x 75	ESB123
150 x 150	ESB66	300 x 100	ESB124
200 x 50	ESB82	300 x 150	ESB126
200 x 75	ESB83	300 x 225	ESB129
200 x 100	ESB84	300 x 300	ESB1212

Flat Lid 45° Bend – FB

Size mm	Code	Size mm	Code
50 x 50	FB22	200 x 150	FB86
75 x 50	FB32	200 x 200	FB88
75 x 75	FB33	225 x 50	FB92
100 x 50	FB42	225 x 75	FB93
100 x 75	FB43	225 x 100	FB94
100 x 100	FB44	225 x 150	FB96
150 x 50	FB62	225 x 225	FB99
150 x 75	FB63	300 x 50	FB122
150 x 100	FB64	300 x 75	FB123
150 x 150	FB66	300 x 100	FB124
200 x 50	FB82	300 x 150	FB126
200 x 75	FB83	300 x 225	FB129
200 x 100	FB84	300 x 300	FB1212

Internal Lid 45° Bend – IB

Size mm	Code	Size mm	Code
50 x 50	IB22	200 x 150	IB86
75 x 50	IB32	200 x 200	IB88
75 x 75	IB33	225 x 50	IB92
100 x 50	IB42	225 x 75	IB93
100 x 75	IB43	225 x 100	IB94
100 x 100	IB44	225 x 150	IB96
150 x 50	IB62	225 x 225	IB99
150 x 75	IB63	300 x 50	IB122
150 x 100	IB64	300 x 75	IB123
150 x 150	IB66	300 x 100	IB124
200 x 50	IB82	300 x 150	IB126
200 x 75	IB83	300 x 225	IB129
200 x 100	IB84	300 x 300	IB1212

External 45° Bend – EB

Size mm	Code	Size mm	Code
50 x 50	EB22	200 x 150	EB86
75 x 50	EB32	200 x 200	EB88
75 x 75	EB33	225 x 50	EB92
100 x 50	EB42	225 x 75	EB93
100 x 75	EB43	225 x 100	EB94
100 x 100	EB44	225 x 150	EB96
150 x 50	EB62	225 x 225	EB99
150 x 75	EB63	300 x 50	EB122
150 x 100	EB64	300 x 75	EB123
150 x 150	EB66	300 x 100	EB124
200 x 50	EB82	300 x 150	EB126
200 x 75	EB83	300 x 225	EB129
200 x 100	EB84	300 x 300	EB1212

All trunking accessories are available as TX Security Fixing Trunking. See part code guide on page 128.

Flytec Trunking

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Bends

Flat Lid Gusset Bend – FGB

Size	Code	Size	Code
mm		mm	
50 x 50	FGB22	200 x 150	FGB86
75 x 50	FGB32	200 x 200	FGB88
75 x 75	FGB33	225 x 50	FGB92
100 x 50	FGB42	225 x 75	FGB93
100 x 75	FGB43	225 x 100	FGB94
100 x 100	FGB44	225 x 150	FGB96
150 x 50	FGB62	225 x 225	FGB99
150 x 75	FGB63	300 x 50	FGB122
150 x 100	FGB64	300 x 75	FGB123
150 x 150	FGB66	300 x 100	FGB124
200 x 50	FGB82	300 x 150	FGB126
200 x 75	FGB83	300 x 225	FGB129
200 x 100	FGB84	300 x 300	FGB1212

Internal Lid Gusset Bend – IGB

Size	Code	Size	Code
mm		mm	
50 x 50	IGB22	200 x 150	IGB86
75 x 50	IGB32	200 x 200	IGB88
75 x 75	IGB33	225 x 50	IGB92
100 x 50	IGB42	225 x 75	IGB93
100 x 75	IGB43	225 x 100	IGB94
100 x 100	IGB44	225 x 150	IGB96
150 x 50	IGB62	225 x 225	IGB99
150 x 75	IGB63	300 x 50	IGB122
150 x 100	IGB64	300 x 75	IGB123
150 x 150	IGB66	300 x 100	IGB124
200 x 50	IGB82	300 x 150	IGB126
200 x 75	IGB83	300 x 225	IGB129
200 x 100	IGB84	300 x 300	IGB1212

External Lid Gusset Bend – EGB

Size	Code	Size	Code
mm		mm	
50 x 50	EGB22	200 x 150	EGB86
75 x 50	EGB32	200 x 200	EGB88
75 x 75	EGB33	225 x 50	EGB92
100 x 50	EGB42	225 x 75	EGB93
100 x 75	EGB43	225 x 100	EGB94
100 x 100	EGB44	225 x 150	EGB96
150 x 50	EGB62	225 x 225	EGB99
150 x 75	EGB63	300 x 50	EGB122
150 x 100	EGB64	300 x 75	EGB123
150 x 150	EGB66	300 x 100	EGB124
200 x 50	EGB82	300 x 150	EGB126
200 x 75	EGB83	300 x 225	EGB129
200 x 100	EGB84	300 x 300	EGB1212

Crossover – CO

Size	Code	Size	Code
mm		mm	
50 x 50	CO22	200 x 150	CO86
75 x 50	CO32	200 x 200	CO88
75 x 75	CO33	225 x 50	CO92
100 x 50	CO42	225 x 75	CO93
100 x 75	CO43	225 x 100	CO94
100 x 100	CO44	225 x 150	CO96
150 x 50	CO62	225 x 225	CO99
150 x 75	CO63	300 x 50	CO122
150 x 100	CO64	300 x 75	CO123
150 x 150	CO66	300 x 100	CO124
200 x 50	CO82	300 x 150	CO126
200 x 75	CO83	300 x 225	CO129
200 x 100	CO84	300 x 300	CO1212

Crossover Square – COSQ

Size	Code	Size	Code
mm		mm	
50 x 50	COSQ22	200 x 150	COSQ86
75 x 50	COSQ32	200 x 200	COSQ88
75 x 75	COSQ33	225 x 50	COSQ92
100 x 50	COSQ42	225 x 75	COSQ93
100 x 75	COSQ43	225 x 100	COSQ94
100 x 100	COSQ44	225 x 150	COSQ96
150 x 50	COSQ62	225 x 225	COSQ99
150 x 75	COSQ63	300 x 50	COSQ122
150 x 100	COSQ64	300 x 75	COSQ123
150 x 150	COSQ66	300 x 100	COSQ124
200 x 50	COSQ82	300 x 150	COSQ126
200 x 75	COSQ83	300 x 225	COSQ129
200 x 100	COSQ84	300 x 300	COSQ1212

Note: For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code.

3 Compartment is available starting from 150x50.

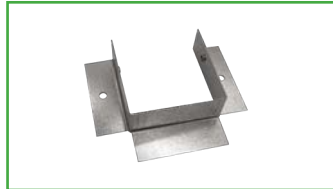See part code guide on page 128 for more details.

All trunking accessories are available as TX Security Fixing Trunking. See part code guide on page 128.

Flytec Trunking

Single Compartment Cable Trunking Accessories

Flat Lid Tee Gusset – FGT
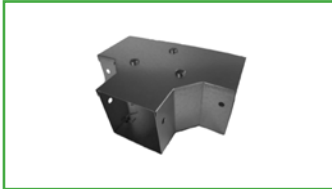
Size	Code	Size	Code
mm		mm	
50 x 50	FGT22	200 x 150	FGT86
75 x 50	FGT32	200 x 200	FGT88
75 x 75	FGT33	225 x 50	FGT92
100 x 50	FGT42	225 x 75	FGT93
100 x 75	FGT43	225 x 100	FGT94
100 x 100	FGT44	225 x 150	FGT96
150 x 50	FGT62	225 x 225	FGT99
150 x 75	FGT63	300 x 50	FGT122
150 x 100	FGT64	300 x 75	FGT123
150 x 150	FGT66	300 x 100	FGT124
200 x 50	FGT82	300 x 150	FGT126
200 x 75	FGT83	300 x 225	FGT129
200 x 100	FGT84	300 x 300	FGT1212

Internal Lid Tee Gusset – IGT
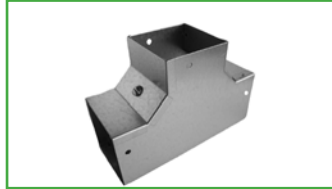
Size	Code	Size	Code
mm		mm	
50 x 50	IGT22	200 x 150	IGT86
75 x 50	IGT32	200 x 200	IGT88
75 x 75	IGT33	225 x 50	IGT92
100 x 50	IGT42	225 x 75	IGT93
100 x 75	IGT43	225 x 100	IGT94
100 x 100	IGT44	225 x 150	IGT96
150 x 50	IGT62	225 x 225	IGT99
150 x 75	IGT63	300 x 50	IGT122
150 x 100	IGT64	300 x 75	IGT123
150 x 150	IGT66	300 x 100	IGT124
200 x 50	IGT82	300 x 150	IGT126
200 x 75	IGT83	300 x 225	IGT129
200 x 100	IGT84	300 x 300	IGT1212

External Lid Tee Gusset – EGT
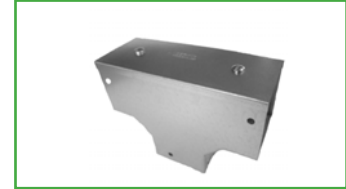
Size	Code	Size	Code
mm		mm	
50 x 50	EGT22	200 x 150	EGT86
75 x 50	EGT32	200 x 200	EGT88
75 x 75	EGT33	225 x 50	EGT92
100 x 50	EGT42	225 x 75	EGT93
100 x 75	EGT43	225 x 100	EGT94
100 x 100	EGT44	225 x 150	EGT96
150 x 50	EGT62	225 x 225	EGT99
150 x 75	EGT63	300 x 50	EGT122
150 x 100	EGT64	300 x 75	EGT123
150 x 150	EGT66	300 x 100	EGT124
200 x 50	EGT82	300 x 150	EGT126
200 x 75	EGT83	300 x 225	EGT129
200 x 100	EGT84	300 x 300	EGT1212

Flat Lid Tee Square– FST
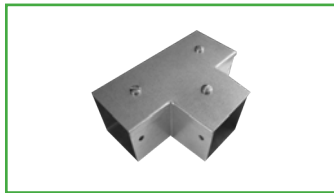
Size	Code	Size	Code
mm		mm	
50 x 50	FST22	200 x 150	FST86
75 x 50	FST32	200 x 200	FST88
75 x 75	FST33	225 x 50	FST92
100 x 50	FST42	225 x 75	FST93
100 x 75	FST43	225 x 100	FST94
100 x 100	FST44	225 x 150	FST96
150 x 50	FST62	225 x 225	FST99
150 x 75	FST63	300 x 50	FST122
150 x 100	FST64	300 x 75	FST123
150 x 150	FST66	300 x 100	FST124
200 x 50	FST82	300 x 150	FST126
200 x 75	FST83	300 x 225	FST129
200 x 100	FST84	300 x 300	FST1212

Internal Lid Tee Square – IST

Size	Code	Size	Code
mm		mm	
50 x 50	IST22	200 x 150	IST86
75 x 50	IST32	200 x 200	IST88
75 x 75	IST33	225 x 50	IST92
100 x 50	IST42	225 x 75	IST93
100 x 75	IST43	225 x 100	IST94
100 x 100	IST44	225 x 150	IST96
150 x 50	IST62	225 x 225	IST99
150 x 75	IST63	300 x 50	IST122
150 x 100	IST64	300 x 75	IST123
150 x 150	IST66	300 x 100	IST124
200 x 50	IST82	300 x 150	IST126
200 x 75	IST83	300 x 225	IST129
200 x 100	IST84	300 x 300	IST1212

External Lid Tee Square – EST

Size	Code	Size	Code
mm		mm	
50 x 50	EST22	200 x 150	EST86
75 x 50	EST32	200 x 200	EST88
75 x 75	EST33	225 x 50	EST92
100 x 50	EST42	225 x 75	EST93
100 x 75	EST43	225 x 100	EST94
100 x 100	EST44	225 x 150	EST96
150 x 50	EST62	225 x 225	EST99
150 x 75	EST63	300 x 50	EST122
150 x 100	EST64	300 x 75	EST123
150 x 150	EST66	300 x 100	EST124
200 x 50	EST82	300 x 150	EST126
200 x 75	EST83	300 x 225	EST129
200 x 100	EST84	300 x 300	EST1212

Flytec Trunking

Atkore™ Unistrut

Offset Bends & Reducers

Horizontal Offset Bend Left – **H/OS/LH**

Size	Code	Size	Code
mm		mm	
50 x 50	H/OS/LH22	200 x 150	H/OS/LH86
75 x 50	H/OS/LH32	200 x 200	H/OS/LH88
75 x 75	H/OS/LH33	225 x 50	H/OS/LH92
100 x 50	H/OS/LH42	225 x 75	H/OS/LH93
100 x 75	H/OS/LH43	225 x 100	H/OS/LH94
100 x 100	H/OS/LH44	225 x 150	H/OS/LH96
150 x 50	H/OS/LH62	225 x 225	H/OS/LH99
150 x 75	H/OS/LH63	300 x 50	H/OS/LH122
150 x 100	H/OS/LH64	300 x 75	H/OS/LH123
150 x 150	H/OS/LH66	300 x 100	H/OS/LH124
200 x 50	H/OS/LH82	300 x 150	H/OS/LH126
200 x 75	H/OS/LH83	300 x 225	H/OS/LH129
200 x 100	H/OS/LH84	300 x 300	H/OS/LH1212

Horizontal Offset Bend Right – **H/OS/RH**

Size	Code	Size	Code
mm		mm	
50 x 50	H/OS/RH22	200 x 150	H/OS/RH86
75 x 50	H/OS/RH32	200 x 200	H/OS/RH88
75 x 75	H/OS/RH33	225 x 50	H/OS/RH92
100 x 50	H/OS/RH42	225 x 75	H/OS/RH93
100 x 75	H/OS/RH43	225 x 100	H/OS/RH94
100 x 100	H/OS/RH44	225 x 150	H/OS/RH96
150 x 50	H/OS/RH62	225 x 225	H/OS/RH99
150 x 75	H/OS/RH63	300 x 50	H/OS/RH122
150 x 100	H/OS/RH64	300 x 75	H/OS/RH123
150 x 150	H/OS/RH66	300 x 100	H/OS/RH124
200 x 50	H/OS/RH82	300 x 150	H/OS/RH126
200 x 75	H/OS/RH83	300 x 225	H/OS/RH129
200 x 100	H/OS/RH84	300 x 300	H/OS/RH1212

Verticle Offset – **V/OS**
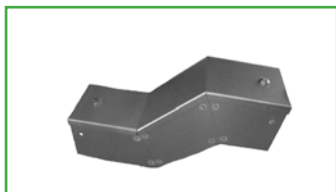
Size	Code	Size	Code
mm		mm	
50 x 50	V/OS22	200 x 150	V/OS86
75 x 50	V/OS32	200 x 200	V/OS88
75 x 75	V/OS33	225 x 50	V/OS92
100 x 50	V/OS42	225 x 75	V/OS93
100 x 75	V/OS43	225 x 100	V/OS94
100 x 100	V/OS44	225 x 150	V/OS96
150 x 50	V/OS62	225 x 225	V/OS99
150 x 75	V/OS63	300 x 50	V/OS122
150 x 100	V/OS64	300 x 75	V/OS123
150 x 150	V/OS66	300 x 100	V/OS124
200 x 50	V/OS82	300 x 150	V/OS126
200 x 75	V/OS83	300 x 225	V/OS129
200 x 100	V/OS84	300 x 300	V/OS1212

Reducer– **RED**

Reducer Ordering Guide:

'Reducing From' End
Trunking Size 'A'
Max 12x12 / Min 3X2
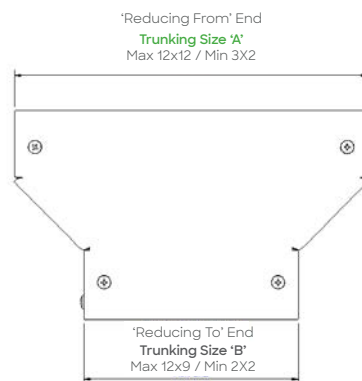
Part Code Example:
RED**Size-A** **Size-B**
I.E RED**4422**

'Reducing To' End
Trunking Size 'B'
Max 12x9 / Min 2X2

Note: Speak to our Technical Team if you require bespoke Offset sizes. For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code. 3 Compartment is available starting from 150x50. See part code guide on page 128 for more details.

Flytec Trunking

Universal Accessories

Universal Accessories Guide

Stop End – **EC**	Flange – **FE**	Hanger – **HC**

Stop End	
Part Code	Description
EC22	50X50 Stop End
EC32	75X50 Stop End
EC33	75X75 Stop End
EC42	100X50 Stop End
EC43	100X75 Stop End
EC44	100X100 Stop End
EC62	150X50 Stop End
EC63	150X75 Stop End
EC64	150X100 Stop End
EC66	150X150 Stop End
EC82	200X50 Stop End
EC83	200X75 Stop End
EC84	200X100 Stop End
EC86	200X150 Stop End
EC88	200x200 Stop End
EC92	225x50 Stop End
EC93	225x75 Stop End
EC94	225x100 Stop End
EC96	225x150 Stop End
EC98	225x200 Stop End
EC99	225x225 Stop End
EC122	300x50 Stop End
EC123	300x75 Stop End
EC124	300x100 Stop End
EC126	300x150 Stop End
EC128	300x200 Stop End
EC129	300x225 Stop End
EC1212	300x300 Stop End

Stop End	
Part Code	Description
FE22	50X50 Flange End
FE32	75X50 Flange End
FE33	75X75 Flange End
FE42	100X50 Flange End
FE43	100X75 Flange End
FE44	100X100 Flange End
FE62	150X50 Flange End
FE63	150X75 Flange End
FE64	150X100 Flange End
FE66	150X150 Flange End
FE82	200X50 Flange End
FE83	200X75 Flange End
FE84	200X100 Flange End
FE86	200X150 Flange End
FE88	200X200 Flange End
FE92	225X50 Flange End
FE93	225X75 Flange End
FE94	225X100 Flange End
FE96	225X150 Flange End
FE98	225X200 Flange End
FE99	225X225 Flange End
FE122	300X50 Flange End
FE123	300X75 Flange End
FE124	300X100 Flange End
FE126	300X150 Flange End
FE128	300X200 Flange End
FE129	300X225 Flange End
FE1212	300X300 Flange End

Hanger	
Part Code	Description
HC22	50X50 Trunking Hanger
HC32	75X50 Trunking Hanger
HC33	75X75 Trunking Hange
HC42	100X 50 Trunking Hanger
HC43	100X75 Trunking Hanger
HC44	100X100 Trunking Hanger
HC62	150X 50 Trunking Hanger
HC63	150X75 Trunking Hanger
HC64	150X100 Trunking Hanger
HC66	150X150 Trunking Hanger

To order Universal Accessories please state the part type abrreviation followed by the size.

Stop End (EC) and Flange (FE) are also available as part of the Security Fixing (TX) range.

Flytec Trunking

Universal Accessories

Universal Accessories

Twin Socket Lid – **TSO**

Single Socket Lid – **SSO**

Bell Mouth – **BM**

Available from sizes 50x50 to 300x300

Twin Socket Lids
3 Compartment
TSO/4/3C
TSO/6/3C
TSO/8/3C
TSO/9/3C
TSO/12/3C
2 Compartment
TSO/4/2C
TSO/6/2C
TSO/8/2C
TSO/9/2C
TSO/12/2C

Single Socket Lids
3 Compartment
SSO/4/3C
SSO/6/3C
SSO/8/3C
SSO/9/3C
SSO/12/3C
2 Compartment
SSO/4/2C
SSO/6/2C
SSO/8/2C
SSO/9/2C
SSO/12/2C

3C can also be used for single compartment trunking

Earth Links – **ES99**

Lid Fixing – **TB1**

Lid Fixing – **TB3**

For 3 inch assemblies only

Cable Retainer – **CS**

IP4X Lid Cover Strap – **LC**

Pin Rack – **VT**

Available in trunking width sizes

Available in trunking width sizes
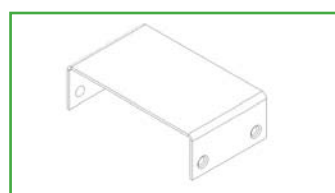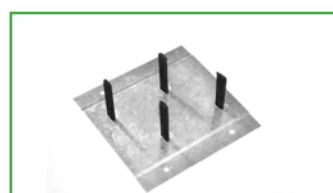
Available from 50x50 to 300x300

Multi-Compartment & Gasketed Trunking

Atkore™ Unistrut

Multi-Compartment Trunking & Fly-Overs

- Partitions manufactured from galvanised steel spot welded into position
- Partitions can also be supplied for loose on-site fixing
- Trunking with unequal spaced compartments can be supplied – Please state sizes required at time of ordering
- All accessories shown on the single compartment page can be manufactured to suit multi-compartment
- All compartments are equally spaced unless requested
- Compartments are equally spaced as standard
- Speak to our technical team for unequal compartments
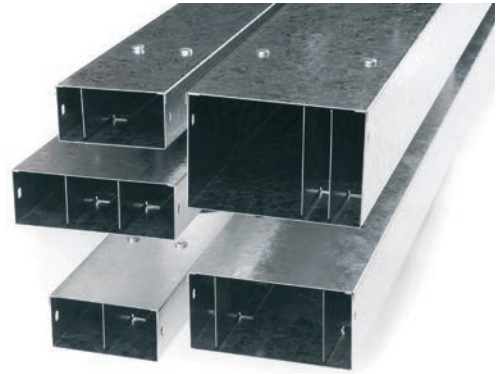
Fly-Overs

- Fly-Overs are supplied with all tees and crossovers
- Approximately 50% of cable capacity is lost when fitting a Fly-Over

Gasketed Trunking for External Use (IP54)

All the sizes shown in single and multi-compartment sections can be manufactured to prevent ingress of dust and liquids (IP54).

This innovative system is designed with an outward returned flange on the body with an overlapping lid, which is fitted with EDPM both sides along its entire length. When installed, the gasket is compressed between body and lid by mushroom screws which fix into captive bushes on the outward flanges.

Trunking manufactured to this design will provide IP54 protection and is supplied in 2 metres lengths maximum.

Atkore Unistrut also offer a complete range of fully gasketed accessories.

Perimeter Systems

Skirting, Dado & Bench Trunking

PERIMETER SYSTEMS CONTENTS

Flytec Trunking

Perimeter Systems

Typical Profiles – Skirting & Dado

Top Chamfer Skirting- **TC**
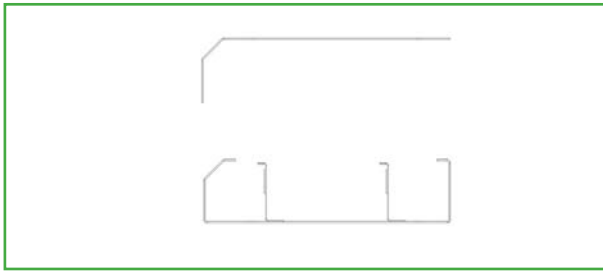
Top Flat Skirting – **TF**
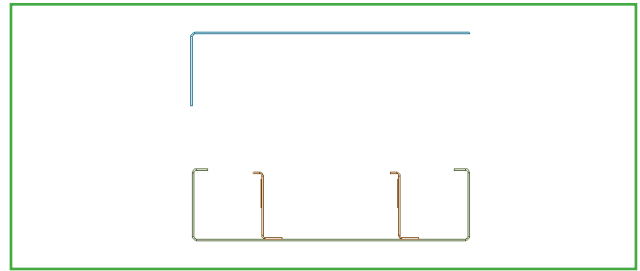
Chamfered Dado – **CD**
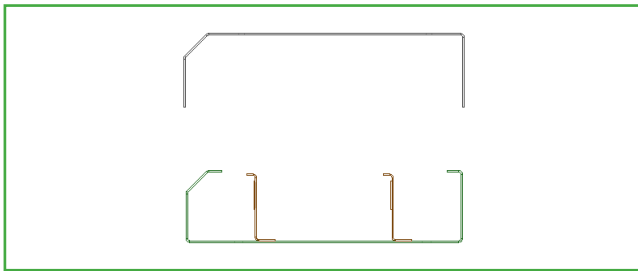
Square Dado – **SD**
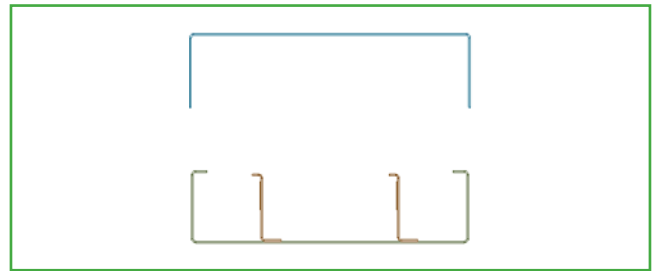
Double Chamfer Dado – **DCD**

Flytec Trunking
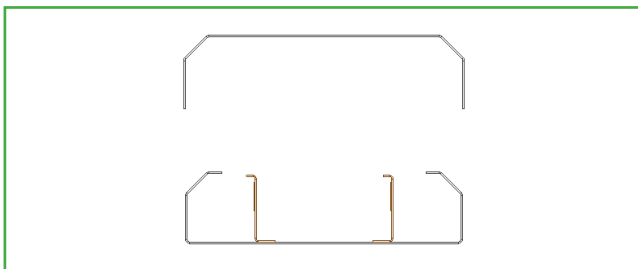
Perimeter Systems

How to order Perimeter Trunking guide:

- To order Skirting/Dado Trunking, select the trunking family (see page 146), the size (see table below), and the compartment 2C or 3C

For example:

- Square Dado Trunking in size 6x2 in 2 Compartments
- Take trunking reference **SD** + size **62** + 2 compartment **2C** to give **SD62/2C**

Perimeter Systems Size Guide	
62 (6x2)	2C
82 (8x2)	3C*

*Not available in all parts

How to order Perimeter Trunking Accessories guide:

- To order Skirting/Dado Trunking Accessories, simply select the trunking family, the size, the compartment and the accessory

For example:

- Top Chamfer Skirting Trunking 90° Internal Bend in size 6x2 in 2 Compartments
- Take trunking reference **TC** + size **62** + 2 compartment **2C** + 90° Internal Bend **ISB** to give **TC62/2C/ISB**

Flytec Trunking

Skirting Trunking

Skirting Trunking is supplied in 2 metre lengths, comprising a Galvanised sheet steel body with powder coated overlapping lid, in the colour white as standard. A cover strap is provided with each length of lid. This reduces the necessity for special on-site cutting requirements, as the strap covers any cut edges.

Features:

- 20mm knockouts in the partition at the 250mm centres, allowing easy positioning of outlet plates, which require screening via the steel back box that fixes to the partition
- Chamfered or flat top options as standard
- Other powder coated finishes are available even when only a short run of trunking is required
- 2 or 3 compartments are most commonly used. However, systems to suit client's individual
- requirements can be manufactured with the same short lead time
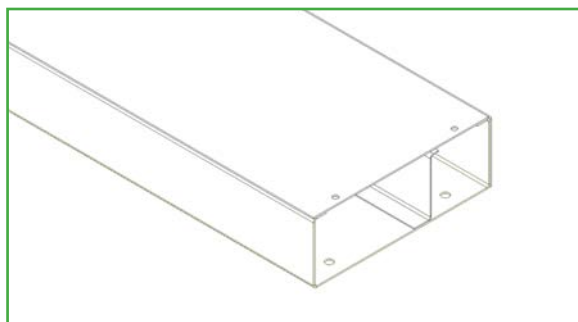
150mm x 50mm   **TF62/2C**

2 Comp, top 50mm –   bottom 100mm
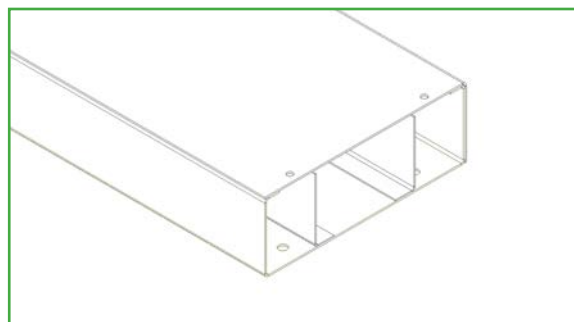
200mm x 50mm   **TF82/3C**

3 Comp, top 50mm, centre 100mm, bottom 50mm
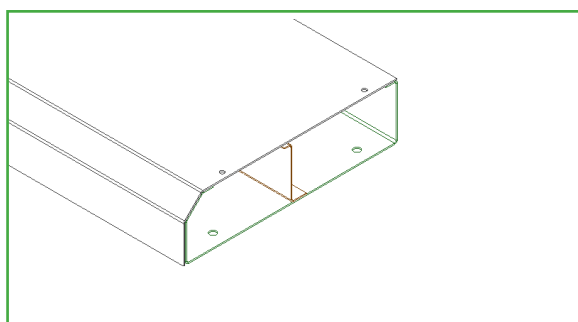
150mm x 50mm   **TC62/2C**

2 Comp, top 50mm – bottom 100mm
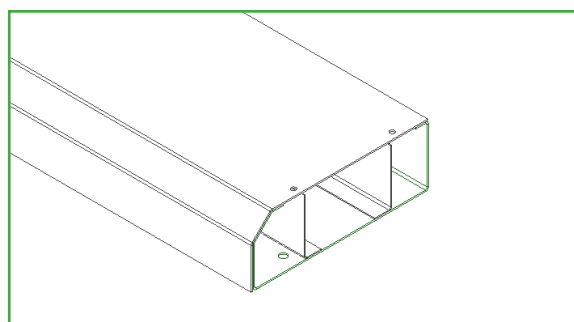
200mm x 50mm   **TC82/3C**

3 Comp, top 50mm, centre 100mm & bottom 50mm

Please note: The accessories on Page 149 show images for **TC** Skirting Trunking as an example.
To order **TF** Skirting Trunking, add 'TF' to the start of the part code. For example, **TF** + size **62** + 2 compartment **2C** + 90° Internal Bend **ISB** to give **TF62/2C/ISB**

Flytec Trunking

Trunking Accessories

90° Internal Bend **ISB** **45° Internal Bend** **IB**	**90° External Bend** **ESB** **45° External Bend** **EB**	**Flat Bend (downward)** **FSB/D**
Flat Bend (Upward) **FSB/U**	**Flat Tee (Up) Left** **FST/LH–U** **Flat Tee (Up) Right** **FST/RH–U**	**Flat Tee (Down) Left** **FST/LH–D** **Flat Tee (Down) Right** **FST/RH–D**
Single Socket Lid 2C Bottom **2C/SSOBTM**	Single Socket Lid 2C Top **2C/SSOTOP**	Single Socket Lid 3C **3C/SSO**
Twin Socket Lid 2C Bottom **2C/TSOBTM**	Twin Socket Lid 2C Top **2C/TSOTOP**	Twin Socket Lid 3C **3C/TSO**
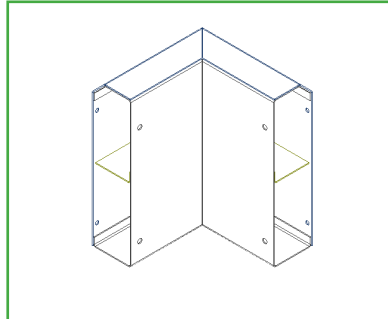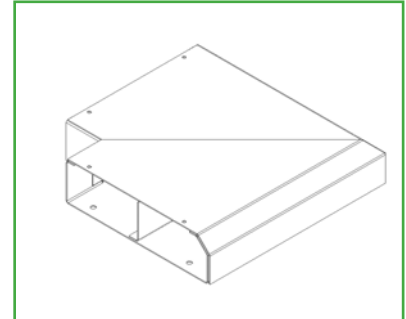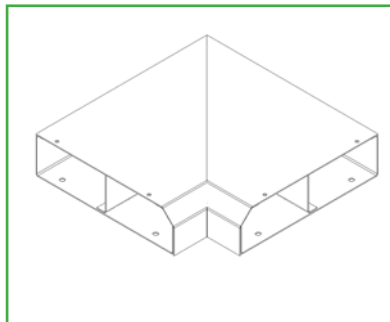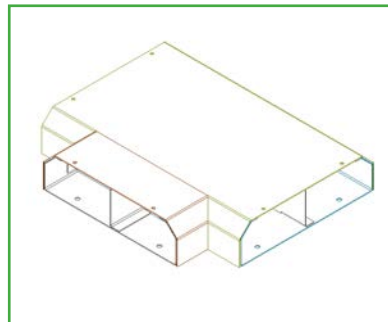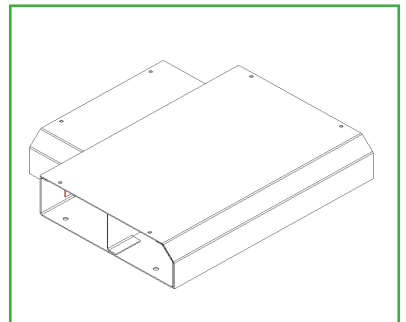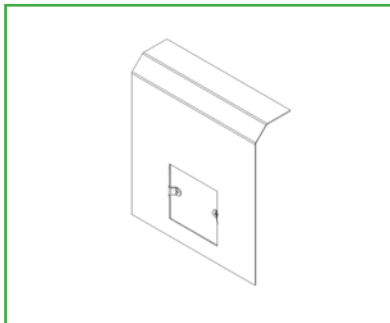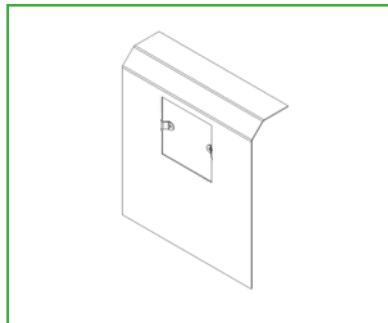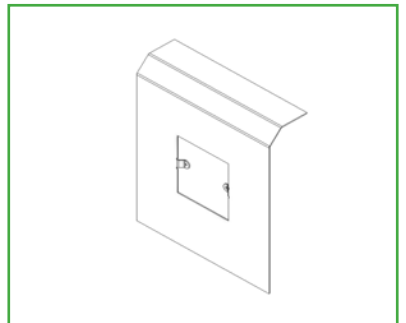
Flytec Trunking
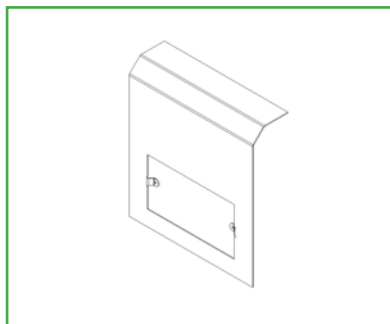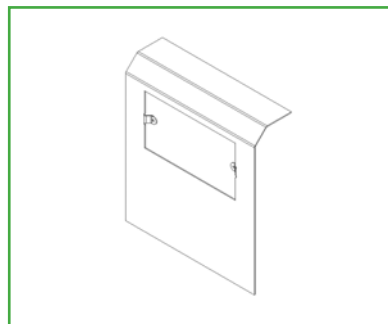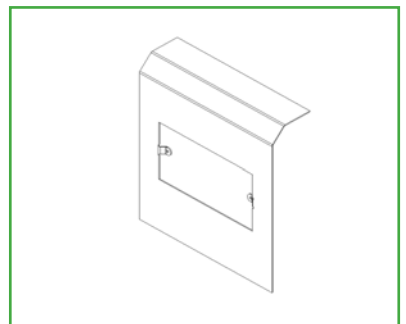
Trunking Accessories

Skirting Accessories

TF Range Socket Plates
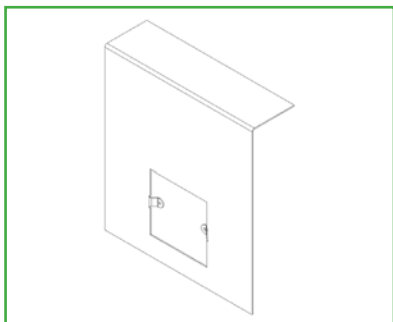
Single Socket Lid 2C Bottom
2C/SSOBTM
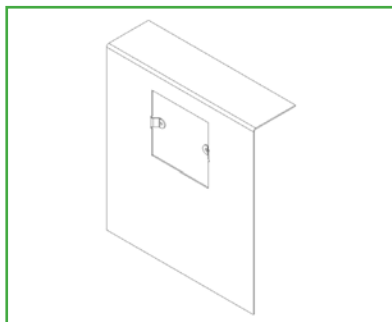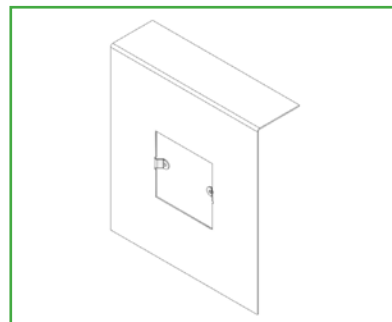
Single Socket Lid 2C Top
2C/SSOTOP

Single Socket Lid 3C
3C/SSO
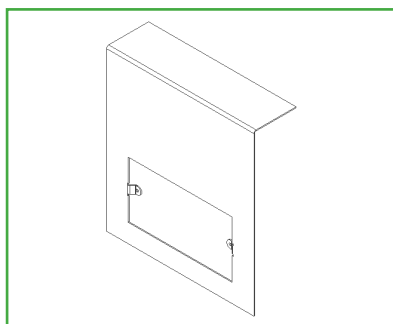
Twin Socket Lid 2C Bottom
2C/TSOBTM
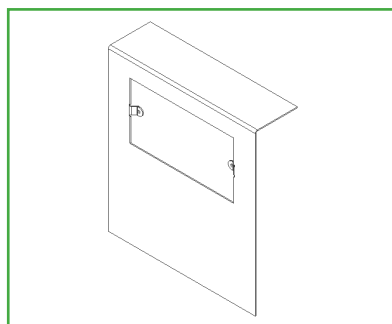
Twin Socket Lid 2C Top
2C/TSOTOP
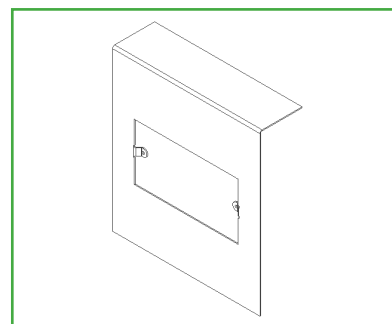
TwinSocket Lid 3C
3C/TSO

How to order guide:

Accessory part numbers are the same for all styles of skirting and dado. It is the trunking part number pre-fixed before the accessory that ensures you get the correct item

For example: A twin socket outlet lid for 200mm x 50mm, 3 compartment flat top skirting. Take trunking reference **TF82/3C** + accessory part number **TSO** to give **TF82/3C/TSO** or **TF82** + accessory part number **EC/LH** to give **TF82/EC/LH**

Factory Manufactured Sets

· Pier sets and off sets can be pre-made, therefore minimising labour costs.

| End cap left hand | **EC/LH** |

| End cap righthand | **EC/RH** |

| Back Box (Single) | **SS/SB** |
| Back Box (Twin) | **TS/SB** |

Dado Trunking

Atkore™
Unistrut

Dado Trunking is supplied in 2 metre lengths. Manufactured to the same high quality as our skirting trunking, Dado trunking is designed to be installed around the perimeter above floor level, allowing for optimum use of floor space.

Features:

- Chamfer Top, Flat Top or Double Chamfer Dado options are available as standard

- 20mm knockouts in the partition at the 250mm centres, allowing easy positioning of outlet plates, which require screening via the steel back box that fixes to the partition

- Other powder coated finishes are available

- 2 or 3 compartments are most commonly used. However, systems to suit client's individual requirements can be manufactured

150mm x 50mm SD62/2C

2 Compartment, top 50mm – bottom 100mm

200mm x 50mm SD82/3C

3 Compartment, top 50mm, centre 100mm bottom 50mm

150mm x 50mm CD62/2C

2 Compartment, top 50mm – bottom 100mm

200mm x 50mm CD82/3C

3 Comp, top 50mm, centre 100mm & bottom 50mm

Flytec Trunking

Dado Trunking

Dado Trunking - DCD Range
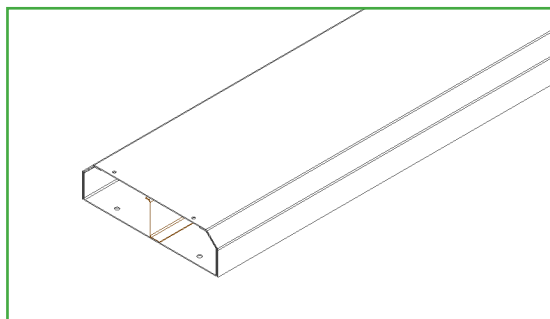
100mm x 100 mm   **DCD/82/2C**

2 Compartment, top 100mm, bottom 100mm
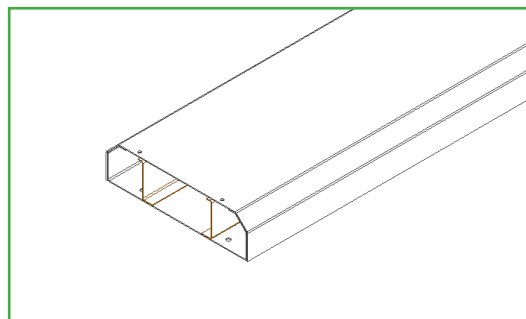
200mm x 50 mm   **DCD/82/3C**

3 Compartment, top 50mm, centre 100mm, bottom 50mm

How to order guide:

Accessory part numbers are the same for all styles of skirting and dado. It is the trunking part number pre-fixed before the accessory that ensures you get the correct item.

For example:

- An external bend for 200mm x 50mm, 2 compartment double chamfer dado

- Take trunking reference **DCD82/2C** + accessory part number **ESB** to give **DCD82/2C/ESB**
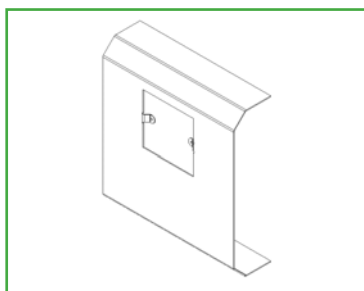
Single Socket Lid 2C
2C/SSO
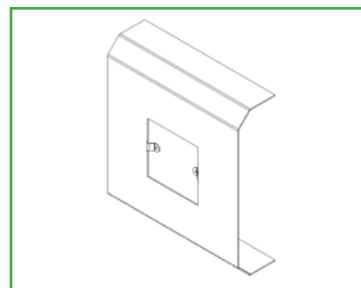
Single Socket Lid 3C
3C/SSO
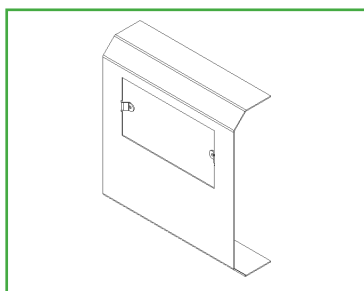
Twin Socket Lid 2C
2C/TSO
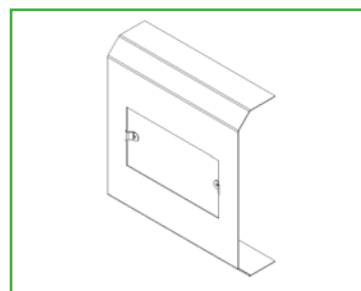
Twin Socket Lid 3C
3C/TSO

Please note: The socket lids above show images for **DCD** Dado Trunking as an example.

Flytec Trunking

Dado Trunking
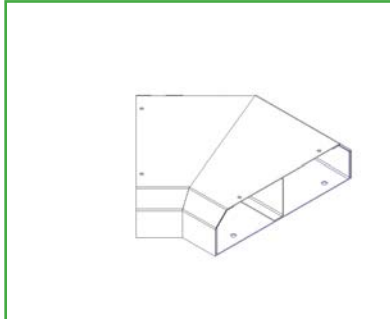
45° Flat Bend   **FB**
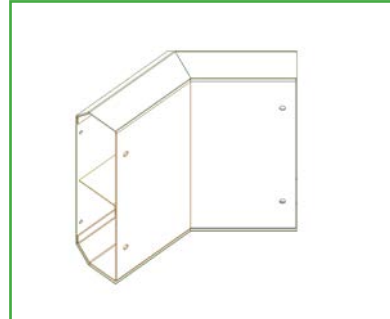
45° External Bend   **EB**
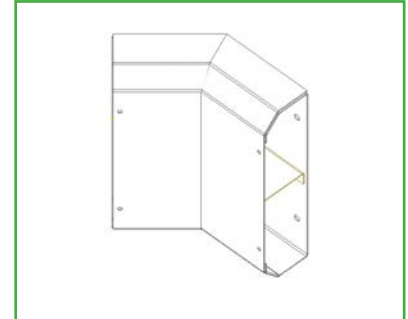
45° Internal Bend   **IB**
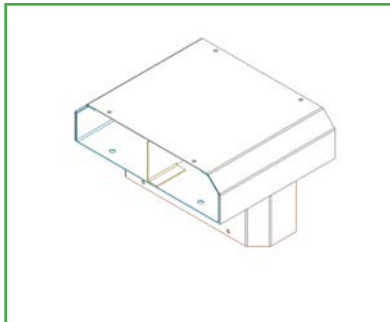
External Tee   **EST**
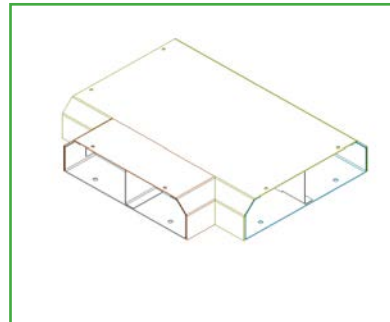
Flat tee   **FST**
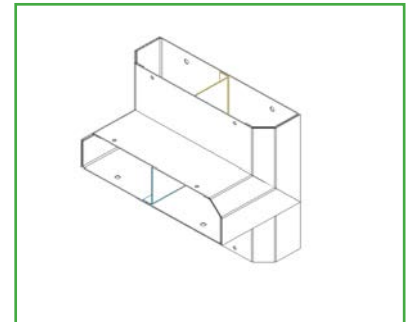
Internal Tee   **IST**
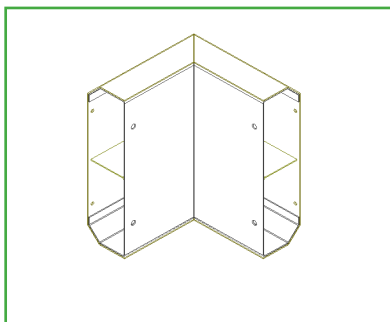
90° External Bend Square   **ESB**
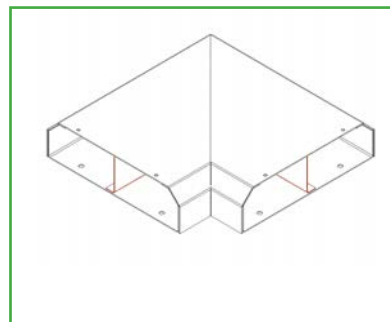
90° Flat Bend Square   **FSB**
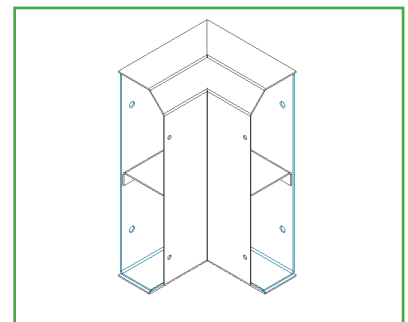
90° Internal Bend Square   **ISB**
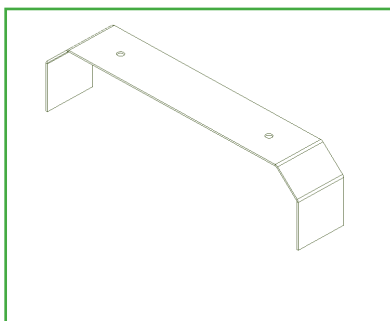
Cover Strap   **LC**
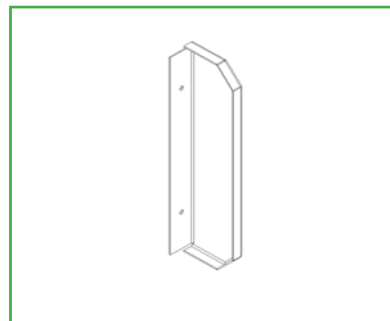
End Cap   **EC**

Please note: The accessories above show images for **DCD** Dado Trunking as an example.

To order **SD** or **CD** Dado Trunking, add '**SD**' or '**CD**' to the start of the part code.

For example, **SD** + size **62** + 2 compartment **2C** + 90° Internal Bend **ISB** to give **SD62/2C/ISB**

Flytec Trunking

Bench Trunking

Flytec Bench Trunking is supplied in 2 metre lengths.

It comprises of a single compartment angled body with a powder-coated lid, with the colour white as standard. Each length and accessory is supplied with an internal connector.

This easy to install system offers a practical solution to provide services on benches and desks, commonly used in laboratories, workshops and schools/colleges.

*Supplied complete with Cover Straps.
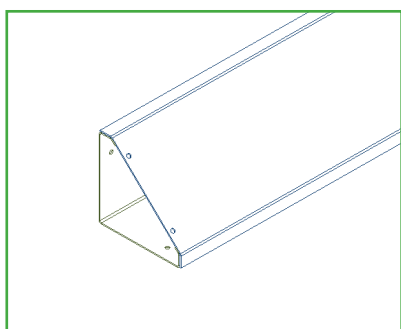
90mm x 90mm Bench Trunking **R35**	90° Internal Bend **R35/ISB**	90° External Bend **R35/ESB**
Stop End **R35/EC**	Twin Socket Lid **R35/TSO**	Single Socket Lid **R35/SSO**
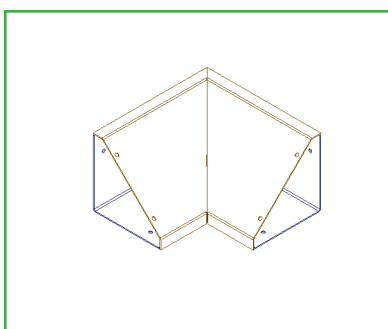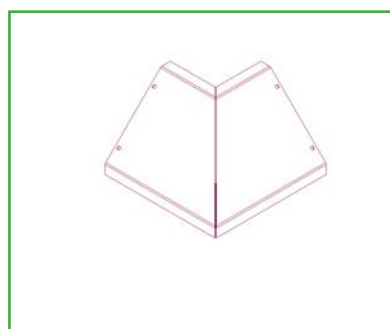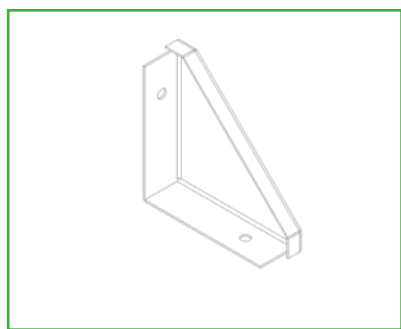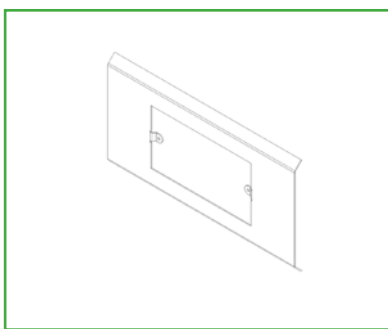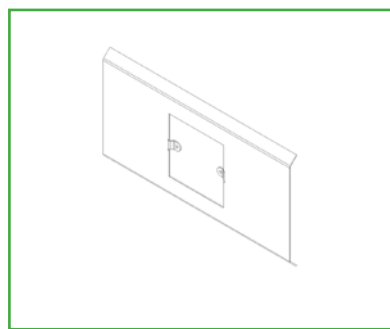
Flytec Trunking

Notes

Flytec Trunking
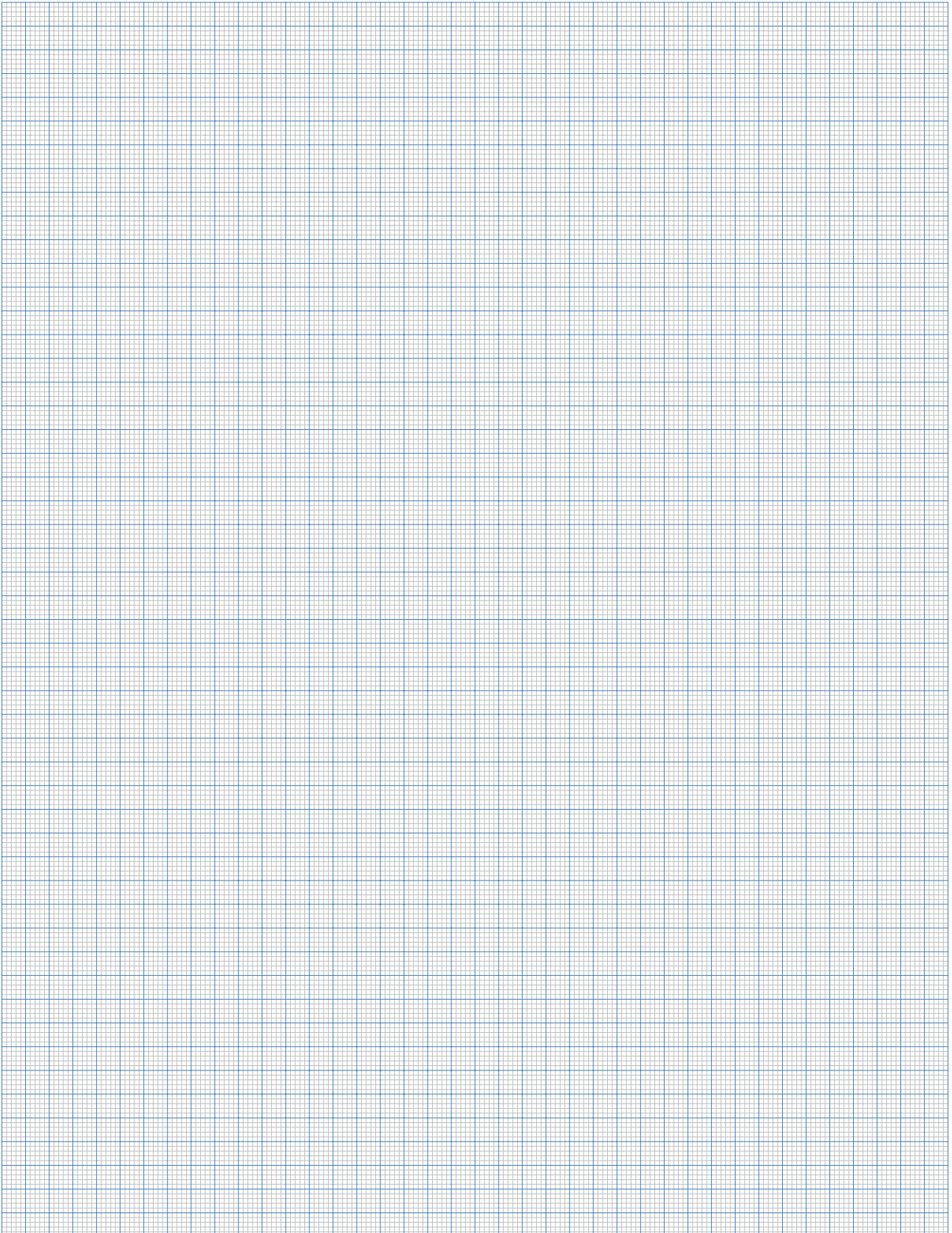
Floor Systems

Underfloor & Flush Floor Systems

FLOOR SYSTEMS CONTENTS

Flytec Trunking

Flush Floor Shallow Screeds

Flush Floor Shallow Screeds

Flush Floor Trunking body is supplied in 2 metre lengths complete with 2 x 1 metre lengths of lid secured by means of flush all steel turnbuckle fasteners. Each length of Flytec trunking is supplied with one external fitting connector.

Lids are manufactured from 3mm thick Galvanised steel. They are fully removable and may be flush or recessed by 3mm as standard. Other depths of recess can also be supplied.

It is advisable that all lid sections are fitted during screeding. This will prevent any slight inward movement to the sides of trunking body.

Atkore Unistrut recommend that Flush Floor Trunking is installed on a ribbon screed or similar to ensure support along the entire length and width of the system.

D1 – Flush Screeds

| 150mm x 38mm | D1/615/2C |
| 150mm x 50mm | D1/62/2C |

| 228mm x 38mm | D1/915/3C |
| 228mm x 50mm | D1/92/2C |

D2 – Recessed Screed

| 150mm x 38mm | D2/615/2C |
| 150mm x 50mm | D2/62/2C |

| 228mm x 38mm | D2/915/3C |
| 228mm x 50mm | D2/92/2C |

How to order Flush Floor Trunking guide:

·   To order Flush Floor Trunking, simply select the trunking (**D1** or **D2**), the size (see table below), and the compartment **2C** or **3C**

For example:

·   D1 trunking, size 6x1 with 2 Compartments
·   Take trunking reference **D1** + size **61** + 2 compartment **2C** to give **D1/61/2C**

Flush Floor Size Guide		
61 (6X1)	615 (6X1.5)	62 (6X2)
91 (9X1)	915 (9X1.5)	92 (9X2)
121 (12X1)	1215 (12X1.5)	122 (12X2)

Flytec Trunking

Flush Floor Shallow Screeds

Service outlet boxes are available for shallow screed trunking.

- The underside of the box must be set lower into the floor to enable cables to pass under the socket outlet plates whilst maintaining lids to finish level with screed

- Carpet trim and lid assembly are manufactured in a tough plastic moulding which has two individual hinged cable outlets in dark grey

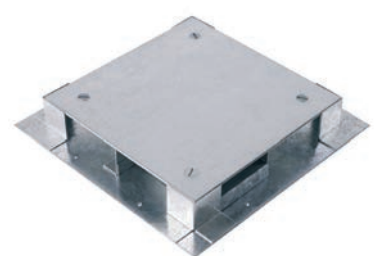- The lid is reinforced by a 3mm steel plate.

- Carpet recess is 6mm

*Refer to page 161 for service boxes
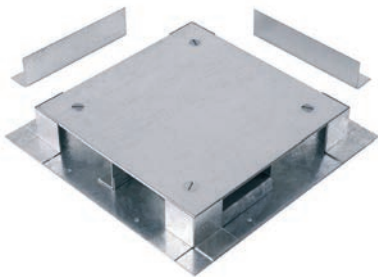
Angle Junction Box **ASL**	Tee Junction Box **AST**	Crossover Junction Box **ASX**
Riser Bend **ISB**	Riser Bend (back entry) **ISB/BE**	Stop End **EC**
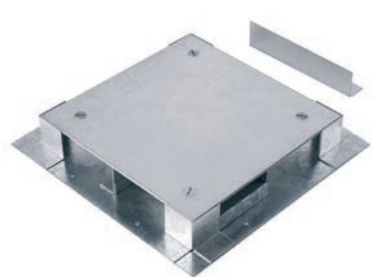
Flat Bends & Tees are available on request. Contact the team for more information.

How to order Flush Floor Trunking Accessories guide:

- To order Flush Floor Trunking Accessories or Junction Boxes, select the trunking (**D1** or **D2**), the size (see table on page 158), the compartment **2C** or **3C** and the accessory part code

For example:

- **D1** Riser Bend size 6x1 with 2 Compartments
- Take trunking reference **D1** + size **61** + 2 compartment **2C** + **–ISB** to give **D1/61/2C–ISB**

Flush Floor Shallow Screeds

Flush Floor Service Boxes
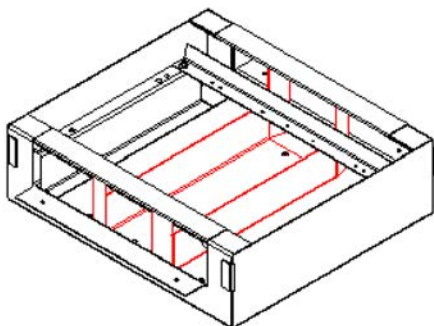
3/3 – 3 Compartment Service Box to suit 3 Compartment Trunking
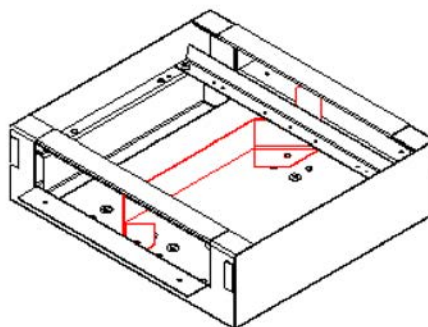
3/2 – 3 Compartment Service Box to suit 2 Compartment Trunking
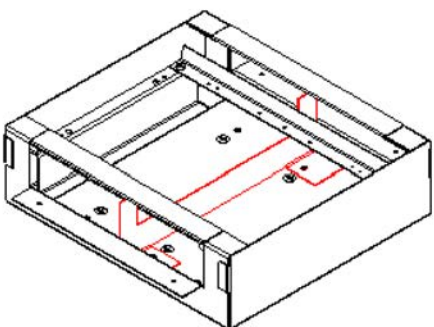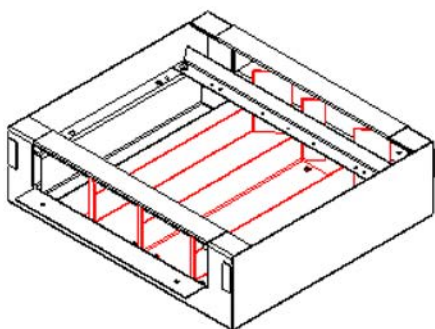

4/2 – 4 Compartment Service Box to suit 2 Compartment Trunking
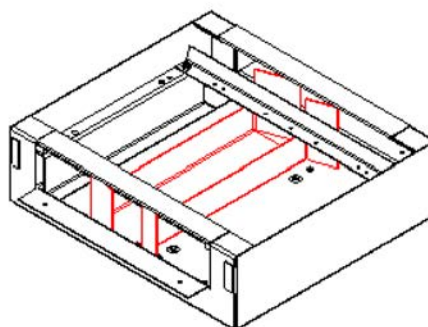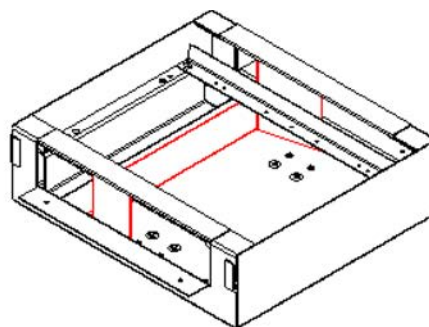

4/3OC* – 4 Compartment Service Box to suit 3 Compartment Trunking

*OC = Off Centre

4/4 – 4 Compartment Service Box to suit 4 Compartment Trunking

4/20C* – 4 Compartment Service Box to suit 2 Compartment Trunking

*OC = Off Centre

*All sockets or variation of plates can be supplied on request.

Flytec Trunking

Flush Floor Shallow Screeds

How to order Flush Floor Services Boxes guide:

- To order Flush Floor Service Boxes, select the trunking (**D1** or **D2**), the size (see table below), and the Service Box part code

For example:

- D1 3/2 Service Box in size 6x1
- Take trunking reference **D1** + size **61SB** + **– 3/2** to give **D1/61SB–3/2**

Flush Floor D1 & D2 Service Boxes	
Trunking Style	**Sizes**
D1 or D2	61SB
D1 or D2	91SB
D1 or D2	121SB
D1 or D2	615SB
D1 or D2	915SB
D1 or D2	1215SB
D1 or D2	62SB
D1 or D2	92SB
D1 or D2	122SB

Service Boxes
3/2
3/3
4/2
4/2OC
4/3OC
4/4

Flush Floor Size Guide		
61 (6X1)	615 (6X1.5)	62 (6X2)
91 (9X1)	915 (9X1.5)	92 (9X2)
121 (12X1)	1215 (12X1.5)	122 (12X2)

D6 Flush Floor Trunking Service Outlet Systems

D6 Flush Floor Trunking

Flytec's flush floor trunking is supplied in 2 metre lengths, including 400mm lengths of removable lid which are interchangeable with a service outlet box, thus giving the designer flexibility of positioning within a screeded floor installation.

Flytec lids that are manufactured from 3mm thick Galvanised Steel are fixed to the trunking body by countersunk zinc plated steel turnbuckle fastners, providing speed of fitting by the installer and maximum rigidity of the finished product.

Key Features

- Available in two or three compartments

- It is advisable that all lid sections are fitted during screeding. This will prevent any slight inward movement to the sides of trunking body

The Flush Floor Trunking is installed on a ribbon screed or similar to ensure support along the entire length and width of the system.
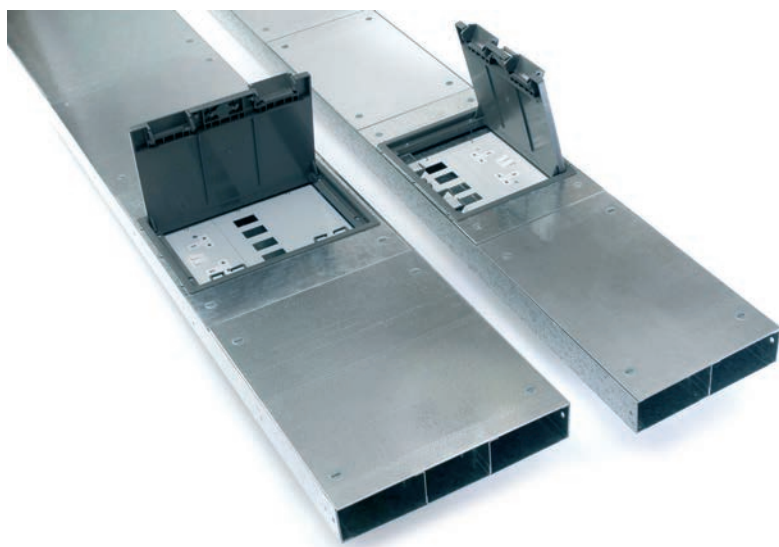
How to order D6 Flush Floor Trunking & Accessories guide:

- To order D6 Flush Floor Trunking, select the trunking and the compartment (see table below)
- For accessories, simply add the accessory part number to the end of the code

For example:

- D6 2 Compartment Trunking
- Take trunking reference **D6/C** + 2 compartment **15** to give **D6/C/15**

- D6 Riser Bend 2 Compartment Trunking
- Take trunking reference **D6/C** + 2 compartment **15** + **ISB** to give **D6/C/15/ISB**

D6 Flush Floor Guide	
15	2 Compartment
16	3 Compartment

Flytec Trunking

D6 Flush Floor Trunking & Accessories

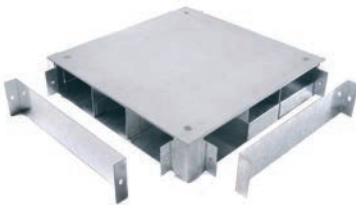2 Compartment Size 235mm x 65mm **D6/C/15**

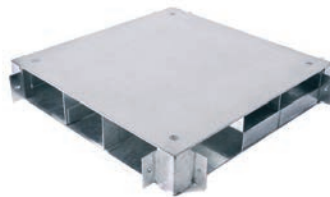3 Compartment Size 330mm x 65m **D6/C/16**

D6 Flush Floor Trunking Accessories

Angle Junton Box **ASL**

Crossover Junction Box **ASX**

Tee Junction Box **AST**

Riser Bend (back entry) **ISB/BE**

Riser Bend **ISB**

Stop End **EC**

Flytec Trunking

D6 Flush Floor Trunking

Flush Floor Service Outlet Boxes

Two Compartment Service Box

- 2 compartment service box designed to fit into the trunking anywhere along the system layout excluding junction points

- Please refer to Page 171 for Service Box Plates (not included)

Two Compartment Service Box   D6/C/15/SB

Three Compartment Service Box

- 3 compartment service box designed to fit into the trunking anywhere along the system layout excluding junction points

- All sockets or variation of plates can be supplied on request

- Carpet trim & lid assembly manufactured in a tough plastic moulding containing two individual hinged cable outlets in dark grey

- The lid is reinforced by a 3mm steel plate and the carpet recess is 6mm

Three Compartment Service Box   D6/C/16/SB

Flytec Trunking

Underfloor Trunking

Underfloor Trunking is designed for placng on the constructional concrete slab, to be completely covered when the final floor screed is laid and the service outlet positions fixed.

- Steel Underfloor Trunking is manufactured in 2 metre lengths

- Two or three compartment are most commonly used

- Single or other numbers of compartments can also be supplied

- The trunking lengths are a total welded construction with no need to couple together loose channel sections

- Each length is joined together by a saddle clamp and plate, which prevent any ingress of screed into the duct

2 Compartment

150mm x 25mm	**E2/61**
150mm x 50mm	**E2/62**

3 Compartment

225mm x 25mm	**E3/91**
225mm x 50mm	**E3/92**

How to order Underfloor Trunking guide:

- To order Underfloor Trunking, select the trunking and the compartment (see table below)
- For accessories, see page 166

For example:

- E2 2 Compartment Trunking in size 6x1
- Take trunking reference **E2** + size **61** to give **E2/61**

Underfloor Compartment Guide	
E2	2 Compartment
E3	3 Compartment

Underfloor Size Guide		
61 (6X1)	615 (6X1.5)	62 (6X2)
91 (9X1)	915 (9X1.5)	92 (9X2)
121 (12X1)	1215 (12X1.5)	122 (12X2)

Flytec Trunking

Underfloor Trunking Accessories

Underfloor Trunking

- Junction boxes part numbers UF/JB (75mm deep as standard, other depths available)

- Junction boxes are supplied with flange couplers and blank plates to enable use as angles, tees or 4 way

- Each box is complete with Fly-Over for cable segregation

- Carpet recess is 6mm

- Please note: Junction boxes cannot be used to house sockets or data outlets
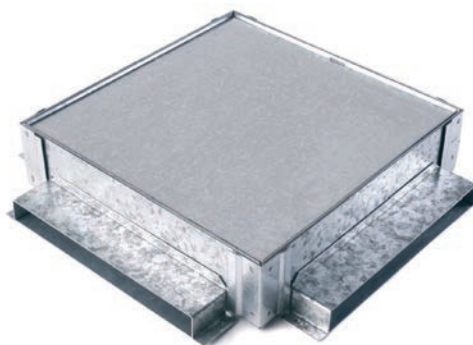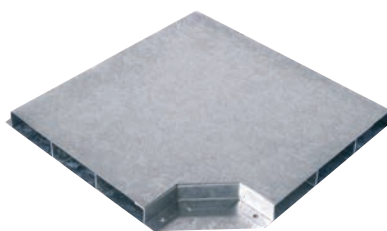
Riser Bend **ISB**	90° Flat Bend **FSB** 45° Flat Bend **FB**	Riser Bend (back entry) **ISB/BE**
End Cap **EC**	Connector Plate **Conn**	Earth Link **ES99**

How to order Underfloor Trunking Accessories guide:

- To order Underfloor Trunking Accessories, simply use the code **UF** followed by the size (see table on page 165), the compartment and the accessory part number

For example:

- Underfloor Riser Bend in size 6x1
- Take trunking reference **UF** + size **61** + 2 Compartment **2C** + accessory code **ISB** to give **UF/61/2C/ISB**

Underfloor Trunking Accessories

Three Compartment Service Box

- 75mm deep as standard, other depths available on request

- Additional sockets or a variation of plates can be supplied on request

- Carpet trim and lid assembly manufactured in a tough plastic moulding which has two individual hinged cable outlets in dark grey

- The lid is reinforced by a 3mm steel plate

- Carpet recess is 6mm.

- Socket plates sold separately, see page 171

How to order Underfloor Services Boxes guide:

- To order Underfloor Service Boxes, use code **UF**, the size (see table below), and the Service Box part code

For example:

- Underfloor 3/2 Service Box in size 6x1
- Take **UF** + size **61SB** + **-3/2** to give **UF/61SB-3/2**

Service Box Ordering Guide	
Part Code	**Sizes**
UF	61SB
UF	91SB
UF	121SB
UF	615SB
UF	915SB
UF	1215SB
UF	62SB
UF	92SB
UF	122SB

Service Boxes
3/2
3/3
4/2
4/2OC
4/3OC
4/4

Underfloor Size Guide		
61 (6X1)	615 (6X1.5)	62 (6X2)
91 (9X1)	915 (9X1.5)	92 (9X2)
121 (12X1)	1215 (12X1.5)	122 (12X2)

Flytec Trunking

Chequer Plate Trunking

Chequer Plate Trunking & Accessories

When a Flush Floor Trunking is required in an area where excessive loads will be transported such as a warehouse or industrialenvironment, Atkore Unistrut manufacture a robust steel trunking body fitted with a 6mm thick chequer plate lid fixed into place by M6 countersunk screws.

It is recommend that Flush Floor Trunking is installed on a ribbon screed or similar to ensure support along the entire length and width of the system.

It is advisable that all lid sections are fitted during screeding. This will prevent any slight inward movement to the sides of the trunking body.

Single or multi-compartment options are available with a range of accessories, including:

· Riser Bend
· Stop End
· Flat Bend
· Tee
· Crossover

*Service boxes are not available with chequer plate trunking

Flytec Trunking

Service Outlet Boxes

Service Outlet Boxes

- For screed or raise floor applications
- Available in 2, 3 or 4 compartments
- Outer box with 20mm and 25 mm knockouts of two sides
- Standard box depth is 75mm, other sizes are available
- A wide range of outlet plates to carry voice, data and power sockets
- Available with a dark grey carpet trim fitted as standard or a stainless steel trim
- Deep lid recess boxes can be manufactured to accommodate stone, marble or timber infill

Flytec Trunking

Atkore™ Unistrut

Service Outlet Boxes

Three compartment service box	CAV/3 SCD/3

Four compartment service box	CAV/4 SCD/4

3 Compartment Box (Raised Floor)

- Floor cut-out size 304mm x 221mm
- Socket Plates sold separately, see page 171

4 Compartment Box (Raised Floor)

- Floor cut-out size is 204mm x 221mm
- Socket Plates sold separately
- Only panel-mounted accessories will fit into 4 box compartment boxes

Part Number Guide

Part Number	Description
CAV/3/60	CAVITY 3C 60MM DEEP SERV. BOX
CAV/3/65	CAVITY 3C 65MM DEEP SERV. BOX
CAV/3/75	CAVITY 3C 75MM DEEP SERV. BOX
CAV/3/90	CAVITY 3C 90MM DEEP SERV. BOX
CAV/4/60	CAVITY 4C 60MM DEEP SERV. BOX
CAV/4/65	CAVITY 4C 65MM DEEP SERV. BOX
CAV/4/75	CAVITY 4C 75MM DEEP SERV. BOX
CAV/4/90	CAVITY 4C 90MM DEEP SERV. BOX
SCD/3/60	SCREED 3C 60MM DEEP SERV. BOX
SCD/3/65	SCREED 3C 65MM DEEP SERV. BOX
SCD/3/75	SCREED 3C 75MM DEEP SERV. BOX
SCD/3/90	SCREED 3C 90MM DEEP SERV. BOX
SCD/4/60	SCREED 4C 60MM DEEP SERV. BOX
SCD/4/65	SCREED 4C 65MM DEEP SERV. BOX
SCD/4/75	SCREED 4C 75MM DEEP SERV. BOX
SCD/4/90	SCREED 4C 90MM DEEP SERV. BOX

Flytec Trunking

Service Box Plates

3 Compartment Box (Raised Floor)

- Service Box Plates are supplied with 2 x M3.5X6.5 Pozi-Pan Self Tapper BZP screws
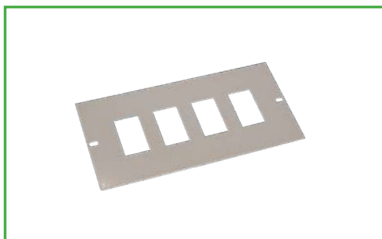- Supplied in RAL7035 Semi-Gloss as standard (Light Grey)

Panel Mounted Twin Cutout
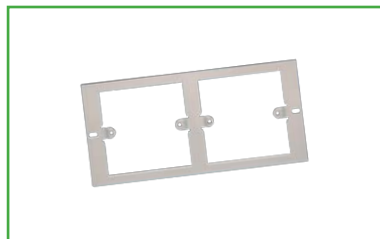**1TS/CT/3C** (plate only)
1TS/CT/SKT/3C (with socket)

Wandsworth Panel Mounted Twin Cutout 60mm
1TS/WW/3C (plate only)
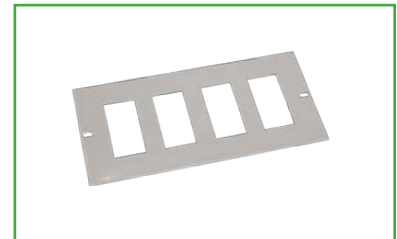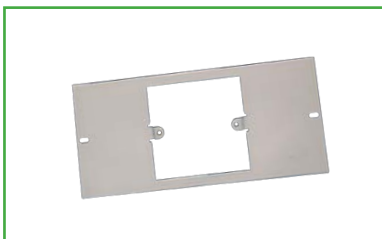**1TS/WW/SKT/3C** (with socket)
*Shallow box only
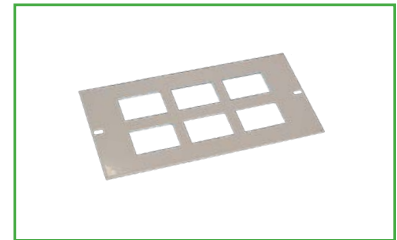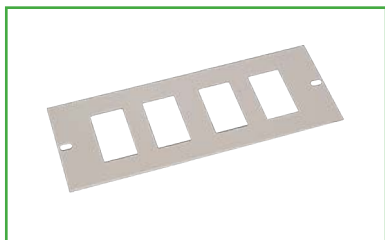
6 Way RJ45
6RJ45/3C (37mm x 22mm)

4 RJ45 Cutouts
4RJ45/3C (37mm x 22mm)

Dual Single Socket Cutouts
2SS/3C (data only)

4 RJ45 Cutouts
4RJ45/3C/EU (25mm x 50mm)

Single Socket Cutout
1SS/3C (data only)
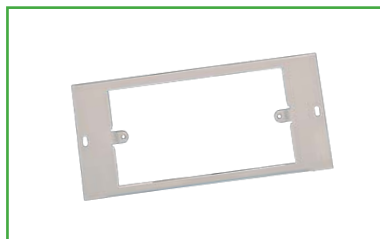
Twin Socket Cutout
1TS/SM/3C (plate only)

3 Compartment Blank Plate
BL/3C (37mm x 22mm)

Flytec Trunking

4 Compartment Box Plates

Panel Mounted Twin Cutout
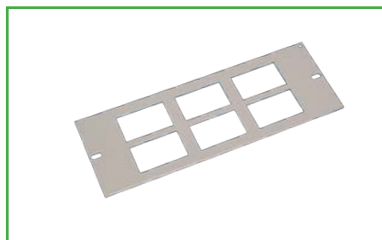**1TS/CT/4C** (plate only)
1TS/CT/SKT/4C (with socket)

Wandsworth Panel Mounted Twin Cutout 60mm
1TS/WW/4C (plate only)
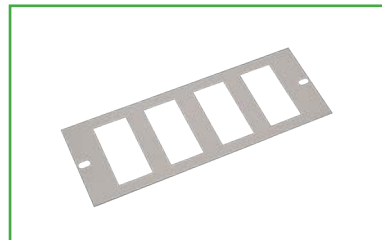**1TS/WW/SKT/4C** (with socket)
*Shallow box only

Blank Plate
BL/4C

4 off RJ45 Cutouts
4RJ45/4C
(cutout size 37mm x 22mm)

6 Way RJ45
6RJ45/4C
(cutout size 37mm x 22mm)

4 off RJ45 Cutouts
4RJ45/4C/EU
(cutout size 25mm x 50mm)

Flytec Trunking

Notes

0.5 cm x 0.5 cm

Flytec Trunking

Lighting Trunking

Galvanised & White Lighting Trunking

LIGHTING TRUNKING CONTENTS

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Galvanised Lighting Trunking	176
White Lighting Trunking	178

Flytec Trunking

Atkore™
Unistrut

Lighting Trunking – Galvanised

- Lighting trunking 50 mm x 50 mm is available in 3, 4 or 5 metre lengths

- The trunking may be fixed directly to the ceiling or suspended by hanging brackets

- Lids in 2 metre lengths can be supplied in galvanised or white PVC material

- Long connectors fixed internally between trunking lengths provide strengths & rigidity through the trunking run

	50mm x 50mm
5 metre length	FLT22/5
4 metre length	FLT22/4
3 metre length	FLT22/3

Galvanised Lid — FLT/LID/G

Internal Bend	FLT/ISB
External Bend	FLT/ESB
Flat Bend	FLT/ESB
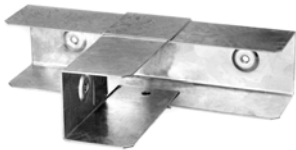
Internal Tee	FLT/IST
External Tee	FLT/EST
Flat Tee	FLT/FST
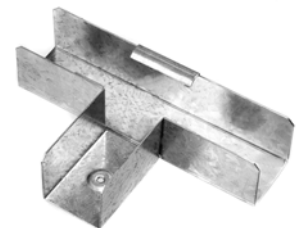
Lighting Trunking

Crossover — **FLT/CO**

Connector — **FLT/CON**

Hanger (10mm Hole) — **FLT/HC**

45° Flat Bend — **FLT/FB**

45° Internal Bend — **FLT/IB**

45° External Bend — **FLT/EB**

End Cap — **FLT/EC**
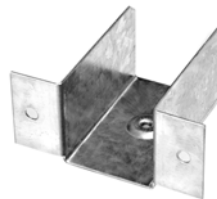
Flange — **FLT/FE**

Cable Retainer — **FLT/CS**

Girder Clamp — **FLT/GC**

Fitting Suspensions — **FLT/SK**

Flytec Trunking

Lighting Trunking - White

Lighting Trunking - White

PVC Lid   **FLT/LID**

Flat Bend   **FLT/FSB/W**

Internal Bend   **FLT/ISB/W**

External Bend   **FLT/ESB/W**

Flat Tee   **FLT/FST/W**

Flat Tee   **FLT/FST/W**

External Tee   **FLT/EST/W**

Crossover   **FLT/CO/W**

50mm x 50mm

5 metre length	**FLT22/5/W**
4 metre length	**FLT22/4/W**
3 metre length	**FLT22/3/W**

Lighting Trunking - White

Hanger   FLT/HC/W

45° Internal Bend   FLT/IB/W

45° External Bend   FLT/EB/W

45° Flat Bend   FLT/FB/W

End Cap   FLT/EC/W

Flange   FLT/FE/W

Girder Clamp   FLT/GC/W

- Lighting trunking can also be supplied in white polyester powder coating, this greatly enhances the aesthetic value of an exposed lighting layout

- White lighting trunking is supplied in 3, 4 and 5 metre lengths

- Lids and connectors must be ordered separately with lighting trunking

- Minimum order quantities apply

Flytec Trunking

Pedestal Boxes

One & Two Gang Pedestal Boxes

PEDESTAL BOXES CONTENTS

Flytec Trunking

Pedestal Boxes

Pedestal Boxes

Pedestal Boxes are available with one or two gang apertures, single or double sided designed for mounting onto floors or benches. Ideal for use within schools, laboratories and workshops.

Robustly constructed from sheet steel, finished polyester powder coated white as standard.
Other colours are available on requests.

Single Gang E1010	Two Gang E1012
Double Sided One Gang E1016	Double Sided Two Gang E1014

Modular & Pre Fabricated

Off-Site Construction and Pre Fabricated Solutions

Pre Fabricated & Modular

Pre Fabricated & Modular Systems

Atkore Unistrut & Marco offer a wide range of expertise and services to supply custom solutions to suit the needs of any project.

The complete bespoke solution from Atkore Unistrut & Marco

We understand the challenges that modern infrastructure projects create. It's often the case that an off-the-shelf solution is unable to answer all of your needs and requirements, especially when there are specific location, timing, or environmental issues to consider.

In these situations a bespoke solution can offer you the durability and flexibility you need to successfully deliver your project.

Atkore Unistrut & Marco's Pre Fabricated framing service specialises in solving complex framing issues. The ability to assess, design, build and support bespoke framing systems has proven to be invaluable on a variety of major projects.

Working with a wide range of industries

Atkore Unistrut & Marco's products help to support the infrastructure that is vital to modern industry and commerce. The product range can be seen in over 50 industry sectors where expertise and reliability are vital to success.

Atkore Unisturt & Marco's team of framing experts design and deliver projects that keep industry functioning, from the petrochemical sector to transportation, from the oil and gas industry through to the latest developments in high-tech Data Centres.

Oil and Gas   Rail   Petrochemical   Aviation   Data Centres   Nuclear

Modular

Trapeze & H Frames

Multi-Service support for mechanical, electrical and ventilation

Fully Specified

Each threaded rod unit can be supplied to the clients specific requirements, ensuring that every job is met with accurate and ready to install modules. Specific dimensions on the size of channel used and the diameter of the threaded rod can be specified to Atkore Unistrut upon enquiry.

Multiple Tiers

Each unit can be supplied as a single, or multi-tiered set, to allow for changing of configurations on-site.

Best Practice

Each trapeze frame is manufactured to Atkore Unistrut's best practice, which includes our square plate and flat washers. Atkore Unistrut ensure each unit is manufactured to comply with all applicable standards.

Application Specific

Each trapeze unit is designed to specific customer requirements, with application driven load calculations done beforehand to ensure each unit can support all on-site requirements.
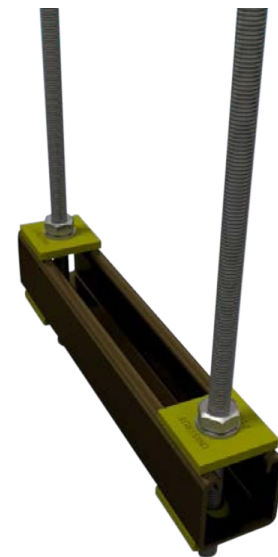
Multi-Service brackets manufactured from Atkore Unistrut, available as welded or bolted systems

Atkore Unistrut's H-Frames can be supplied in two system configurations to allow for flexibility when ordering the product. H-Frames are available as follows:

Bolted System

Atkore Unistrut's bolted system is supplied with all accessories pre-installed to the unit using nut and bolt configurations. This solution is ideal for projects where the installer may need to make small adjustments based on site requirements.

Welded System

Atkore Unistrut's welded H-frames are designed for rigidity and sustained product life. Each welded unit is supplied complete and cannot be adjusted to suit on-site requirements, as all design requirements are signed off before manufacture.

Modular

Kit Assemblies

Pre Fabricated & Modular Systems

Bespoke modular units, delivered complete & ready to install

Atkore Unistrut's kit assemblies are designed for installation on projects where multiple, repeating specifications are required, and are supplied complete, ensuring each order arrives with the exact number of components and accessories.

Benefits of kit modules include reduced waste on site, reduced time spent cutting and assembling framing, and ensuring that exact quantities are delivered each time.

Reduced time on-site
By ordering Atkore Unistrut kit modules, you can be sure each unit arrives on site, ready to install.

Reduced waste
Each unit is supplied pre-cut to exact lengths requested, ensuring no excess waste is produced on-site.

Exact quantities
Each module is delivered complete with all accessories and fittings required. This ensures no excess waste is created during installation.

Each module supplied with a single bill of materials, and handled as a single order

When kit assemblies are ordered, each is processed as a single unit, with a bill of materials being delivered to the customer for approval.

Atkore Unistrut then manage the entire process, ensuring that each kit is supplied as one single unit, rather than one order for multiple parts.

Example bill of materials for Atkore Unistrut Kit Assembly. Unit would be ordered with a unique code, for example WS1011481

Bill of Materials			
Item	Qty	Part Number	Description
1	2	P1000X1000	Plain Channel PG
2	1	P1000X2000	Plain Channel PG
3	1	P1000X1250	Plain Channel PG
4	2	P1000X2500	Plain Channel PG
5	2	P1000X600	Plain Channel PG
6	4	P2223	Double Corner Bracket
7	33	PNP12A	M12 Channel Nut
8	33	933312X30	Hex-Head Bolt
9	33	125M12	Washer
		Order Code	WS1011481

2D Modules

2D Modules to support multiple services supplying mechanical and electrical services

Similar to our H-Frames, Atkore Unistrut 2D modules are designed, manufactured and delivered to site ready to install. Utilised in housing a large amount of containment and infrastructure, including ventilation and air conditioning units, Atkore Unistrut's 2D modules can be installed vertically and horizontally.

Vertical units can be utilised to carry service risers through high-rise builds. 2D modules are also available as bolted or welded units.

Delivered complete

Each 2D module is delivered complete, ready to install and ready to house a wide variety of services.

Quality Manufacturing

Each 2D module are manufactured to strict quality requirements, with each module tested to meet the load specification from the client.

Support
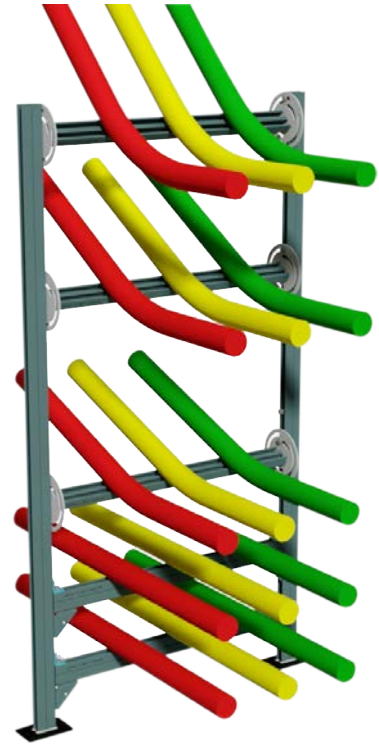
Atkore Unistrut's 2D modules are designed to carry a wide range of mechanical and electrical services and support pipework, also known as 'skids'.

Bolted or Welded Assembly

Atkore Unistrut's 2D modules are available as bolted or welded units, allowing for enhanced rigidity, or design flexibility as required.

Risers

2D modules are designed to carry service risers throughout high-rise builds.

Modular

3D Modules

Pre Fabricated & Modular Systems

Unpopulated 3D modules, designed as extensions of the 2D model, manufactured to house a wide range of electrical and mechanical services

Atkore Unistrut 3D modules are designed to house a complex series of electrical and mechanical infrastructure.

Atkore Unistrut's modular service ensures each unit is manufactured to the customers' specific requirements, and clear guidance and technical support, as well as regular updates provided throughout the manufacturing process.

Bolted or Welded Assemblies

Atkore Unistrut 3D modules can be delivered as bolted or welded units. Bolted units give the client the flexibility to alter units to suit on-site requirements, whilst welded units provide a stronger, more rigid base to house services.

Scope of work

Atkore Unistrut are able to manufacture a wide scope of 3D modules, whether the client requires a one-off design solution, or hundreds of modules. No project is the same, and Atkore Unistrut are able to offer a wide variety of flexible solutions to suit the clients' needs.

Ready to install

Atkore Unistrut 3D modules are assembled in-house at our specialist facility and delivered to site, complete and ready to install.

Flexible design service

Atkore Unistrut offer a complete design assistance service, ensuring each module is drawn and signed off before manufacture.
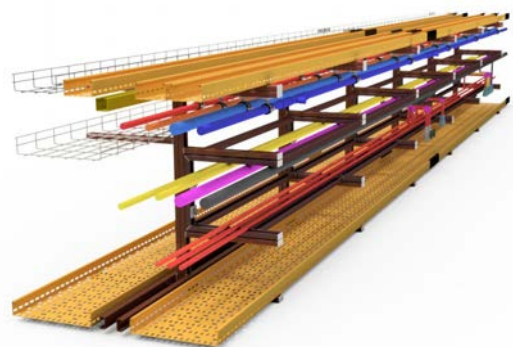
Populated Modules

Pre Fabricated & Modular Systems

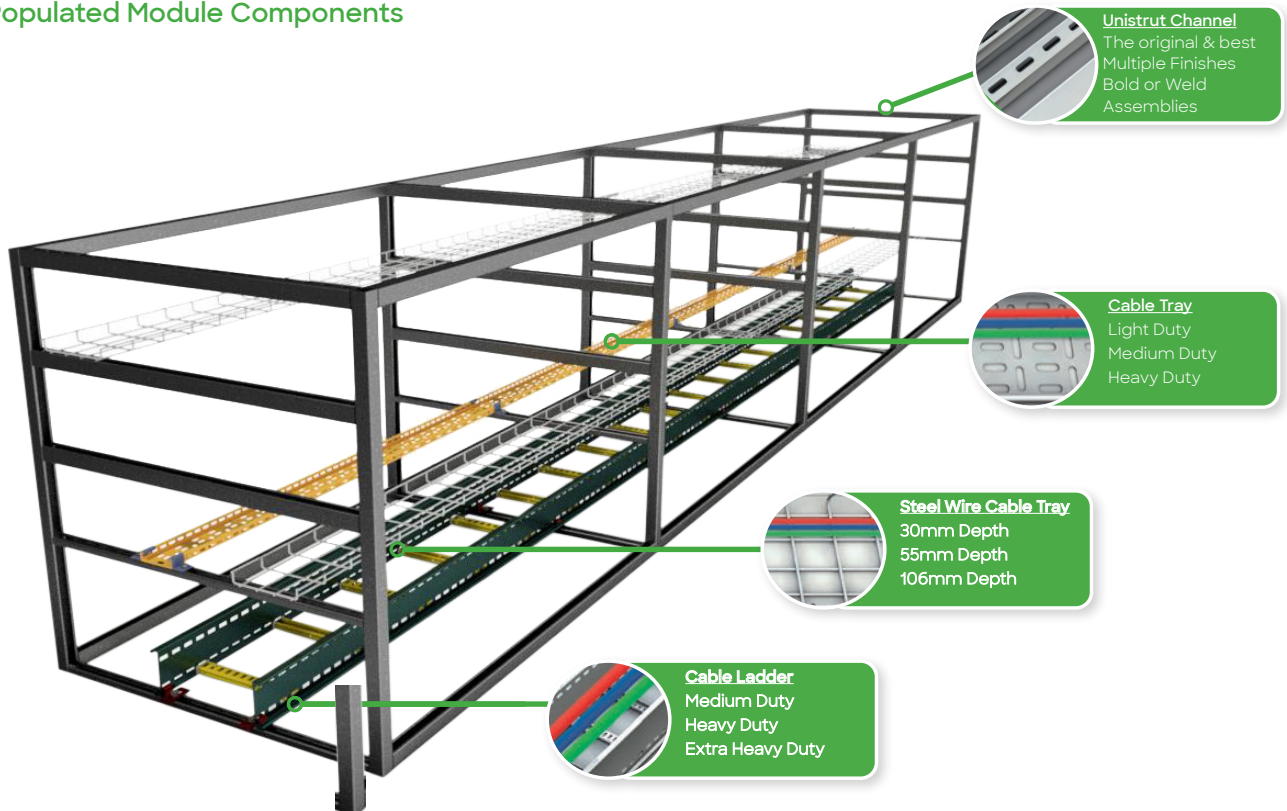### Fully populated modules with mechanical and electrical services installed.

Atkore Unistrut & Marco are also able to populate 2D and 3D modules with a number of services from our range of electrical raceway products.

This includes cable ladder, cable tray, cable trunking and Atkore Marco Steel Wire Cable Tray. These products are all installed in the modules before shipping and secured in place using a range of Atkore Unistrut fittings and accessories.

Atkore Unistrut & Marco's ability to offer fully serviced M&E modules allows us to take on a wider variety of projects, giving modular framing systems a wider application reach.

Quality assurance is integral to the manufacture of each module, with each being thoroughly checked prior to delivery, ensuring each unit is fully compliant with relevant standards and specifications.

Populated Module Components

Unistrut Channel
The original & best
Multiple Finishes
Bold or Weld
Assemblies

Cable Tray
Light Duty
Medium Duty
Heavy Duty

Steel Wire Cable Tray
30mm Depth
55mm Depth
106mm Depth

Cable Ladder
Medium Duty
Heavy Duty
Extra Heavy Duty

Modular

Technical Capabilities

Pre Fabricated & Modular Systems

Working with clients to ensure each module is supplied in line with project timetables

Atkore Unistrut are able to offer a series of technical and engineering support services for all modular products.

Product delivery is key, and important to the construction of modules. Atkore Unistrut is committed to delivering a complete service when it comes to designing and delivering modular framing systems. This enables the business to support the client throughout the entire design phase.
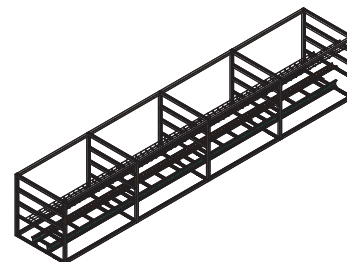
From initial enquiry Atkore Unistrut are able to offer a tailored service to meet all the customers' needs and requirements. With support and advice given through each step of the service to ensure the correct solutions are delivered first time.

Our service includes:

1. Consultation, by sitting down with the client and having an initial requirement discussion, Atkore Unistrut & Marco can begin looking at drawings and advise on what requirements need to be met for the project

2. Specification, Once specification is given, Atkore Unistrut & Marco will look at the engineering and design requirements through detailed drawings sent from the client, from this an accurate bill of materials to provide costs for producing each module can be generated.

3. Drawing Delivery & Design Freeze, Atkore Unistrut & Marco will deliver drawings and get Client approval on modular units ready to go into manufacture. Here the final decision and order is placed for the units, with customer accepting design responsibility.

4. Project Delivery & Schedule, Modules are put into manufacture in-line with clients delivery schedule, to ensure each unit required for each phase of construction is delivered on time.

5. Manufacture, Atkore Unistrut & Marco will begin manufacture of each module, ensuring quality checks are performed at each key stage. Client is updated with progress on their modules and continuous communication from the engineering and sales teams.

6. Delivery, Upon completion, Unistrut will deliver completed modules to site, ready to install as per agreed schedule.
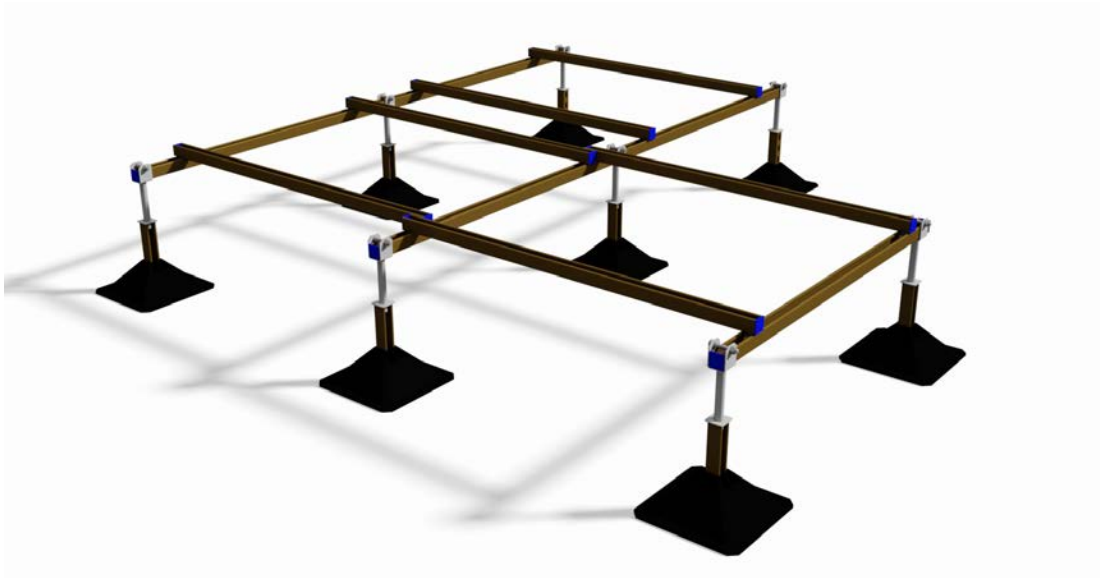
Consultation > Specification > Design > Manufacture > Support

Rooftop Support Modules

Pre Fabricated & Modular Systems

Atkore Unistrut's rooftop systems are quick to install solutions for carrying a series of rooftop services, including mechanical & electrical containment and air handling units

The Atkore Unistrut range of products have been designed to offer an economical & time saving solution for mounting building services, such as pipe work, electrical containment, air conditioning & refrigeration equipment on flat roofs.

Key Features

- Available as base units & extension units

- Height adjustable from 300 to 405mm

- Fully load tested

- Designed to support all types of rooftop services, including air handling units

- Comes in kit form for easy shipping and storage

- Easy to follow assembly instructions included

- Extender frames add on to base frame offering design flexibility

Modular

Rooftop Support Modules

Rooftop Support

Key Features

Each Uniframe module has complete installation flexibility, able to accept any length of Unistrut channel, and with adjustable height legs, Uniframe is the perfect solution for all types of rooftop support projects.
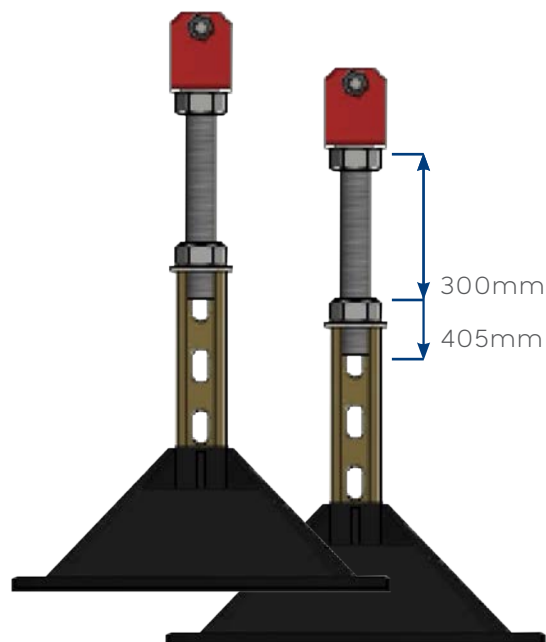
Adjustable Height

Uniframe's adjustable foot pedestal allows for unit height to be increased or decreased by over 100mm to suit on site applications.

300mm
405mm
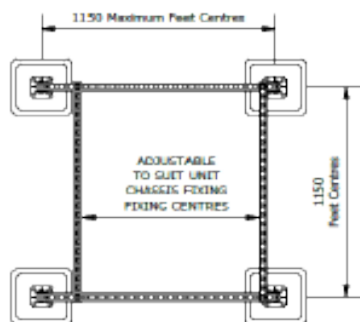
All in the box

Each component required to assemble a base or extension is supplied in the box, ready to install with all required accessories and components.

Channel you can trust

All products in the Uniframe range are assembled using Atkore Unistrut channel and supporting products, ensuring the highest quality throughout.

HD Beams

These allow load to be distributed evenly by being placed accurately, such as over existing obstacles. Each unit has adjustable height and comes complete with beam clamps.

DfMA

Atkore Unistrut & Marco are dedicated to delivering the correct solution for your project.

From single support frames to complete modular schemes, Atkore Unistrut & Marco's DfMA solutions are engineered and assessed for purpose, delivered in the highest quality product on time and to program.

DfMA can increase the quality compared to conventional methods through repeatability in production and quality control methods.

The biggest advantage is the reduction in installation time against program. Significant reduction in programme time required meets the rigorous demands of modern project timelines.

FEA

Finite Element Analysis

Atkore Unistrut & Marco's DfMA solutions all undergo Finite Element Analysis, this allows us, the manufacturer and you, the client to understand how the business' deliverable works in the real world.

DfMA has been undertaken by Atkore Unistrut & Marco in the most demanding of projects from major Infrastructure projects through Healthcare to Nuclear where long design life considerations are paramount.

Whilst modelling, constraint and loading on the the designs in an 'as built' or 'as installed' state, the business can eliminate points of failure and ensure that the design is not over engineered but engineered correctly to allow ease of installation and confidence that the solution works through the warrantied period and beyond.
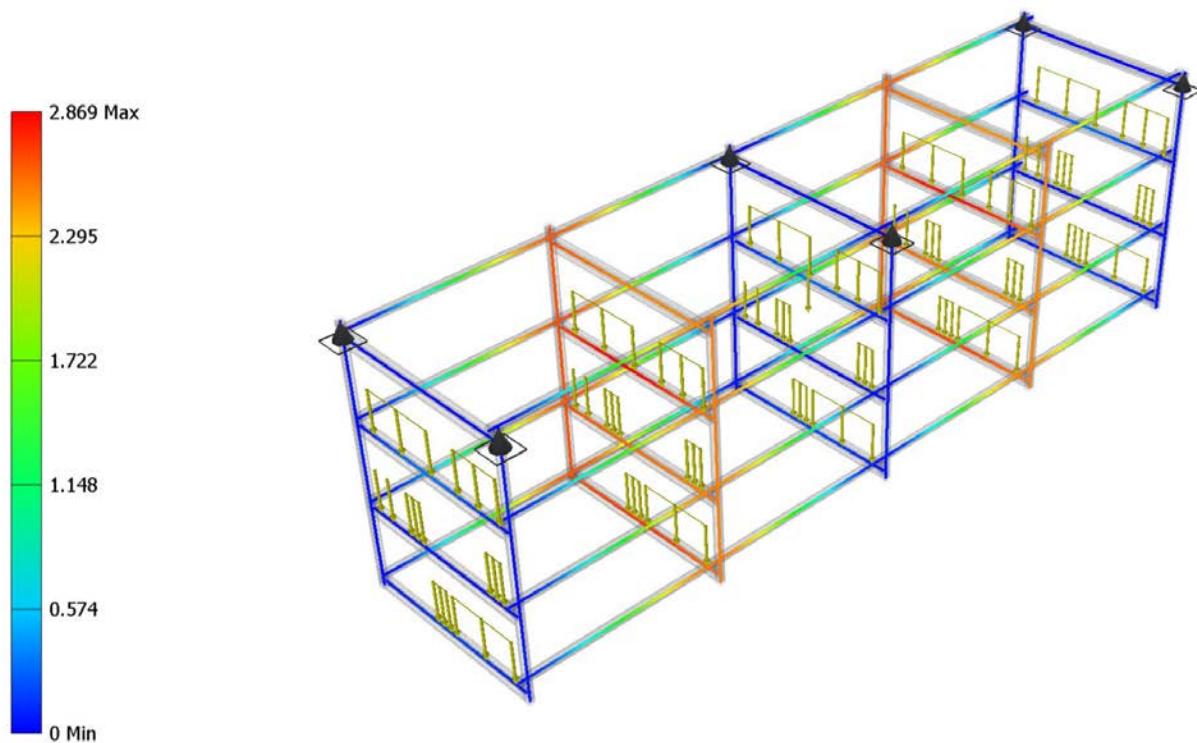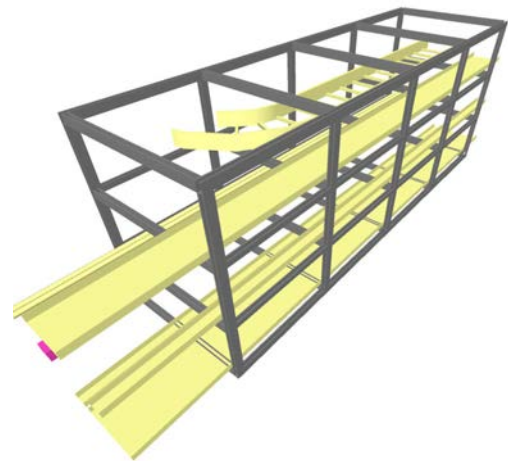
Unistrut3D Calculation Tool

The Atkore Unistrut Calculation Tool allows for design calculations aiding bracket design to support technical submissions.

The tool analyses the performance of beams or cantilever brackets when a load is applied.

The calculation tool can calculate point, distributed, moment and omni directional loads to either euro code or other design characteristics.

A long form report, heat map and graphical reports can be produced and exported providing instant results.
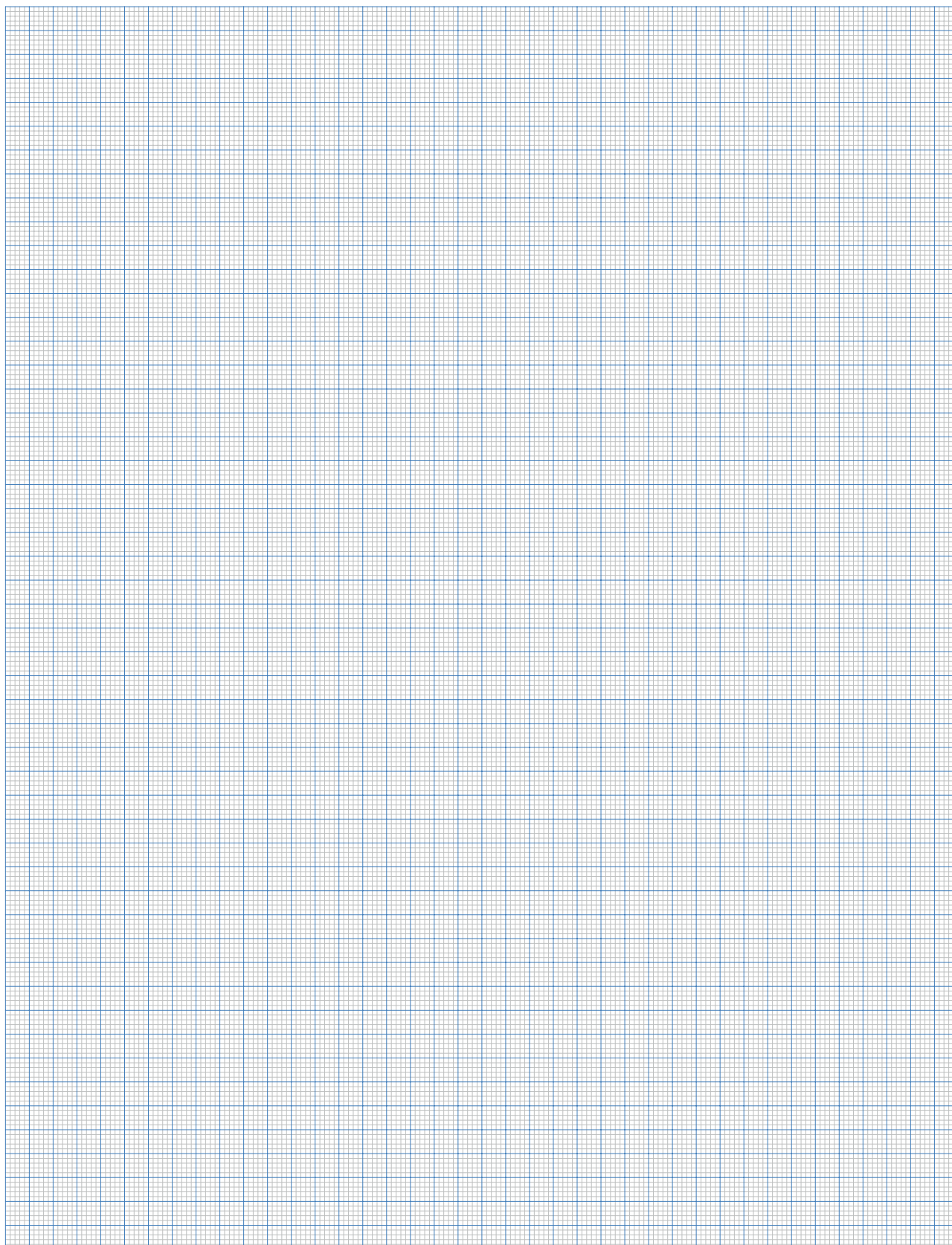
Scan the QR code
to access the
Calculation Tool

Modular
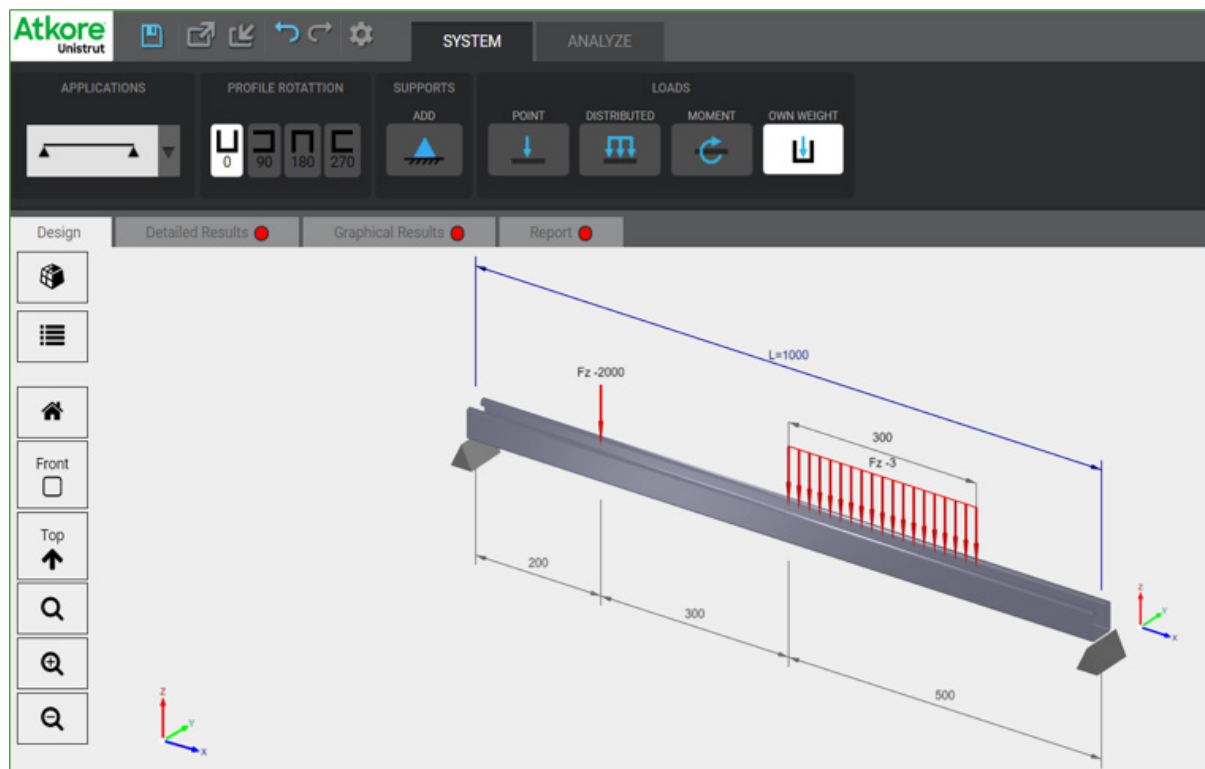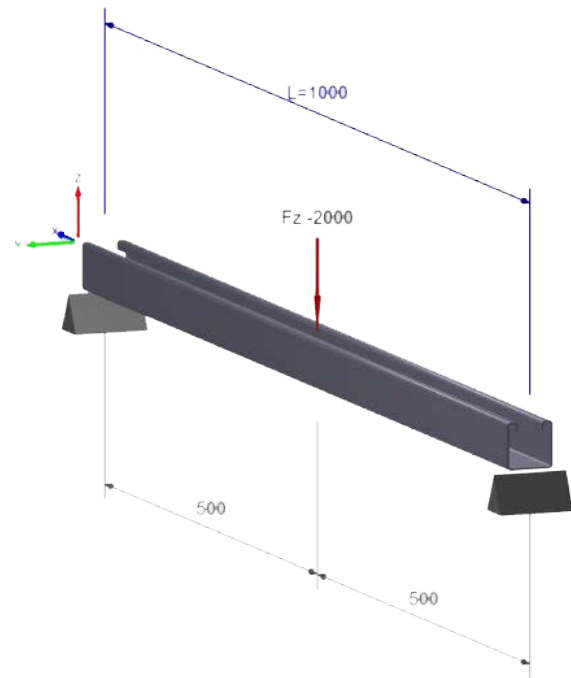
Notes

0.5 cm x 0.5 cm

Atkore Marco
Product Catalogue

Atkore™
Marco

TABLE OF CONTENTS

Atkore Marco

ABOUT ATKORE MARCO

Established in 2003, Atkore Marco has a strong reputation within the mechanical and electrical installation sectors as a supplier of high quality, durable and aesthetically-pleasing products that are both adaptable and versatile.

Through the years, the business has invested continuously in its core product range and is now able to offer a one-stop cable management solution made up to suit various specifications with products that meet the needs of almost any contract.

Atkore Marco has remained committed to its customer-first ethos and upholds its core values. Bespoke and modular specifications are welcomed and a highly experienced and knowledgeable team are always on hand to support customers with any queries.

In a sector dominated by European and Asian competitors, working with a UK business offers that all-important contact and communication where relationships are built and a bond is forged. That's why Atkore Marco has grown to become a leading supplier in its field and continues to strengthen its presence.

Quality is imperative to Atkore Marco, and all products are manufactured in accordance with ISO9001 and 14001.

Part of the Atkore Family

Marco is part of the Atkore family, and operates in partnership with Unistrut. By combining both product ranges into a single offering, Atkore Unistrut & Marco can provide a true one-stop service for all cable management and mechanical support needs.

Standards

BS EN 61537:2007, BS EN 50085-1:2005+A1:2013, BS 6701:2016+A1:2017, BS 7671:2018, ISO 45001, EN1090 CE, EN1090 UKCA, E90, ISO 9001, ISO 14001, ISO 11901-1:2003, BS EN 61534, BS EN 50085-2, IEC 6244, BS EN 1403, BS 7371-3, BS 4662, BS 4678-41982. BS EN ISO 2081 and Cenelec (EN 50173 Part 1 / 2, EN 50174-2) ANSI/TIA 568B.

WORKING WITH ATKORE MARCO

Atkore Marco has developed a reputation for industry leading customer service and is always developing new ways to make the installation of products as efficient and cost effective as possible.

In 2014, Atkore Marco introduced the MCSSC Fast-Fix coupler to Steel Wire Cable Tray accessories. The MCSSC consolidated the Fast-Fix accessory range, and all products in this range are designed to ease installation and drastically reduce time spent installing lengths.

In 2017, Marco became part of Atkore, and operates along-side Atkore Unistrut. This partnership has allowed Atkore Marco to develop a stronger line of Pre Fabricated and Modular products, with pre-cut and assembled lengths of the trunking systems which are available in almost any size.

Atkore Unistrut & Marco are proud to have one of the industry's leading customer service teams, always on-hand to advise on project requirements, product information, stock availability, lead times and deliveries.

Atkore Marco also offer technical support and advice on all products, with teams ready to answer any technical questions regarding the product portfolio.

Quality, service and trust are integral to the Atkore Unistrut & Marco business, and these principle have helped the company develop.

BUILDING BETTER TOGETHER

Atkore™
Marco

Building Information Modeling

Atkore Marco is now able to offer its uPVC trunking and Steel Wire Cable Tray products as downloadable BIM object files.

Both the uPVC and Steel Wire Cable Tray are available in a single download, with all products included, finding and installing products into a REVIT model much easier.

BIM is an ever-growing initiative, backed by the UK government, to establish new standards within the UK's construction industries. The BIM process is intended to involve all parties during the design and management phases of a project, by enabling contractors and designers to list all objects required for the build in a digital model.

As manufacturers, Atkore Unistrut & Marco are always looking for ways to meet its customers' demands, and new initiatives will see BIM being used more and more as the UK Government moves to make it the standard practice for all their new builds.

All BIM files are available from the Atkore Marco website!

BIM
Downloads

Industry-leading products, Industry-leading customer service.

Atkore Marco is committed to providing an unparalleled customer service, with dedicated account managers, always on hand to answer any queries or questions.
Atkore Unistrut & Marco's sales team is fully trained in all products and are able to offer guidance and advice to aid any query.

Work-flow and Commands

After the add-in has been installed, the REVIT ribbon bar will contain a Marco tab where Atkore Marco products can be selected.
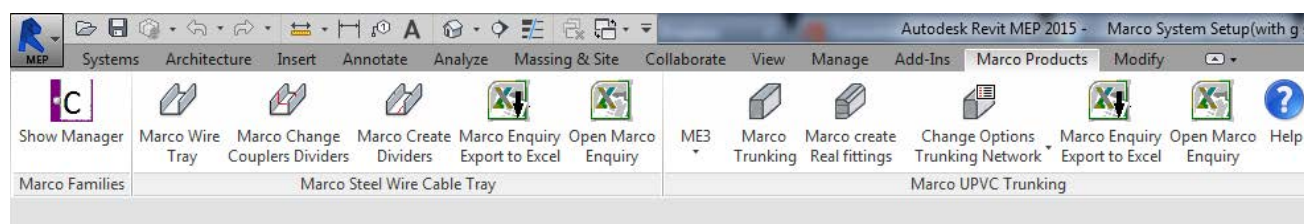
Autodesk REVIT

BIM objects are designed for use with the Autodesk REVIT software.

Installation Guides

A how-to guide is included with all of our BIM downloads. Additionally if further support is required our staff are always on hand to help.

Quick & Easy Quotation

BIM downloads allow you to produce an automatic bill of quantities, ensuring an easier and quicker quote turnaround.

Instant Enquiries

Export objects direct to a predefined template, which open directly into Excel.

Project Specification

Full Project Support from Atkore Marco

Atkore Marco continues to consolidate the position as a top supplier of cable containment to a wide range of industries. Over the years the business has supplied its products to a number of jobs which has required strict specification guidelines to be met. Atkore Marco is proud to offer a versatile range of products which is not only capable of meeting one of the projects specifications, but in many cases, supply the entire project.

Many of Atkore Marco's products are designed to suit specification requirements, with additional features such as Anti-Microbial protection, DDA compliance, and Pre-Cut Lengths for projects with repeating specifications.

Education

Healthcare

Commercial

Notable Projects

Atkore Marco has supplied a number of notable projects all across the UK and Ireland, including:

Education

- Swansea University
- Port Glasgow Academy
- Furness Academy
- Digitech Studio School – Bristol
- Eden Boys School – Birmingham
- Statistics Building – Oxford
- Aberystwyth University
- Gloucester University

Healthcare

- South Glasgow Hospital
- Morriston Hospital – Swansea
- Dumfries Hospital
- Guy's & Thomas Hospital – London
- Alder Hey Hospital – Liverpool
- Ayrshire Hospital – Irvine
- Royal Liverpool
- Bristol Royal Infirmary

Commercial

- Glasgow Theatre
- Chester Zoo Islands exhibit
- Manchester City Training Ground
- Dyson HQ – Malmsbury
- Heathrow Terminal – London
- 'Walkie Talkie' Building – London
- 'The Shard' – London
- Olympic Village – London

Atkore Marco's Hygieia

Anti-Microbial Protection System

Atkore Marco's uPVC trunking systems are available with Atkore Marco's built-in hygieia protection.

Atkore Marco's Hygieia is a built in protective element, which is incorporated into the uPVC compound during manufacture. The Hygieia compound utilises a silver ion technology, providing anti-microbial protection throughout, creating a defence against 99.9% of harmful bacteria growth.

This protects against and prevents the growth of, bacteria, fungi, mildew and moulds, including:

- MRSA
- E-Coli
- Klebsiella Pneumoniae
- Streptococci

Due to the Hygieia element being incorporated into the PVC during manufacture, and therefore an integral part of the trunking, Atkore Marco can ensure there is no degradation of performance during use, even if the trunking becomes scratched or damaged, even years after initial installation.

All Hygieia products are tested in accordance with ISO22196:2011, which specifies the method of evaluating the antibacterial activity of treated plastic products and is in compliance with all relevant European regulations.
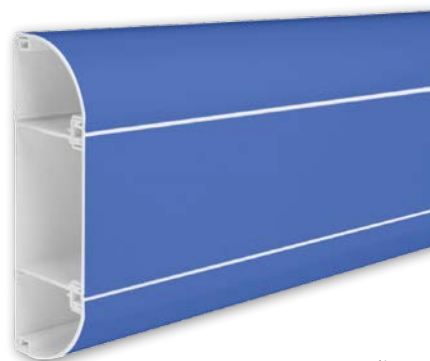
All Atkore Marco products supplied with Hygieia protection are packaged in a blue protective film, to protect and differentiate it from standard uPVC products.

Anti-Microbial
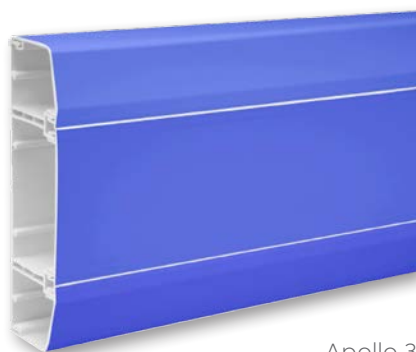
Apollo 3   Elite 3

Blue film for identifying product only, must be removed after installation

DDA & Part M Compliance

Building Regulation Support from Atkore Marco

All of the uPVC products are designed to be able to achieve full DDA compliance when required.

The Part M building regulations, 2000, amendment for the 'Access and use of Buildings' document outlines various regulations, including the Disability Discrimination Act of 2005, which is designed to assist those with visual impairments in public buildings.

Atkore Marco is able to supply DDA compliant uPVC trunking products, using contrasting lids and plates.
The use of contrasting colours allows the visually impaired to differentiate between the trunking body, and the potentially hazardous electricity outlets.

- Trunking systems in three different colours, which can be mixed and matched to create full DDA compliance. Full DDA compliant specification can be supplied throughout the quoting process

- A range of DDA socket plates covering the socket boxes to create a coloured frame around the socket

- Trunking systems are available in White, Light grey and Charcoal, and DDA plates are available in Light Grey, Charcoal and Blue

DDA + DDA & Part M

Light Grey, Charcoal and Blue Socket plates provide DDA & PART-M compliance throughout.

The centre lids used on trunking are universal, and as a result, DDA compliance is attainable on all commercial trunking systems.

Pre Fabrication

Pre Fabricated Cable Management Solutions

In an effort to expand and consolidate service delivery, Atkore Marco offer bespoke trunking solutions as part of the Pre Fabricated and Modular services.

A wide range of uPVC trunking products are available, in a number of sizes to suit any application. Each assembly is supplied as a complete unit, and feature all of the signature product benefits, including prepunched knockouts on the trunking base, and necessary cable segregation throughout.

Atkore Marco is always looking for new ways to make the products and services as fast and as cost effective as possible, and pre-assembled uPVC units are just one time saving solution the business have on offer.

Pre Fabricated uPVC units are the perfect solution for projects in a number of sectors.

Features:

Hygieia Protection

Pre-assembled units are also available with anti-microbial protection, helping defend against 99.9% of harmful bacteria.

Time Saver

Pre-assembled units are primarily designed to save time, cost and reduce excess waste. Each unit is supplied complete and ready to install.

Portable Modular Buildings

Pre-assembled uPVC units are also an ideal solution for housing power and data cables within modular buildings, allowing for flexibility in the buildings design.

Sustainability

Pre-assembly ensures that no product ends up as excess waste on site due to each length being supplied bespoke to the exact measurements and design required.

Sectors

Education

Education remains a mainstay of the Atkore Marco business, as government investment into new infrastructure and the refurbishment of existing education facilities continues.

Pre-assembled trunking systems are the perfect solution for projects all the way up the education sector, from new build modular classroom's up to University halls.

Healthcare

Atkore Marco offers quality products and bespoke solutions to the UK's health sector. The businesses Anti-Microbial products have been trusted to provide peace of mind on medical installations for over 10 years.

Pre Fabricated units are also a great solution for multiple specifications within the healthcare sector, these can include hospital wards to rooms in residential care homes.

Pre Fabricated Bench Trunking

Atkore Marco also supply Bench Trunking in Pre Fabricated units. These bespoke lengths can be manufactured to suit any installation requirement.

uPVC Perimeter Trunking Systems

Power & Data solutions by
Atkore Marco

# UPVC TRUNKING CONTENTS

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Atkore™
Marco

Elite 3

3 Compartment Trunking
175 x 60mm

Atkore Marco Elite 3 trunking system offers an innovative design solution for the growing data-cabling market. At 175 x 60mm, the symmetrical curved design allows for the installation of power and high-density structured cabling systems including CAT5E, CAT6, CAT6A and CAT7 solutions.
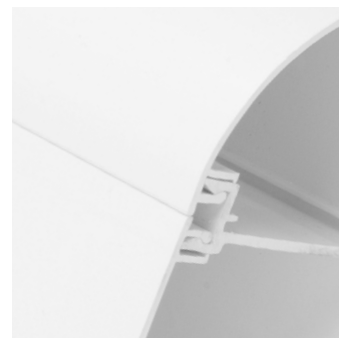
Key Features

3 Compartment

Elite 3 has been designed to comply with the latest structured cabling solutions on the market. Top and bottom compartments complement a larger centre compartment which can facilitate socket mounting accessories.

175 x 60mm Profile

Elite 3's profile allows for ample data and power cabling to be supplied. The curved design prevents dust trapping and provides a more aesthetically pleasing finish.

CAT6, CAT6A & CAT7

Elite 3 meets the latest structured cabling solutions by offering a 50mm bend radius on all Elite accessories.

Hygieia Protection

Elite 3 is available with Atkore Marco's Hygieia anti-microbial protection. Defending against 99.9% of harmful bacteria.

DDA & Part M

Elite 3 is also able to comply to both DDA and Part M specifications, using either contrasting centre lids or coloured socket plates.

BIM Download

Elite 3 BIM objects are available as part of the uPVC BIM download on the website.

Elite systems meet and exceed the requirements for BS 6701:2016+A1:2017, BS 4678 Pt 4, BS 7671, ISO 11901-1:2003 and Cenelec (EN 50173 Part 1 / 2, EN 50174-2) standards.

Elite 3

Elite 3

Elite 3 is designed to suit all types of installation environments. It is made from the highest quality uPVC compound, providing its signature pure white finish. At 175 x 60mm Elite 3 is able to accommodate CAT6 and CAT6A cables, making it a perfect fit for any modern installation.

Elite 3 is available in three colours, pure white, light grey and charcoal.

CODE	DESCRIPTION	LENGTH	PACK QTY
ME3	Elite 3 – Pure White	3m	2 x 3m
ME3LG	Elite 3 – Light Grey	3m	2 x 3m
ME3CH	Elite 3 – Charcoal	3m	2 x 3m

Elite 3 – DDA

Elite trunking is also able to accommodate DDA Part M requirements, via the use of a light grey or charcoal centre lid.

CODE	DESCRIPTION	LENGTH	PACK QTY
ME3LGL	Elite 3 – Pure White with Light Grey Lid	3m	2 x 3m
ME3CHL	Elite 3 – Pure White with Charcoal Lid	3m	2 x 3m

Elite 3 – Hygieia

Elite 3 is available with Hygieia, offering anti-microbial protection against 99.9% of harmful bacteria. The anti-microbial compound forms an integral part of the trunking, meaning there is no loss of performance if the trunking becomes scratched or damaged. All of Elite's additional components are also available with anti-microbial protection.

Elite Hygieia is supplied with a protective blue film for extra protection during transit and installation.

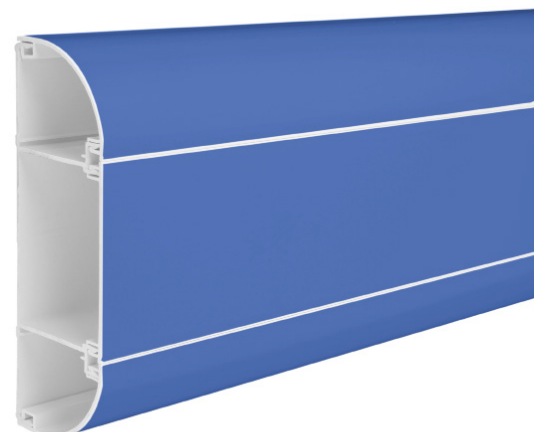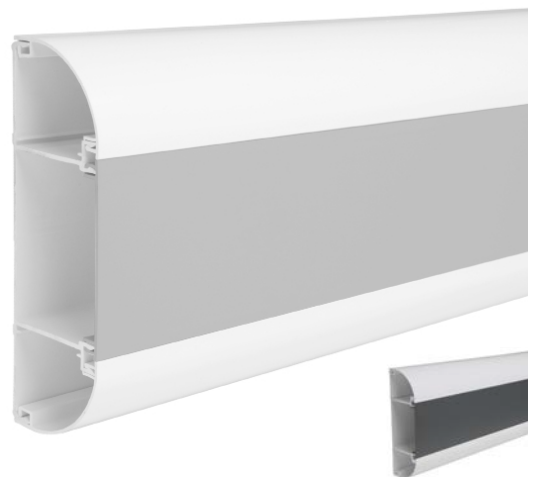| CODE	DESCRIPTION	LENGTH	PACK QTY
ME3AM	Elite 3 – Pure White with Anti-Microbial	3m	2 x 3m
ME3AMLGL	Elite 3 – Light Grey Lid with Anti-Microbial	3m	2 x 3m
ME3AMCHL	Elite 3 – Charcoal Lid Anti-Microbial	3m	2 x 3m

Minimum order quantities apply to Charcoal Anti-Microbial

Illustration purposes only, protective blue film to be removed during installation.

Elite Range

Atkore™
Marco

Elite 3 Accessories

3 Compartment Trunking

Flat Angle

Product Information	
Code	ME3F
Dimensions (mm)	254 x 254 x 62
Pack Qty	1

Available Colours ☐ ▨ ◼

Two-piece moulded flat angle with built in data guides retaining CAT6, CAT6A and CAT7 compliance. Flat overlaps trunking lids, with no needs for joint covers.

Flat Tee

Product Information	
Code	ME3T
Dimensions (mm)	326 x 253 x 62
Pack Qty	1

Available Colours ☐ ▨ ◼

Moulded flat tee with two sets of data guides to maintain 50mm bend radius for CAT6, CAT6A and CAT7 compliance. Tee overlaps trunking lids, with no need for joint covers.

Internal Angle

Product Information	
Code	ME3I
Dimensions (mm)	179.5 x 134 x 134*
Pack Qty	1

Available Colours ☐ ▨ ◼

Moulded internal angle with an adjustable design allowing for a variance of +/- 5° accommodating walls without true 90° bend. Angles have 50mm bend radius to comply with CAT6, CAT6A & CAT7.

* Indicates Height and Width before movement

External Angle

Product Information	
Code	ME3E
Dimensions (mm)	179.5 x 104.5 x 104.5*
Pack Qty	1

Available Colours ☐ ▨ ◼

Moulded external angle with an adjustable design, allowing for a variance of +/- 5° accommodating walls without a true 90° bend. Angles have 50mm bend radius to comply with CAT6, CAT6A & CAT7.

* Indicates Height and Width before movement

Internal Angle - Fixed 45°

Product Information	
Code	ME3I-135
Pack Qty	1

Available Colours ☐ ▨ ◼

Pre Fabricated fixed internal angle for Elite 3, designed for use on walls with a 45° in-facing bend. Supplied as individual units and requires 2 joint covers.
Additional joint covers (ME3J x 2) required when fitting.

External Angle - Fixed 45°

Product Information	
Code	ME3E-135
Pack Qty	1

Available Colours ☐ ▨ ◼

Pre Fabricated fixed external angle for Elite 3, designed for use on walls with a 45° out-facing bend. Supplied as individual units and requires 2 joint covers.
Additional joint covers (ME3J x 2) required when fitting.

Available Colours:

☐ Standard White   ▨ Light Grey. Add LG to product code   ◼ Charcoal. Add CH to product code

Elite 3 Accessories

3 Compartment Trunking

End Covers

Product Information	
Code	ME3C
Dimensions (mm)	176.5 x 62 x 12
Pack Qty	2

Available Colours

Curved end covers matching trunking profile, supplied in packs of two.

Joint Covers

Product Information	
Code	ME3J
Width (mm)	179.5 x 62 x 33
Pack Qty	5

Available Colours

Joint covers with easy clip-in mechanism for faster fitting. Supplied in packs of five.

External Angle Screening Divider

Product Information	
Code	ME3SDE
Pack Qty	1

Clip in screening divider for Elite 3 external angles. Meets BS EN 50174-2 for power and data separation.

Steel Strip Screening Divider

Product Information	
Code	ME3SD
Pack Qty	4 x 1.5m

Slide-in screening divider for Elite 3. Meets BS EN 50174-2 for power and data separation. Divider has same prepunched knockouts as internal walls. Supplied in 1.5m.

Take-Off Adapter

Product Information	
Code	ME3TOA
Dimensions (mm)	92 x 62 x 61
Pack Qty	1

Available Colours

Take off adaptor for Atkore Marco Mini trunking. Supports 16 x 16mm, 16 x 25mm, and 25 x 38mm sizes. Can also accept 20 & 25mm PVC conduit.

Elite Range

Elite 3 Accessory Boxes

3 Compartment Trunking

1-Gang Socket Boxes

Product Information	35mm 1-Gang Socket Box	35mm 1-Gang Socket Box, 4 Pillar	25mm 1-Gang Socket Box	25mm 1-Gang Socket Box, 4 Pillar	50mm 1-Gang Socket Box
Code	MTSB1	MTSB1-4	MTSB1-25	MTSB1-25-4	MTSB1-50
Depth (mm)	35	35	25	25	50
No. of Pillars	2	4	2	4	2
Pack Qty	10	10	10	10	10

2-Gang Socket Boxes

Product Information	35mm 2-Gang Socket Box	25mm 2-Gang Socket Box	50mm 2-Gang Socket Box
Code	MTSB2	MTSB2-25	MTSB2-50
Depth (mm)	35	25	50
No. of Pillars	2	2	2
Pack Qty	10	10	10

1 & 2-Gang Socket Frames

Product Information	1-gang socket mounting frame	2-gang socket mounting frame
Code	MTSB1-F	MTSB2-F
Depth (mm)	N/A	N/A
No. of Pillars	4	2
Pack Qty	10	10

Elite 3 Universal Accessories

Accessory Spacer

Product Information	
Code	MTLS
Dimensions (mm)	87 x 60
Pack Qty	10

Available Colours

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

RCD/MCB DIN Rail Housing Kit

Product Information	
Code	ME3RCDH
Pack Qty	1

Includes: Hinged Cover, Mounting Frame and Mounting Bracket. Locking mechanism also available.

Elite Range

Atkore™ Marco

Elite Compact

3 Compartment Trunking

145 x 50mm

Manufactured from the same high quality materials as Elite 3, Elite Compact offers all the same benefits and features of Elite 3, condensed into a smaller 145 x 50mm profile. Elite Compact is designed to carry large numbers of power and data cables, with a smaller profile which can be installed in locations where space is limited or when a smaller form-factor is desired. Elite Compact is able to support structured cabling systems including CAT5E, CAT6, CAT6A and CAT7 solutions.
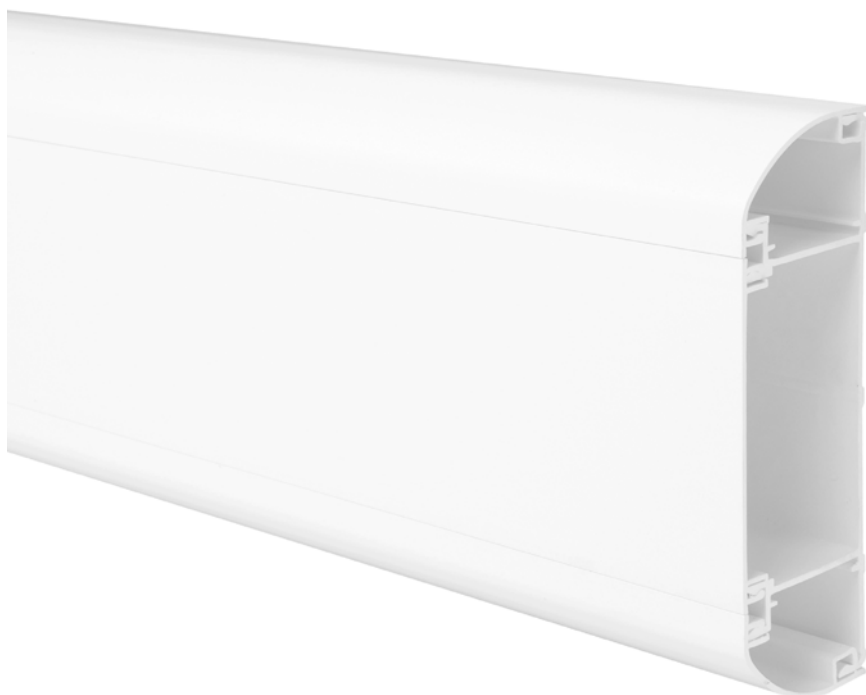
Key Features

3 Compartment

Elite Compact is a 3 compartment system, designed to provide the maximum in carrying capacity, whilst retaining a smaller aesthetic.

Hygieia Protection

Elite Compact is available with Hygieia anti-microbial protection, keeping the spread of bacteria in all environments to a minimum.

145 x 50mm Profile

Despite its small size, Elite Compact's design allows it to house a large number of cables in both its top and bottom compartments, as well as having a full sized centre compartment to house accessories.

DDA & Part M

Elite Compact is available with DDA and Part M specifications, including contrasting centre lid and a range of coloured accessory plates.

CAT6 & CAT7 Compliance

Elite Compact meets the latest structured cabling solutions by offering required bend radius on all fittings and accessories.

BIM Download

Elite Compact BIM objects are available as part of the uPVC BIM download on the website.

Elite systems meet and exceed the requirements for BS 6701:2016+A1:2017, BS 4678 Pt 4, BS 7671, ISO 11901-1:2003 and Cenelec (EN 50173 Part 1 / 2, EN 50174-2) standards.

Elite Compact

The smallest in Elite range, Compact offers all the benefits of larger Elite products, packed into its 145 x 50mm profile. Manufactured from the same high quality uPVC compound, Elite Compact has the same signature pure white finish as other trunking.

Elite Compact's design makes it perfect for housing structured cabling and comes CAT6 & CAT6A compliant as standard. Elite Compact is available in three colours, Pure White, Light Grey and Charcoal.

CODE	DESCRIPTION	LENGTH	PACK QTY
MEC3	Elite Compact – Pure White	3M	2 x 3M
MEC3LG	Elite Compact – Light Grey	3M	2 x 3M
MEC3CH	Elite Compact – Charcoal	3M	2 x 3M

Elite Compact – DDA

Elite Compact trunking is also able to accommodate DDA requirements, using a light grey or charcoal centre lid.

CODE	DESCRIPTION	LENGTH	PACK QTY
MEC3LGL	Elite Compact – Pure White with Light Grey Lid	3m	2 x 3m
MEC3CHL	Elite Compact – Pure White with Charcoal Lid	3m	2 x 3m

Elite Compact – Hygieia

Elite Compact is available with Hygieia protection, defending against 99.9% of harmful bacteria. The anti-microbial compound forms an integral part of the trunking, meaning there is no loss of performance if the trunking becomes scratched or damaged.

All of Compact's additional components are also available with anti-microbial protection.

Atkore Marco's Hygieia trunking is supplied with a protective blue film for extra protection during transit and installation.
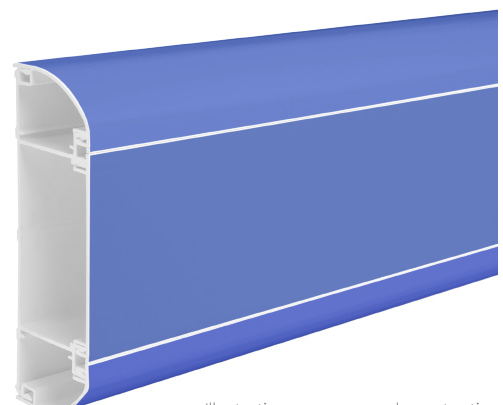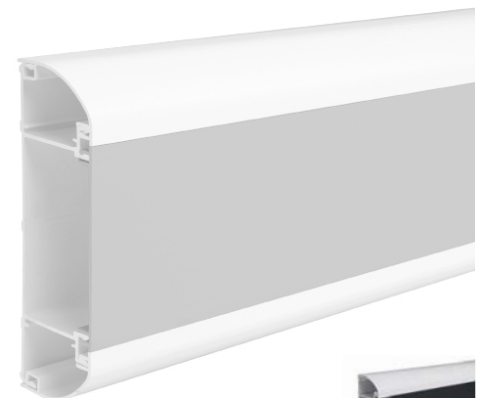
Illustration purposes only, protective blue film to be removed during installation.

Minimum order quantities apply to Charcoal Anti-Microbial,

CODE	DESCRIPTION	LENGTH	PACK QTY
MEC3AM	Elite Compact – Pure White with Anti-Microbial	3m	2 x 3m
MEC3AMLGL	Elite Compact – Light Grey Lid with Anti-Microbial	3m	2 x 3m
MEC3AMCHL	Elite Compact – Charcoal Lid with Anti Microbial	3m	2 x 3m

Elite Range

Elite Compact - Accessories

3 Compartment Trunking

Flat Angle

Product Information	
Code	MEC3F
Dimensions (mm)	224 x 224 x 52
Pack Qty	1
Available Colours	☐ ☐ ☐

Two-piece moulded flat angle for Elite Compact with built in data guides retaining CAT6, CAT6A and CAT7 compliance. Flat overlaps trunking lids, with no needs for joint covers.

Flat Tee

Product Information	
Code	MEC3T
Dimensions (mm)	293 x 222.5 x 52
Pack Qty	1
Available Colours	☐ ☐ ☐

Moulded flat tee for Elite Compact with two sets of data guides to maintain 50mm bend radius for CAT6, CAT6A and CAT7 compliance. Tee overlaps trunking lids, with no need for joint covers.

Internal Angle

Product Information	
Code	MEC3I
Dimensions (mm)	125 x 125 x 149.5*
Pack Qty	1
Available Colours	☐ ☐ ☐

Moulded internal angle with an adjustable design allowing for a variance of +/- 5° accommodating walls without true 90° bend. Angles have 50mm bend radius to comply with CAT6 and CAT7.

* Indicates Height and Width before movement

External Angle

Product Information	
Code	MEC3E
Dimensions (mm)	92 x 92 x 150*
Pack Qty	1
Available Colours	☐ ☐ ☐

Moulded external angle with an adjustable design, allowing for a variance of +/- 5° accommodating walls without a true 90° bend. Angles have 50mm bend radius to comply with CAT6 and CAT.

* Indicates Height and Width before movement

Internal Angle - Fixed 45°

Product Information	
Code	MEC3I-135
Pack Qty	1
Available Colours	☐ ☐ ☐

Pre Fabricated fixed internal angle for Elite Compact, designed for use on walls with a 45° in-facing bend. Supplied as individual units and requires 2 joint covers. Additional joint covers (MEC3J x 2) required when fitting.

External Angle - Fixed 45°

Product Information	
Code	MEC3E-135
Pack Qty	1
Available Colours	☐ ☐ ☐

Pre Fabricated fixed external angle for Elite Compact, designed for use on walls with a 45° out-facing bend. Supplied as individual units and requires 2 joint covers. Additional joint covers (MEC3J x 2) required when fitting.

Elite Compact - Accessories

3 Compartment Trunking

End Covers

Product Information	
Code	MEC3C
Dimensions (mm)	149.5 x 52 x 12
Pack Qty	2

Available Colours ☐ ▨ ■

Curved end covers matching trunking profile, supplied in packs of two.

Joint Covers

Product Information	
Code	MEC3J
Width (mm)	149.5 x 52 x 33
Pack Qty	5

Available Colours ☐ ▨ ■

Joint covers with easy clip-in mechanism for faster fitting. Supplied in packs of five.

External Angle Screening Divider

Product Information	
Code	MEC3SDE
Pack Qty	1

Clip in screening divider for Elite Compact external angles. Meets BS EN 50174-2 for power and data separation.

Steel Strip Screening Divider

Product Information	
Code	MEC3SD
Pack Qty	4 x 1.5m

Slide-in screening divider for Elite compact. Meets BS EN 50174-2 for power and data separation. Divider has same prepunched knock outs as internal walls. Supplied in 1.5m.

Take-Off Adapter

Product Information	
Code	MEC3TOA
Dimensions (mm)	92 x 52 x 46
Pack Qty	1

Available Colours ☐ ▨ ■

Take off adaptor for Mini trunking. Supports 16 x 16mm, 16 x 25mm, and 25 x 38mm sizes. Can also accept 20 & 25mm PVC conduit.

Available Colours:

☐ Standard White   ▨ Light Grey. Add LG to product code   ■ Charcoal. Add CH to product code

Atkore™ Marco

3 Compartment Trunking

Elite Range

1-Gang Socket Boxes

Product Information	35mm 1-Gang Socket Box	35mm 1-Gang Socket Box, 4 Pillar	25mm 1-Gang Socket Box	25mm 1-Gang Socket Box, 4 Pillar
Code	MTSB1	MTSB1-4	MTSB1-25	MTSB1-25-4
Depth (mm)	35	35	25	25
No. of Pillars	2	4	2	4
Pack Qty	10	10	10	10

2-Gang Socket Boxes

Product Information	35mm 2-Gang Socket Box	25mm 2-Gang Socket Box
Code	MTSB2	MTSB2-25
Depth (mm)	35	25
No. of Pillars	2	2
Pack Qty	10	10

1 & 2-Gang Socket Frames

Product Information	1-gang socket mounting frame	2-gang socket mounting frame
Code	MTSB1-F	MTSB2-F
Depth (mm)	N/A	N/A
No. of Pillars	4	2
Pack Qty	10	10

Universal Accessories

Accessory Spacer

Product Information	
Code	MTLS
Dimensions (mm)	87 x 60
Pack Qty	10

Available Colours ☐ ◼ ◼

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

RCD/MCB DIN Rail Housing Kit

Product Information	
Code	MEC3RCDH
Pack Qty	1

Includes: Hinged Cover, Mounting Frame and Mounting Bracket. Locking mechanism also available.

Elite Range

Atkore™
Marco

Elite 60
200 x 63mm

Data Trunking

With its 200 x 63mm profile, Elite 60 is the largest trunking available in the Elite range.
Able to accommodate a large amount of CAT5E and CAT6/CAT6A cables, Elite 60 has been designed from the ground up to serve as a perfect fit for installations which require a high capacity containment solution. Elite 60 can support structured cabling systems up to CAT7.
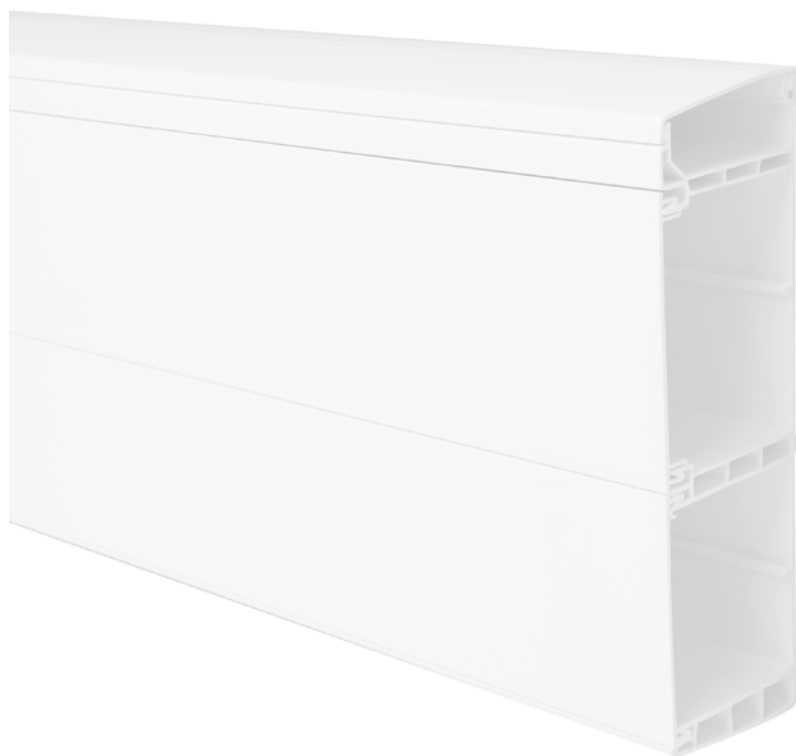
Key Features

200 x 63mm Profile

The largest trunking in the Elite range, Elite 60 is able to carry more CAT6 cables than any other trunking. Designed for installations where there is a heavy reliance on power and data cabling.

2 Compartment

2 Compartment as standard, Elite 60 can be sub-divided into a total of 4 compartments for complex wiring systems.

CAT6, CAT6A & CAT7

All of the Elite range have been designed to accommodate CAT6 & CAT7, none more-so than Elite 60, which has two large capacity compartments as well as a removable top lid.

DDA & Part M

Elite 60 is able to become completely DDA compliant, using contrasting centre lid or coloured socket plates.

BIM Download

Elite 60 BIM objects are available as part of the uPVC BIM download on the website.

Elite systems meet and exceed the requirements for BS 6701:2016+A1:2017, BS 4678 Pt 4, BS 7671, ISO 11901-1:2003 and Cenelec (EN 50173 Part 1 / 2, EN 50174-2) standards.

Elite 60

Elite 60

Elite 60 is the largest capacity trunking in the Elite range, allowing for a greater number of cables to be installed.
Elite 60 comes with a unique top opening lid, allowing cables to be installed easily and speedily. Should additional cable segregation be required, further capacity can be achieved through the use of clip-in dividers, able to take the trunking up to 4 compartments if required.

CODE	DESCRIPTION	LENGTH	PACK QTY
MT60	Elite 60 – Pure White	3M	2 x 3M

Elite 60 – DDA

DDA compliance is attainable using Elite 60 in conjunction with contrasting centre lids or through the use of our coloured socket plates. Elite 60's high capacity and DDA compliance make it a perfect fit for schools or public buildings.

CODE	DESCRIPTION	LENGTH	PACK QTY
MT60LGL	Elite 60 – Pure White & Light Grey Lid	3m	2 x 3m
MT60CHL	Elite 60 – Pure White & Charcoal Lid	3m	2 x 3m

Elite Range

Elite Range

Data Trunking

Flat Angle – Up

Product Information	
Code	MT60FU
Dimensions (mm)	235 x 235 x 63
Pack Qty	1

Available Colours ☐ ⬜ ⬛

Pre Fabricated upward mitred flat angle provided with a minimum 50mm bend radius.
Additional joint covers (MT60J x 2) required when fitting.

Flat Tee – Up

Product Information	
Code	MT60T
Dimensions (mm)	330 x 240 x 63
Pack Qty	1

Available Colours ☐ ⬜ ⬛

Pre Fabricated upward flat tee junction. Each is supplied with a minimum 50mm bend radius.
Additional joint covers (MT60J x 3) required when fitting.

Flat Angle – Down

Product Information	
Code	MT60FD
Dimensions (mm)	235 x 235 x 63
Pack Qty	1

Available Colours ☐ ⬜ ⬛

Pre Fabricated downward mitred flat angle provided with a minimum 50mm bend radius.
Additional joint covers (MT60J x 2) required when fitting.

Flat Tee – Down

Product Information	
Code	MT60TD
Dimensions (mm)	330 x 240 x 63
Pack Qty	1

Available Colours ☐ ⬜ ⬛

Pre Fabricated downward flat tee junction. Each is supplied with a minimum 50mm bend radius.
Additional joint covers (MT60J x 3) required when fitting.

Internal Angle

Product Information	
Code	MT60I
Height (mm)	136 x 136 x 204
Pack Qty	1

Moulded internal angle for Elite 60, designed for use on walls with a 90° in-facing bend. Supplied as individual units.

External Angle

Product Information	
Code	MT60E
Height (mm)	88 x 88 x 204
Pack Qty	1

Moulded external angle for Elite 60, designed for use on walls with a 90° out-facing bend. Supplied as individual units.

Available Colours: (Lid Only)

☐ Standard White   ⬜ Light Grey. Add LG to product code   ⬛ Charcoal. Add CH to product code

Alternative colours only available on Flat Angles and Flat Tee Lids.

Elite 60 - Accessories

End Covers

Product Information	LEFT	RIGHT
Code	MT60CL	MT60CR
Height (mm)	2 04 x 67 x 12	
Pack Qty	2	

Moulded end covers, designed to match the profile of the trunking. Due to Elite 60's shape, end caps are supplied in left and right-handed variants.

Joint Covers

Product Information	
Code	MT60J
Width (mm)	204 x 67 x 30
Pack Qty	5

Moulded joint covers with an easy clip in mechanism for faster installation. Supplied in packs of five.

External Angle Screening Divider

Product Information	
Code	MT60SDE
Pack Qty	1

Elite clip-in screening divider for external angles. Meets BSEN50174-2 for power and data separation

Steel Strip Screening Divider

Product Information	
Code	MT60SD
Pack Qty	4 x 1.5m

Slide-in screening divider for Elite 60. Supplied in 1.5m lengths.

Data Trunking

1-Gang Socket Boxes

Product Information	35mm 1-Gang Socket Box	35mm 1-Gang Socket Box, 4 Pillar	25mm 1-Gang Socket Box	25mm 1-Gang Socket Box, 4 Pillar	50mm 1-Gang Socket Box
Code	MTSB1	MTSB1-4	MTSB1-25	MTSB1-25-4	MTSB1-50
Depth (mm)	35	35	25	25	50
No. of Pillars	2	4	2	4	2
Pack Qty	10	10	10	10	10

2-Gang Socket Boxes

Product Information	35mm 2-Gang Socket Box	25mm 2-Gang Socket Box	50mm 2-Gang Socket Box
Code	MTSB2	MTSB2-25	MTSB2-50
Depth (mm)	35	25	50
No. of Pillars	2	2	2
Pack Qty	10	10	10

1 & 2-Gang Socket Frames

Product Information	1-gang socket mounting frame	2-gang socket mounting frame
Code	MTSB1-F	MTSB2-F
Depth (mm)	N/A	N/A
No. of Pillars	4	2
Pack Qty	10	10

Elite Range

Elite 60 – Universal Accessories

RCD/MCB DIN Rail Housing Kit

Product Information	
Code	MT60RCDH
Pack Qty	1

Includes: Hinged Cover, Mounting Frame and Mounting Bracket. Locking mechanism also available.

Accessory Spacer

Product Information	
Code	MTLS
Dimensions (mm)	87 x 60
Pack Qty	10
Available Colours	⬜ 🔲 ⬛

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

uPVC Universal Divider Strip

Product Information	
Code	MTD105
Pack Qty	16 x 1.5m

Slide in uPVC divider for trunking products. Supplied in 1.5m lengths.

Atkore™ Marco

Apollo
170 x 50mm

3 Compartment Trunking

Apollo trunking is the most versatile and adaptable trunking system in the range. Apollo is designed to suit any application, coming in three profiles, it is able to match the aesthetic requirements of any project. Apollo is supplied as a CAT5E compliant system as standard, and can be altered to meet CAT6 through the use of clip-in data guides.

MTD3
Chamfered

MTDQ3
Square

MTS3
Skirting

Key Features

3 — **Multi-Profile**

Apollo's 3 profiles make it the most adaptable trunking system, accommodating any installation environment.

Hygieia Protection

Apollo 3 is available with Marco's Hygieia anti-microbial protection. Defending against 99.9% of harmful bacteria.

170 x 50mm Profile

Apollo's large profile, and three compartments are ideal for carrying a large number of cables, and it's centre compartment can house multiple accessories.

DDA & Part M

Apollo 3 is also able to comply with both DDA and Part M specifications, using either our contrasting centre lids or coloured socket plates.

BIM Download

Apollo is available in Atkore Marco's BIM object pack, available on the website.

Apollo trunking systems conform to the following standards: BS4678 Part 4, BSEN50173 Part 1/2, BS EN 50174-2:2018, BS7671,, BS 6701:2016+A1:2017, ISO IEC 11801

Apollo

Apollo trunking is available in three different profiles. Available in Dado, Skirting and Square profiles Apollo's interchangeable lids are designed to accommodate installation requirements whilst retaining an aesthetically pleasing design.

CODE	DESCRIPTION	LENGTH	PACK QTY
MTD3	Apollo 3 – Dado Profile – White	3m	2 x 3m
MTD3LG	Apollo 3 – Dado Profile – Light Grey	3m	2 x 3m
MTD3CH	Apollo 3 – Dado Profile – Charcoal	3m	2 x 3m
MTDQ3	Apollo 3 – Square Profile – White	3m	2 x 3m
MTDQ3LG	Apollo 3 – Square Profile – Light Grey	3m	2 x 3m
MTDQ3CH	Apollo 3 – Square Profile – Charcoal	3m	2 x 3m
MTS3	Apollo 3 – Skirting Profile – White	3m	2 x 3m
MTS3LG	Apollo 3 – Skirting Profile – Light Grey	3m	2 x 3m
MTS3CH	Apollo 3 – Skirting Profile – Charcoal	3m	2 x 3m

Apollo 3 – DDA

Apollo trunking is also able to adhere to DDA compliance through the use of contrasting centre lids and coloured socket plates, allowing for easy differentiation between the trunking and socket outlets.

CODE	DESCRIPTION	LENGTH	PACK QTY
MTD3LGL	Apollo 3 – Dado Profile – White with Light Grey Lid	3m	2 x 3m
MTD3CHL	Apollo 3 – Dado Profile – White with Charcoal Lid	3m	2 x 3m
MTDQ3LGL	Apollo 3 – Square Profile – White with Light Grey Lid	3m	2 x 3m
MTDQ3CHL	Apollo 3 – Square Profile – White with Charcoal Lid	3m	2 x 3m
MTS3LGL	Apollo 3 – Skirting Profile – White with Light Grey Lid	3m	2 x 3m
MTS3CHL	Apollo 3 – Skirting Profile – White with Charcoal Lid	3m	2 x 3m

Apollo 3 – Hygieia

Apollo 3 is available with Hygieia finish, offering anti-microbial protection against 99.9% of harmful bacteria. The anti-microbial compound forms an integral part of the trunking, meaning there is no loss of performance if the trunking becomes scratched or damaged. All of Apollo's additional components are also available with anti-microbial.

Hygieia trunking is supplied with a protective blue plastic film for extra protection during transit and installation.

CODE	DESCRIPTION	LENGTH	PACK QTY
MTD3AM	Apollo 3 – Dado Profile – Anti-Microbial Finish	3m	2 x 3m
MTDQ3AM	Apollo 3 – Square Profile – Anti-Microbial Finish	3m	2 x 3m
MTS3AM	Apollo 3 – Skirting Profile – Anti-Microbial Finish	3m	2 x 3m

Light Grey and Charcoal Lid options available. Minimum quantities apply.
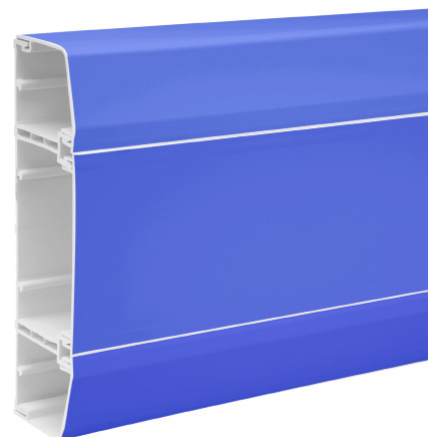
Illustration purposes only, protective blue film to be removed during installation.

Accessories – Chamfer

Chamfered Top & Bottom Lids

Flat Angle – Chamfer

Product Information	
Code	MTDF3
Dimensions (mm)	235 x 235 x 40
Pack Qty	1
Available Colours	☐ ▣ ■

Chamfered profile Pre Fabricated mitred flat angle with chamfered top and bottom lids. Flat angle can be installed in either direction and is supplied as a single unit. Data guides can be added to meet CAT6. Additional joint covers (MTDJ3 x 2) required when fitting.

Flat Tee – Chamfer

Product Information	
Code	MTDT3
Dimensions (mm)	300 x 240 x 50
Pack Qty	1
Available Colours	☐ ▣ ■

Chamfered profile Pre Fabricated mitred flat tee with chamfered top and bottom lids. Tee can be installed in either direction and top and bottom lids complement the profile of the trunking. Data guides can be added to meet CAT6. Additional joint covers (MTDJ3 x 3) required when fitting.

Internal Angle – Chamfer

Product Information	
Code	MTDI3
Dimensions (mm)	175 x 77 x 77
Pack Qty	1
Available Colours	☐ ▣ ■

Moulded single unit chamfered profile internal angle. Clips over trunking. Varying degree angles also available.

External Angle – Chamfer

Product Information	
Code	MTDE3
Dimensions (mm)	175 x 74 x 74
Pack Qty	1
Available Colours	☐ ▣ ■

Moulded single unit chamfered profile external angle. Clips over trunking. Varying degree angles also available.

End Cover – Chamfer

Product Information	
Code	MTDC3
Dimensions (mm)	175 x 51.5 x 12
Pack Qty	2
Available Colours	☐ ▣ ■

Moulded end caps, supplied in pairs matching trunking profile.

Joint Cover – Chamfer

Product Information	
Code	MTDJ3
Width (mm)	175 x 51.5 x 33
Pack Qty	5
Available Colours	☐ ▣ ■

Moulded joint covers with an easy clip-in mechanism for faster installation. Supplied in packs of five.

Available Colours:

☐ Standard White	▣ Light Grey. Add LG to product code	■ Charcoal. Add CH to product code
	Light Grey Lid. Add LGL to product code	Charcoal Lid. Add CHL to product code

Accessories – Square

Flat Angle – Square

Product Information	
Code	MTDQF3
Dimensions (mm)	235 x 235 x 50
Pack Qty	1

Available Colours

Pre Fabricated mitred joint flat angles with square top and bottom lids. Flat angle can be installed in either direction and is supplied as a single unit. Data guides can be added to meet CAT6. Additional joint covers (MTDQJ3 x 2) required when fitting.

Flat Tee – Square

Product Information	
Code	MTDQT3
Dimensions (mm)	300 x 240 x 50
Pack Qty	1

Available Colours

Pre Fabricated mitred joint flat tee with square top and bottom lids. Tee can be installed in either direction and top and bottom lids complement the flush finish of the trunking. Data guides can be added to meet CAT6. Additional joint covers (MTDQJ3 x 3) required when fitting.

Internal Angle – Square

Product Information	
Code	MTDQI3
Dimensions (mm)	175 x 77 x 77
Pack Qty	1

Available Colours

Moulded single unit internal angle cover. Clips over and sits above trunking. Varying degree angles also available.

External Angle – Square

Product Information	
Code	MTDQE3
Dimensions (mm)	175 x 77 x 77
Pack Qty	1

Available Colours

Moulded single unit external angle. Clips over and sits above trunking. Supplied as single units. Varying degree angles also available.

End Cover – Square

Product Information	
Code	MTDQC3
Dimensions (mm)	175 x 51.5 x 12
Pack Qty	2

Available Colours

Moulded end caps, supplied in pairs matching trunking profile.

Joint Cover – Square

Product Information	
Code	MTDQJ3
Width (mm)	175 x 77 x 77
Pack Qty	5

Available Colours

Moulded joint covers with an easy clip in mechanism for faster installation. Supplied in packs of five.

Apollo Range

Skirting Top & Bottom Lids

Flat Angle – Skirting

Product Information	UP	DOWN
Code	MTSF3U	MTSF3D
Dimensions (mm)	235 x 235 x 50	
Pack Qty		1

Available Colours ☐ ◼ ◼

Skirting profile Pre Fabricated mitred flat angles with chamfered top and square bottom lids.
Up has chamfered lid on inside bend.
Down has chamfered lid on outside bend.
Data guides can be added to meet CAT6.
Additional joint covers (MTSJ3 x 2) required when fitting.

Flat Tee – Skirting

Product Information	
Code	MTST3
Dimensions (mm)	300 x 240 x 50
Pack Qty	1

Available Colours ☐ ◼ ◼

Skirting profile Pre Fabricated mitred joint flat tee with chamfered top and square bottom lids. Tee can be installed in either direction and top and bottom lids complement the finish of the trunking. Data guides can be added to meet CAT6. Down option available on request. Additional joint covers (MTSJ3 x 3) required when fitting.

Internal Angle – Skirting

Product Information	
Code	MTSI3
Dimensions (mm)	175 x 77 x 77
Pack Qty	1

Available Colours ☐ ◼ ◼

Moulded single unit skirting profile internal angle cover. Clips in and sits above trunking. Varying degree angles also available.

External Angle – Skirting

Product Information	
Code	MTSE3
Dimensions (mm)	175 x 74 x 74
Pack Qty	1

Available Colours ☐ ◼ ◼

Moulded single unit skirting profile external angle cover. Clips in over trunking. Supplied as single units. Varying degree angles also available.

End Cover – Skirting
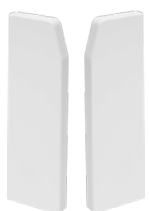
Product Information	LEFT	RIGHT
Code	MTSCL3	MTSCR3
Dimensions (mm)	175 x 51.5 x 12	
Pack Qty	2	2

MTSCL3   MTSCR3

Available Colours ☐ ◼ ◼

Moulded end caps, supplied in pairs matching trunking profile.

Joint Cover – Skirting

Product Information	
Code	MTSJ3
Width (mm)	175 x 51.5 x 33
Pack Qty	5

Available Colours ☐ ◼ ◼

Moulded joint covers with an easy clip-in mechanism for faster installation. Supplied in packs of five.

Available Colours:

☐ Standard White

◼ Light Grey. Add LG to product code
Light Grey Lid. Add LGL to product code

◼ Charcoal. Add CH to product code
Charcoal Lid. Add CHL to product code

Apollo Range

Apollo Univeral Accessories

Cable Retainer

Product Information	
Code	MTCR
Pack Qty	20

Clip-in cable retainer. Designed to offer additional stability when holding cables in place through the trunking.

Accessory Spacer

Product Information	
Code	MTLS
Dimensions (mm)	87 x 60
Pack Qty	10
Available Colours	

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

RCD/MCB DIN Rail Housing Kit

Product Information	
Code	MTRCDH
Pack Qty	1

Includes: hinged cover, mounting frame and mounting bracket. Locking mechanism available.

Data Guides

Product Information	
Code	Add Suffix DG to angle codes
Pack Qty	1

Data guides, designed to enable CAT6 compliance throughout Apollo trunking accessories by maintaining necessary bend radius.

Steel Strip Screening Divider

Product Information	
Code	MTAS
Pack Qty	4 x 1.5M

Slide-in screening divider for Apollo. Meets BSEN50174-2 for power and data separation. Supplied in 1.5m lengths.

uPVC Universal Divider Strip

Product Information	
Code	MTD105
Pack Qty	16 x 1.5m

Slide in uPVC divider for trunking products. Supplied in 1.5m lengths.

Security fittings are available for many of our uPVC accessories.

Apollo Accessory Boxes

3 Compartment Trunking

1 – Gang Socket Boxes

Product Information	35mm 1-Gang Socket Box	35mm 1-Gang Socket Box, 4 Pillar	25mm 1-Gang Socket Box	25mm 1-Gang Socket Box, 4 Pillar
Code	MTSB1	MTSB1-4	MTSB1-25	MTSB1-25-4
Depth (mm)	35	35	25	25
No. of Pillars	2	4	2	4
Pack Qty	10	10	10	10

2 – Gang Socket Boxes

Product Information	35mm 2-Gang Socket Box	25mm 2-Gang Socket Box
Code	MTSB2	MTSB2-25
Depth (mm)	35	25
No. of Pillars	2	2
Pack Qty	10	10

1 & 2 – Gang Socket Frames

Product Information	1-gang socket mounting frame	2-gang socket mounting frame
Code	MTSB1-F	MTSB2-F
Depth (mm)	N/A	N/A
No. of Pillars	4	2
Pack Qty	10	10

Apollo 4 Compartment

257 x 50mm

4 Compartment Trunking

Apollo 4

Apollo Trunking can also be modified to become a four compartment trunking, with a profile of 257 x 50mm, through the addition of the MT4KI extension kit.
Lengths are supplied as the standard MTD3 system, with the additional extension kit included. Apollo 4 compartment benefits from having two large centre compartments, both able to accommodate socket boxes and accessories.

MTD4
Chamfered

MTDQ4
Square

MTS4
Skirting

CODE	DESCRIPTION	LENGTH	PACK QTY
MTD4	Apollo 4 – Dado Profile – Pure White	3m	2 x 3m
MTD4LG	Apollo 4 – Dado Profile – Light Grey	3m	2 x 3m
MTD4CH	Apollo 4 – Dado Profile – Charcoal	3m	2 x 3m
MTDQ4	Apollo 4 – Square Profile – Pure White	3m	2 x 3m
MTDQ4LG	Apollo 4 – Square Profile – Light Grey	3m	2 x 3m
MTDQ4CH	Apollo 4 – Square Profile – Charcoal	3m	2 x 3m
MTS4	Apollo 4 – Skirting Profile – Pure White	3m	2 x 3m
MTS4LG	Apollo 4 – Skirting Profile – Light Grey	3m	2 x 3m
MTS4CH	Apollo 4 – Skirting Profile – Charcoal	3m	2 x 3m

Apollo 4 – DDA

Apollo trunking is also able to adhere to DDA specification through the use of contrasting centre lids and coloured socket plates, allowing for easy differentiation between the trunking and its outlets.
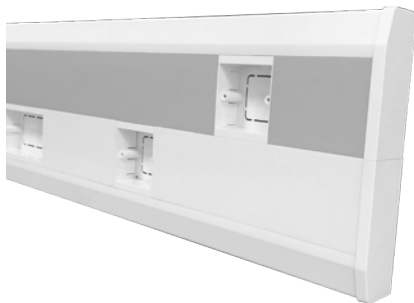
CODE	DESCRIPTION	LENGTH	PACK QTY
MTD4LGL	Apollo 4 – Dado Profile – White with Light Grey Lid	3m	2 x 3m
MTD4CHL	Apollo 4 – Dado Profile – White with Charcoal Lid	3m	2 x 3m
MTDQ4LGL	Apollo 4 – Square Profile – White with Light Grey Lid	3m	2 x 3m
MTDQ4CHL	Apollo 4 – Square Profile – White with Charcoal Lid	3m	2 x 3m
MTS4LGL	Apollo 4 – Skirting Profile – White with Light Grey Lid	3m	2 x 3m
MTS4CHL	Apollo 4 – Skirting Profile – White with Charcoal Lid	3m	2 x 3m

Accessories

CODE	DESCRIPTION	PACK QTY
MTDF4**	Flat Angle – Dado	1
MTDQF4**	Flat Angle – Square	1
MTSF4U**	Flat Angle – Skirting – Up	1
MTSF4D**	Flat Angle – Skirting – Down	1
MTDT4**	Flat Tee – Dado	1
MTDQT4**	Flat Tee – Square	1
MTST4**	Flat Tee – Skirting	1
MTDC4*	End Cover – Dado	2
MTDQC4*	End Cover – Square	2
MTSCR4*	End Cover – Skirting – Right	2

CODE	DESCRIPTION	PACK QTY
MTSCL4*	End Cover – Skirting – Left	2
MTDI4*	Internal Angle – Dado	1
MTDQI4*	Internal Angle – Square	1
MTSI4*	Internal Angle– Skirting	1
MTDE4*	External Angle – Dado	1
MTDQE4*	External Angle – Square	1
MTSE4*	External Angle – Skirting	1
MTDJ4*	Joint Cover – Dado	5
MTDQJ4*	Joint Cover – Square	5
MTSJ4*	Joint Cover – Skirting	5

* Supplied as a 2-part fitting

** Joint covers required when fitting

Atkore™
Marco

Single Compartment Trunking

Juno
100 x 50mm

Juno trunking in a single compartment uPVC dado system, which can be subdivided with a dividing strip for power, data and telecommunication cables. The position of the divider fixing points allow for two, three or four compartments to be made depending on installation needs.

Atkore Marco also offer Juno as individual pre-assembled units, ideal for student accommodation, and other installations with repeating specifications.

Key Features

1, 2, 3 or 4 Compartment

Juno trunking is unique in its ability to be divided into a multiple compartment solution whilst keeping its compact profile.

DDA & Part M

DDA compliance is attainable using contrasting centre lids or socket plates. Juno is available with light grey or charcoal variations to its standard pure white centre lid.

100 x 50mm Profile

Juno's smaller profile makes it perfect for installations with small distribution requirements, especially where space is limited.

BIM Download

Juno forms part of the BIM downloads, an integral part of the Marco uPVC range,the entire Juno product family is available.

Atkore Marco offer pre-assembled Juno units, ideal for student accommodation, as well as other repetitive installations!

Hygieia Protection

Juno is available with Hygieia protection. The anti-microbial element forms an integral part of the trunking meaning there is no loss of performance if the trunking is damaged.

Juno

Juno is a single compartment trunking with the ability to be sub-divided up to three times, enabling it to form up to four compartments.

Juno is ideal for smaller installations where cable segregation is key. Its compact design makes it perfect for domestic and commercial use, and has seen use in projects with repeating units such as student accommodation and offices.

Full Charcoal and Light grey lengths are manufactured to order and minimum quantities apply.

CODE	DESCRIPTION	LENGTH	PACK QTY
MT105	Juno – Pure White	3m	2 x 3m
MT105CH	Juno – Charcoal	3m	2 x 3m

Juno – DDA

Juno is also able to accommodate DDA compliance using contrasting centre lid. Juno can also accept DDA socket plates giving the required level of contrast around socket outlets.

CODE	DESCRIPTION	LENGTH	PACK QTY
MT105LGL	Juno – Pure White with Light Grey Lid	3m	2 x 3m
MT105CHL	Juno – Pure White with Charcoal Lid	3m	2 x 3m

Juno – Hygieia

Juno is also available with Hygieia protection. Anti-Microbial compound is added during the manufacturing process, forming an integral part of the trunking resulting in a consistent performance even if the trunking is scuffed or damaged.

Centre lid is supplied in a protective blue film for extra protection during installation.

Juno Hygieia is manufactured to order, minimum quantities apply.

Illustration purposes only, protective blue film to be removed during installation.

CODE	DESCRIPTION	LENGTH	PACK QTY
MT105AM	Juno – Pure White with Anti-Microbial	3m	2 x 3m
MT105AMLGL	Juno – Light Grey with Anti-Microbial	3m	2 x 3m
MT105AMCHL	Juno – Charcoal with Anti-Microbial	3m	2 x 3m
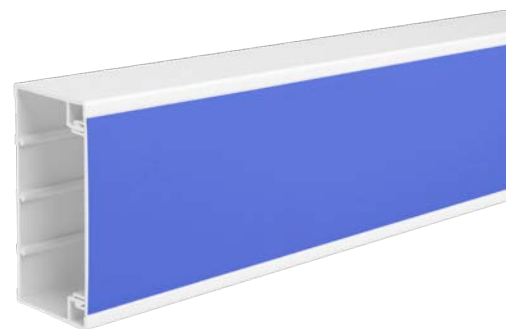
Minimum order quantities apply to Charcoal Anti-Microbial.

Atkore™ Marco

Juno Range

Single Compartment Trunking

Flat Angle

Product Information	
Code	MTF105
Pack Qty	1

Available Colours ☐ ■

Moulded 90 degree flat angle bend for Juno trunking. Supplied as single units.

Flat Tee

Product Information	
Code	MTT105
Pack Qty	1

Available Colours ☐ ■

Moulded flat tee for Juno trunking. Can be used to connect three lengths in any direction. Supplied as single units.

Internal Angle

Product Information	
Code	MTI105
Pack Qty	1

Available Colours ☐ ■

Moulded single unit internal angle for Juno trunking. Connects two lengths creating a 90 degree bend. Supplied as single units.

External Angle

Product Information	
Code	MTE105
Pack Qty	1

Available Colours ☐ ■

Moulded single unit external angle cover. Clips in and sits above trunking. Supplied as single units.

End Cover

Product Information	
Code	MTC105
Pack Qty	2

Available Colours ☐ ■

Moulded end caps, supplied in pairs matching trunking profile.

Joint Cover

Product Information	
Code	MTJ105
Pack Qty	5

Available Colours ☐ ■

Moulded joint covers with an easy clip in mechanism for faster installation. Supplied in packs of five.

Available Colours: ☐ Standard White   ■ Charcoal. Add CH to product code

Juno - Accessories

uPVC Universal Divider Strip

Product Information	
Code	MTD105
Pack Qty	16 x 1.5m

Available Colours ☐ ▨ ■

Slide in uPVC divider for trunking products. Supplied in 1.5m lengths.

Accessory Spacer

Product Information	
Code	MTLS
Dimensions (mm)	87 x 60
Pack Qty	10

Available Colours ☐ ▨ ■

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

Juno Accessory Boxes

1 – Gang Socket Boxes

Product Information	35mm 1-Gang Socket Box	35mm 1-Gang Socket Box, 4 Pillar	25mm 1-Gang Socket Box	25mm 1-Gang Socket Box, 4 Pillar
Code	MTSB1	MTSB1-4	MTSB1-25	MTSB1-25-4
Depth (mm)	35	35	25	25
No. of Pillars	2	4	2	4
Pack Qty	10	10	10	10

2 – Gang Socket Boxes

Product Information	35mm 2-Gang Socket Box	25mm 2-Gang Socket Box
Code	MTSB2	MTSB2-25
Depth (mm)	35	25
No. of Pillars	2	2
Pack Qty	10	10

MTSB1-F & MTSB2-F Socket mounting frames also available

Juno Range

Atkore™
Marco

Maxi Trunking

Single Compartment Trunking

50x50, 75x75 & 100x100

Maxi trunking range is the perfect solution for a number of cable management project installations, including domestic and commercial installs. Atkore Marco's Maxi trunking is supplied in three standard sizes, 50mm, 75mm & 100mm, and are all available with a range of accessories and fittings.

Supplied with a unique secure-lock lid, Maxi trunking is able to offer a tamper proof solution, keeping cables protected in all environments. Maxi Trunking is supplied in 3 metre lengths as standard.
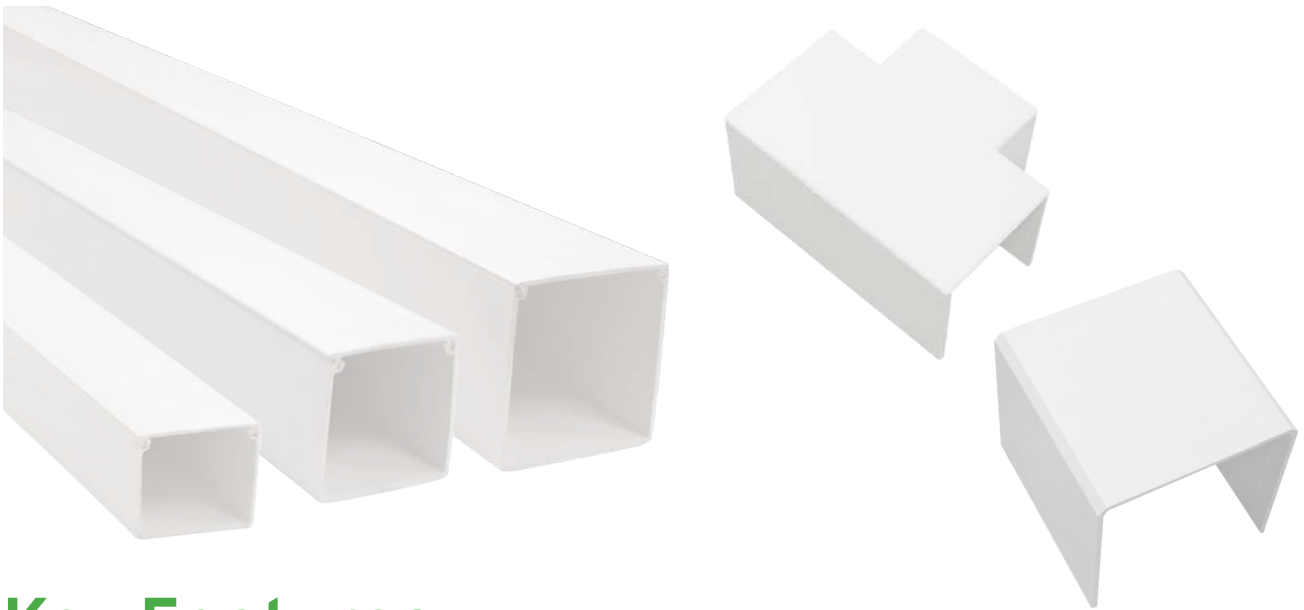
Key Features

3 Sizes Available

Maxi trunking is available in three profiles, with sizes available to suit any project installation.

Full Range of Fittings

Maxi trunking is available with a full range of supporting accessories and fittings, including moulded and fabricated accessories.

Secure-Lock Lid

Maxi's secure-lock lid provides a robust solution which ensures that both the trunking exterior aesthetics are preserved, and interior cables are protected from tapering.

Maxi Trunking

Maxi Trunking is available in three sizes, able to suit any installation.
Maxi trunking is supplied in 3 metre lengths, in a pure white finish.

Product Information			
Code	MMT50	MMT75	MMT100
Height (mm)	50	75	100
Width (mm)	50	75	100
Pack Qty	12 x 3m	12 x 3m	12 x 3m

Maxi trunking systems conform to the following standards: BS4678 Part 4, BS7671, BS 6701:2016+A1:2017, ANSI/TIA 568, ISO IEC 11801

Maxi Trunking Accessories
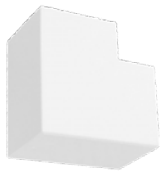
Flat Angle

Product Information		
Size (mm)	Pack Qty	Code
50 x 50	2	MMTF50
75 x 75	1	MMTF75
100 x 100	1	MMTF100

Flat angles for maxi trunking. Available in all sizes of Maxi trunking. Product shown is the MMT50 variant, 75 & 100 versions are fabricated.

Flat Tee
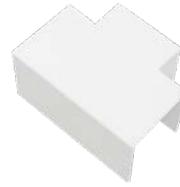
Product Information		
Size (mm)	Pack Qty	Code
50 x 50	2	MMTT50
75 x 75	1	MMTT75
100 x 100	1	MMTT100

Flat tee for maxi trunking. Available in all sizes of Maxi trunking. Product shown is the MMT50 variant, 75 & 100 versions are fabricated.

Internal Angle

Product Information		
Size (mm)	Pack Qty	Code
50 x 50	2	MMTI50
75 x 75	1	MMTI75
100 x 100	1	MMTI100

Internal angles for maxi trunking. Available in all sizes of Maxi trunking. Product shown is the MMT50 variant, 75 & 100 versions are fabricated.

External Angle
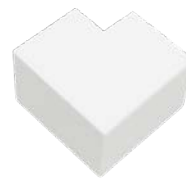
Product Information		
Size (mm)	Pack Qty	Code
50 x 50	2	MMTE50
75 x 75	1	MMTE75
100 x 100	1	MMTE100

External angles for maxi trunking. Available in all sizes of Maxi trunking. Product shown is the MMT50 variant, 75 & 100 versions are fabricated.

End Cover

Product Information		
Size (mm)	Pack Qty	Code
50 x 50	8	MMTC50
75 x 75	4	MMTC75
100 x 100	4	MMTC100

Moulded single unit end caps for Maxi trunking. Available in all three sizes. Product shown is the MMT50 variant.

Internal Joint Cover

Product Information		
Size (mm)	Pack Qty	Code
50 x 50	2	MMTJ50
75 x 75	2	MMTJ75
100 x 100	2	MMTJ100

Moulded single unit joint cover for Maxi trunking. Available in all sizes. Product shown is the MMT50 variant.

Socket Mounting Frame
100 x 100mm only

Product Information		
Description	Pack Qty	Code
1-Gang Frame	10	MMBF1
2-Gang Frame	10	MMBF2

Socket Mounting Frames for Maxi Trunking. 1 & 2 Gang options available. Frames only suitable for 100 x 100mm Trunking.

Socket Mounting Boxes
100 x 100mm only

Product Information		
Description	Pack Qty	Code
1-Gang Box	10	MMBX1
2-Gang Box	10	MMBX2

Socket Mounting Boxes for Maxi Trunking. 1 & 2 Gang options available. Boxes only suitable for 100 x 100mm Trunking.

Atkore™
Marco

Mini Trunking

Standard and Self-Adhesive Trunking System

Atkore Marco's uPVC mini trunking allows for both power and data cabling to be installed within commercial or domestic buildings, making the products ideal for new build and refurbishments.
As with its sister products, Mini trunking has been designed with a clean, pure white, modern aesthetic that incorporates a high impact resistant uPVC compound, giving the product a durable yet versatile finish.

Mini trunking is available with a self-adhesive back, for even faster and easier installation.
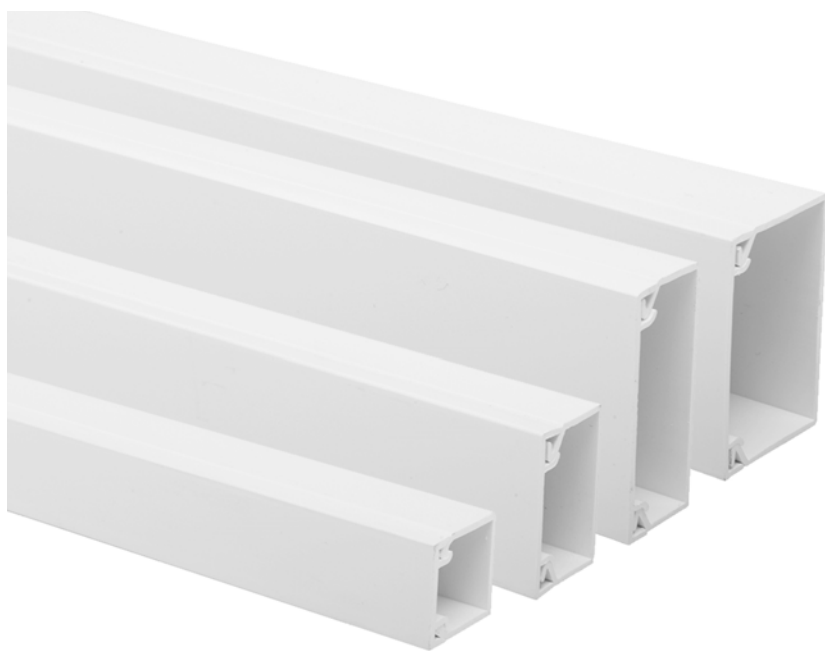
Key Features

4 Sizes Available

Mini trunking is available in four sizes, making it suitable for a number of installation requirements.

Full Range of Fittings

Each size of Atkore Marco's Mini trunking comes with a full range of fittings and accessories.

Self Adhesive

Mini trunking is available with a self adhesive base, allowing for quick installation without compromising performance.

BIM Download

Mini forms part of the Atkore Marco BIM downloads, an integral part of the Marco uPVC range, the entire Mini product family is available.

Secure-Lock Lid

Mini's snap on lid allows for quick installation of power and data cabling, with secure fit to ensure cabling is kept inside.

Mini trunking systems conform to the following standards: BS4678 Part 4, BS7671, BS 6701:2016+A1:2017, ANSI/TIA 568B, ISO IEC 11801

Mini Trunking

Mini

Available in four sizes, Mini trunking is designed for electrical contractors and data installers allowing the lid to be removed and snapped on with ease, making the product ideal for moves, adds and changes (MAC) installations. The trunking is available with a full range of fittings and accessories.

Product Information				
Code	MM1	MM2	MM3	MM4
Width (mm)	16	25	38	38
Height (mm)	16	16	16	25
Pack Qty	90m	90m	45m	45m

Mini - Self Adhesive

Mini trunking is also available with a self-adhesive backing for quick installation.

Product Information				
Code	MMS1	MMS2	MMS3	MMS4
Width (mm)	16	25	38	38
Height (mm)	16	16	16	25
Pack Qty	90m	90m	45m	45m

Mini Range

Accessories

Standard and Self-Adhesive Trunking System

Flat Angle

Product Information		
Size (mm)	Pack Qty	Code
16 x 16	60	MM1F
25 x 16	30	MM2F
38 x 16	25	MM3F
38 x 25	20	MM4F

Moulded single unit flat angle for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

Flat Tee

Product Information		
Size (mm)	Pack Qty	Code
16 x 16	20	MM1T
25 x 16	30	MM2T
38 x 16	25	MM3T
38 x 25	20	MM4T

Moulded single unit flat tee for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

Internal Angle

Product Information		
Size (mm)	Pack Qty	Code
16 x 16	50	MM1I
25 x 16	30	MM2I
38 x 16	25	MM3I
38 x 25	25	MM4I

Moulded single unit internal angle for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

External Angle

Product Information		
Size (mm)	Pack Qty	Code
16 x 16	50	MM1E
25 x 16	30	MM2E
38 x 16	25	MM3E
38 x 25	25	MM4E

Moulded single unit external angle for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

End Cover

Product Information		
Size (mm)	Pack Qty	Code
16 x 16	100	MM1C
25 x 16	100	MM2C
38 x 16	50	MM3C
38 x 25	50	MM4C

Moulded single unit end caps for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

Joint Cover

Product Information		
Size (mm)	Pack Qty	Code
16 x 16	40	MM1J
25 x 16	40	MM2J
38 x 16	25	MM3J
38 x 25	25	MM4J

Moulded single unit joint cover for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

Surface Boxes

32mm Square Edge 1 - Gang

Product Information	
Code	MSB32S1
Pack Qty	10

Includes 20mm conduit knock-out

32mm Square Edge 2 - Gang

Product Information	
Code	MSB32S2
Pack Qty	10

Includes 20mm conduit knock-out

32mm Round Edge 1 - Gang

Product Information	
Code	MSB32R1
Pack Qty	10

Includes 20mm conduit knock-out

32mm Round Edge 2 - Gang

Product Information	
Code	MSB32R2
Pack Qty	10

Includes 20mm conduit knock-out

44mm Round Edge 1 - Gang

Product Information	
Code	MSB44R1
Pack Qty	10

Includes 20mm conduit knock-out

44 mm Round Edge 2 - Gang

Product Information	
Code	MSB44R2
Pack Qty	10

Includes 20mm conduit knock-out

16 x 16 Surface Box Adapter

Product Information	
Code	MM1BA
Pack Qty	25

Includes 20mm conduit knock-out

25 x 16 Surface Box Adapter

Product Information	
Code	MM2BA
Pack Qty	25

Includes 20mm conduit knock-out

Mini Range

Atkore™
Marco

Anti-Microbial

Specification for Atkore Marco's Hygieia uPVC

Product

Antimicrobial uPVC

Product Description

Atkore Marco's anti microbial compound utilises silver ion technology, to create a defence against 99.9% of harmful bacteria growth. The antimicrobial compound is incorporated into the uPVC, and is therefore an integral part of the trunking. This results in no degradation of performance, if the surface becomes scratched or damaged as there is protection throughout the system
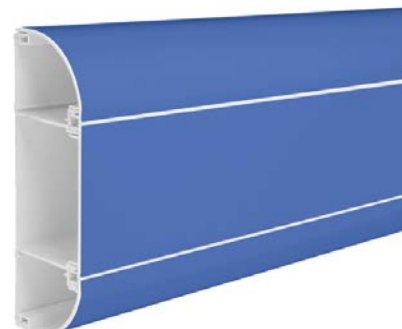
Illustration purposes only, protective blue film to be removed during installation.

Applicable Standards

ISO22196 (Measurement of antibacterial activity on plastic)

Test Results

Quantitative Assessment of Activity – ISO22196:2011 – MRSA:

Concentration of starting inoculum: 3.20×10^5 CFU/mL

Sample Descrpition	Number of Bacteria Recovered	Log Value	R =[log(B/C)]	% Survival
White PVC – untreated control	4.57×10^6	6.7	–	–
White Rigid PVC – Treated with Ag ion additive	$<5.00 \times 10^1$	<1.7	>5.0	<0.1

Quantitative Assessment of Activity – ISO22196:2011 – Klebisella Pneumonia:

Concentration of starting inoculum: 2.36×10^5 CFU/mLmL

Sample Descrpition	Number of Bacteria Recovered	Log Value	R =[log(B/C)]	% Survival
White PVC – untreated control	1.76×10^6	6.3	–	–
White Rigid PVC – Treated with Ag ion additive	$<5.00 \times 10^1$	<1.7	<4.4	<0.1

Test Report Ref

Report No. 2418041

Socket Boxes

Product

uPVC socket boxes

Product Description

Socket boxes are designed to house a number of accessories and are available in a number of sizes.

The following table is a guide to be used when installing boxes in Atkore Marco products.

BOX	PRODUCT									
	MEC3	ME3	MT60	MTD3	MTS3	MTDQ3	MT105	MTP1	MTP1W	MTBT
MTSB1	✔	✔	✔	✔	✔	✔	✔	✘	✘	✘
MTSB2	✔	✔	✔	✔	✔	✔	✔	✘	✘	✘
MTSB1-25	✔	✔	✔	✔	✔	✔	✔	✘	✘	✘
MTSB2-25	✔	✔	✔	✔	✔	✔	✔	✘	✘	✘
MTSB1-50	✘	✔	✔	✘	✘	✘	✘	✘	✘	✘
MTSB2-50	✘	✔	✔	✘	✘	✘	✘	✘	✘	✘
MTSB1-F	✔	✔	✔	—	—	—	—	✘	✘	✘
MTSB2-F	✔	✔	✔	—	—	—	—	✘	✘	✘
MTPSB1	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
MTPSB2	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔
MTPSB1-25	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
MTPSB2-25	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔

YES	NO	NO WINGS
✔	✘	—

Elite Range

Atkore™
Marco

Specification for Elite3 uPVC

Elite Range

Product
ME3

Product Description
Elite 3 – 3 Compartment Perimeter Trunking

Product Dimensions
175 x 60mm Profile
3 Metre Length

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification

Description:	3 Compartment Perimeter Trunking
Material Compliance:	ROHS & WEEE Compliant
Manufactured:	Extruded from Pellets

Material Specification: (if applicable)
Description: A Calcium/Zinc stabilised, medium/high impact uPVC

PROPERTY	Standard	UNITS	VALUE
Specific Gravity	BS2782 620A	g/cc	1.50
Vicat Softening Point	BS2782 (B50) 1990 120B	°C	78
Tensile Strength @ Yield	BS2782 320A-F	MPa	40

The above are typical test results and do not constitute any part of a specification

Colours:

ME3 – Pure White
ME3LG – Light Grey
ME3CH – Charcoal

ME3LGL – Light grey centre lid
ME3CHL – Charcoal centre lid

Additional Finishes:

ME3AM – Anti-Microbial

Base:
Pre Punched for wall mounting 200mm intervals

Walls:
Pre-Punched for wiring at 150mm intervals

Screening:
ME3SD – Slide in steel screening dividers top and bottom
ME3SDE – External angle screening divider

Lids:
ME3AL – Elite 3 Top & bottom Curved Lid
MT3CL – Marco Universal Centre Lid

Elite 3

60mm

175mm
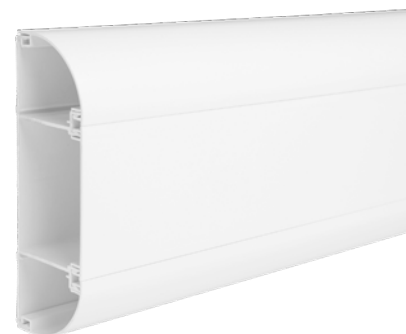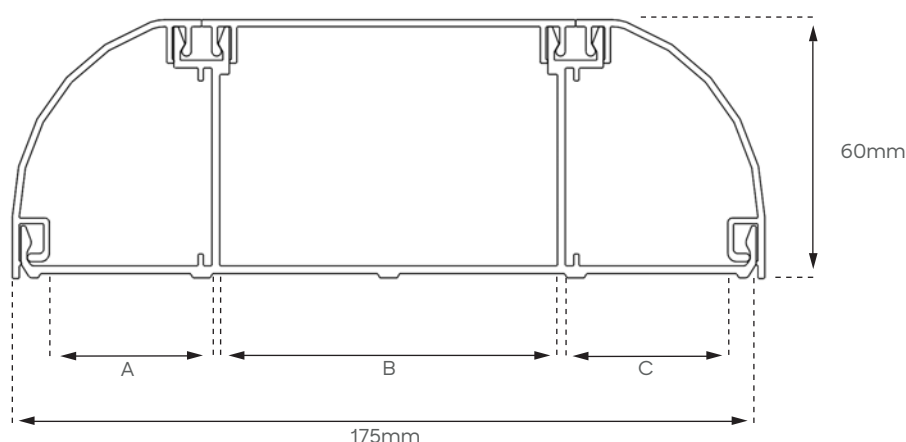
Compartment width in (mm)

A	B	C
37.8	78.6	37.8

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm²)	COMPARTMENT A 2070mm²	COMPARTMENT B			COMPARTMENT C 2070mm²
			3590mm²	3950mm² and 25mm box	3590mm² and 35mm box	
		45% Fill (928mm²)	45% Fill (1615mm²)	45% Fill (813mm²)	45% Fill (488mm²)	45% Fill (928mm²)
5	19.6	47	82	41	24	47
5.5	23.8	38	67	34	20	38
6	28.3	32	57	28	27	32
6.5	33.2	28	48	24	14	28
7	38.5	24	41	21	12	24
8	50.3	18	32	16	9	18
9	63.6	14	25	12	7	14
10	78.5	11	20	10	6	11

Power

POWER CABLE CONDUCTOR CSA (mm²)	CABLE FACTOR	COMPARTMENT A 1040mm²	COMPARTMENT B			COMPARTMENT C 1040mm²
			3590mm²	3590mm² and 25mm box	3590mm² and 35mm box	
		45% Fill (468mm²)	45% Fill (1615mm²)	45% Fill (813mm²)	45% Fill (488mm²)	45% Fill (928mm²)
1.5	8.6	107	187	98	61	107
2.5	12.6	73	126	67	41	73
4	16.6	55	97	51	31	55
6	21.2	43	76	40	25	43

Elite Range

Atkore™
Marco

Specification for Elite Compact uPVC

Product
MEC3

Product Description
Elite Compact – 3 Compartment Perimeter Trunking

Product Dimensions
145 x 50mm Profile
3 Metre Length

Applicable Standards:
BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification

Description: 3 Compartment Perimeter Trunking
Material Compliance: ROHS & WEEE Compliant
Manufactured: Extruded from Pellets

Material Specification: (if applicable)
Description: A Calcium/Zinc stabilised, medium/high impact uPVC

PROPERTY	Standard	UNITS	VALUE
Specific Gravity	BS2782 620A	g/cc	1.50
Vicat Softening Point	BS2782 (B50) 1990 120B	°C	78
Tensile Strength @ Yield	BS2782 320A-F	MPa	40

The above are typical test results and do not constitute any part of a specification

Colours:

MEC3 – Pure White   MEC3LGL – Light grey centre lid
MEC3LG – Light Grey   MEC3CHL – Charcoal centre lid
MEC3CH – Charcoal

Additional Finishes:

MEC3AM – Anti-Microbial

Base:
Pre Punched for wall mounting 200mm intervals

Walls:
Pre-Punched for wiring at 150mm intervals

Screening:
MEC3SD – Slide in steel screening dividers top and bottom
MEC3SDE – External angle screening divider

Lids:
MEC3AL – Elite Compact Top & bottom Curved Lid
MT3CL – Marco Universal Centre Lid

Elite Range

Elite Compact
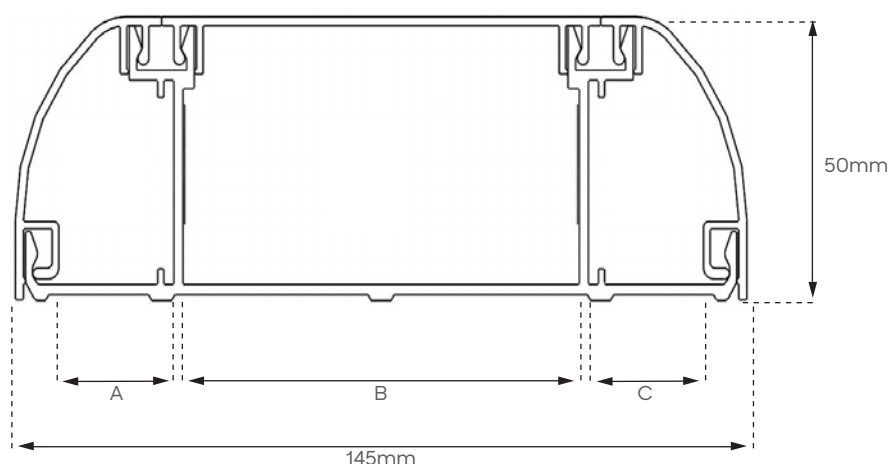
Compartment width in (mm)

A	B	C
22.8	78.6	22.8

Elite Range

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm²)	COMPARTMENT A 1040mm²	COMPARTMENT B			COMPARTMENT C 1040mm²
			3590mm²	3950mm² and 25mm box	3590mm² and 35mm box	
		45% Fill (468mm²)	45% Fill (1615mm²)	45% Fill (813mm²)	45% Fill (488mm²)	45% Fill (468mm²)
5	19.6	24	82	41	24	24
5.5	23.8	20	67	34	20	20
6	28.3	17	57	28	17	17
6.5	33.2	14	48	24	14	14
7	38.5	12	41	21	12	12
8	50.3	9	32	16	9	9
9	63.6	7	25	12	7	7
10	78.5	6	20	10	6	6

Power

POWER CABLE CONDUCTOR CSA (mm²)	CABLE FACTOR	COMPARTMENT A 1040mm²	COMPARTMENT B			COMPARTMENT C 1040mm²
			3590mm²	3590mm² and 25mm box	3590mm² and 35mm box	
		45% Fill (468mm²)	45% Fill (1615mm²)	45% Fill (813mm²)	45% Fill (488mm²)	45% Fill (928mm²)
1.5	8.6	53	187	98	61	53
2.5	12.6	36	126	67	41	36
4	16.6	27	97	51	31	27
6	21.2	21	76	40	25	21

Atkore™
Marco

Elite Range

Specification for Elite 60 uPVC

Product

MT60

Product Description

Elite 60 – 3 Compartment Perimeter Trunking

Product Dimensions

200 x 63mm Profile
3 Metre Length

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification

Description: 3 Compartment Perimeter Trunking
Material Compliance: ROHS & WEEE Compliant
Manufactured: Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC

PROPERTY	Standard	UNITS	VALUE
Specific Gravity	BS2782 620A	g/cc	1.50
Vicat Softening Point	BS2782 (B50) 1990 120B	°C	78
Tensile Strength @ Yield	BS2782 320A-F	MPa	40

The above are typical test results and do not constitute any part of a specification

Colours:

MT60 – Pure White   MT60LGL – Light grey centre lid
MT60LG – Light Grey   MT60CHL – Charcoal centre lid
MT60CH – Charcoal

Additional Finishes:

MT60AM – Anti-Microbial

Base:

Pre Punched for wall mounting 200mm intervals

Walls:

Pre-Punched for wiring at 150mm intervals

Screening:

MT60SD - Slide in steel screening dividers top and bottom
MT60SDE - External angle screening divider

Lids:

MT60AL – Elite 60 Top & bottom Curved Lid
MT3CL – Marco Universal Centre Lid

Elite 60

Atkore™ Marco

Elite Range

63mm

200mm

Compartment width in (mm)

A	B	C
21.5	90	67.5

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm²)	COMPARTMENT A 1052mm²	COMPARTMENT B				COMPARTMENT C 3970mm²
			4609mm²	4609mm² and 25mm back box (2911mm²)	4609mm² and 35mm back box (2188mm²)	4609mm² and 50mm back box (1105mm²)	
		45% Fill (473mm²)	45% Fill (2074mm²)	45% Fill (1309mm²)	45% Fill (984mm²)	45% Fill (497mm²)	45% Fill (1786mm²)
5	19.6	24	105	66	50	25	91
5.5	23.8	19	87	55	41	20	75
6	28.3	26	73	46	34	17	63
6.5	33.2	14	62	39	29	14	53
7	38.5	12	53	34	25	12	46
8	50.3	9	41	26	19	9	35
9	63.6	7	32	20	15	7	28
10	78.5	6	26	16	12	6	22

Power

POWER CABLE CONDUCTOR CSA(mm)	CABLE FACTOR	COMPARTMENT A 1052mm²	COMPARTMENT B				COMPARTMENT C 3970mm²
			4609mm²	4609mm² and 25mm back box (2911mm²)	4609mm² and 35mm back box (2188mm²)	4609mm² and 50mm back box (1105mm²)	
		45% Fill (473mm²)	45% Fill (2074mm²)	45% Fill (1309mm²)	45% Fill (984mm²)	45% Fill (497mm²)	45% Fill (1786mm²)
5	8.6	55	241	152	114	57	207
5.5	12.6	37	162	103	78	39	139
6	16.6	28	124	78	59	29	107
6.5	21.2	22	97	61	46	23	84

Atkore™
Marco

Apollo Range

Apollo 3

Specification for Apollo 3 uPVC

Product

MTD3, MTDQ3, MTS3

Product Description

Dado – Apollo 3 compartment perimeter trunking
Square – Apollo 3 compartment perimeter trunking
Skirting – Apollo 3 compartment perimeter trunking

Product Dimensions

170 x 50mm Profile
3 metre Length

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification

Description: 3 Compartment Perimeter Trunking for Dado & Skirting Mounting
Material Compliance: ROHS & WEEE Compliant
Manufactured: Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC

PROPERTY	Standard	UNITS	VALUE
Specific Gravity	BS2782 620A	g/cc	1.50
Vicat Softening Point	BS2782 (B50) 1990 120B	°C	78
Tensile Strength @ Yield	BS2782 320A-F	MPa	40

The above are typical test results and do not constitute any part of a specification

Colours:

MTD3 – Pure White   MTD3LGL – Light grey centre lid
MTD3LG – Light Grey   MTD3CHL – Charcoal centre lid
MTD3CH – Charcoal

Additional Finishes:

MTD3AM – Anti-Microbial

*Replace MTD3 with MTDQ3 for Square or MTS3 for Skirting

Base:

Pre Punched for wall mounting 200mm intervals

Screening:

MTAS – Slide in steel screening dividers top and bottom
MTD105 – External angle screening divider

Lids:

MTD3AL – Apollo Chamfered Lid
MTD3SL – Apollo Square Lid
MT3CL – Marco Universal Centre Lid

Apollo 3 Dado
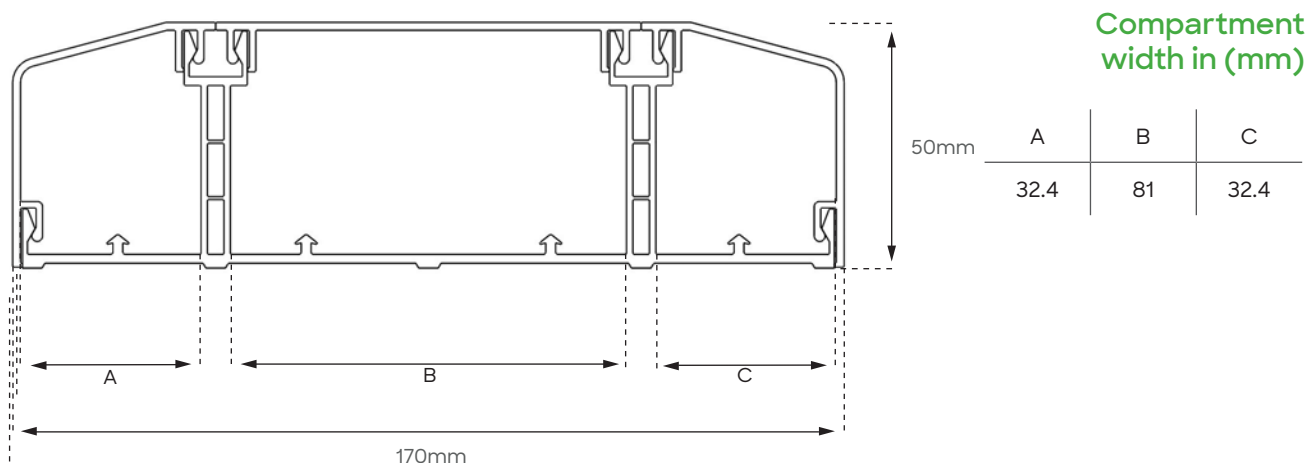
Compartment width in (mm)

	A	B	C
	32.4	81	32.4

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm²)	COMPARTMENT A 1470mm²	COMPARTMENT B			COMPARTMENT C 1470mm²
			3590mm²	3590mm² and 25mm back box (1891mm²)	3590mm² and 35mmback box (1170mm²)	
		45% Fill (661.5mm²)	45% Fill (1615.5mm²)	45% Fill (851mm²)	45% Fill (526mm²)	45% Fill (661.5mm²)
5	19.6	33	82	43	26	33
5.5	23.8	27	67	35	22	27
6	28.3	23	57	30	18	23
6.5	33.2	19	48	25	15	19
7	38.5	17	41	22	13	17

Power

POWER CABLE CONDUCTOR CSA(mm²)	CABLE FACTOR	COMPARTMENT A 1470mm²	COMPARTMENT B			COMPARTMENT C 1040mm²
			3590mm²	3590mm² and 25mm back box (1891mm²)	3590mm² and 35mmback box (1170mm²)	
		45% Fill (661.5mm²)	45% Fill (1615.5mm²)	45% Fill (851mm²)	45% Fill (526mm²)	45% Fill (661.5mm²)
1.5	8.6	76	187	98	61	76
2.5	12.6	51	126	67	41	51
4	16.6	39	97	51	31	39
6	21.2	31	76	40	25	31

Apollo Range

Atkore™ Marco

Apollo 3 Square

Dimensions & Capacities for Apollo 3 Square

50mm

170mm

Compartment width in (mm)

A	B	C
37	81	37

Data

| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm²) | COMPARTMENT A 1470mm² | COMPARTMENT B | | | COMPARTMENT C 1595mm² |
| | | | 3590mm² | 3590mm² and 25mm back box (1891mm²) | 3590mm² and 35mmback box (1170mm²) | |
		45% Fill (661.5mm²)	45% Fill (1615.5mm²)	45% Fill (851mm²)	45% Fill (526mm²)	45% Fill (716mm²)
5	19.6	36	82	43	26	36
5.5	23.8	30	67	35	22	30
6	28.3	25	57	30	18	25
6.5	33.2	21	48	25	15	21
7	38.5	18	41	22	13	18

Power

| POWER CABLE CONDUCTOR CSA(mm²) | CABLE FACTOR | COMPARTENT A 1595mm² | COMPARTMENT B | | | COMPARTMENT C 1595mm² |
| | | | 3590mm² | 3590mm² and 25mm back box (1891mm²) | 3590mm² and 35mm back box (1170mm²) | |
		45% Fill (716mm²)	45% Fill (1615.5mm²)	45% Fill (851mm²)	45% Fill (526mm²)	45% Fill (716mm²)
1.5	8.6	83	187	98	61	83
2.5	12.6	55	126	67	41	55
4	16.6	43	97	51	31	43
6	21.2	33	76	40	25	33

Apollo 3 Skirting

Dimensions & Capacities for Apollo 3 Skirting

50mm

170mm

Compartment width in (mm)

A	B	C
32.4	81	37

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm²)	COMPARTMENT A 1470mm²	COMPARTMENT B			COMPARTMENT C 1591mm²
			3590mm²	3590mm² and 25mm back box (1891mm²)	3590mm² and 35mm back box (1170mm²)	
		45% Fill (661.5mm²)	45% Fill (1615.5mm²)	45% Fill (851mm²)	45% Fill (526mm²)	45% Fill (716mm²)
5	19.6	33	82	43	26	36
5.5	23.8	27	67	35	22	30
6	28.3	23	57	30	18	25
6.5	33.2	19	48	25	15	21
7	38.5	17	41	22	13	18

Power

POWER CABLE CONDUCTOR CSA(mm²)	CABLE FACTOR	COMPARTENT A 1595mm²	COMPARTMENT B			COMPARTMENT C 1591mm²
			3590mm²	3590mm² and 25mm back box (1891mm²)	3590mm² and 35mm back box (1170mm²)	
		45% Fill (716mm²)	45% Fill (1615.5mm²)	45% Fill (851mm²)	45% Fill (526mm²)	45% Fill (716mm²)
1.5	8.6	76	187	98	61	83
2.5	12.6	51	126	67	41	55
4	16.6	39	97	51	31	43
6	21.2	31	76	40	25	33

Atkore™ Marco

Specification for Apollo 4 uPVC

Product
MTD4, MTDQ4, MTS4

Product Description
Dado – Apollo 4 compartment perimeter trunking
Square – Apollo 4 compartment perimeter trunking
Skirting – Apollo 4 compartment perimeter trunking

Product Dimensions
257 x 50mm Profile
3 metre Length

MTD4   MTDQ4   MTS4

Applicable Standards:
BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification
Description: 4 Compartment Perimeter Trunking for Dado & Skirting Mounting
Material Compliance: ROHS & WEEE Compliant
Manufactured: Extruded from Pellets

Material Specification: (if applicable)
Description: A Calcium/Zinc stabilised, medium/high impact uPVC

PROPERTY	Standard	UNITS	VALUE
Specific Gravity	BS2782 620A	g/cc	1.50
Vicat Softening Point	BS2782 (B50) 1990 120B	°C	78
Tensile Strength @ Yield	BS2782 320A-F	MPa	40

The above are typical test results and do not constitute any part of a specification

Colours:
MTD4 – Pure White   MTD4LGL – Light grey centre lid
MTD4LG – Light Grey   MTD4CHL – Charcoal centre lid
MTD4CH – Charcoal

Additional Finishes:
MTD4AM – Anti-Microbial

*Replace MTD4 with MTDQ4 for Square or MTS4 for Skirting

Base:
Prepunched for wall mounting 200mm intervals

Screening:
MTAS – Slide in steel screening dividers top and bottom

Lids:
MTD3AL – Apollo Chamfered Lid
MTD3SL – Apollo Square Lid
MT3CL – Atkore Marco Universal Centre Lid

Apollo Range

Apollo 4 Dado
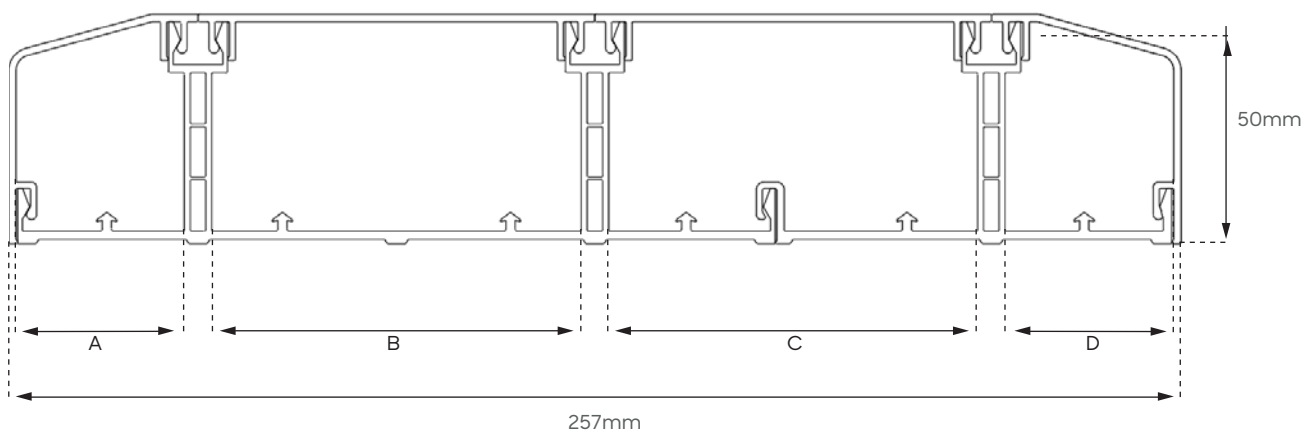
Compartment width in (mm)

A	B	C	D
32.4	81	81	32.4

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm²)	COMPARTMENT A 1470mm²	COMPARTMENT B AND C			COMPARTMENT D 1470mm²
			3590mm²	3590mm² and 25mm back box (1891mm²)	3590mm² and 35mm back box (1170mm²)	
		45% Fill (661.5mm²)	45% Fill (1615.5mm²)	45% Fill (851mm²)	45% Fill (526mm²)	45% Fill (661.5mm²)
5	19.6	33	82	43	26	33
5.5	23.8	27	67	35	22	27
6	28.3	23	57	30	18	23
6.5	33.2	19	48	25	15	19
7	38.5	17	41	22	13	17

Power

POWER CABLE CONDUCTOR CSA(mm²)	CABLE FACTOR	COMPARTMENT A 1470mm²	COMPARTMENT B AND C			COMPARTMENT C 1040mm²
			3590mm²	3590mm² and 25mm back box (1891mm²)	3590mm² and 35mm back box (1170mm²)	
		45% Fill (661.5mm²)	45% Fill (1615.5mm²)	45% Fill (851mm²)	45% Fill (526mm²)	45% Fill (661.5mm²)
1.5	8.6	76	187	98	61	76
2.5	12.6	51	126	67	41	51
4	16.6	39	97	51	31	39
6	21.2	31	76	40	25	31

Apollo Range

Atkore Marco

Apollo 4 Square

Dimensions & Capacities for Apollo 4 Square

257mm
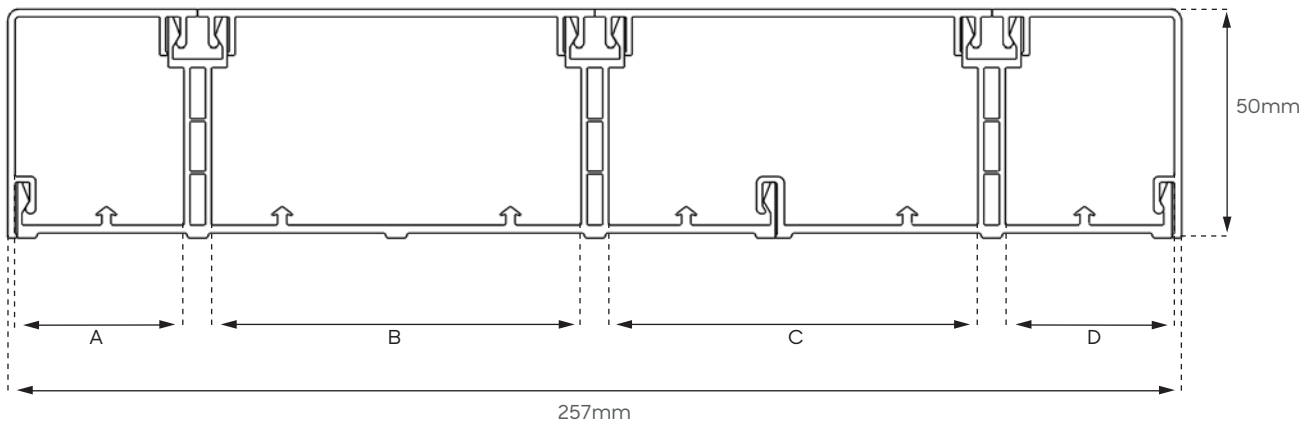
Compartment width in (mm)

A	B	C	D
37	81	81	37

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm²)	COMPARTMENT A 1595mm²	COMPARTMENT B AND C			COMPARTMENT D 1595mm²
			3590mm²	3590mm² and 25mm back box (1891mm²)	3590mm² and 35mm back box (1170mm²)	
		45% Fill (716mm²)	45% Fill (1615.5mm²)	45% Fill (851mm²)	45% Fill (526mm²)	45% Fill (716mm²)
5	19.6	36	82	43	26	36
5.5	23.8	30	67	35	22	30
6	28.3	25	57	30	18	25
6.5	33.2	21	48	25	15	21
7	38.5	18	41	22	13	18

Power

POWER CABLE CONDUCTOR CSA(mm²)	CABLE FACTOR	COMPARTMENT A 1595mm²	COMPARTMENT B AND C			COMPARTMENT D 1595mm²
			3590mm²	3590mm² and 25mm back box (1891mm²)	3590mm² and 35mm back box (1170mm²)	
		45% Fill (716mm²)	45% Fill (1615.5mm²)	45% Fill (851mm²)	45% Fill (526mm²)	45% Fill (716mm²)
1.5	8.6	83	187	98	61	83
2.5	12.6	55	126	67	41	55
4	16.6	43	97	51	31	43
6	21.2	33	76	40	25	33

Apollo 4 Skirting
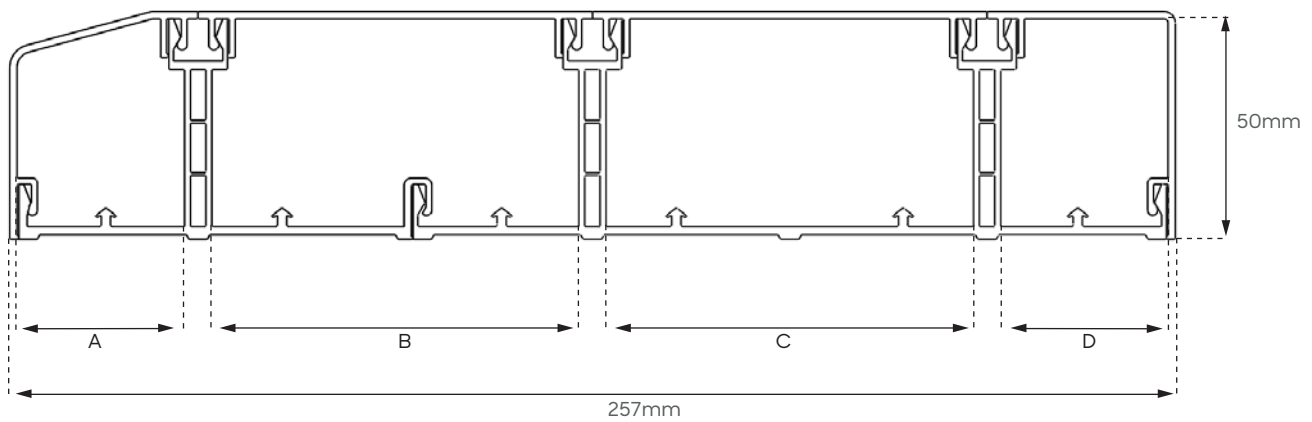
Compartment width in (mm)

A	B	C	D
32.4	81	81	37

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm²)	COMPARTMENT A 1470mm²	COMPARTMENT B			COMPARTMENT C 1591mm²
			3590mm²	3590mm² and 25mm back box (1891mm²)	3590mm² and 35mm back box (1170mm²)	
		45% Fill (661.5mm²)	45% Fill (1615.5mm²)	45% Fill (851mm²)	45% Fill (526mm²)	45% Fill (716mm²)
5	19.6	33	82	43	26	36
5.5	23.8	27	67	35	22	30
6	28.3	23	57	30	18	25
6.5	33.2	19	48	25	15	21
7	38.5	17	41	22	13	18

Power

POWER CABLE CONDUCTOR CSA(mm²)	CABLE FACTOR	COMPARTMENT A 1595mm²	COMPARTMENT B			COMPARTMENT C 1591mm²
			3590mm²	3590mm² and 25mm back box (1891mm²)	3590mm² and 35mm back box (1170mm²)	
		45% Fill (716mm²)	45% Fill (1615.5mm²)	45% Fill (851mm²)	45% Fill (526mm²)	45% Fill (716mm²)
1.5	8.6	76	187	98	61	83
2.5	12.6	51	126	67	41	55
4	16.6	39	97	51	31	43
6	21.2	31	76	40	25	33

Atkore™
Marco

Juno

Specification for Juno uPVC

Product
MT105

Product Description
Juno – 1 Compartment Perimeter Trunking

Product Dimensions
100 x 50mm Profile
3 metre Length

Applicable Standards:
BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174–2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification

Description: 1 Compartment Perimeter Trunking
Material Compliance: ROHS & WEEE Compliant
Manufactured: Extruded from Pellets

Material Specification: (if applicable)
Description: A Calcium/Zinc stabilised, medium/high impact uPVC

PROPERTY	Standard	UNITS	VALUE
Specific Gravity	BS2782 620A	g/cc	1.50
Vicat Softening Point	BS2782 (B50) 1990 120B	°C	78
Tensile Strength @ Yield	BS2782 320A–F	MPa	40

The above are typical test results and do not constitute any part of a specification

Colours:

MT105 – Pure White   MT105LGL – Light Grey Lid
MT105CH – Charcoal   MT105CHL– Charcoal Lid

Additional Finishes:

MT105AM – Anti–Microbial

Base:
Prepunched for wall mounting 200mm intervals

Screening:
MTAS – Slide in steel screening dividers top and bottom

Lids:
MT3CL – Atkore Marco Universal Centre Lid
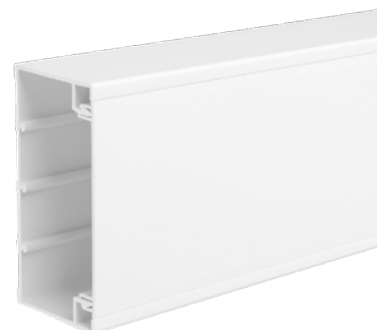
Juno

Dimensions & Capacities for Juno

50mm

100mm

A
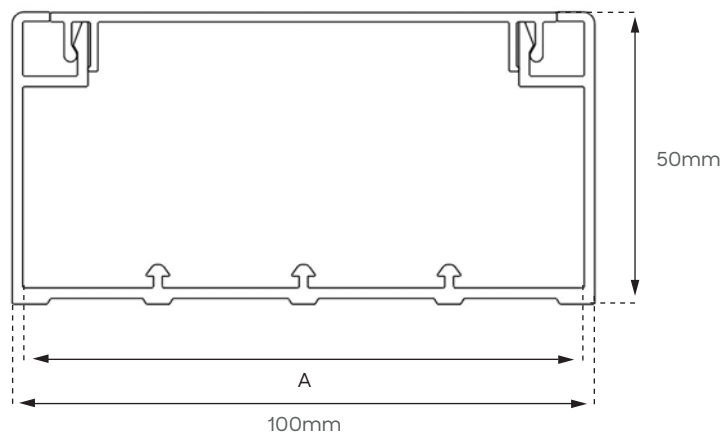
A
96.5

Compartment width in (mm)

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm²)	COMPARTMENT A		
		4120mm²	4116mm² and 25mm back box (2420mm²)	4116mm² and 35mm back box (1700mm²)
		45% Fill (1825mm²)	45% Fill (1089mm²)	45% Fill (765mm²)
5	19.6	94	55	39
5.5	23.8	77	45	32
6	28.3	65	38	27
6.5	33.2	55	32	23
7	38.5	48	28	19

Power

POWER CABLE CONDUCTOR CSA(mm²)	CABLE FACTOR	COMPARTMENT A		
		4120mm²	4116mm² and 25mm back box (2420mm²)	4116mm² and 35mm back box (1700mm²)
		45% Fill (1825mm²)	45% Fill (1089mm²)	45% Fill (765mm²)
1.5	8.6	215	126	88
2.5	12.6	144	85	59
4	16.6	111	65	46
6	21.2	87	51	36

Atkore™ Marco

Specification for Mini uPVC

Product Code

MM1	MMS1
MM2	MMS2
MM3	MMS3
MM4	MMS4

Product Description

Mini Trunking, 4-sizes, standard and self-adhesive

Product Dimensions

MM1 – 16 x 16
MM2 – 25 x 16
MM3 – 38 x 16
MM4 – 38 x 25

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification:

Description:	1 Compartment Perimeter Trunking
Material Compliance:	ROHS & WEEE Compliant
Manufactured:	Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC.

PROPERTY	Standard	UNITS	VALUE
Density	ISO 1183-1	kg/m^2	1425
Vicat Softening Point	BS2782 (B50) 1990 120B	°C	75
Tensile Strength @ Yield	BS2782 320A-F	MPa	48.5
Elongation at break	ISO R527	%	40
Flexural Strength	ISO 178	MPa	67
Flexural Modulus	ISO 178	GPa	2.5
Izod Impat Strength @ 23°C	ISO 180	KJ/m^2	9
Melt Flow Index	ASTM D1238	g/10min	45

The above are typical test results and do not constitute any part of a specification

Colours:

MM1 – Pure White
MM2 – Pure White
MM3 – Pure White
MM4 – Pure White

Additional Finishes:

MMS1 – Self Adhesive
MMS2 – Self Adhesive
MMS3 – Self Adhesive
MMS4 – Self Adhesive

MM1 — 16 mm × 16 mm (13.8 mm)

MM2 — 16 mm × 25 mm (22.8mm)

MM3 — 16 mm × 38 mm (35.8mm)

MM4 — 25 mm × 38 mm (35.8mm)
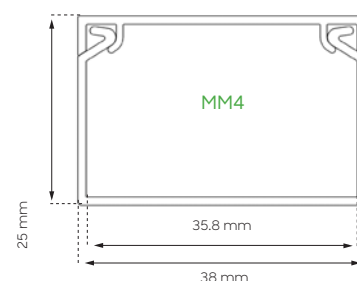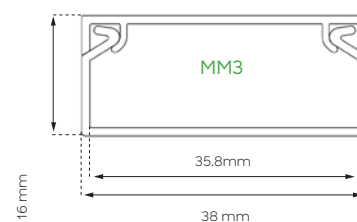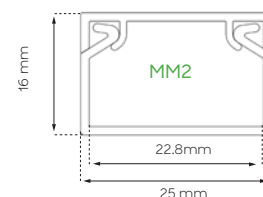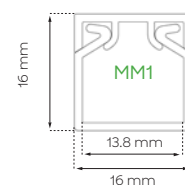
Maxi

Product Code

MMT50
MMT75
MMT100

Product Description

Maxi Trunking, 3 size uPVC trunking

Product Dimensions

MMT50 – 50 x 50mm
MMT75 – 75 x 75mm
MMT100 – 100 x 100mm

Colours:

Pure White

Applicable Standards:

BS 4678 Part 4
BS 7671 (17th Edition IEE regs)
BS 6701, ANSI/TIA/EIA 568B, ISO IEC 11801 (ED 2.0)

Product Specification:

Description:	1 Compartment Perimeter Trunking
Material Compliance:	ROHS & WEEE Compliant
Manufactured:	Extruded from Pellets

Material Specification: (if applicable)

Description: Flame retardant uPVC

Softening Point:

BS 2782 Method 120B

Thermal Properties:

Coefficient of linear expansion: $7.0 \times 10\text{-}5^{\circ}C$ to $60^{\circ}C$

Cable Capacity:

Nominal cross section area based on 45% capacity: 930mm²

TYPE OF CONDUCTOR	CONDUCTOR CROSS-SECTIONAL AREA MM²	FACTOR
Solid	1.5	7.1
	2.5	10.2
	1.5	8.1
Stranded	2.5	11.4
	4	15.2
	6	22.9
	10	36.3

For each cable used, obtain cable factors from this table and add all factors together, comparing them to the capacities given.

Any trunking with a space factor equal or greater than that of the cables, will comfortably house cabling requirements.
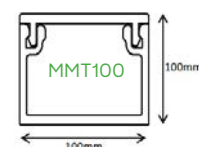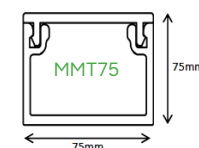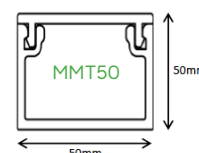
Aluminium Bench Systems

Desktop Solutions from Atkore Marco

BENCH TRUNKING CONTENTS

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Atkore™
Marco

Aluminium Bench Trunking

Desktop Cable Management

Bench Trunking is manufactured from satin anodised aluminium and is fitted with a white uPVC centre lid.
Available in both anodised aluminium and white powder-coated finishes, Atkore Marco's Bench Trunking systems are the perfect solution for environments where a robust solution is required.

Bench Trunking is available as Individual Lengths, Back-to-Back lengths and as a variety of Pre-Assembled Units, ideal for island workstations or modular builds.

A full range of moulded and fabricated fittings is available, and both 35 and 25mm back boxes can be installed at any point along the system. Optional 2-metre clip-in dividers (MTD1052) are available for segregation of power and data cabling.

MTBT
Bench Trunking

MTBT-BB
Back-to-Back Lengths

MTBU
Bench Units

Key Features

DDA & Part M
Bench Trunking is also able to accommodate contrasting centre lids and socket plates, perfect for use in schools and labs.

Strong & Secure
The aluminium body used for Atkore Marco's Bench Trunking keeps the product sturdy and strong. Perfect for installations where heavy use is expected.

100 x 100mm Profile
Designed for capacity, Bench Trunking has a large main compartment which can be split in to multiple compartments if required.
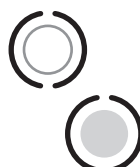
2 Colours Available
MTBT Bench Trunking system is available in Silver and White.
Silver systems have a brushed aluminium finish, white systems have a powder coated finish.

Bench systems meet and exceed the requirements for BS 4678, BS 7671, BS 6701, ISO/IEC 1181 (ED2.0 Amd 2), and Cenlec (BS EN 50173 Part 1/2, BS EN 50174-2) standards.

Aluminium Bench Trunking

Bench Trunking

Available in both anodised aluminium and white powder coated finishes making it a suitable choice for a number of environments.

Bench Trunking is suitable for desk, bench or worktop applications, and can also be installed on the underside of shelving if required.

Bench Trunking can accept 25mm and 35mm socket boxes and has a range of complementing accessories to suit.

Bench Trunking is available with DDA compliant Light Grey or Charcoal Centre Lid.

CODE	DESCRIPTION	LENGTH	PACK QTY
MTBT	Bench Trunking – Aluminium Body, uPVC Lid	2m	1 x 2m
MTBTW	Bench Trunking – White Powder Coated Body, uPVC Lid	2m	1 x 2m

Back To Back Bench Trunking

Bench Trunking is available in back-to-back lengths, perfect for long runs of facing tables in environments such as classrooms or labs. The back-to-back design allows for socket boxes to be installed on either side of the trunking without compromising stability or functionality.

Bench Trunking is available with DDA compliant Light Grey or Charcoal Centre Lid.

CODE	DESCRIPTION	LENGTH	PACK QTY
MTBT-BB	Back to Back – Aluminium Body, uPVC Lid	2m	1 x 2m
MTBT-BBW	Back to Back – White Powder Coated Body, uPVC Lid	2m	1 x 2m

Accessories

Bench Trunking can accommodate the following accessory boxes and divider strip.

CODE	DESCRIPTION	PACK QTY
MTPSB1	Socket Mounting Box 35mm 1-gang	10
MTPSB1-25	Socket Mounting Box 25mm 1-gang	10
MTPSB2	Socket Mounting Box 35mm 2-gang	10
MTPSB2-25	Socket Mounting Box 25mm 2-gang	10
MTD1052	uPVC Divider	10 x 2m
MTBTRCDH	RCD/DIN Rail Housing Kit	1

Aluminium Systems

Accessories

Desktop Cable Management Systems

Internal Angle – Silver

Product Information	
Code	MTBTI
Dimensions (mm)	150 x 150 x 100
Pack Qty	1

Fabricated internal angle for Bench Trunking. Anodised aluminium body, white uPVC lid.
Additional joint covers (MTBTJ) required when fitting.

Internal Angle – White
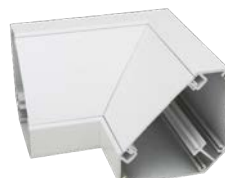
Product Information	
Code	MTBTIW
Dimensions (mm)	150 x 150 x 100
Pack Qty	1

Fabricated internal angle for Bench Trunking. White powder coated aluminium body, white uPVC lid.
Additional joint covers (MTBTJ) required when fitting.

External Angle – Silver

Product Information	
Code	MTBTE
Dimensions (mm)	150 x 150 x 100
Pack Qty	1

Fabricated external angle for Bench Trunking. Anodised aluminium body, white uPVC lid.
Additional joint covers (MTBJ) required when fitting.

External Angle – White

Product Information	
Code	MTBTEW
Dimensions (mm)	150 x 150 x 100
Pack Qty	1

Fabricated external angle for Bench Trunking. White powder coated aluminium body, white uPVC lid.
Additional joint covers (MTBJ) required when fitting.

End Cover

Product Information	
Code	MTBC
Dimensions (mm)	102.5 x 102.5 x 11.5
Pack Qty	2

Moulded end caps, supplied in pairs matching trunking profile. uPVC End Covers are available in white, light grey and charcoal. Screws Included.

Joint Cover

Product Information	
Code	MTBJ
Dimensions (mm)	102 x 102 x 25
Pack Qty	2

Moulded joint covers with an easy clip-in mechanism for faster installation. Joint covers must be fixed when joining lengths together. uPVC Joint Covers are available in white, light grey and charcoal.

Aluminium Systems

Bench Trunking Units

1 – Gang Units

Product Information			
Code	MTBU1	MTBU1W	MTBU1-BB	MTBU1-BBW
Height (mm)	102.5	102.5	102.5	102.5
Length (mm)	129	129	129	129
Pack Qty	1	1	1	1

2 – Gang Units

Product Information			
Code	MTBU2	MTBU2W	MTBU2-BB	MTBU2-BBW
Height (mm)	102.5	102.5	102.5	102.5
Length (mm)	190	190	190	190
Pack Qty	1	1	1	1

3 – Gang Units

Product Information			
Code	MTBU3	MTBU3W	MTBU3-BB	MTBU3-BBW
Height (mm)	102.5	102.5	102.5	102.5
Length (mm)	291	291	291	291
Pack Qty	1	1	1	1

4 – Gang Units

Product Information			
Code	MTBU4	MTBU4W	MTBU4-BB	MTBU4-BBW
Height (mm)	102.5	102.5	102.5	102.5
Length (mm)	352	352	352	352
Pack Qty	1	1	1	1

Alternative configurations and sizes are available. Please contact our sales team for more information on the range.

Aluminium Systems

Atkore™ Marco

Bench Trunking

Specification for Bench Trunking Systems

Product Code

MTBT / MTBTW

Product Description

Aluminium Bench Trunking

Product Dimensions

100 x 100mm Profile
2 Metre Length

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification:

Description:	Aluminium Bench Trunking with uPVC lid
Material Compliance:	ROHS & WEEE Compliant
Manufactured:	Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC

PROPERTY	Standard	UNITS	VALUE
Specific Gravity	BS2782 620A	g/cc	1.50
Vicat Softening Point	BS2782 (B50) 1990 120B	°C	78
Tensile Strength @ Yield	BS2782 320A-F	MPa	40

The above are typical test results and do not constitute any part of a specification

Colours:

MTBT – Aluminium body, white uPVC lid
MTBTW – White powder coated aluminium body, white uPVC lid

Base:

Pre Punched for wall mounting 200mm intervals

Screening:

MTAS – Slide in 2 metre uPVC divider

Lids:

MT3CL – Universal Centre Lid – Supplied in 3 metre lengths, need to be cut to size

Bench Trunking

Atkore™ Marco
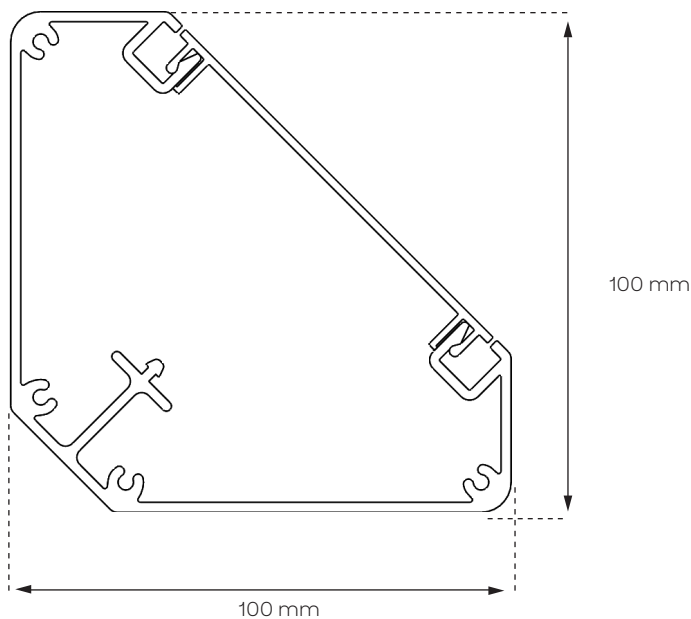
Compartment width in (mm)

A	B	C
21.5	80	67

Internal Height

58mm

Aluminium Systems

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm²)	COMPARTMENT B		
		6296 mm²	6296 mm² and 25mm back box (4582 mm²)	6296 mm² and 35mm back box (3860 mm²)
		45% Fill (2833 mm²)	45% Fill (2061 mm²)	45% Fill (1737 mm²)
5	19.6	144	105	88
5.5	23.8	119	86	72
6	28.3	100	72	61
6.5	33.2	85	62	52
7	38.5	73	53	45

Power

POWER CABLE CONDUCTOR CSA (mm²)	CABLE FACTOR	COMPARTMENT B		
		6296 mm²	6296 mm² and 25mm back box (4582 mm²)	6296 mm² and 35mm back box (3860 mm²)
		45% Fill (2833 mm²)	45% Fill (2061 mm²)	45% Fill (1737 mm²)
1.5	8.6	329	239	201
2.5	12.6	224	163	137
4	16.6	170	124	104
6	21.2	133	97	81

Aluminium Power Poles & Posts

Power & Data distribution for open plan spaces

POWER POLES & POSTS
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Atkore™
Marco

Power Poles & Posts
3.6 Metre & 650mm

Aluminium Cable Management Solutions

Power Poles and posts are a perfect solution for projects requiring power and data distribution to island workstations or in the middle of open-plan spaces.

The systems benefit from strong aluminium profiles, designed to retain their rigidity in all installation environments.

Both the pole and post can achieve DDA compliance using contrasting centre lids.

Each system is ready to install out of the box and comes pre-packed with all necessary accessories and fittings.

Power Poles are available in Silver, and White finishes. All poles are supplied with white uPVC fittings.

Key Features

Strong & Secure

The system benefits from a strong aluminium core profile, keeping it rigid and secure in all types of installation.*

DDA & Part M

Poles & Posts are also able to accommodate contrasting centre lids, perfect for use in schools and labs.

Ready, straight from the box

Each of the poles and posts are supplied with all necessary accessories straight out of the box. This includes 6 x 1-Gang 35mm accessory boxes and 6 metres of dividing strip.
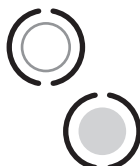
2 Colours Available

Power Poles & Posts are available in Silver and White.
Silver systems have a brushed aluminium finish, white systems have a powder coated finish.

*Extra jacking mechanism required when cutting pole down to size.

Power Poles & Posts

Aluminium Cable Management Solutions

Silver & White Power Poles

Manufactured from aluminium for extra rigidity and strength, Power Poles are designed to carry power and data cabling from floors or ceilings.

Available in standard silver brushed aluminium or white powder coated finishes, Power Poles are able to accommodate any installation.

Power Poles are also available in 5 metres, and standard 3.6 metre poles can be extended using the 1 metre extension kit (MTP1E1/MTP1E1W).

5 Metre AVAILABLE

CODE	DESCRIPTION	PACK QTY
MTP1	Power Pole, Silver Aluminium Body, uPVC Lids	1 x 3.6m
MTP1-5	Power Pole, Silver Aluminium Body, uPVC Lids, 5 Metre	1 x 5m
MTP1W	Power Pole, White Powder-Coated Body, uPVC Lids	1 x 3.6m
MTP1W-5	Power Pole, White Powder-Coated Body, uPVC Lids, 5 Metre	1 x 5m

Each pole is supplied with the following:

- 6 x 35mm 1-Gang Socket Boxes.
- 6 x Metres of Divider.
- 10 x MTLS Accessory Spacers.
- 1 x Jacking Mechanism.
- 1 x Floor Boot.
- 1 x Ceiling Shroud.

Silver & White Power Posts

Power posts offer all the same cable management services as the Power Poles, in a smaller, desk height.

Posts are designed to carry cabling from underfloor systems to allow for power and data access in open plan spaces, specifically those which require under-desk access.

1 Metre power posts are also available.

CODE	DESCRIPTION	PACK QTY
MTPP1	Power Post, Silver Aluminium Body, uPVC Lids	1 x 650mm
MTPP1-1000	Power Post, Silver Aluminium Body, uPVC Lids, 1 Metre	1 x 1m
MTPP1W	Power Post, White Powder-Coated Body, uPVC Lids	1 x 650mm
MTPP1W-1000	Power Post, White Powder-Coated Body, uPVC Lids, 1 Metre	1 x 1m

Each post is supplied with the following:

- 6 x 35mm 1-Gang Socket Boxes.
- 6 x Metres of Divider.
- 10 x MTLS Accessory Spacers.
- 1 x Mounting Spline.
- 1 x Floor Boot.
- 1 x Pyramid Top.

Aluminium Systems

Atkore™ Marco

Aluminium Cable Management Solutions

35mm Accessory Box

Product Information	
Code	MTPSB1
Pack Qty	10

35mm Accessory box with 4 lugs.

25mm Accessory Box

Product Information	
Code	MTPSB1-25
Pack Qty	10

25mm Accessory box with 4 lugs.

Ceiling Shroud

Product Information	
Code	MTPCS
Pack Qty	1

Replacement ceiling shroud for Power Poles. White uPVC.

Floor Boot

Product Information	
Code	MTPFB
Pack Qty	1

Replacement floor boot, fits both Power Poles & Posts. White uPVC.

Pyramid Top

Product Information	
Code	MTPPT
Pack Qty	1

Replacement pyramid top for the MTPP1 power posts. White uPVC

1 Metre Extension Kit

Product Information	
Code	MTP1E1/MTP1E1W
Pack Qty	1

1 metre extension kits for Power Poles. Available in silver and white.

Aluminium Systems

Power Pole Accessories

Aluminium Cable Management Solutions

RCD/MCB DIN Rail Housing

Product Information	
Code	MTPRCDH
Pack Qty	1

Includes: hinged cover, mounting frame and mounting bracket. Locking mechanism available.

Accessory Spacer

Product Information	
Code	MTLS
Pack Qty	10

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

Divider Strip

Product Information	
Code	MTD105
Pack Qty	16 x 1.5m

Slide in uPVC divider for Power Poles & Posts. Supplied in 1.5m lengths.

Aluminium Systems

Atkore™
Marco

Power Pole & Post

Specification for Power Pole & Post

Product Code

MTP1 / MTP1W
MTPP1 / MTPP1W

Product Description

Aluminium Power Pole & Power Post, Aluminium body, uPVC lids

Product Dimensions: Power Pole

100 x 100mm Profile
3.6 Metre Length

Product Dimensions: Power Post

100 x 100mm Profile
0.65 Metre Length

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification:

Description:	Aluminium Power Pole & Post with uPVC lid
Material Compliance:	ROHS & WEEE Compliant
Manufactured:	Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC

PROPERTY	Standard	UNITS	VALUE
Specific Gravity	BS2782 620A	g/cc	1.50
Vicat Softening Point	BS2782 (B50) 1990 120B	°C	78
Tensile Strength @ Yield	BS2782 320A–F	MPa	40

The above are typical test results and do not constitute any part of a specification

Colours:

MTP1 – Aluminium body, white uPVC lid
MTP1W – White powder coated aluminium body, white uPVC lid
MTPP1 – Aluminium body, white uPVC lid
MTPP1W – White powder coated aluminium body, white uPVC lid

Screening:

MTAS – Slide in 2 metre uPVC divider

Lids:

MT3CL – Universal Centre Lid – Supplied in 3 metre lengths, need to be cut to size

Power Pole & Post

Dimensions & Capacities for Power Pole & Post

100 mm

100 mm

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm²)	COMPARTMENT A		
		4120 mm²	4116 mm² and 25mm back box (2420 mm²)	4116 mm² and 35mm back box (1700 mm²)
		45% Fill (1852 mm²)	45% Fill (1309 mm²)	45% Fill (765 mm²)
5	19.6	94	54	38
5.5	23.8	77	45	31
6	28.3	65	38	26
6.5	33.2	55	32	22
7	38.5	48	27	19

Power

POWER CABLE CONDUCTOR CSA (mm²)	CABLE FACTOR	COMPARTMENT A		
		4120 mm²	4609mm² and 25mm back box (2420 mm²)	4116 mm² and 35mm back box (1700 mm²)
		45% Fill (1852mm²)	45% Fill (1089mm²)	45% Fill (765mm²)
1.5	8.6	215	125	87
2.5	12.6	146	85	59
4	16.6	111	64	45
6	21.2	87	50	35

Aluminium Systems

Specification for Power Pole & Post

Installation Instructions

Please ensure that all current IIE Wiring Regulations are complied with during the installation of this Power Pole.

It is important that the installer familiarises himself with all the parts of this Power Pole as shown in the diagram. Any shortages must be reported to Atkore Marco as soon as possible

Installation of a Power Pole in conjunction with a suspended ceiling

1. If the suspended ceiling is already in place, remove sufficient ceiling tiles to allow access to position the Power Pole.

2. The Power Pole must be positioned so that the force of the jacking screw is taken by a concrete ceiling..

3. Having decided the position for the installation of the Power Pole, measure the floor to concrete ceiling height accurately. Remove the Power Pole from the packaging taking care not to mark the anodised finish. Remove all parts from the Power Pole and replacing them in the box.

Deduct 60mm from the overall height and cut the Power Pole to length using a fine blade hacksaw. It is important that the Power Pole be cut square so care should be taken to achieve this. De-bur all cut edges.

4. Secure floor mount (item C) to the floor using the correct type of fastening system for the floor type. If the Power Pole is to be fed from under floor services, drill access holes as required through the base of the floor mount floor and floor.

5. Position the jacking mechanism (item D) in the centre hole of the Power Pole and set the height from the ceiling plate to the Power Pole body to 35mm. This is achieved by turning the M12 nut upwards until the correct distance is reached.

6. Position the Power Pole into the floor mount and adjust the jacking mechanism upwards until the Power Pole is secure. Check that the Power Pole is vertical in both planes using a spirit level.

7. Mark through the position of the two securing holes on the ceiling plate and then lower the jacking mechanism. Remove the Power Pole from the floor mount. Remove the ceiling plate from the jacking mechanism and then secure the ceiling plate to the ceiling using the correct fastening system for the ceiling type.

8. Ensure that the jacking mechanism screw is located in the end of the Power Pole.
Re-locate the Power Pole in the floor mount and then turn the M12 nut on the jacking mechanism screw clockwise, locating the end of the screw into the ceiling plate. Replace the M6x30 securing bolt and secure using M6 nut. Turn the M12 nut clockwise until the Power Pole is secure and any movement is eliminated. Tighten the M6x15 pan head screw located in the jacking mechanism screw. This will lock the whole assembly in position.

9. It is important to connect the earth wire from the incoming mains to the earth post located on the jacking mechanism using the terminal connector and M6 nut supplied for this purpose.
Check that all earth connections are secure and that continuity is maintained between the Power Pole and jacking mechanism.

10. Position socket boxes (item B) as required. Use the accessory spacers provided to position the socket boxes evenly. Use the divider (item G) if any segregation of any services to outlets is required.

11. All wiring can now be located in readiness for connecting accessories.

12. The outer lids (item F) can now be cut to size. Starting at the base of the Power Pole, secure the lid between socket boxes stopping 95mm short from the top of the suspended ceiling. Replace the ceiling tiles cutting neatly around the Power Pole body.

13. The ceiling shroud (item E) can now be clipped into position. The ceiling shroud should be located tight against the ceiling tiles.

14. Any accessories can now be installed to the socket boxes. Again, it is very Important to check that all earthing connections are secure and that continuity exists.

Power Pole & Post

Installation of a Power Pole between a standard floor and ceiling

1. The Power Pole must be positioned so that the force of the jacking screw is taken by either a roof joist or a concrete ceiling.

2. Follow the same procedure as described previously for the installation of the floor mount, Power Pole, jacking mechanism and socket boxes.

3. The outer lids (item F) can now be cut to size. Starting at the base of the Power Pole, secure the lid between socket boxes stopping 35mm short from the top of the Power Pole body.

4. The ceiling shroud (item E) can now be clipped into position. The ceiling shroud should be located tight against the ceiling using the double sided sticky tape provided.

A. Power Pole
B. Socket Box
C. Floor Mount
D. Jacking Mechanism
E. Ceiling Shroud
F. uPVC Lid
G uPVC Divider

UK CA

CE

Aluminium Systems

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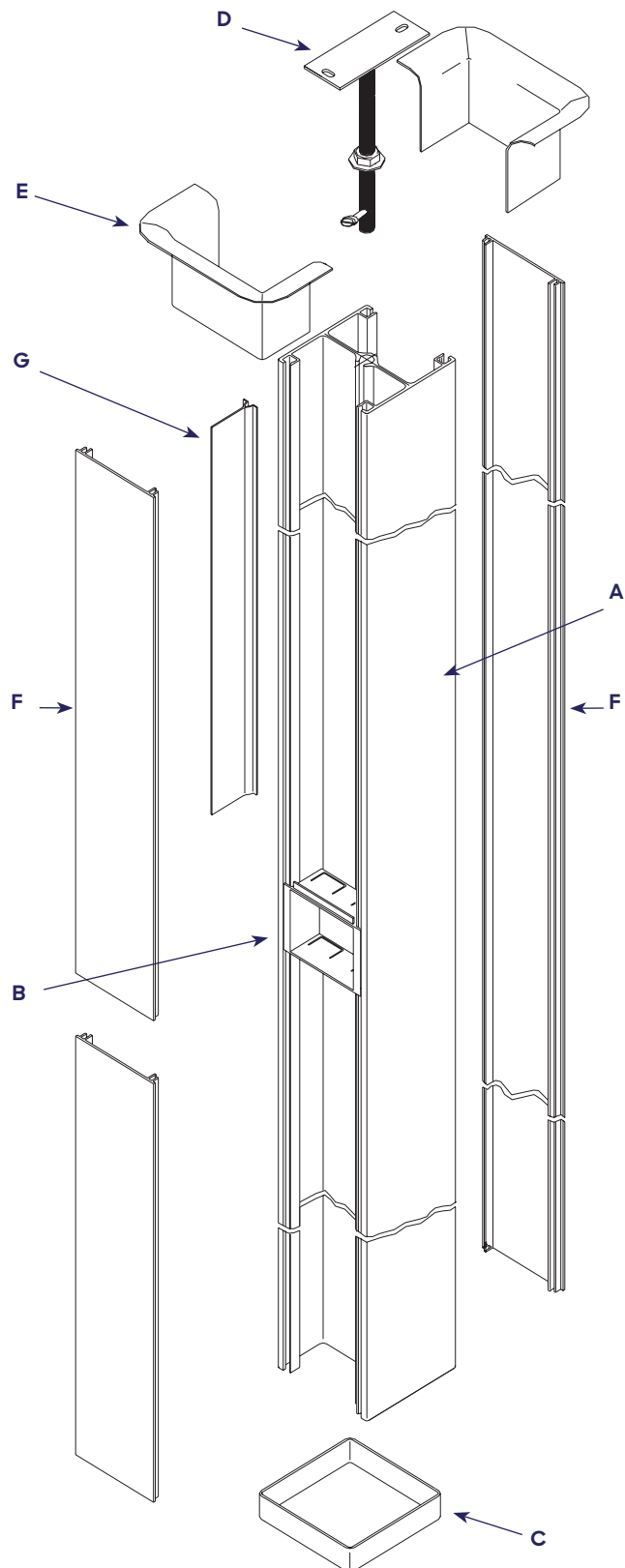
Steel Wire Cable Tray

Power & Data Containment Solutions

STEEL WIRE CABLE TRAY
CONTENTS

Atkore™
Marco

Steel Wire Cable Tray Systems

Atkore Marco is the largest UK manufacturer of Steel Wire Cable Tray.

Available in Electro-Zinc, Pre-Galvanised, Powder-Coated and Hot-dip Galvanised finishes. Atkore Marco is able to supply Steel Wire Cable Tray to meet any project demand, including special manufactures of alternate grid layouts, pre-cut lengths and much more.

Offered in three standard depths, 30mm, 55mm and 106mm, Steel Wire Cable Tray is adaptable and lightweight, enabling users to easily modify the tray on-site without compromising its strength or performance.

Atkore Marco's Steel Wire Cable Tray is complemented by a large range of accessories and fittings, all designed to join and support the tray, reducing installation time and reducing overall on-site costs.

All Steel Wire Cable Tray is manufactured in our state-of-the-art, custom-built facility in the UK.
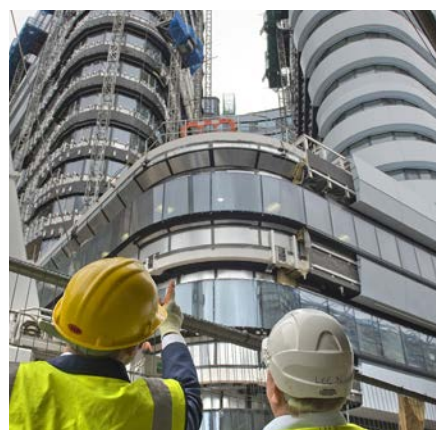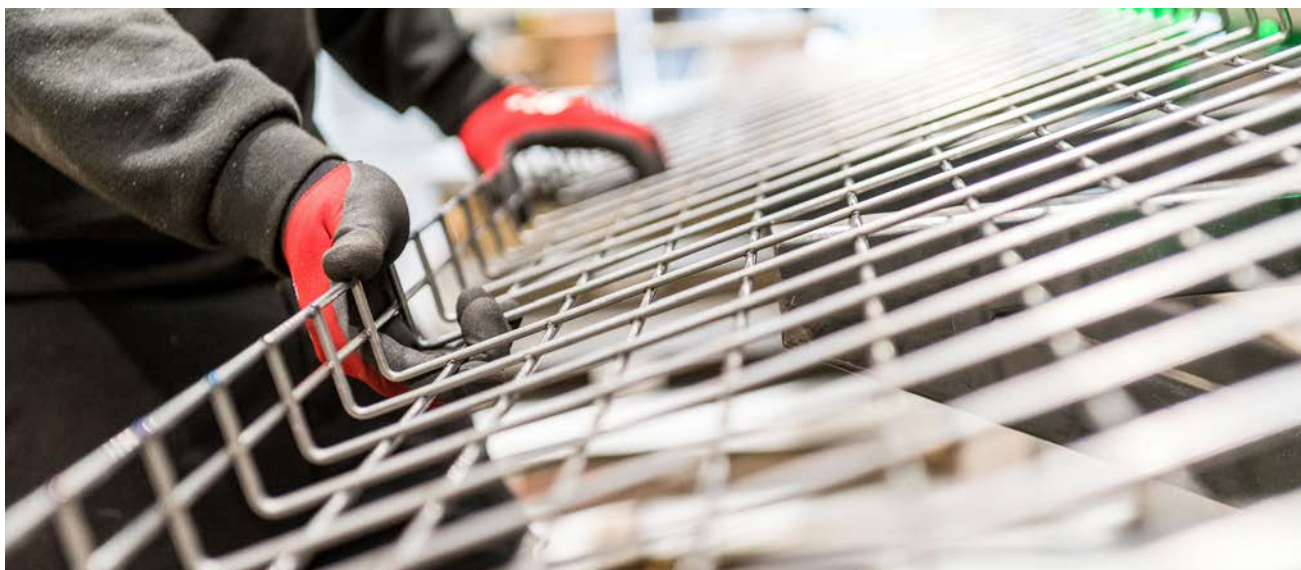
Steel Wire
Cable Tray

Product Family

Atkore Marco is able to offer a comprehensive range of Steel Wire Cable Tray products, including a wide range of accessories and our new, pre-coupled, Quik-Clik Tray. For specialist projects, Atkore Marco is able to supply pre-cut lengths to suit installation requirements.

The entire Steel Wire Cable Tray range is available in the BIM download, found on the Atkore Marco website.

Steel Wire Cable Tray

(EZ) (HDG) (PC) (PG) (ZA)

Made from direct drawn bright mild steel, and ideal for a variety of applications. Steel Wire Cable Tray is manufactured to the highest standards and utilises a 100 x 50mm grid design structure. Each length is produced in 3 metres, and is available in a large variety of sizes.

Quik-Clik System

(EZ)

The latest innovation in the Steel Wire Cable Tray range is the new Quik-Clik system. Enabling two lengths to be coupled in under two seconds, the new system comes with two pre-installed joining couplers for faster on-site installation. Another benefit to the Quik-Clik tray is the ability to remove and re-attach its couplers, allowing for modifications and size change to be easily made to the tray, without losing any of its installation benefits.

G-Shape Steel Wire Cable Tray

(EZ)

G-Shape tray has been designed as a containment solution for under-desk installations, or above suspended ceilings for service containments in small voids. The shape of the tray allows for both wall and ceiling mounting, and negates the need for suspension brackets, having the ability to be directly fixed to solid surfaces.
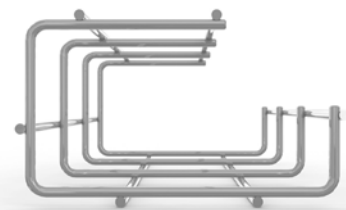
Fast-Fix Accessories

(PG) (EZ) (GT) (TB)

Steel Wire Cable Tray range is further enhanced by a large range of accessories and fittings, all designed to allow for quick and convenient on-site installation. In-particular, Fast Fix line of accessories have been designed for quicker installation, with a drastically reduced need for additional components such as nut & bolt or the need for heavy electrical or mechanical tools.

PG Pre-Galvanised	**HDG** Hot-Dip Galvanised	**GT** Geomet	**ZA** Zinc Aluminium
			See page 9 for more information
EZ Electro Zinc	**PC** Powder Coated	**TB** Turned Brass	

Steel Wire Cable Tray

Atkore™
Marco

Steel Wire Cable Tray Systems

Steel Wire Cable Tray

UKCA · E90 FIRE RESISTANCE · CE
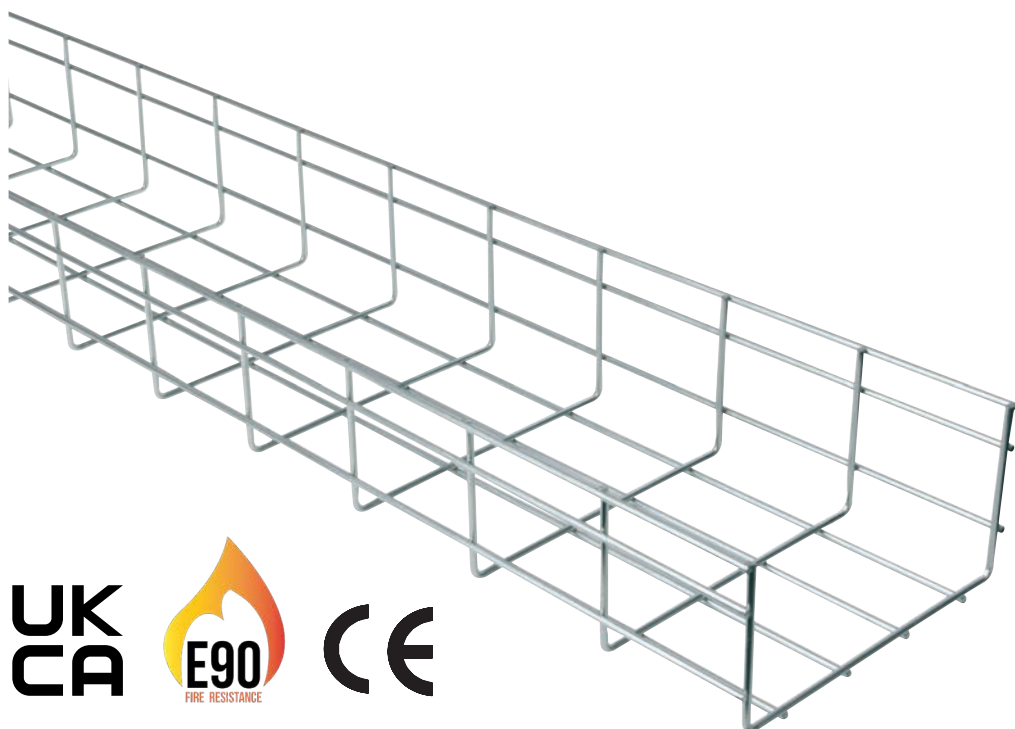
Atkore Marco's Steel Wire Cable Tray is made from direct-drawn bright mild steel, and uses a 100 x 50mm mesh grid.

Each tray is produced in 3 metre lengths and supplied in pack quantities.

The range is complemented by a wide variety of fittings and accessories, all designed to make modifying and installing the tray on site as easy as possible.

Finishes

EZ   Electro Zinc

BS EN ISO 2081:2008

Recommended for use in interior installations where the atmosphere is non-corrosive. EZ Steel Wire Cable Tray is coated with a thickness of between 5-12 microns.

HDG   Hot-Dip Galvanised

ISO 1461:2009

Recommended for exterior use and in more aggressive atmospheres. HG tray is coated to a minimum thickness of 55 microns. Hot-Dip Galv tray is special item and manufactured to order.

PG   Pre-Galvanised

BS EN 10244-2

Recommended for use in data centres and other interior applications. Marco PG Steel Wire Cable Tray is coated with a thickness of approximately 20 microns (135 gr/m2 - class B). Pre-Galvanised tray is special item and manufactured to order.

PC   Powder Coated

BS EN 13438

Powder-Coated is recommended for exterior and interior use in a range of atmospheric environments and is capable of withstanding a variety of corrosive conditions. Its installation is also suggested for data centres. Powder Coated tray is special item and manufactured to order.

Steel Wire Cable tray conforms to the following standards: BS EN 61537, IEC 61537.

Standard Range

30mm Depth

Steel Wire Cable Tray
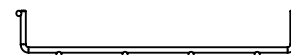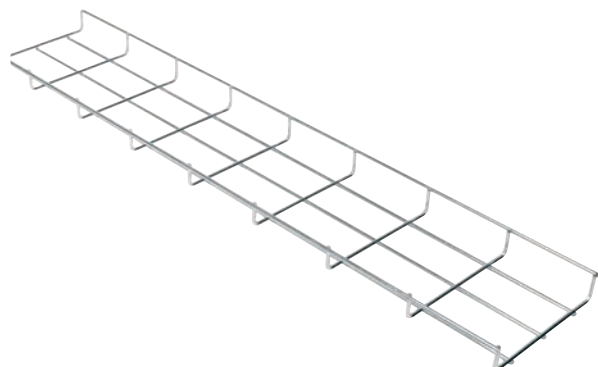
CODE	SIZE	LENGTH	FINISH
MC3050	30 x 50mm	3m	PG, EZ, HDG, PC
MC30100	30 x 100mm	3m	PG, EZ, HDG, PC
MC30150	30 x 150mm	3m	PG, EZ, HDG, PC
MC30200	30 x 200mm	3m	PG, EZ, HDG, PC
MC30300	30 x 300mm	3m	PG, EZ, HDG, PC
MC30400	30 x 400mm	3m	PG, EZ, HDG, PC
MC30450	30 x 450mm	3m	PG, EZ, HDG, PC
MC30500	30 x 500mm	3m	PG, EZ, HDG, PC

55mm Depth

Steel Wire Cable Tray
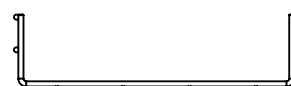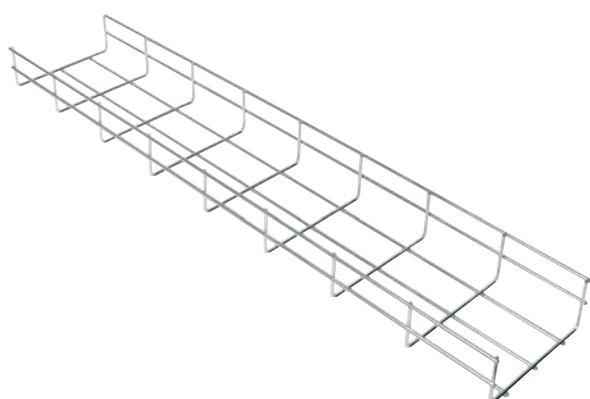
CODE	SIZE	LENGTH	FINISH
MC5550	55 x 50mm	3m	PG, EZ, HDG, PC
MC55100	55 x 100mm	3m	PG, EZ, HDG, PC
MC55150	55 x 150mm	3m	PG, EZ, HDG, PC
MC55200	55 x 200mm	3m	PG, EZ, HDG, PC
MC55300	55 x 300mm	3m	PG, EZ, HDG, PC
MC55400	55 x 400mm	3m	PG, EZ, HDG, PC
MC55450	55 x 450mm	3m	PG, EZ, HDG, PC
MC55500	55 x 500mm	3m	PG, EZ, HDG, PC
MC55600	55 x 600mm	3m	PG, EZ, HDG, PC

106mm Depth

Steel Wire Cable Tray
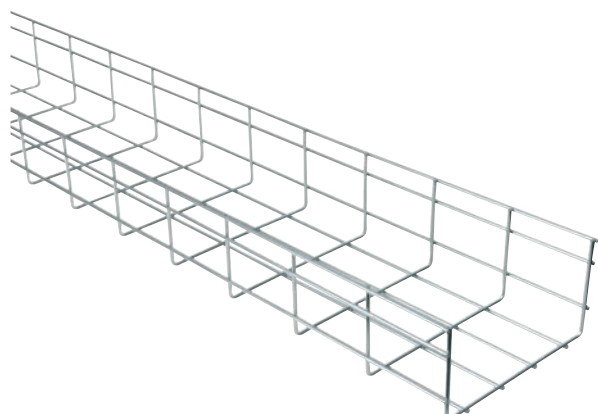
CODE	SIZE	LENGTH	FINISH
MC106100	106 x 100mm	3m	PG, EZ, HDG, PC
MC106150	106 x 150mm	3m	PG, EZ, HDG, PC
MC106200	106 x 200mm	3m	PG, EZ, HDG, PC
MC106300	106 x 300mm	3m	PG, EZ, HDG, PC
MC106400	106 x 400mm	3m	PG, EZ, HDG, PC
MC106450	106 x 450mm	3m	PG, EZ, HDG, PC
MC106500	106 x 500mm	3m	PG, EZ, HDG, PC
MC106600	106 x 600mm	3m	PG, EZ, HDG, PC

Some sizes and finishes are made to order and minimum quantities apply.

Steel Wire Cable Tray

Quik-Clik System

Steel Wire Cable Tray Systems

Saving You Time, Saving You Money

2 Second Rapid Install

In an effort to save the contractor time and money, Atkore Marco has developed the Quik-Clik system of cable trays.

The innovative coupler can join two lengths of Steel Wire Cable Tray in seconds! Its flexible design allows it to be removed and re-attached with ease, retaining its functionality even after trays have been cut-to-size on site. Supplied pre-fixed as standard, the MCFJC range is also available as individual accessories as part of the Atkore Marco Fast-Fix range.

30mm Depth

Quik-Clik System

CODE	SIZE	COUPLER	LENGTH	FINISH
MCM3050	30 x 50mm Quik-Clik	MCFJC30	3m	EZ
MCM30100	30 x 100mm Quik-Clik	MCFJC30	3m	EZ
MCM30150	30 x 150mm Quik-Clik	MCFJC30	3m	EZ
MCM30200	30 x 200mm Quik-Clik	MCFJC30	3m	EZ
MCM30300	30 x 300mm Quik-Clik	MCFJC30-M	3m	EZ
MCM30400	30 x 400mm Quik-Clik	MCFJC30-M	3m	EZ
MCM30450	30 x 450mm Quik-Clik	MCFJC30-M	3m	EZ
MCM30500	30 x 500mm Quik-Clik	MCFJC30-M	3m	EZ
MCM30600	30 x 600mm Quik-Clik	MCFJC30-M	3m	EZ

55mm Depth

Quik-Clik System

CODE	SIZE	COUPLER	LENGTH	FINISH
MCM5550	55 x 50mm Quik-Clik	MCFJC	3m	EZ
MCM55100	55 x 100mm Quik-Clik	MCFJC	3m	EZ
MCM55150	55 x 150mm Quik-Clik	MCFJC	3m	EZ
MCM55200	55 x 200mm Quik-Clik	MCFJC	3m	EZ
MCM55300	55 x 300mm Quik-Clik	MCFJCM	3m	EZ
MCM55400	55 x 400mm Quik-Clik	MCFJCL	3m	EZ
MCM55450	55 x 450mm Quik-Clik	MCFJCL	3m	EZ
MCM55500	55 x 500mm Quik-Clik	MCFJCL	3m	EZ
MCM55600	55 x 600mm Quik-Clik	MCFJCL	3m	EZ

106mm Depth

Quik-Clik System

CODE	SIZE	COUPLER	LENGTH	FINISH
MCM106100	106 x 100mm Quik-Clik	MCFJCM	3m	EZ
MCM106150	106 x 150mm Quik-Clik	MCFJCM	3m	EZ
MCM106200	106 x 200mm Quik-Clik	MCFJCM	3m	EZ
MCM106300	106 x 300mm Quik-Clik	MCFJCL	3m	EZ
MCM106400	106 x 400mm Quik-Clik	MCFJCL	3m	EZ
MCM106450	106 x 450mm Quik-Clik	MCFJCL	3m	EZ
MCM106500	106 x 500mm Quik-Clik	MCFJCL	3m	EZ
MCM106600	106 x 600mm Quik-Clik	MCFJCL	3m	EZ

Quik-Clik Couplers (MCFJC/30/M/L) Available as Individuals.

G-Shape Steel Wire Cable Tray

G-Shape Steel Wire Cable Tray

Available in four widths, Atkore Marco's G-Shape tray is designed for under desk and under shelf applications. The tray is also perfect for use above suspended ceilings, its low profile making it great for service containments in small voids.

The shape of the tray allows for both wall and ceiling mounting, negating the need for suspension brackets by being directly fixed to a solid surface using the MCCL, or MCCL25.

The tray can easily be installed and modified on site by one person, fabricating bends using the same accessories used for conventional tray.
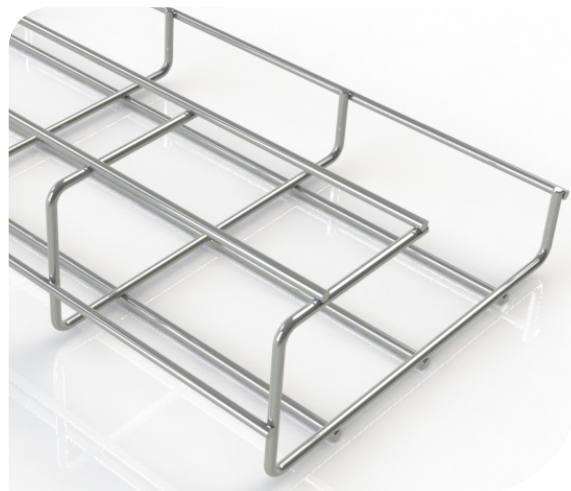
CODE	DESCRIPTION	LENGTH	FINISH
MCG6060	60 x 60 G-Shape Tray	3m	EZ
MCG60100	60 x 100 G-Shape Tray	3m	EZ
MCG60150	60 x 150 G-Shape Tray	3m	EZ
MCG60200	60 x 200 G-Shape Tray	3m	EZ

MCG6060   MCG60100   MCG60150   MCG60200

Mounting Accessories

G-Shape tray can be mounted to both walls and ceilings, by being directly mounted using the following accessories

TRAY	WALL	CEILING
MCG6060	MCCL25	MCCL25
MCG60100	MCCL	MCCL
MCG60150	MCCL	MCCL
MCG60200	MCCL	MCCL

MCCL25

MCCL
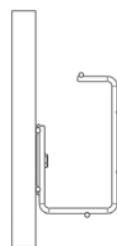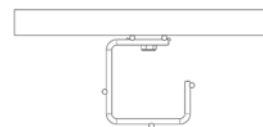
Wall Mounted   Ceiling Mounted

Accessories

G-Shape Tray can be coupled and modified using standard Atkore Marco accessories including:

MCQC   MCQLS   MCQLL   MCCA   MCCB

Atkore Marco Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.

Steel Wire Cable Tray

Accessories

Steel Wire Cable Tray Systems

Atkore Marco has further enhanced its reputation by the continued growth in innovative products and supporting accessories.

The Steel Wire Cable Tray accessories have been further expanded to include a new range of fast-fix designs, which help to reduce installation times on-site. This allow Atkore Marco to offer a full range of accessories for every Steel Wire Cable Tray installation requirement.

Steel Wire Cable Tray accessories now include the fast fix side couplers (MCSSC & MCSSCL), which enable two lengths of tray to be coupled together and secured in seconds, reducing installation times and meeting and exceeding earth continuity requirements to standard EN 61537.

The innovative design allows the Fast-Fix side coupler to be installed from within the Steel Wire Cable Tray, allowing for ease of installation within confined areas.

One of the latest additions to Atkore Marco's Steel Wire Cable Tray accessories is the Pre-Galvanised Hook Coupler (MCHC-S). Designed for use on Pre-Galvanised trays, most popular in Data Centre installations where the possibility of zinc whiskers needs to be reduced, the coupler clips on in seconds and forms a strong and sturdy connection between trays.

MCSSC - Fast-Fix Side Coupler

MCHC-S - Pre-Galvanised hook Coupler

PG	Pre-Galvanised	**HDG**	Hot-Dip Galvanised	**GT**	Geomet
EZ	Electro Zinc	**PC**	Powder Coated	**TB**	Turned Brass

Accessories

Steel Wire Cable Tray Systems

Fast-Fix Side Coupler

Screwdriver supplied
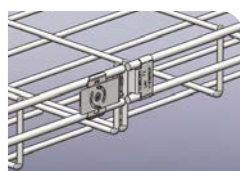
Product Information	
Code	MCSSC
Finish	EZ
Pack QTY	50
Supported Sizes	MC5550-MC55200

Fast-Fix Side Coupler - Large

Screwdriver supplied
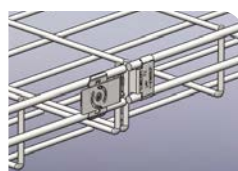
Product Information	
Code	MCSSCL
Finish	EZ
Pack QTY	50
Supported Sizes	MC55300-MC55600 MC106100-MC106600

Fast-Fix Universal Strut Clip

Screwdriver supplied

Product Information	
Code	MCFUSC
Finish	GT
Pack QTY	50
Supported Sizes	MC30100-MC30500 MC55100-MC55600 MC106100-MC106600

Pre-Galvanised Hook Coupler

Suitable for use with PG trays only

Product Information	
Code	MCHC-S
Finish	PG
Pack QTY	50
Supported Sizes	MC5550 - MC55200

Quik-Clik Coupler - Small

Pre-Coupled version available, see page 291
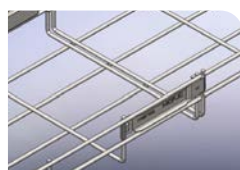
Product Information	
Code	MCFJC
Finish	EZ
Pack QTY	50
Supported Sizes	MC5550 - MC55200

Quik-Clik Coupler - Medium

Pre-Coupled version available, see page 291
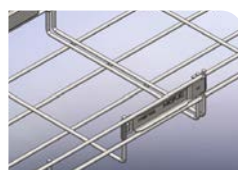
Product Information	
Code	MCFJCM
Finish	EZ
Pack QTY	50
Supported Sizes	MC55300 MC106100 - MC106200

Quik-Clik Coupler - Large

Pre-Coupled version available, see page 291
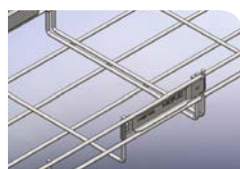
Product Information	
Code	MCFJCL
Finish	EZ
Pack QTY	50
Supported Sizes	MC55400 -MC55600 MC106300 - MC106600

Fast Fix Floor Bracket
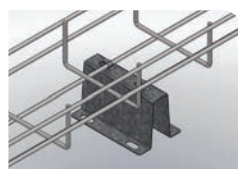
Product Information	
Code	MCFFB
Finish	PG
Pack QTY	50
Supported Sizes	Fits all sizes

All products supplied with tools are subject to orders of pack quantities.

Steel Wire Cable Tray

Atkore™ Marco

Accessories

Steel Wire Cable Tray Systems

Quick-Lock Small

Product Information	
Code	MCQLS
Finish	EZ
Pack QTY	25
Supported Sizes	MC3050-MC30200 MC5550-MC55200 MC106100-MC106200

Quick-Lock Large

Product Information	
Code	MCQLL
Finish	EZ
Pack QTY	25
Supported Sizes	MC30300-MC30500 MC55300-MC55600 MC106300-MC106600

Quick Coupler

Pulling tool supplied

Product Information	
Code	MCQC
Finish	EZ, GT
Pack QTY	50
Supported Sizes	Fits all sizes

Suspension Hanger
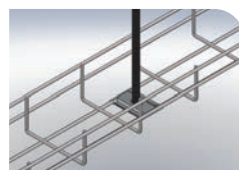
Product Information	
Code	MCSH
Finish	EZ, GT, PG
Pack QTY	50
Supported Sizes	MC30100-MC30500 MC55100-MC55600 MC106100-MC106600

Clamp Large - 6.5mm Hole
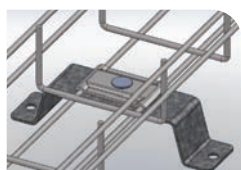
Product Information	
Code	MCCL
Finish	EZ, GT, PG
Pack QTY	50
Supported Sizes	MC305100-MC30500 MC55100-MC55600 MC106100-MC106600

Divider Joining Bracket
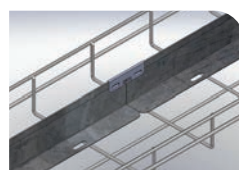
Product Information	
Code	MCDJB
Finish	EZ
Pack QTY	10
Supported Sizes	Fits all sizes

Drop Out Plate
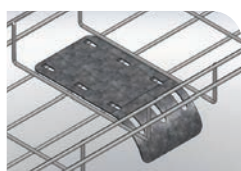
Product Information	
Code	MCDOP
Finish	PG
Pack QTY	50
Supported Sizes	Fits all sizes

All of Atkore Marco's Steel Wire Cable Tray products are available from our website as part of the BIM object download

EZ = Electro Zinc
GT = Geomet
HDG = Hot-Dip Galvanised
PC = Powder Coated
PG = Pre-Galvanised
TB = Turned Brass

Accessories

Flexible Conduit Plate – 20 & 25mm
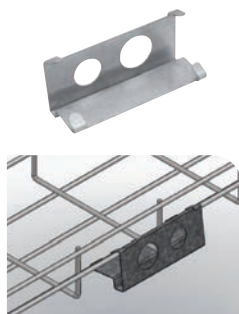
Product Information	
Code	MCFCP
Finish	PG, GT
Pack QTY	20
Supported Sizes	Fits all sizes

Flexible Conduit Plate – 20, 25 & 32mm

Product Information	
Code	MCFCP3
Finish	PG, GT
Pack QTY	20
Supported Sizes	Fits all sizes

Wall Bracket/ACC Mounting Plate
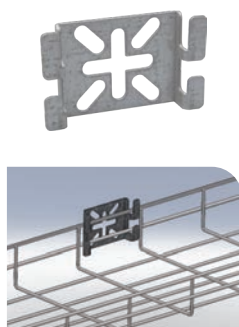
Product Information	
Code	MCAMP
Finish	PG, GT
Pack QTY	20
Supported Sizes	MC5550–MC55600 MC106100–MC106600

Multi-Fix Plate
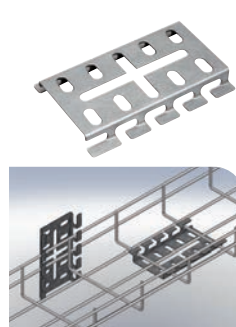
Product Information	
Code	MCMFP
Finish	PG
Pack QTY	50
Supported Sizes	Fits all sizes

Universal Support Bracket
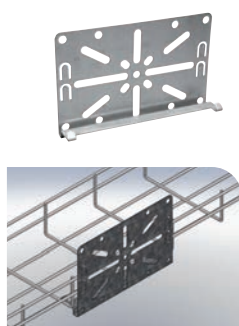
Product Information	
Code	MCUSB
Finish	PG
Pack QTY	50
Supported Sizes	MC30100–MC30500 MC55100–MC55600 MC106100–MC106600

Nut, Bolt & Clamp Assembly

Product Information	
Code	MCCA
Finish	EZ, GT , PG
Pack QTY	50
Supported Sizes	Fits all sizes

Nut, Bolt & Clamp Fixing Assembly

Product Information	
Code	MCCB
Finish	EZ, GT
Pack QTY	50
Supported Sizes	Fits all sizes

Clamp Small
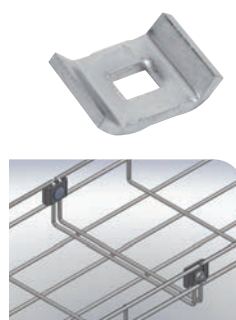
Product Information	
Code	MCCS
Finish	EZ, GT
Pack QTY	50
Supported Sizes	Fits all sizes

Steel Wire Cable Tray

Accessories

Steel Wire Cable Tray Systems

Clamp Medium

Product Information	
Code	MCCM
Finish	EZ , GT
Pack QTY	50
Supported Sizes	Fits all sizes

M6 x 20 Screw, Nut & Washer
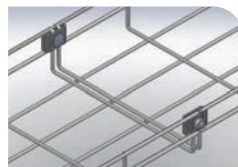
Product Information	
Code	MCM620NW
Finish	EZ, GT
Pack QTY	50
Supported Sizes	Fits all sizes

Splice Plate

Product Information	
Code	MCSP
Finish	PG, GT
Pack QTY	50
Supported Sizes	Fits all sizes

90° Splice Plate
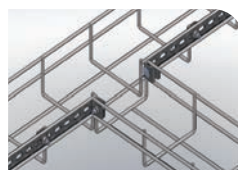
Product Information	
Code	MCSP90
Finish	PG
Pack QTY	20
Supported Sizes	Fits all sizes

Suspension Bracket 6mm & 8mm Rod

Max safe working load 100kg

Product Information	
Code	MCSB68
Finish	PG, GT
Pack QTY	20
Supported Sizes	Fits all sizes

Suspension Bracket 10mm & 12mm Rod

Max safe working load 100kg
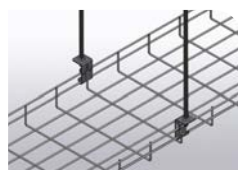
Product Information	
Code	MCSB1012
Finish	PG, GT
Pack QTY	20
Supported Sizes	Fits all sizes

Suspension Bracket – 50mm Tray

Max safe working load 30kg
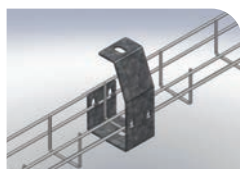
Product Information	
Code	MCSB50
Finish	PG, GT
Pack QTY	50
Supported Sizes	MC3050 MC5550

Suspenstion Bracket – 100mm Tray

Max safe working load 30kg

Product Information	
Code	MCSB100
Finish	PG, GT
Pack QTY	50
Supported Sizes	MC30100 MC55100

Steel Wire Cable Tray

Accessories

Suspension Bracket – 150mm Tray

Max safe working load 30kg
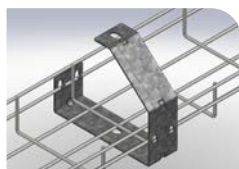
Product Information	
Code	MCSB150
Finish	PG, GT
Pack QTY	50
Supported Sizes	MC30150 MC55150

Bracket

Max safe working load 20kg

Product Information	
Code	MCB35
Finish	PG
Pack QTY	50
Supported Sizes	MC3050 MC5550

Tray Support Bracket – 50mm Tray
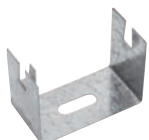
Product Information	
Code	MCTS35
Finish	PG
Pack QTY	50
Supported Sizes	MC3050 MC5550

Earth Terminal
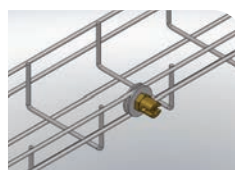
Product Information	
Code	MCET16
Finish	TB
Pack QTY	10
Supported Sizes	MC5550-MC55600 MC106100-MC106600

Earth Terminal – 30mm Tray

Supplied with PG mounting bracket & accessories for mounting to 30mm tray.

Product Information	
Code	MCET16-30
Finish	TB
Pack QTY	10
Supported Sizes	MC3050 - MC30500

ID Tags

Product Information	
Code	MCTAG
Finish	–
Pack QTY	50

Coloured ID tags are used to differentiate which services are being carried in which containment.
ID Tags can be supplied printed with ID labels to quickly identify cabling being carried in runs of tray.
Labels include:

- ELV
- LV
- DATA/COMMS
- FIRE
- ANCILLARY
- SUB MAINS

Bolt Croppers

Product Information	
Code	MCROP
Pack QTY	1

EZ = Electro Zinc
GT = Geomet
HDG = Hot-Dip Galvanised
PC = Powder Coated
PG = Pre-Galvanised
TB = Turned Brass

Steel Wire Cable Tray

Steel Wire Cable Tray Systems

Divider

CODE	DESCRIPTION	DEPTH	LENGTH	FINISH	PACK QTY
MCD30	Steel Wire Cable Tray Divider	30mm	30mm x 3m	PG	20
MCD55	Steel Wire Cable Tray Divider	55mm	55mm x 3m	PG	16
MCD106	Steel Wire Cable Tray Divider	106mm	106mm x 3m	PG	12

Steel Wire Cable Tray Lid

CODE	DESCRIPTION	TRAY WIDTH	LENGTH	FINISH	PACK QTY
MCL100	100mm Steel Wire Cable Tray Lid	100	2m	PG	6 x 2m
MCL150	150mm Steel Wire Cable Tray Lid	150	2m	PG	4 x 2m
MCL200	200mm Steel Wire Cable Tray Lid	200	2m	PG	4 x 2m
MCL300	300mm Steel Wire Cable Tray Lid	300	2m	PG	2 x 2m
MCL400	400mm Steel Wire Cable Tray Lid	400	2m	PG	2 x 2m
MCL450	450mm Steel Wire Cable Tray Lid	450	2m	PG	2 x 2m
MCL500	500mm Steel Wire Cable Tray Lid	500	2m	PG	2 x 2m
MCL600	600mm Steel Wire Cable Tray Lid	600	2m	PG	2 x 2m

Fast-Fix Support Bracket

CODE	DESCRIPTION	LUGS	FINISH	PACK QTY
MCCSB100	Fast-Fix Channel Support Bracket for 100mm wide tray, 200mm long	2	PG	50
MCCSB150	Fast-Fix Channel Support Bracket for 150mm wide tray, 250mm long	3	PG	50
MCCSB200	Fast-Fix Channel Support Bracket for 200mm wide tray, 300mm long	4	PG	50
MCCSB300	Fast-Fix Channel Support Bracket for 300mm wide tray x 400mm long	6	PG	25
MCCSB400	Fast-Fix Channel Support Bracket for 400mm wide tray x 500mm long	8	PG	25
MCCSB450	Fast-Fix Channel Support Bracket for 450mm wide tray x 550mm long	9	PG	25
MCCSB500	Fast-Fix Channel Support Bracket for 500mm wide tray x 600mm long	10	PG	25
MCCSB600	Fast-Fix Channel Support Bracket for 600mm wide tray x 700mm long	12	PG	25
MCCSB1000	Fast-Fix Channel Support Bracket for 1000mm wide tray x 1000mm long	20	PG	25

Product Shown
MCCSB200

Fast-Fix Wall Bracket

CODE	DESCRIPTION	TRAY WIDTH	LOAD (KG)	FINISH	PACK QTY
MCWFB100	Fast-Fix Wall Bracket	100	175	PG	12
MCWFB150	Fast-Fix Wall Bracket	150	200	PG	12
MCWFB200	Fast-Fix Wall Bracket	200	140	PG	12
MCWFB300	Fast-Fix Wall Bracket	300	100	PG	12
MCWFB400	Fast-Fix Wall Bracket	400	95	PG	12
MCWFB450	Fast-Fix Wall Bracket	450	70	PG	12

Steel Wire Cable Tray

Accessories

Fast-Fix Ceiling Bracket

CODE	DESCRIPTION	TRAY WIDTH	LOAD (KG)	FINISH	PACK QTY
MCCFB100	Fast-Fix Ceiling Bracket	100	135	PG	50
MCCFB150	Fast-Fix Ceiling Bracket	150	125	PG	50
MCCFB200	Fast-Fix Ceiling Bracket	200	90	PG	50
MCCFB300	Fast-Fix Ceiling Bracket	300	75	PG	50
MCCFB400	Fast-Fix Ceiling Bracket	400	50	PG	50
MCCFB450	Fast-Fix Ceiling Bracket	450	44	PG	50

Cantilever Bracket

CODE	DESCRIPTION	TRAY WIDTH	FINISH	PACK QTY
MCCB100	Cantilever Bracket	100	PG	20
MCCB150	Cantilever Bracket	150	PG	20
MCCB200	Cantilever Bracket	200	PG	20
MCCB300	Cantilever Bracket	300	PG	20
MCCB400	Cantilever Bracket	400	PG	20

Wall/Floor Bracket

CODE	DESCRIPTION	TRAY WIDTH	ADDITIONAL COMPONENTS	FINISH	PACK QTY
MCWB50	Wall/Floor Bracket	50	MCTCS35 / MCCB or MCB35 / MCM620NW	PG	100
MCWB100	Wall/Floor Bracket	100	MCCL / MCM620NW	PG	100
MCWB150	Wall/Floor Bracket	150	MCCL / MCM620NW	PG	100
MCWB200	Wall/Floor Bracket	200	MCCL / MCM620NW	PG	50
MCWB300	Wall/Floor Bracket	300	MCCL / MCM620NW	PG	50
MCWB400	Wall/Floor Bracket	400	MCCL x 2 / MCM620NW x 2	PG	50
MCWB450	Wall/Floor Bracket	450	MCCL x 2 / MCM620NW x 2	PG	25
MCWB500	Wall/Floor Bracket	500	MCCL x 2 / MCM620NW x 2	PG	25
MCWB600	Wall/Floor Bracket	600	MCCL x 2 / MCM620NW x 2	PG	25

All of Atkore Marco's Steel Wire Cable Tray products are available from our website as part of the BIM object download

EZ = Electro Zinc
GT = Geomet
HDG = Hot-Dip Galvanised
PC = Powder Coated
PG = Pre-Galvanised
TB = Turned Brass

Steel Wire Cable Tray

Atkore™ Marco

Steel Wire Cable Tray

1 — MCFUSC
Fast fix universal strut clip

2 — MCWFB
Fast fix wall bracket

3 — MCWB
Wall bracket

4 — MCFJC
Quik-Clik side coupler

5 — MCCA
Nut, bolt & clamp assembly

6 — MCFCP3
Flexible conduit plate 22, 25 & 32 glands

7 — MCSH
Suspension hanger

8 — MCFCP
Flexible conduit plate 20 & 25mm glands

9 — MCCB200
Cantilever bracket (other widths available)

10 — MCAMP
Wall bracket/ACC mounting plate

11 — MCDOP
Drop out plate

12 — MCSP
Splice plate

13 — MCCL
2 MCCL large clamps with MCM620NW hex screw& flanged nut

14 — MCSB100
Suspension bracket for MC30100 & MC55100 MCSB50 & MCSB150 also available

System Overview

15 MCQC
Quick coupler

16 MCFFB
Fast fix floor bracket

17 MCWB
Floor bracket

18 MCCSB
Fast fix support channel

19 MCQLL
Quick Lock Large 300-600mm

20 MCCFB
Fast Fix ceiling bracket

21 MCSB68 & 1012
Suspension bracket self locking

22 MCB35
Bracket for MC3050 & MC5550

23 MCTS35
Tray support bracket MC3050 & MC5550

24 MCQLS
Quick lock small for trays 100mm-200mm

25 MCSB50
Suspension bracket MC3050 & MC5550

26 MCSSC/L
Fast fix side couplers 55 & 106mm tray

Steel Wire Cable Tray

Steel Wire Cable Tray conforms to the following standards: BS EN 61537:2007, IEC 61537.

Atkore™
Marco

Pre Fabrication Guide

Steel Wire Cable Tray Systems

Introduction

Available in Electro-Zinc, Pre-Galvanised, Powder-Coated, Hot-Dip Galvanised, Steel Wire Cable Tray is offered in three depths – 30mm, 55mm and 106mm. A wide range of fittings is available to join and support the Steel Wire Cable Tray.

The following section is intended to be used as a guide to fabricating Steel Wire Cable Tray fittings on site. A wide range of fittings and accessories are available to join the tray.

Reducers
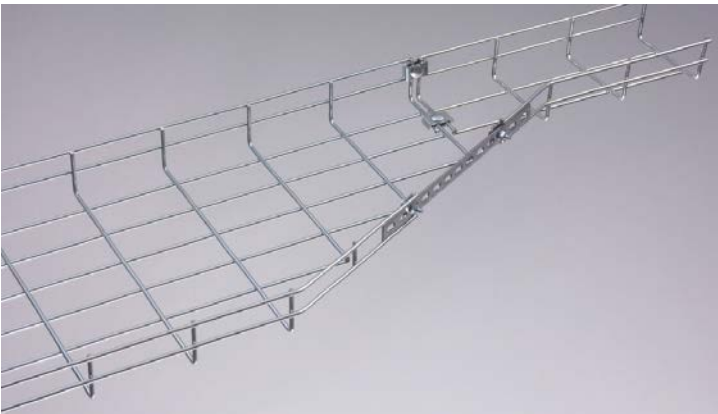
MC55300 and MC55100
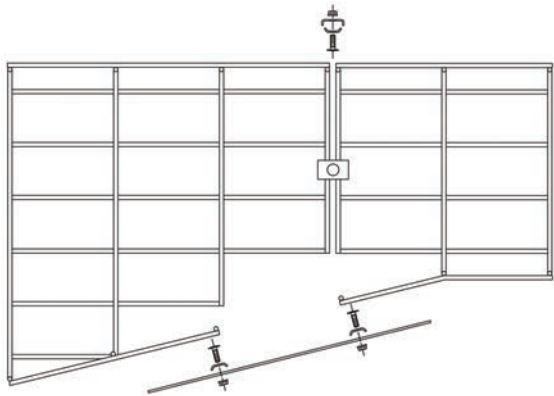
Example of MC55300 – MC55200
MCCA x 3 or MCCB x 2 plus MCSP x 50mm

Wire Cutting Directions
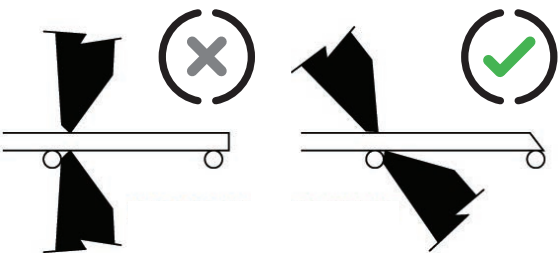
Incorrect

Correct

Typical Fabricated Reducer Components

CODE	COMPONENT	QTY
MCCA		x2
MCCA		x2
MCSP		x1

All bends are easily fabricated on-site!

Beama

Find us in the Beama best practice guide for additional installation instructions

NEW LARGE RADIUS BEND – QUICK ASSEMBLY GUIDE

TRAY WIDTH	100mm	150mm	200mm	300mm	400mm	450mm	500mm	600mm
REMOVE SEGMENTS	2	3	4	6	8	9	10	12
MCQLS	2	3	4					
MCQLL				6	8	9	10	12
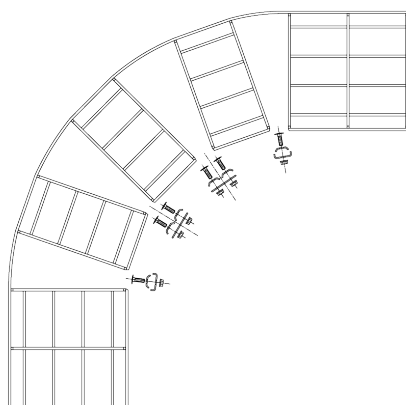
Alternate sections to be removed. Example of MC55200, MCCA x 2, MCCB x 2, MCSP x 50mm x 1 [to be cut to size on site]

TRAY WIDTH (mm)	FASTENING TYPE	MCCB	MCCA	REMOVED SEGMENTS
100	MCCB x 4	x4		2
150	MCCB x 2 MCSP x 50mm x 1	x3		3
200	MCCB x 2 MCSP x 50mm x 1	x4		4
300	MCCB x 2 MCCA x 2 MCSP x 50mm x 1	x2	x2	6
400	MCCB x 2 MCCA x 4 MCSP x 50mm x 1	x2	x4	8
450	MCCB x 2 MCCA x 6 MCSP x 50mm x 1	x2	x6	9
500	MCCA x 9		x9	10
600	MCCA x 11		x11	12

Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.

Steel Wire Cable Tray

Atkore™ Marco

Steel Wire Cable Tray

TRAY WIDTH (mm)	FASTENING TYPE	MCM620NW MCCL x 2	MCCA	REMOVED SEGMENTS A	REMOVED SEGMENTS B
100	MCCA		x1	1	1
150	MCCL x2 MCM620NW x1	x 1	x1	1	2
200	MCCL x2 MCM620NW x1	x1		2	2
300	MCCL x2 MCM620NW x1	x1		2	4
400	MCCL x2 MCM620NW x1	x1		2	4
450	MCCL x2 MCM620NW x1	x1		2	4
500	MCCL x2 MCM620NW x1	x1		2	5
600	MCCL x2 MCM620NW x1	x1		2	6

REMOVE SEGMENTS 'B' REMOVE SEGMENTS 'A' REMOVE SEGMENTS 'B'
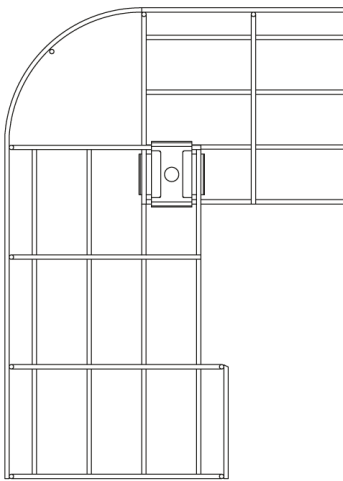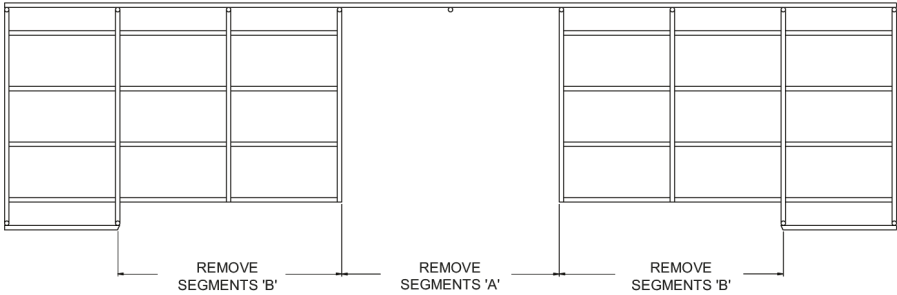
Example of MC55200, MCCL x 2, MCM620NW x 1

Find us in the Beama best practice guide for additional installation instructions

Right Angle Bend

Fabrication Guide
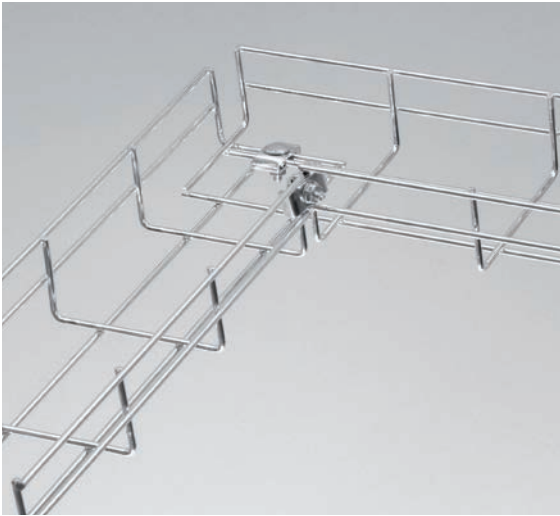
TRAY WIDTH (mm)	FASTENING TYPE	MCCA	REMOVED SEGMENTS
100	MCCA	x2	1
150	MCCA	x2	2
200	MCCA	x2	2
300	MCCA	x2	3
400	MCCA	x2	4
450	MCCA	x2	4
500	MCCA	x2	5
600	MCCA	x2	6
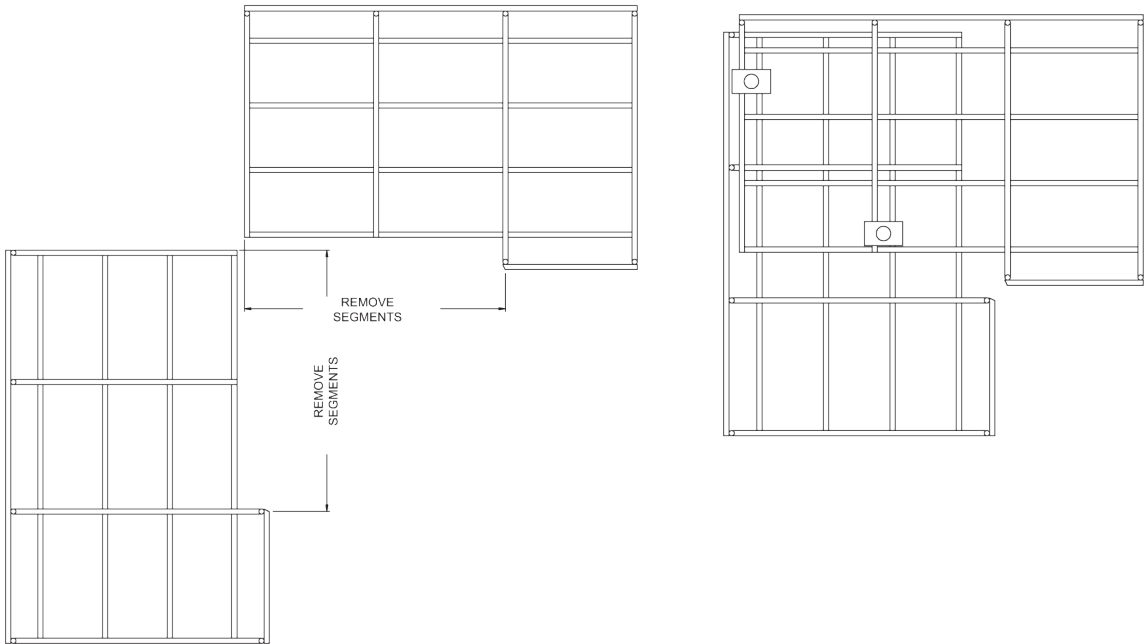
Steel Wire Cable Tray

REMOVE SEGMENTS

REMOVE SEGMENTS

Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.

Small Radius Bend

Fabrication Guide
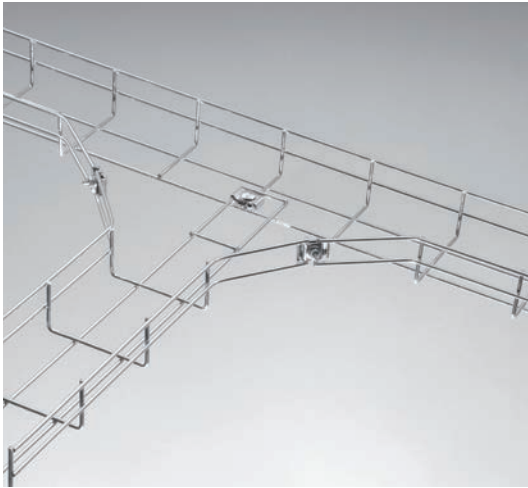
TRAY WIDTH (mm)	FASTENING TYPE	MCCB	MCCA	REMOVED SEGMENTS		REMOVED SEGMENTS	
				A1	A2	B1	B2
100	MCCA		x3			1	1
150	MCCA MCCB x 2 MCSP x 50mm	x2	x1	3	2	1	1
200	MCCA		x3	3	2	1	1
300	MCCA		x4	4	2	1	1
400	MCCA		x4	5	2	1	1
450	MCCA		x4	5	2	1	1
500	MCCA MCCB x 2 MCSP x 50mm	x2	x2	6	2	1	1
600	MCCA MCCB x 2 MCSP x 50mm	x2	x2	6	2	1	1

Find us in the Beama best practice guide for additional installation instructions

Steel Wire Cable Tray

Right Angle Bend

TRAY WIDTH (mm)	FASTENING TYPE	MCCB	MCSP90	REMOVED SEGMENTS
100	MCCB MCSP90	x4	x2	1
150	MCCB MCSP90	x4	x2	2
200	MCCB MCSP90	x4	x2	2
300	MCCB MCSP90	x4	x2	3
400	MCCB MCSP90	x4	x2	4
450	MCCB MCSP90	x4	x2	4
500	MCCB MCSP90	x4	x2	5
600	MCCB MCSP90	x4	x2	6
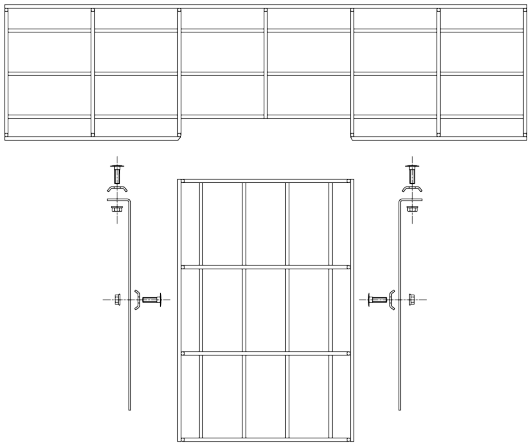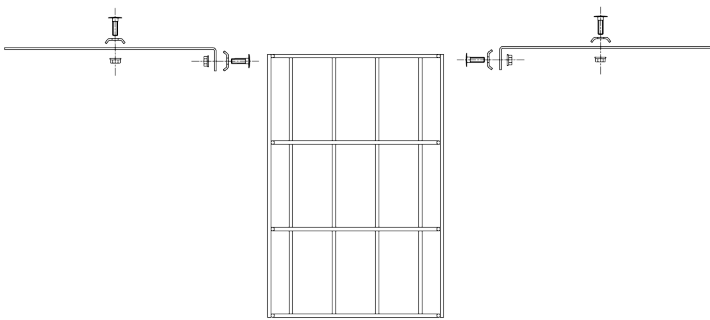
Example shows MC55200 to MC55150

Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.

Steel Wire Cable Tray

Wall Support Brackets

Fabrication Guide – Recommendation

REF NO	DIMENSIONS (MM)	FAST FIX WALL BRACKET	CANTILEVER BRACKET	WALL/FLOOR BRACKET	MCAMP	MCB35
MC3050	30 x 50	–	MCCB100*	MCWB50	–	1
MC30100	30 x 100	MCWFB100	MCCB100	MCWB100 / MCCSB100	–	–
MC30150	30 x 150	MCWFB150	MCCB150	MCWB150 / MCCSB150	–	–
MC30200	30 x 200	MCWFB200	MCCB200	MCWB200 / MCCSB200	–	–
MC30300	30 x 300	MCWFB300	MCCB300	MCWB300 / MCCSB300	–	–
MC30400	30 x 400	MCWFB400	MCCB400	MCWB400 / MCCSB400	–	–
MC30450	30 x 450	MCWFB450	–	MCWB450 / MCCSB450	–	–
MC30500	30 x 500	–	–	MCWB500 / MCCSB500	–	–
MC5550	55 x 50	–	MCCB100*	MCWB50	1	1
MC55100	55 x 100	MCWFB100	MCCB100	MCWB100 / MCCSB100	–	–
MC55150	55 x 150	MCWFB150	MCCB150	MCWB150 / MCCSB150	–	–
MC55200	55 x 200	MCWFB200	MCCB200	MCWB200 / MCCSB200	–	–
MC55300	55 x 300	MCWFB300	MCCB300	MCWB300 / MCCSB300	–	–
MC55400	55 x 400	MCWFB400	MCCB400	MCWB400 / MCCSB400	–	–
MC55450	55 x 450	MCWFB450	–	MCWB450 / MCCSB450	–	–
MC55500	55 x 500	–	–	MCWB500 / MCCSB500	–	–
MC55600	55 x 600	–	–	MCWB600 / MCCSB600	–	–
MC106100	106 x 100	MCWFB100	MCCB100*	MCWB100 / MCCSB100	–	–
MC106150	106 x 150	MCWFB150	MCCB100	MCWB150 / MCCSB150	–	–
MC106200	106 x 200	MCWFB200	MCCB200	MCWB200 / MCCSB200	–	–
MC106300	106 x 300	MCWFB300	MCCB300	MCWB300 / MCCSB300	–	–
MC106400	106 x 400	MCWFB400	MCCB400	MCWB400 / MCCSB400	–	–
MC106450	106 x 450	MCWFB450	–	MCWB450 / MCCSB450	–	–
MC106500	106 x 500	–	–	MCWB500 / MCCSB500	–	–
MC106600	106 x 600	–	–	MCWB600 / MCCSB600	–	–

* Due to a central wire running down the length of the tray a MCB35 is needed.

Steel Wire Cable Tray conforms to the following standards: BS EN 61537:2007, IEC 61537.

Steel Wire Cable Tray

Suspension Brackets

REF NO	DIMENSIONS (MM)	SUPPORT CHANNEL STANDARD/FAST FIX	MCSB68 MCSB1012	MCSH	MCSB50	MCSB100	MCSB150
MC3050	30 x 50	–	2	–	1	–	–
MC30100	30 x 100	MCCSB100	2	1	–	1	–
MC30150	30 x 150	MCCSB150	2	1**	–	–	1
MC30200	30 x 200	MCCSB200	2	1	–	–	–
MC30300	30 x 300	MCCSB300	–	–	–	–	–
MC30400	30 x 400	MCCSB400	–	–	–	–	–
MC30450	30 x 450	MCCSB450	–	–	–	–	–
MC30500	30 x 500	MCCSB500	–	–	–	–	–
MC5550	55 x 50	–	2	–	1	–	–
MC55100	55 x 100	MCCSB100	2	1	–	1	–
MC55150	55 x 150	MCCSB150	2	1	–	–	1
MC55200	55 x 200	MCCSB200	2	1	–	–	–
MC55300	55 x 300	MCCSB300	–	–	–	–	–
MC55400	55 x 400	MCCSB400	–	–	–	–	–
MC55450	55 x 450	MCCSB450	–	–	–	–	–
MC55500	55 x 500	MCCSB500	–	–	–	–	–
MC55600	55 x 600	MCCSB600	–	–	–	–	–
MC106100	106 x 100	MCCSB100	2	1	–	–	–
MC106150	106 x 150	MCCSB150	2	1**	–	–	–
MC106200	106 x 200	MCCSB200	–	–	–	–	–
MC106300	106 x 300	MCCSB300	–	–	–	–	–
MC106400	106 x 400	MCCSB400	–	–	–	–	–
MC106450	106 x 450	MCCSB450	–	–	–	–	–
MC106500	106 x 500	MCCSB500	–	–	–	–	–
MC106600	106 x 600	MCCSB600	–	–	–	–	–

Suspension brackets can be used effectively only up to a certain weight. For larger Steel Wire Cable Tray, support channels are recommended.

** Due to a central wire running down the length of the tray, central suspension brackets would need to be staggered.

Coupler Recommendations

Fabrication Guide

REF NO	MCQC QUICK COUPLER		MCCA COUPLER		MCSSC COUPLER	MCSSCL COUPLER	MCFJC COUPLER	MCFJCM COUPLER	MCFJCL COUPLER
	SIDE	BASE	SIDE	BASE	SIDE	SIDE	SIDE	SIDE	SIDE
MC3050	2	–	2	–					
MC30100	2	–	2	1					
MC30150	2	–	2	1					
MC30200	2	1	2	1					
MC30300	2	1	2	2					
MC30400	2	2	2	2					
MC30450	2	2	2	2					
MC30500	2	2	2	2					
MC5550	2	–	2	–	2		2		
MC55100	2	–	2	1	2		2		
MC55150	2	1	2	1	2		2		
MC55200	2	1	2	1	2		2		
MC55300	2	1	2	2		2		2	
MC55400	2	2	2	2		2			2
MC55450	2	2	2	2		2			2
MC55500	2	2	2	2		2			2
MC55600	2	3	2	3		2			2
MC106100	2	1	2	1		2		2	
MC106150	2	1	2	1		2		2	
MC106200	2	1	2	1		2			2
MC106300	2	2	2	2		2			2
MC106400	2	3	2	3		2			2
MC106450	2	3	2	3		2			2
MC106500	2	3	2	3		2			2
MC106600	2	3	2	3		2			2

This table is intended to be used as a guide only.
For large volumes of cable, more support may be necessary

Steel Wire Cable Tray

Cable Capacities

30mm Depth

Steel Wire Cable Tray
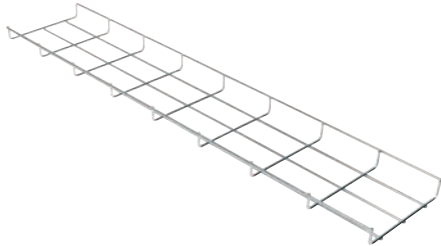
TABLES SHOWING APPROXIMATE CABLE CAPACITIES OF ALL STEEL WIRE CABLE TRAYS USING A 50% FILL RATIO					
MC30			APPROX CABLE CAPACITY UNDER NEC 50% RULE		
CABLE TRAY	TOTAL FILL AREA (mm²)	NEC 50% RULE: ALLOWABLE FILL AREA (mm²)	CAT5e 4-pr UTP (4.9mm diam)	CAT 6 4-pr UTP (6.5mm diam)	CAT 6a 4-pr UTP (8.9 diam)
MC3050	1400	700	37	21	11
MC30100	2800	1400	74	42	23
MC30150	4200	2100	111	63	34
MC30200	5600	2800	148	84	45
MC30300	8400	4200	223	127	68

55mm Depth

Steel Wire Cable Tray
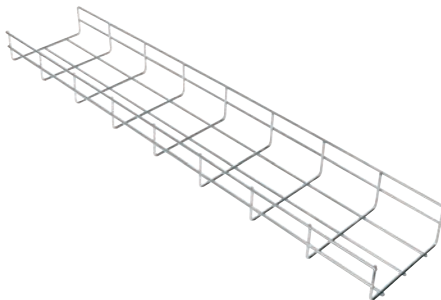
MC55			APPROX CABLE CAPACITY UNDER NEC 50% RULE		
CABLE TRAY	TOTAL FILL AREA (mm²)	NEC 50% RULE: ALLOWABLE FILL AREA (mm²)	CAT5e 4-pr UTP (4.9mm diam)	CAT 6 4-pr UTP (6.5mm diam)	CAT 6a 4-pr UTP (8.9 diam)
MC5550	2600	1300	69	39	21
MC55100	5200	2600	138	78	42
MC55150	7800	3900	207	118	63
MC55200	10400	5200	276	157	84
MC55300	15600	7800	414	235	125
MC55400	20800	10400	552	313	167
MC55450	23400	11700	620	353	188
MC55500	26000	13000	689	392	209
MC55600	31200	15599.95	827	470	251

106mm Depth

Steel Wire Cable Tray
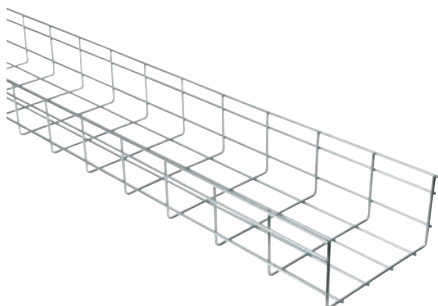
MC106			APPROX CABLE CAPACITY UNDER NEC 50% RULE		
CABLE TRAY	TOTAL FILL AREA (mm²)	NEC 50% RULE: ALLOWABLE FILL AREA (mm²)	CAT5e 4-pr UTP (4.9mm diam)	CAT 6 4-pr UTP (6.5mm diam)	CAT 6a 4-pr UTP (8.9 diam)
MC106100	10303	5152	273	155	83
MC106150	15452	7726	410	233	124
MC106200	20600	10300	546	310	166
MC106300	30903	15452	819	466	248
MC106400	41200	20600	1092	621	331
MC106450	46348	23174	1229	698	373
MC106500	51503	26752	1366	776	414
MC106600	617800	30900	1639	931	497

Steel Wire Cable Tray

Atkore™ Marco

MC30 Range

Specification for MC30 Steel Wire Cable Tray

Product Code

MC30 Range

Product Description

30mm deep Steel Wire Cable Tray
50 x 100 mm mesh configuration

Product Dimensions

MC3050 – 30 x 50 mm
MC30100 – 30 x 100 mm
MC30150 – 30 x 150 mm
MC30200 – 30 x 200 mm
MC30300 – 30 x 300 mm
MC30400 – 30 x 400 mm
MC30450 – 30 x 450 mm
MC30500 – 30 x 500 mm

Standard 3M Length
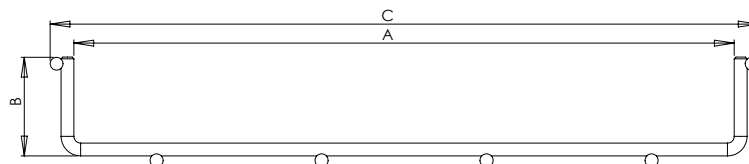
PART CODE	'A' DIMENSION	'B' DIMENSION	'C' DIMENSION
MC3050	50	30	64
MC30100	100	30	114
MC30150	150	30	164
MC30200	200	30	214
MC30300	300	30	316
MC30400	400	30	416
MC30450	450	30	466
MC30500	500	30	516

Applicable Standards:

BS EN 61537 (Cable tray systems)
BS EN ISO 10244 (Steel wire and wire products)
BS EN ISO 1461(Hot dip galvanised coatings)
BS EN ISO 2081 (Metallic and other inorganic coatings)
BS EN 13438 (Powder organic coatings)

Product Specification:

Manufactured: Machine welded from steel wire rod

Cable Capacities

MC30			APPROX CABLE CAPACITY UNDER NEC 50% RULE		
CABLE TRAY	TOTAL FILL AREA (mm²)	NEC 50% RULE: ALLOWABLE FILL AREA (mm²)	CAT 5e 4-pr UTP (4.9mm diam)	CAT 6 4-pr UTP (6.5mm diam)	CAT 6a 4-pr UTP (8.9mm diam)
MC3050	1400	700	37	21	11
MC30100	2800	1400	74	42	23
MC30150	4200	2100	111	63	34
MC30200	5600	2800	148	84	45
MC30300	8400	4200	223	127	68

Finishes

PG – Pre-Galvanised
HDG – Hot-Dip Galvanised
EZ – Electro Zinc
PC – Powder Coated

MC55 Range

Product Code

MC55 Range

Product Description

55mm deep Steel Wire Cable Tray
50 x 100 mm mesh configuration

Product Dimensions

MC5550 – 55 x 50 mm
MC55100 – 55 x 100 mm
MC55150 – 55 x 150 mm
MC55200 – 55 x 200 mm
MC55300 – 55 x 300 mm
MC55400 – 55 x 400 mm
MC55450 – 55 x 450 mm
MC55500 – 55 x 500 mm
MC55600 – 55 X 600 mm

Standard 3M Length

Applicable Standards:

BS EN 61537 (Cable tray systems)
BS EN ISO 10244 (Steel wire and wire products)
BS EN ISO 1461(Hot dip galvanised coatings)
BS EN ISO 2081 (Metallic and other inorganic coatings)
BS EN 13438 (Powder organic coatings)

Product Specification:

Manufactured: Machine welded from steel wire rod

PART CODE	'A' DIMENSION	'B' DIMENSION	'C' DIMENSION
MC5550	50	55	64
MC55100	100	55	114
MC55150	150	55	164
MC55200	200	55	214
MC55300	300	55	316
MC55400	400	55	416
MC55450	450	55	468
MC55500	500	55	518
MC55600	600	55	618

Cable Capacities

MC55			APPROX CABLE CAPACITY UNDER NEC 50% RULE		
CABLE TRAY	TOTAL FILL AREA (mm²)	NEC 50% RULE: ALLOWABLE FILL AREA (mm²)	CAT 5e 4-pr UTP (4.9mm diam)	CAT 6 4-pr UTP (6.5mm diam)	CAT 6a 4-pr UTP (8.9mm diam)
MC5550	2600	1300	69	39	21
MC55100	5200	2600	138	78	42
MC55150	7800	3900	207	118	63
MC55200	10400	5200	276	157	84
MC55300	15600	7800	414	235	125
MC55400	20800	10400	552	313	167
MC55450	23400	11700	620	353	188
MC55500	26000	13000	689	392	209
MC55600	31200	15599.95	827	470	251

Finishes

PG – Pre-Galvanised
HDG – Hot-Dip Galvanised
EZ – Electro Zinc
PC – Powder Coated

Steel Wire Cable Tray

Atkore™ Marco

MC106 Range

Specification for MC106 Steel Wire Cable Tray

Product Code

MC106 Range

Product Description

106mm deep Steel Wire Cable Tray
50 x 100 mm mesh configuration

Product Dimensions

MC106100 – 106 x 100 mm
MC106150 – 106 x 150 mm
MC106200 – 106 x 200 mm
MC106300 – 106 x 300 mm
MC106400 – 106 x 400 mm
MC106450 – 106 x 450 mm
MC106500 – 106 x 500 mm
MC106600 – 106 x 600 mm

Standard 3M Length

Applicable Standards:

BS EN 61537 (Cable tray systems)
BS EN ISO 10244 (Steel wire and wire products)
BS EN ISO 1461(Hot dip galvanised coatings)
BS EN ISO 2081 (Metallic and other inorganic coatings)
BS EN 13438 (Powder organic coatings)

Product Specification:

Manufactured: Machine welded from steel wire rod
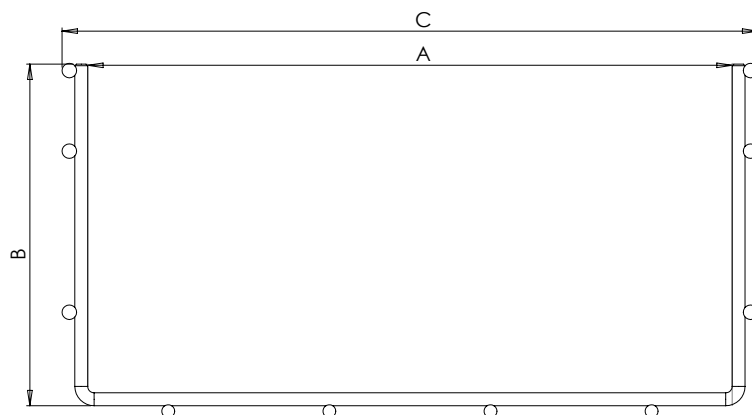
PART CODE	'A' DIMENSION	'B' DIMENSION	'C' DIMENSION
MC106100	100	106	114
MC106150	150	106	164
MC106200	200	106	214
MC106300	300	106	316
MC106400	400	106	418
MC106450	450	106	468
MC106500	500	106	518
MC106600	600	106	618

Cable Capacities

MC106			APPROX CABLE CAPACITY UNDER NEC 50% RULE		
CABLE TRAY	TOTAL FILL AREA (mm²)	NEC 50% RULE: ALLOWABLE FILL AREA (mm²)	CAT 5e 4-pr UTP (4.9mm diam)	CAT 6 4-pr UTP (6.5mm diam)	CAT 6a 4-pr UTP (8.9mm diam)
MC106100	10303	5152	273	155	83
MC106150	15452	7726	410	233	124
MC106200	20600	10300	546	310	166
MC106300	30903	15452	819	466	248
MC106400	41200	20600	1092	621	331
MC106450	46348	23174	1229	698	373
MC106500	51503	25752	1366	776	414
MC106600	617800	30900	1639	931	497

Finishes

PG – Pre-Galvanised
HDG – Hot-Dip Galvanised
EZ – Electro Zinc
PC – Powder Coated

MCFJC Range

Product Code

MCFJC Range

Product Description

Fast Joining Coupler Small, Medium, Large

Product Dimensions

S - 115 x 20 x 1.2mm
M - 116.5 x 18.5 x 1.2mm
L - 117 x 18.5 x 1.2mm
MCFJC30 - 115 x 30 x 1,2mm
MCFJC30-M - 116.50 x 28.5 x 1.2mm

Utilisation

Pre-attached to lengths of Steel Wire Cable Tray.
Couples two lengths of tray quickly and securely.

Applicable Standards:

BS EN 61537 (Cable tray systems)
BS EN ISO 2081 (Metallic and other inorganic coatings)

Product Specification:

Manufactured: Power-pressed from stripped steel

Material Specification: (if applicable)

65Mn sprung steel

C	S	Si	Mn	P	Cr	Ni	Cu
0.65%	0.018%	0.25%	1.13%	0.021%	0.22%	0.19%	0.17%

Yield Strength	785 MPa
Tensile Strength	981 MPa
Elongation	21%

The above are typical test results and do not constitute any part of a specification

Finishes

EZ - Electro Zinc, suitable for use with Electro-Zinc trays

MCFJC30 Range
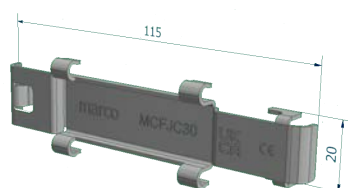
MCFJC30

MCFJC30-M

SWCT Specification
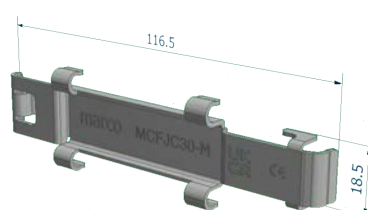
Separation between telecoms cabling

BS 50174-2 – Separation between Power & Information Technology Cables

In installations where the horizontal wire cable tray length is less than 35m no separation is required, in case of screened cabling. For lengths greater than 35m, the separation distances apply to the full length excluding the final 15m attached to the outlet.

Please see table below:

	Distance A		
	Without divider or non metallic divider	Aluminium Divider	Steel Divider
Unscreened power and data cable	200mm	100mm	50mm
Unscreened power cable and screened IT cable	50mm	20mm	5mm
Screened power cable and unscreened IT cable	30mm	20mm	2mm
Screened power cable and screened IT cable	0mm	0mm	0mm
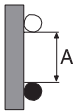
Wall installation
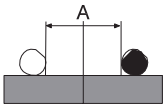
Floor or ceiling installation
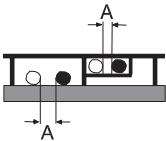
Raised floor or ceiling installation

Note – All cables should be fixed. For cables with fixing, minimum distance is the distance that is the worst situation between fixing points. Without fixing, 0mm distance shall be taken into consideration.

Example of power cable and information technology cables that run parallel without divider.
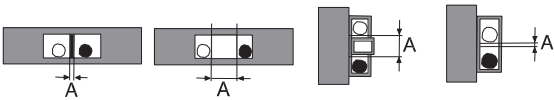
Underfloor system

Wall mounted system

Steel Wire Cable Tray

Material Specification

Chemical Composition

C	Mn	Si	S	P
0.60%	0.450%	0.140%	0.034%	0.026%

Mechanical Characteristics

3.1.B:EN 10204

Tensile Strength	75.2 kg/mm²
	738 N/mm²

Yield Strength	67.7 Kg/mm²
	664 N/mm²

Product

Bright mild steel drawn wire 3.9mm OD. Coil 900Kgs.

Standard

Steel Wire Standard C9D, UNE EN 100016-2

Size

Tolerance 0/0.2mm

Nominal OD:	3.9mm	Max: 3.9mm Min: 3.88mm	Real OD: 3.89mm
Nominal OD:	4.4mm	Max: 4.4mm Min: 4.38mm	Real OD: 4.39mm
Nominal OD:	4.9mm	Max: 4.9mm Min: 4.88mm	Real OD: 4.89mm

Steel Wire Cable Tray

![Atkore Marco logo]

Testing

Product Testing Methods

Installation Test Area

Atkore Marco has created an installation test area at our factory premises, where all uPVC trunking and fittings can be installed and tested in a realistic setting.

Atkore Marco has a spectrophotometer to carry out in-house colour testing, external fire testing (Warrington Fire Testing), in-house quality/testing procedures and supplier test measurements for the uPVC compound Marco purchases.

Thermal Expansion uPVC

It is recommended not to run the installation at high temperatures for long periods of time. The table below shows the various temperatures for the different uPVC trunking stages:

TEMPERATURE RANGE °C	MIN	MAX
STORAGE	–5	+50
INSTALLATION	–5	+50
OPERATING	–5	+50

Water Absorption uPVC

Negligible.

Testing Facility

Atkore Marco has further demonstrated its commitment to producing the highest quality products on the market by investing in a high-tech suite of specialist test equipment.
To date, Atkore Marco is the only UK manufacturer of Steel Wire Cable Tray to own such high specification in-house testing equipment, which will ensure all products are fully compliant with IEC61537 and related standards. Atkore Marco is now able to regularly carry out full deflection tests on all products, and is testing alternative configurations with a view to developing the next generation of trays for the UK and European Markets.
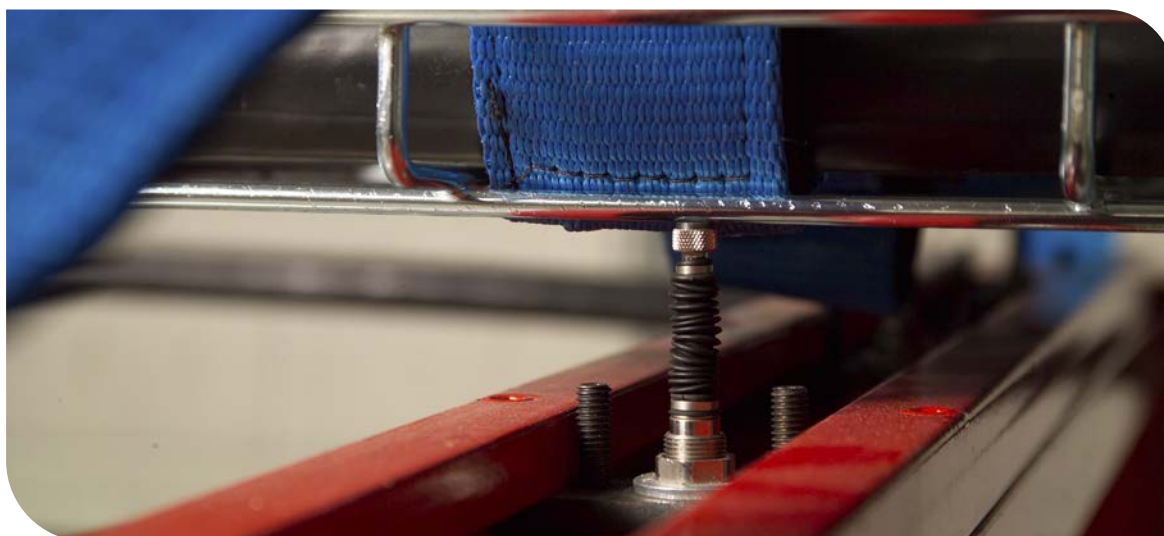
Testing

Safe Working Load

Steel Wire Cable Trays are tested across two spans and a cantilever.
The deflection is measured on the central span using three sensors placed on the sides and at the centre to the tray.
The test method conforms to the BSEN 61537 standard.

Note: The maximum deflection of 1/100 is always reached for a lesser load than that of the safety load. (The breaking point divided by a safety co-efficient of 1.7). CEI/61537

Coupling S/%

| 0.4S | S | S |
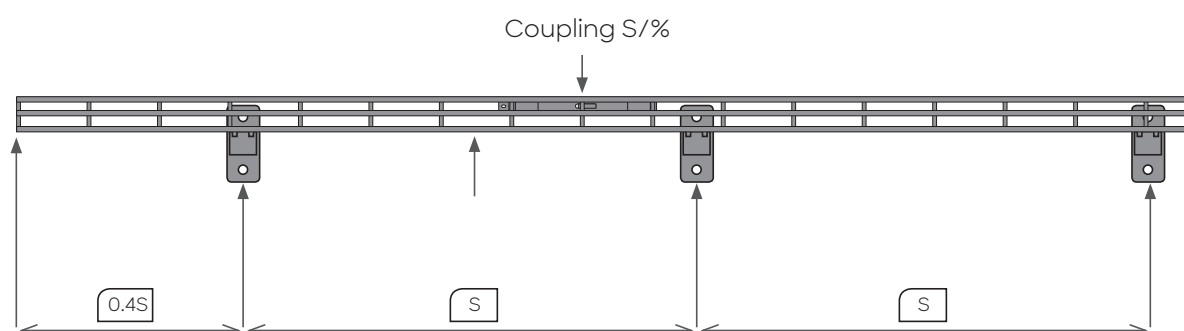
Recommended Support Spacing

There is an optimum configuration to obtain 2 metre spans without the couplings being positioned at the supports or in the middle of the spans.

To obtain this result, the first span is deliberately limited to 1.5 metres, then the supports are placed approximately every 2 metres. The coupling points are therefore always 0.5 metres from a support.

3M   3M   3M

COUPLER   COUPLER   COUPLER

S/5   S/5   S/5

1.5M   2M   2M   2M   2M
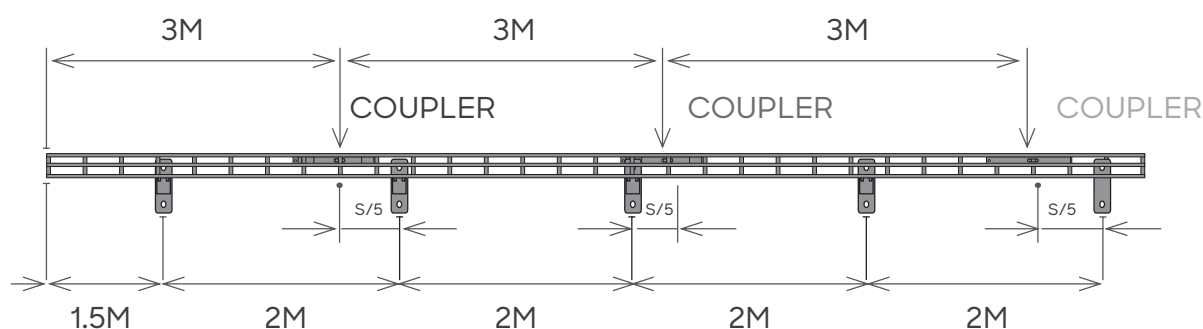
Testing

Product Testing Methods

Permissible Load

Permissible loads are tested for a maximum deflection of 1/100th of the span, with a coupling positioned at 1/5th of the span from the support.

The coefficient applied to the load for coupling in the middle of the span – 0.7.
Permissible load for maximum sag = L/100 on the intermediate span, coupling at 1/5th of the span.
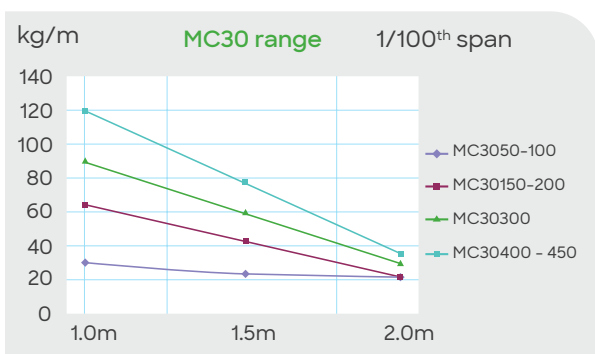
MC30	
CODE	**SIZE (mm)**
MC3050	30 x 50
MC30100	30 x 100
MC30150	30 x 150
MC30200	30 x 200
MC30300	30 x 300
MC30400	30 x 400
MC30450	30 x 450
MC30500	30 x 500
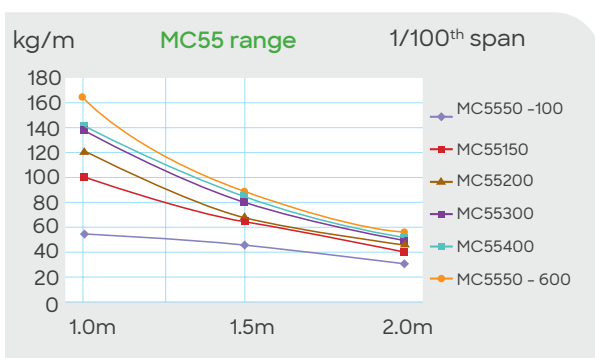
MC55	
CODE	**SIZE (mm)**
MC5550	55 x 50
MC55100	55 x 100
MC55150	55 x 150
MC55200	55 x 200
MC55300	55 x 300
MC55400	55 x 400
MC55450	55 x 450
MC55500	55 x 500
MC55600	55 x 600
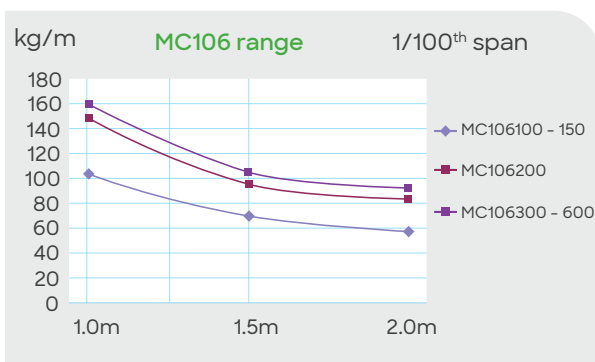
MC106	
CODE	**SIZE (mm)**
MC106100	106 x 100
MC106150	106 x 150
MC106200	106 x 200
MC106300	106 x 300
MC106400	106 x 400
MC106450	106 x 450
MC106500	106 x 500
MC106600	106 x 600

Testing

Supports

The brackets are characterised by their permissible loads (in Kg).

The hangers are characterised by their permissible torques (in Kg.m). All supports are tested and conform with the standard BSEN61537.

The safe working load (SWL) as defined by the standard is the lowest value of either:

The load creating a deflection of L/20 at the end
The breaking load divided by 1.7, if the deflection at L/20 is not reached

L

MAX L20mm
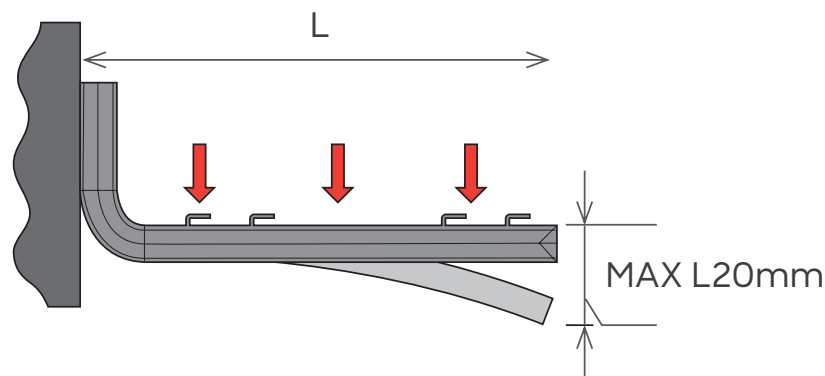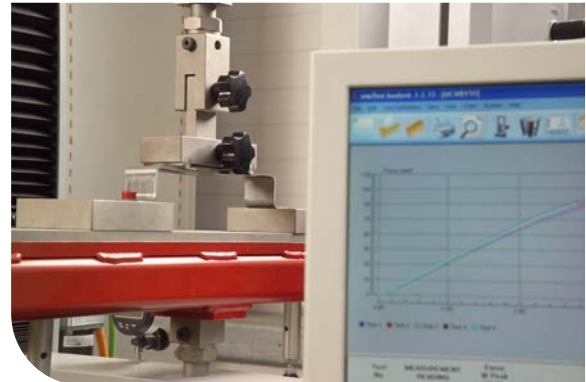
Electro-Magnetic Compatibility

Atkore Marco engage the services of York EMC, part of The University of York, to investigate shielding effectiveness of Marco Steel Wire Cable Tray.

Steel Wire Cable Tray is found to outperform the 200mm pacing configuration required by BSEN50174-2 proven by the independently commissioned EMC tests.

This indicates that Atkore Marco's Steel Wire Cable Tray can offer a more efficient and compact installation (rather than relying on spacing).

source → coupling → victim

power cable   data cable

Product Testing Methods

Electrical Continuity

Atkore Marco engage the services of York EMC, part of The University of York to measure the resistance of Steel Wire Cable Tray and an MCQC.

The resistance tests are in comparison with requirements EN537:2007 clause 11.1, electrical continuity [1].

An electrical current is passed through the system in order to measure the resistance of the coupler. The lower the resistance, the better the electrical continuity.

The maximum Steel Wire Cable Tray impedance per metre is set at 5mΩ, while the value recorded using Atkore Marco's Steel Wire Cable Tray is 1.3mΩ, over 3 times more effective than the requirement specified.

Under the requirements of the standard, couplers must have a maximum resistance of 50mΩ. On average, Atkore Marco couplers are found to have a resistance of 0.44mΩ, over 100 times more effective than the specified requirement.

The Steel Wire Cable Tray and coupler exceed the requirements of the BSEN61537:2007 standard for the electrical continuity clause 11.1.

Short Circuit Testing

Atkore Marco has carried out short circuit tests at an independent laboratory in Europe in order to prove that out Steel Wire Cable Tray is designed and manufactured with sufficient strength to withstand a short circuit fault.

Steel Wire Cable Tray is tested in accordance with the standard that governs the manufacture of cable cleats, IEC6914:2009 (Cable Cleats for Electrical Installations) in order to prove that the system can be used for installations where there is a fault requirement.

During the test, two lengths of MC106450 (106mm high x 450mm wide) Steel Wire Cable Tray are supported and attached at intervals of 1.5 metres to three pieces of strut supports. The Steel Wire Cable Trays were coupled together at 1/5th of the span (300mm from the support) using four MCQC (Atkore Marco quick coupler), on the walls and base of the tray. The cables used to carry the current for the short circuit are placed in a trefoil installation using Ellis Patent's 'stainless steel' Vulcan + cleats positioned at intervals of 500mm along the length of the tray.

Testing in accordance with the standard IEC 61914:2009 clause 6.4.3, a current of 106KA is again passed through the same test object, with an inspection once more confirming that there had been no damage to the system.

The tests confirm that Steel Wire Cable Tray is produced with enough strength and quality to withstand short circuits, enabling the system to be specified on a wide range of electrical installations.
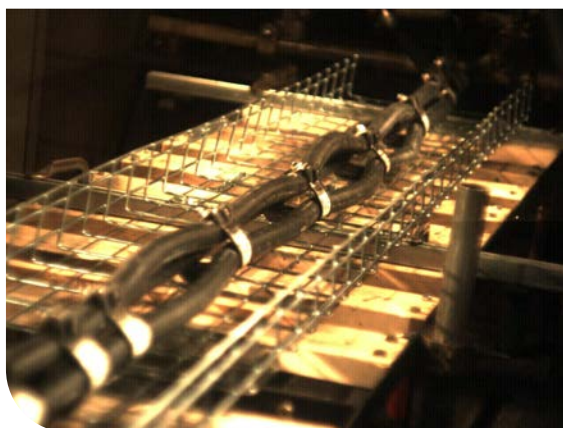
Testing

Fast-Fix Strut Clip (MCFUSC)

The quick fit strut clip (MCFUSC) is ideal for a wide range of installations, including modular builds, as it is able to be fitted prior to transit, without the need of additional securing clips.

In order to prove that the MCFUSC cab be used in even the most complex of installations, Atkore Marco undertake bespoke testing to the conditions of British Standard BSEN61537.

To determine a safe working load for the MCFUSC, a test is devised by fitting a length of MC55200EZ (55 x 200mm) Steel Wire Cable Tray to a piece of Unistrut channel, attached using two MCFUSC clips.

The machine is then set to pull away from the centre position up to a maximum force of 80Kg, until either the Steel Wire Cable Tray deflected 5mm in height, or the MCFUSC failed.

The Steel Wire Cable Tray reaches the desired deflection of 5mm with the MCFUSC holding securely in place.

Atkore Marco can therefore prove that the MCFUSC has a safe working load of 80Kg.
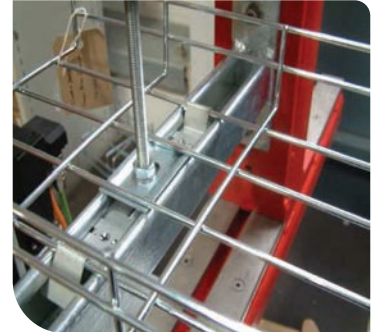
Environmental

All products are produced to all applicable environmental standards. No compounds used contain any substances classified as health hazards according to EEC directive 1999/45/EC and the UK CHIP Statutory Instrument 2002 to 1689.

100% of all possible recycled uPVC material is re-used in the manufacture of Atkore Marco trunking systems. Recycled material is only used in the manufacture of our uPVC trunking bases, in order to allow the visible elements and accessories to retain their pure white finish. In order to maintain the highest quality possible and keep tolerances above the required level, the ratio of regrind to virgin material does not exceed a predetermined percentage.

All Atkore Marco Steel Wire Cable Trays are manufactured from a steel wire rod comprising 100% recycled material. 100% of the minimal amount of scrap Steel Wire Cable Tray produced is sold locally for reprocessing. Atkore Marco Steel Wire Cable Tray production is UK based, reducing both it's 'product-miles' and carbon footprint to a minimum and setting it apart from it's main competitors.

Atkore Marco recognises that it can extend its sustainability policy beyond its own business and encourage customers to return old products for recycling and reprocessing into good production.

All products are RoHS compliant and meet REACh credentials and the company is supporting their customers towards achieving a high BREEAM rating or other accreditations.

Atkore™
Marco

Case Study

Longdean School

CLIENT
Interserve

PROJECT
Longdean School

SECTOR
Education

PRODUCTS
uPVC Trunking
Power Poles

Atkore Marco's presence within the UK education sector continues to grow from strength to strength, the firm's Elite 3 uPVC trunking being utilised at Interserve's pioneering PF2 scheme.

The £150 million HLR Schools project involves the demolition and new build of seven secondary schools in the South East of England.

Developed under a challenging time frame, a uniformed and standardised approach across all seven sites was critical. Atkore Marco's Elite 3 trunking formed part of the specification applied across all projects in line with the wider approach.

Enabling works began in March 2015. Developed in phases concurrently, the new builds were constructed on existing playing fields and car parks. Upon completion the old buildings have been demolished and the sites made good for recreational use.

Stuart Langridge (Associate Director) for Interserve Engineering Services explained: "We recognise the synergy between Atkore Marco's Elite trunking and the education market and appreciated their experience within this sector, as well as the many benefits that the product presented.

"As with all of our specifications, careful consideration was given to quality. Future-proofing was another major factor, and how this could be managed, so the Elite trunking was a perfect fit for the Cat6 structured cabling solution. The Education Funding Agency approved use of the Elite products during the design and planning phase, this was pre-agreed far in advance of installation work.

"In terms of volume, we have ordered vast quantities of Elite trunking across all seven sites. Our team were impressed with ease of installation and the modern bright white and curved aesthetics of Elite (with grey plates for DDA compliance), which sit really well within this type of environment."

Case Study

CLIENT

Mercury Engineering

PROJECT

South Glasgow
General Hospital

SECTOR

Health

PRODUCTS

uPVC Trunking
Hygieia Anti-Microbial

Atkore Marco has made its final delivery to contractors on site at Glasgow General, the largest single NHS hospital ever built in Scotland.

Mercury Engineering managed the entire construction programme at the hospital, one of the most advanced medical facilities in the world, which includes a 14 storey adult hospital and a 5 storey children's hospital. The facility also has 20 modern operating theatres and is home to major specialised services for renal medicine, transplantation and vascular surgery.

Due to the complex nature of this project, Marco supplied its trunking system pre-fabricated to suit Mercury Engineering's exact requirements, and the Hygieia specification was utilised across the vast hospital site.

Gavin Hanlon, Electrical Manager at Mercury Engineering said: "Mercury learned about the Hygieia product from previous Marco case studies and their success on other large healthcare projects.

The Hygieia specification is a perfect fit in environments where the spread of bacterial growth must be controlled, which was a key factor to Mercury when considering the hygiene requirements of a modern day hospital.

Mercury is very happy with the products that Marco supply. Not only are the products of good quality, but Marco themselves as an organisation are very good with communication and delivery of products."

Atkore Marco utilises silver ion technology within its Hygieia specification to create a defence against 99.9% of harmful bacteria growth. This provides built-in protection from, and prevents the growth of, bacteria including MRSA, E-Coli, Salmonella, Klebsiella Pneumoniae and Streptococci; along with fungi, mildew and mould.

The antimicrobial compound is incorporated into the uPVC, and is therefore an integral part of the Trunking. As a result, there is no degradation of performance if the surface becomes scratched or damaged.

All antimicrobial products are tested in accordance with ISO22196:2011, which specifies the method of evaluating the antibacterial activity of treated uPVC products and is in compliance with all relevant European regulations.

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![Atkore Unistrut logo]

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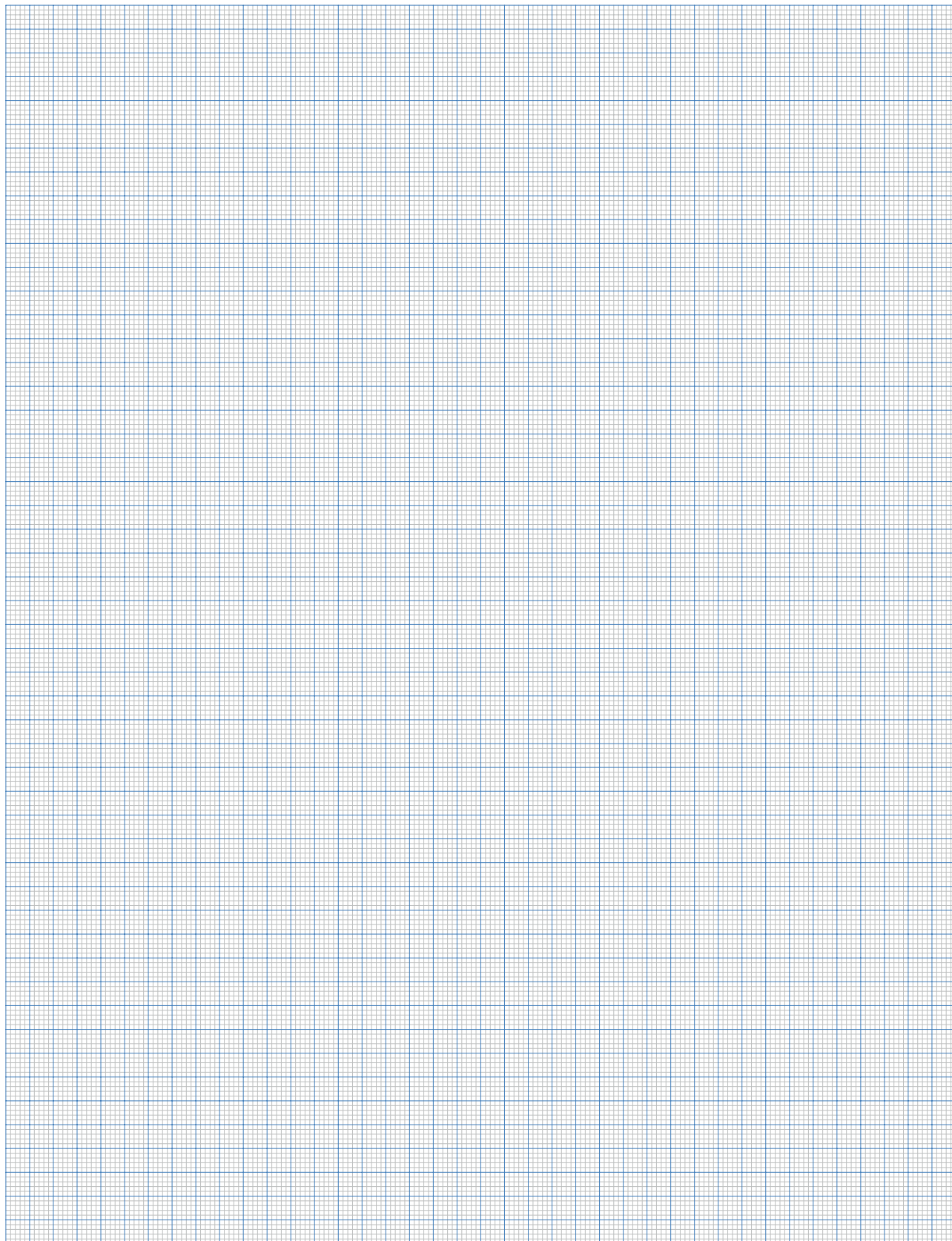| Code	Page
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Notes

0.5 cm x 0.5 cm

Notes

0.5 cm x 0.5 cm

Atkore™
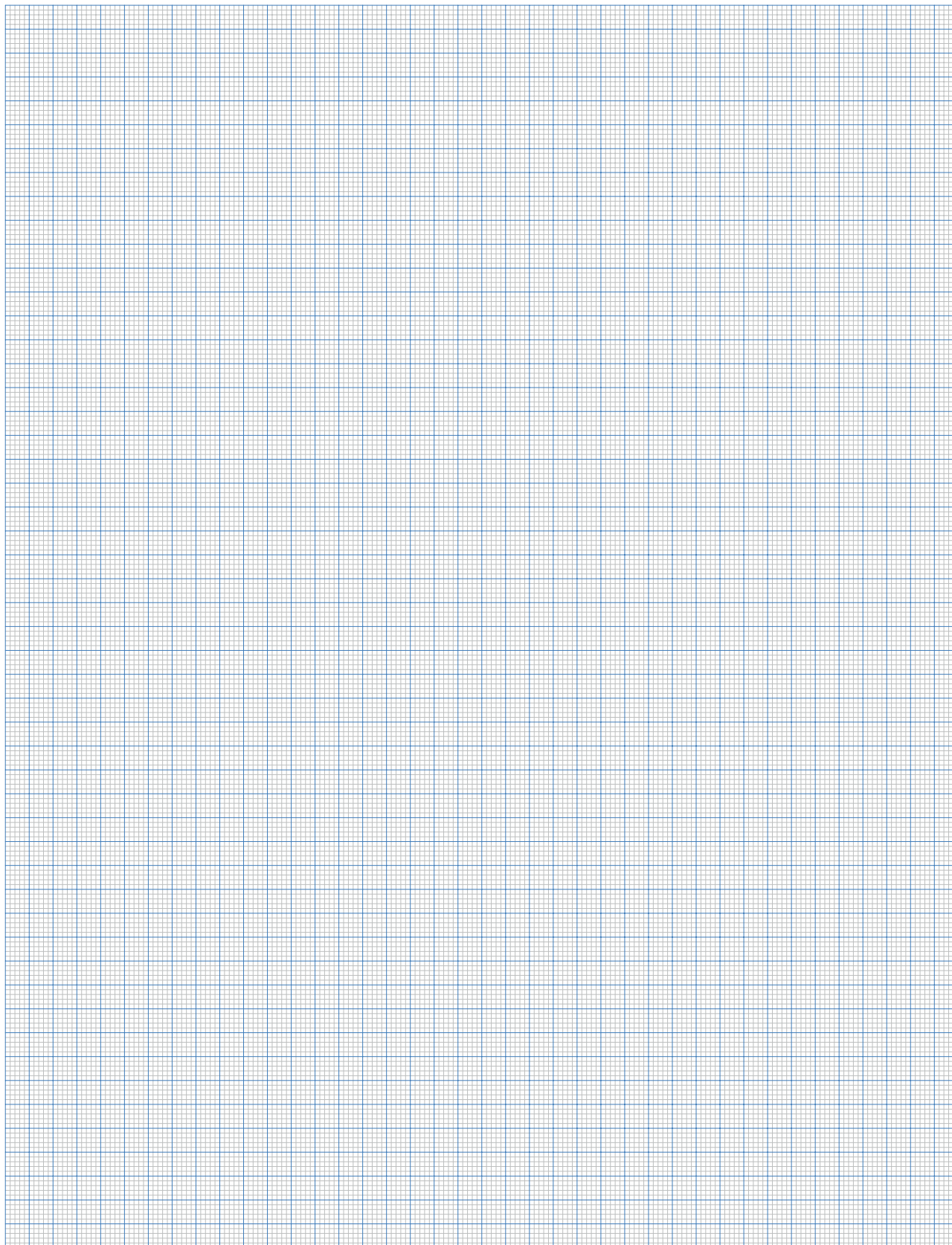
Allied Tube & Conduit ▲ AFC Cable Systems ▲ Heritage Plastics ▲ Unistrut

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Atkore Unistrut & Marco
Delta Point,
Greets Green Road
West Bromwich
B70 9PL

PHONE/ +44 (0) 121 580 6300
FAX / +44 (0) 121 580 6370

atkore.com/marco
atkore.com/unistrut