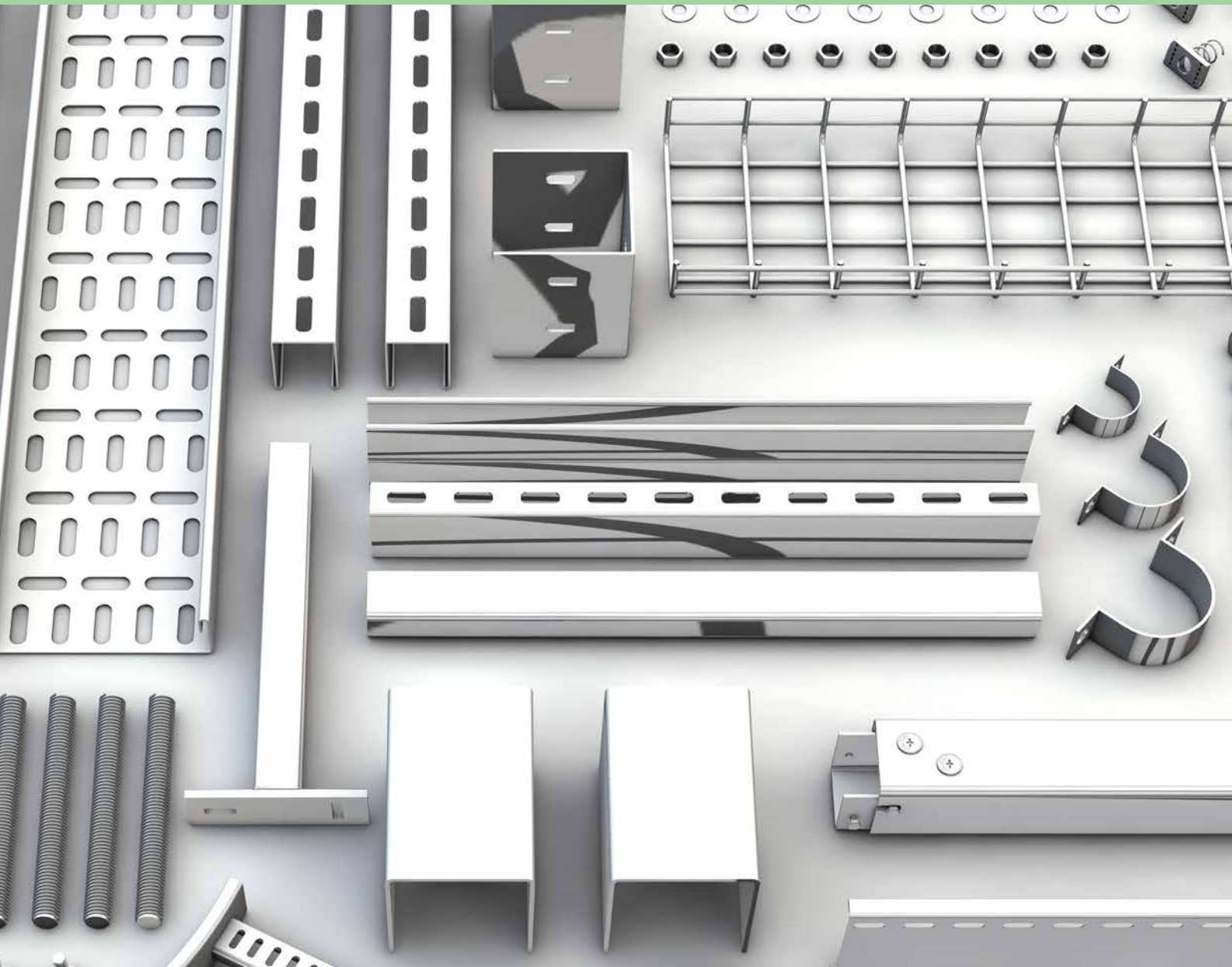


UNISTRUT

Master Catalogue



AtkoreTM
Unistrut

Building better together.

As the leader in infrastructure solutions, Atkore has brought together the brands that you've trusted for years, allowing us to better partner with those who are building what's next.



Allied Tube & Conduit ▲ AFC Cable Systems ▲ Heritage Plastics ▲ Unistrut ▲ Unistrut Construction ▲ Cope
US Tray ▲ Calbrite ▲ Calbond ▲ Kaf-Tech ▲ Columbia-MBF ▲ Eastern Wire + Conduit ▲ ACS/Uni-Fab ▲ Cii
Power-Strut ▲ Calconduit ▲ Razor Ribbon ▲ Calpipe Security ▲ Vergokan ▲ Flexicon ▲ Marco

Learn more at atkore.com

TABLE OF CONTENTS

Unistrut

About Unistrut.....	4
Cable Tray.....	6
Metal Framing.....	35
Cable Ladder.....	80
Pipe Clips.....	118

Quality Standards

Made in the UK the Unistrut name remains synonymous with engineering excellence, so it's no surprise we pride ourselves on our attention to detail and quality.

Our commitment to matching and exceeding quality standards (where possible) means that we remain at the forefront of the industry for providing products you can trust.

Fully Certified and Tested Systems for Complete Peace of Mind

Aided with Unistrut's loading software, we offer a comprehensively tested Unistrut cable management system from lengths through the fittings and accessories. This fully certified bank of data, there to give you peace of mind and to help us specify the best solution, with cable management and framing solutions.

Our partnering approach and complete dataset means that in real terms we can offer exceptionally accurate bespoke solutions. So you can be sure that what you what you design and specify on paper is what you'll get in real world applications.



Engineered Solutions

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. Our bespoke manufacturing service specialises in solving complex cable management issues. Our ability to assess, design, engineer and support bespoke systems has proven to be invaluable on a variety of major projects.



Working through a wide range of industries

Our products help to support the infrastructure that is vital to modern industry and commerce. The Unistrut product range can be seen in over 50 industry sectors where expertise and reliability are vital to success. Our team of 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, Unistrut have the products to support your solution.

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

Cable Tray

The complete range of cable tray
from Unistrut

CABLE TRAY CONTENTS

Available in US, UK and European standard patterns, our 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.

Unistrut's cable trays are also available in Extra Heavy Duty options, for applications where additional strength is required.

A broad variety of fits, finishes and shapes ensure we have the widest range of cable tray systems in the industry!

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

Contents	Page Number
About Unistrut Cable Tray Systems	Page 7
Standard Range	Page 8
Fittings	Page 13
Accessories	Page 20
Technical Information	Page 25



Unistrut slot Pattern

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

The complete range of Unistrut cable Tray for use in **Light, Medium, Heavy & Extra Heavy** duty applications. Available in a variety of sizes the Unistrut system provides the ultimate in flexibility, quality and speed in cable management.

Ideal for all your cable applications from low power control & signalling to mains power supply cabling. With a complete range of fixings and accessories including bends and risers.

Light Duty

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

Medium Duty

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.

Heavy Duty

Available in 3m lengths with a depth of 50mm and widths from 75 to 900mm, in [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] stainless steel.

Extra Heavy Duty*

Available in 3m lengths with a depth of 50mm and in 75 & 100mm widths. Finish applications include [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] stainless Steel.

*Details on Extra Heavy Duty tray available on request

UNISTRUT CABLE TRAY



Cable Tray Features:

- UK traditional 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
- Available in multiple finishes for a wide range of jobs, including Galvanised and Stainless Steel.
- An extensive range of dedicated accessories, bracketry and support systems.

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 25

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

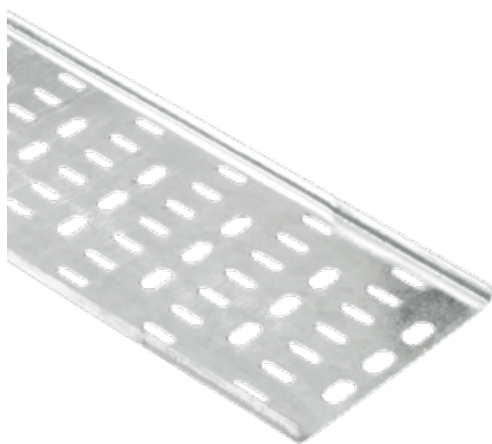
Icon Key - Feature

	Including Fitments
	Sold as Pair
	Sold as Individual

Pickle & Passivate is available upon request - Please state when ordering

Unistrut Light Duty Cable Tray

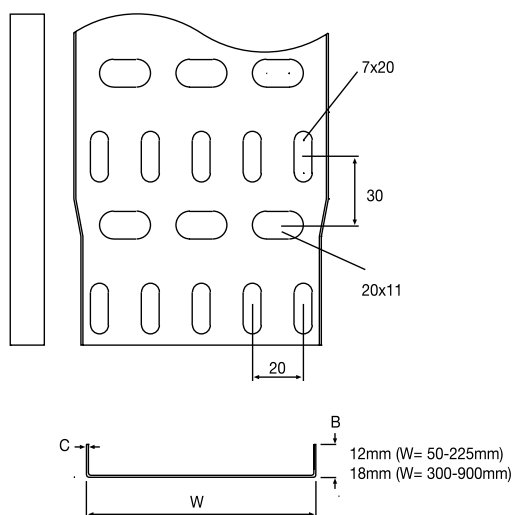
Cable Tray



Light weight for easy installation and complete with wide range of accessories and fixings to suit.

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

Straights come with a single tapered end to aid in quickly slotting together multiple lengths.



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

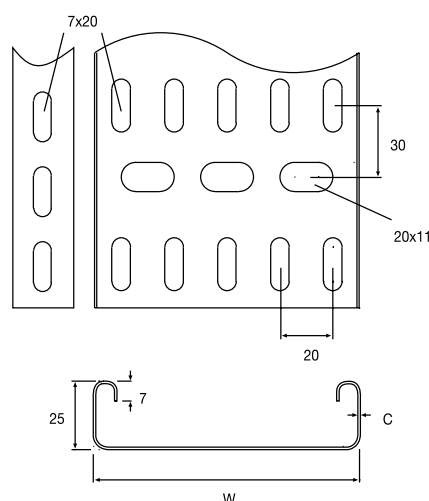
Unistrut Medium Duty Cable Tray

Medium duty multi-purpose 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.

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

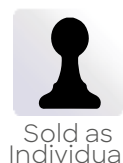
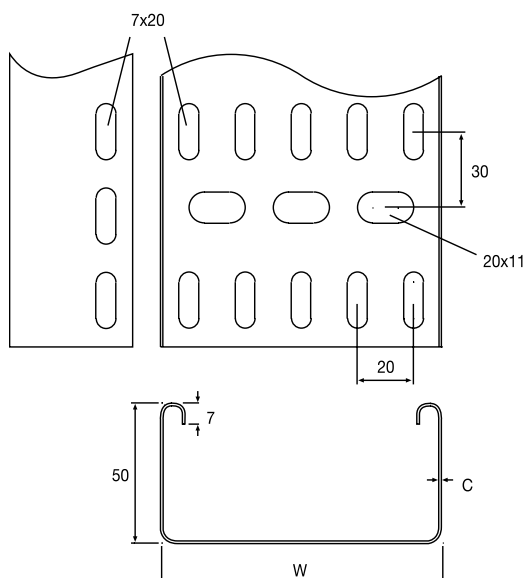
Unistrut Heavy Duty Cable Tray



Heavy duty steel cable tray, designed to meet heavy cable load needs and complete with wide range of accessories and fixings to suit.

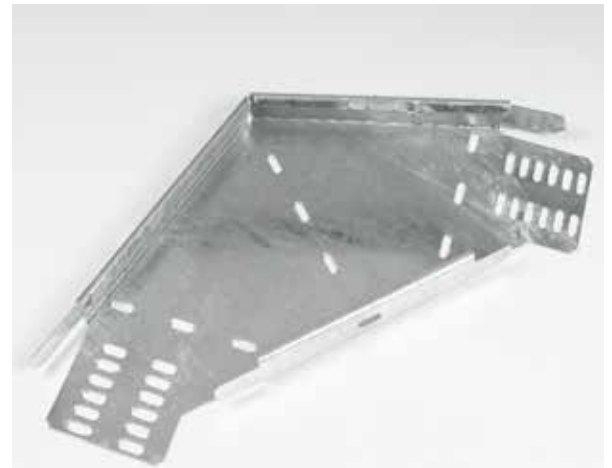
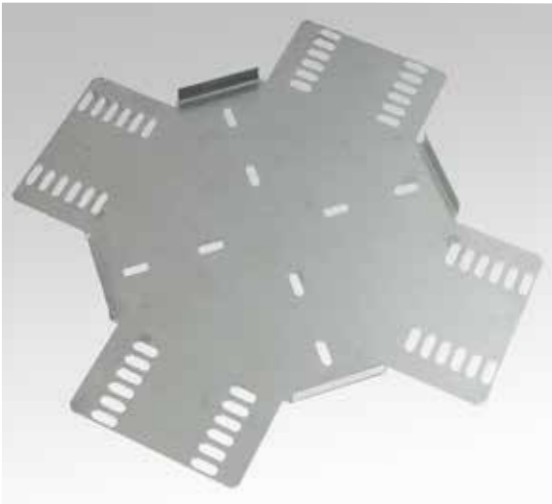
Available in 3m lengths with widths from 75 to 900mm.

Extra Heavy Duty tray is also available in 75 & 100mm sizes.



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

100mm Extra Heavy Duty Tray also available. Contact our team for more information.



Light Duty Flat Bend 45 °

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



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

Medium Duty Flat Bend 45 °

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



Sold as Individual

Heavy Duty Flat Bend 45 °

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

Flat Bends - 90 °



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



Sold as
Individual

Light Duty Flat Bend 90 °

Size (W)	Part No.			Weight
	PG	HG	SS	
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

Medium Duty Flat Bend 90 °

Size (W)	Part No.			Weight
	PG	HG	SS	
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

Heavy Duty Flat Bend 90 °

Size (W)	Part No.			Weight
	PG	HG	SS	
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

Light Duty Equal Cross

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



Unequal Crosses are available upon request

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

Medium Duty Equal Cross

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

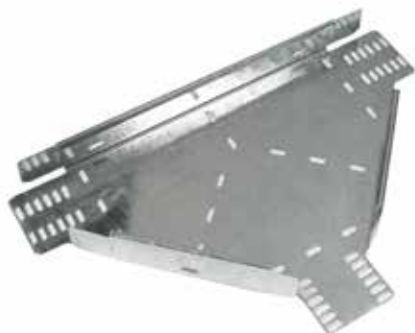


Sold as Individual

Heavy Duty Equal Cross

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

Equal Tee



Unequal Crosses are available upon request

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



Sold as Individual

Light Duty Equal Tee

Size (W)	Part No.			Weight
	PG	HG	SS	
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

Medium Duty Equal Tee

Size (W)	Part No.			Weight
	PG	HG	SS	
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

Heavy Duty Equal Tee

Size (W)	Part No.			Weight
	PG	HG	SS	
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

Unistrut Risers

Cable Tray



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



Sold as Individual

Adjustable Risers (Light & Medium)

Size (W)	Part No.			Weight
	PG	HG	SS	
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	
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

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	

Cable Tray Accessories

The complete range of cable tray from Unistrut



Couplers & Splices

Fish Plate (Light Duty)



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 (Medium or Heavy Duty Cable Tray)



Sold as Pair

Type	Finish		
	PG	HG	SS
Medium	TUM/SCPG	TUM/SCHG	TUMSC/SS
Heavy	TUH/SCPG	TUH/SCHG	TUHSC/SS

Wrap Over Splice (Medium or Heavy Duty Cable Tray)



Sold as Pair

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

Unistrut Tray Straight Covers

Size (W)				Length
mm	HG	SS	PG	
50	TUHL50/10HG	TUHL50/10SS	TUHL50/10PG	3m
75	TUHL75/10HG	TUHL75/10SS	TUHL75/10PG	3m
100	TUHL100/10HG	TUHL100/10SS	TUHL100/10PG	3m
150	TUHL150/10HG	TUHL150/10SS	TUHL150/10PG	3m
225	TUHL225/10HG	TUHL225/10SS	TUHL225/10PG	3m
300	TUHL300/10HG	TUHL300/10SS	TUHL300/10PG	3m
450	TUHL450/10HG	TUHL450/10SS	TUHL450/10PG	1.5m
600	TUHL600/10HG	TUHL600/10SS	TUHL600/10PG	1.5m
750	TUHL750/10HG	TUHL750/10SS	TUHL750/10PG	1.5m
900	TUHL900/10HG	TUHL900/10SS	TUHL900/10PG	1.5m



A cover for every fitting

We have custom fit covers for our entire range of lengths and fittings and can provide custom sizes if required for unique jobs. These are available upon demand – please contact our sales department for further information.

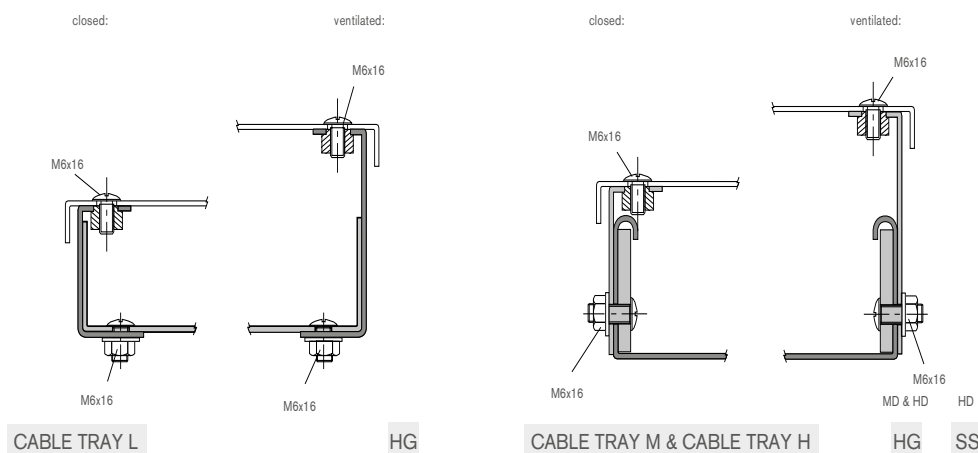
Ventilated Cover Clips

In addition to covers we 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



Other Accessories

Dividers



Sold as Individual

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

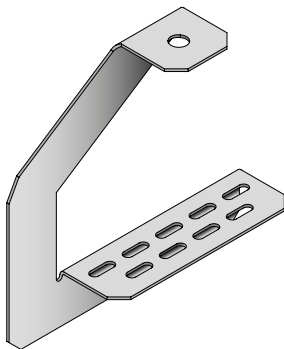
Earth Continuity Connector



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
OCBL75	1	PG
OCBL100	1	PG
OCBL150	1	PG
OCBL225	1	PG
OCBL300	1	PG

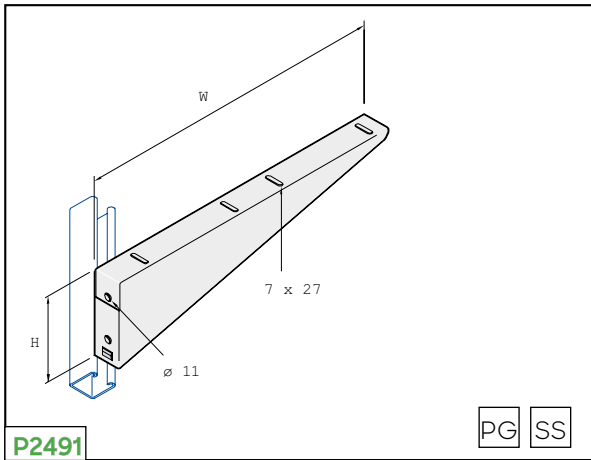
Stand off Brackets



Sold as Individual

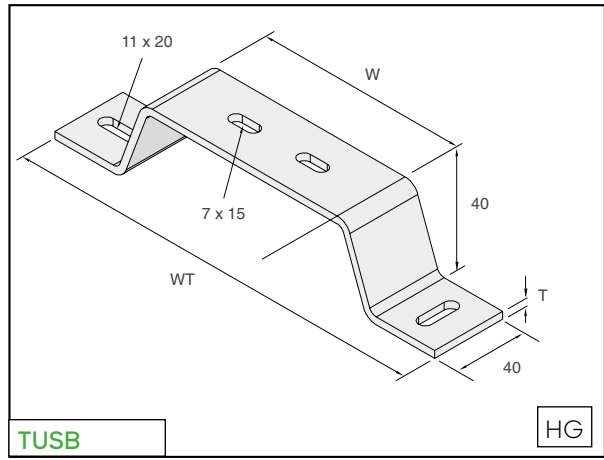
Part no.	Qty	Finish
TUTSB050PG	1	PG
TUTSB075PG	1	PG
TUTSB100PG	1	PG
TUTSB150PG	1	PG
TUTSB225PG	1	PG
TUTSB300PG	1	PG

Traying Arms



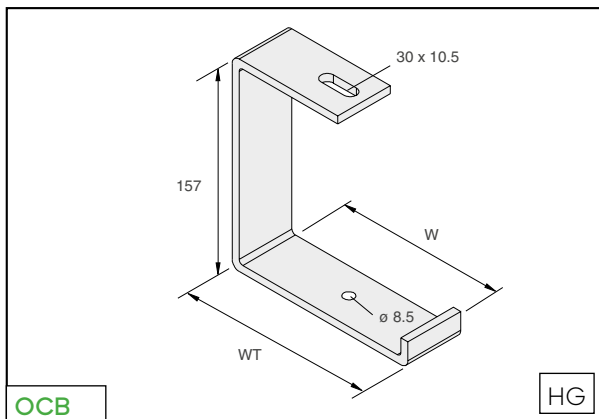
Part No.	Finishes PG SS	W mm	H mm	Fmax Kn		
P2491/100	• •	105	63	1.6	0.20	1
P2491/150	• •	155	63	1.6	0.28	1
P2491/225	• •	230	75	1.5	0.42	1
P2491/300	• •	305	87	1.4	0.60	1
P2491/450	• •	455	125	1.1	1.07	1
P2491/600	• •	605	164	1.0	1.63	1

Tray Stand Off Bracket



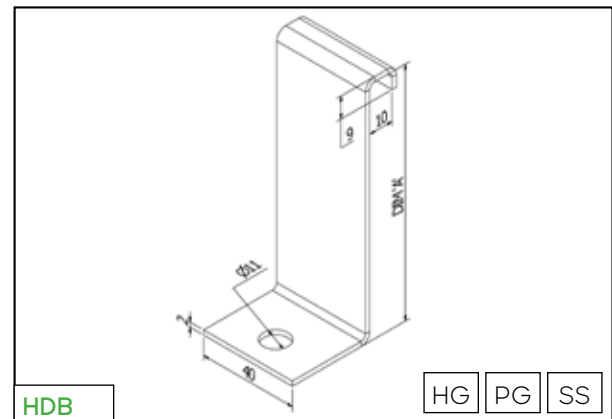
Part No.	Finishes HG	W mm	WT mm	T mm		
TUSB050	•	50	154	3	0.18	1
TUSB075	•	75	179	3	0.20	1
TUSB100	•	100	204	3	0.23	1
TUSB150	•	150	254	3	0.28	1
TUSB225	•	225	329	5	0.56	1
TUSB300	•	300	404	5	0.68	1
TUSB450	•	450	554	5	0.91	1
TUSB600	•	600	704	5	1.15	1

G-Type Hanging Bracket



Part No.	Finishes HG	W mm	WT 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

Hold Down Bracket



Part No.	Finishes HG PG SS	W mm	H 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

Stated loadings apply to mild steel products only.

Cable Trays - Information

Materials and Finishes

Pre-Galvanized [PG]

Cable trays, brackets and fittings can be Pre-Galvanized.
Pre-Galvanizing is to BS EN 10346 2009 (Coating Z275)

Hot-Dip Galvanized [HG]

Cable trays, brackets, cantilever arms and fittings can be hot-dip galvanized 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 galvanized - 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	(cm ²)
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	(cm ²)
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

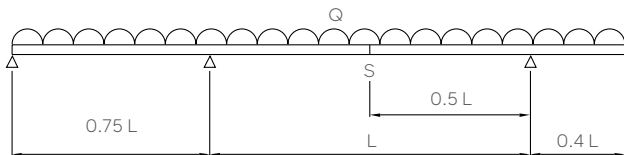
Heavy Duty (H-50)

Width	Useful cross section
mm	(cm ²)
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 - Please state when ordering

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

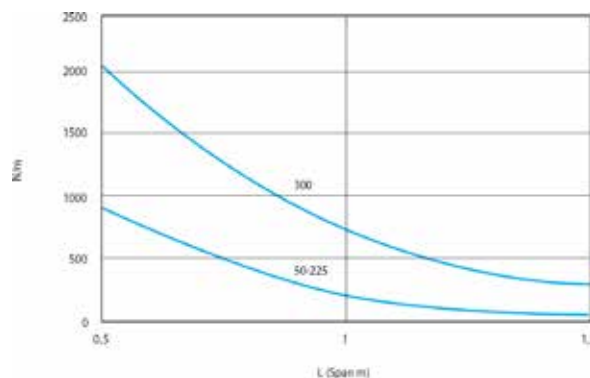
Unistrut's load testing is in accordance with CEI/IEC 61537:2001. In practical terms this covers continuous/multi span installations, evenly loaded along the length of, and across the full width of the tray. The end spans in these installations should be reduced to 0.75 of the intermediate spans.

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

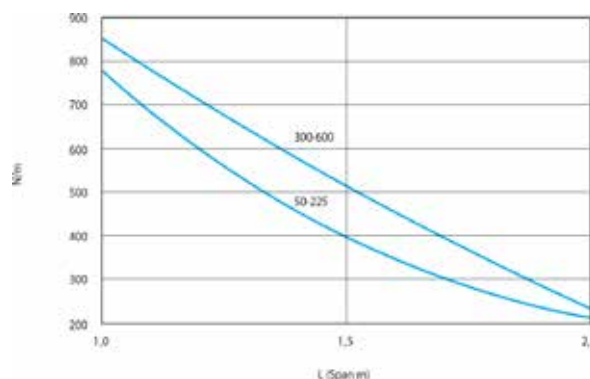
Accessories: To ensure adequate support, accessories should be supported locally.

Couplers: The loading and deflection tables for 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 utilized for the testing of the medium and heavy duty cable trays. Only one pair of couplers should be installed per span.

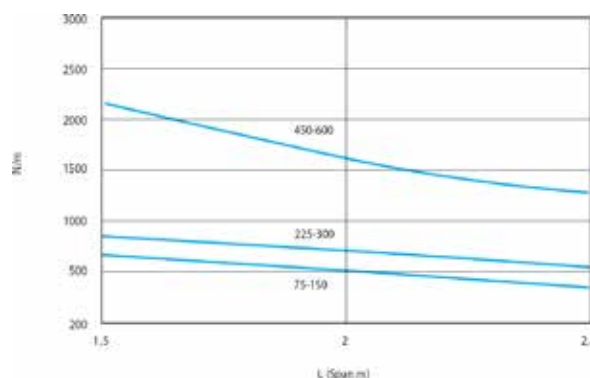
Light Duty Cable Tray



Medium Duty Cable Tray



Heavy Duty Cable Tray

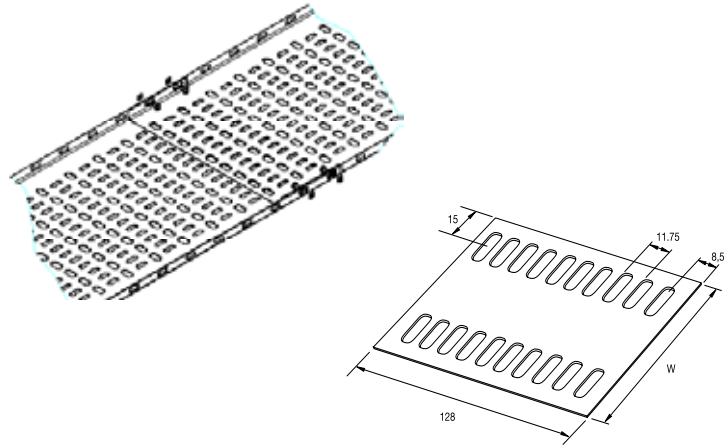


Unistrut Couplers

Straight lengths of Light duty cable tray come with a self splicing mechanism built in.

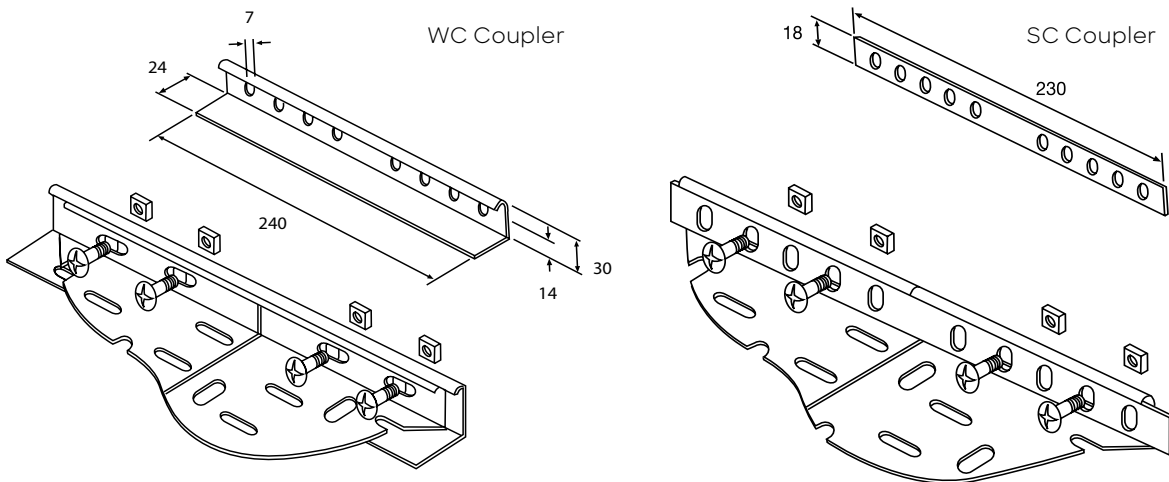
However for when you need to cut your tray (and thus remove the self splicing element) or if you are attaching one of our light tray fittings, we provide this easy to install fish plate for coupling.

Fish Plate - For Light Duty Cable Tray (Cut Ends)



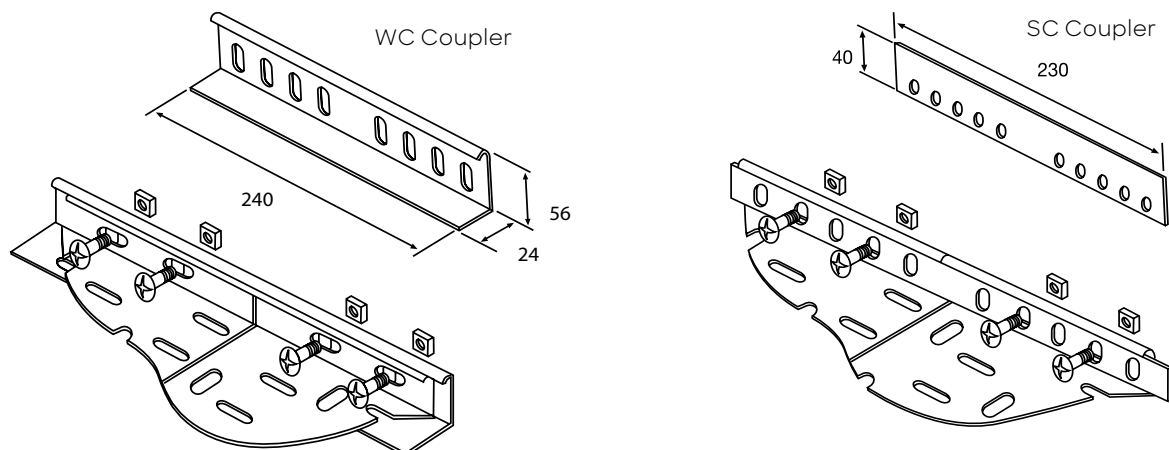
TUM/WC Coupler & TUM/SC Straight Coupler

For medium tray we recommend either the TUM/WC wrap coupler or TUM/SC straight coupler.



TUH/WC Coupler & TUH/SC Straight Coupler

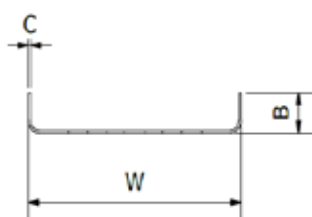
For heavy tray we recommend either the TUH/WC wrap coupler or TUH/SC straight coupler.



Our 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.

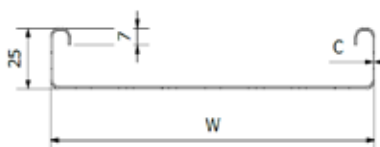
Unless specified, figures are in millimetres (mm)

Light Duty

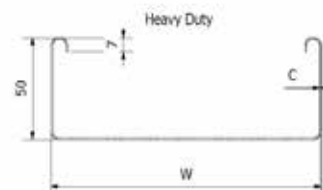


DIM B
12mm (W=50-225mm)
18mm (W=800-900mm)

Medium Duty



Heavy Duty



Angles (D) - Fittings Only

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

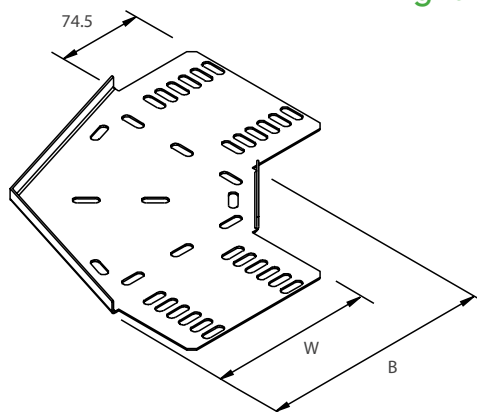
Code	Angle
30	30
45	45
60	60
90	90

Thickness (C) - Fittings Only

Code	Thickness
0.80	0.80mm
1.20	1.20mm
2.00	2.00mm

Unistrut Fittings (Light)

Light Duty - 45 ° and 90 ° Flat Bend

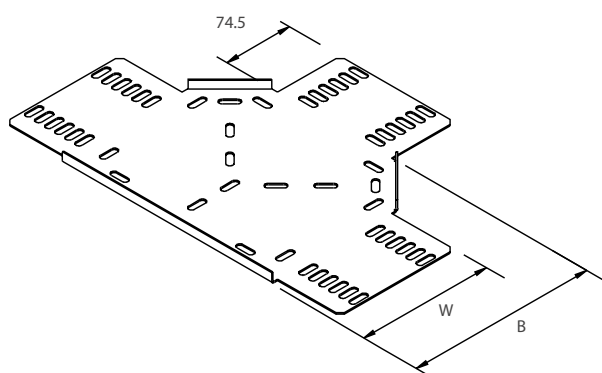


Cable Tray

	W	B	> <	Weight
	mm	mm	mm	kg
45 °	50	66	0.80	0.07
45 °	75	91	0.80	0.12
45 °	100	116	0.80	0.19
45 °	150	166	0.80	0.33
45 °	225	238	0.80	0.58
45 °	300	315	1.20	1.34
45 °	450	464	1.20	3.07
45 °	600	615	1.20	5.13
45 °	750	765	2.00	7.7
45 °	900	915	2.00	10.79

	W	B	> <	Weight
	mm	mm	mm	kg
90 °	50	100	0.80	0.07
90 °	75	125	0.80	0.12
90 °	100	150	0.80	0.19
90 °	150	200	0.80	0.33
90 °	225	275	0.80	0.58
90 °	300	350	1.20	1.34
90 °	450	500	1.20	3.07
90 °	600	650	1.20	5.13
90 °	750	800	2.00	7.7
90 °	900	950	2.00	10.79

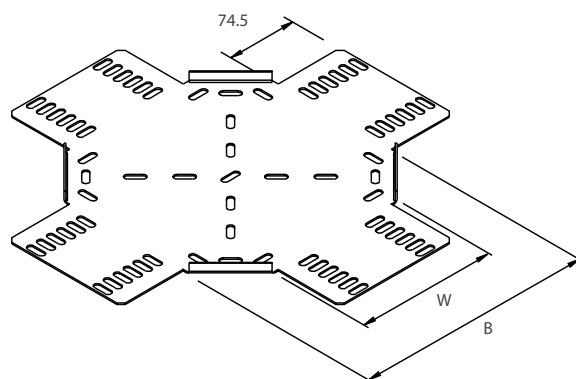
Light Duty - Equal Tee



W	B	C	> <	Weight
mm	mm	mm	mm	kg
50	100	74.5	0.80	0.12
75	125	74.5	0.80	0.2
100	150	74.5	0.80	0.29
150	200	74.5	0.80	0.49
225	275	74.5	0.80	0.87
300	350	74.5	1.20	1.94
450	500	74.5	1.20	3.91
600	650	74.5	1.20	6.42
750	800	74.5	2.00	9.56
900	950	74.5	2.00	13.31

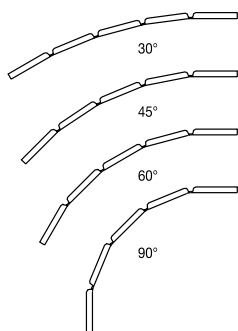
Light Duty - Equal Cross

W	B	C	-> <-	Weight
mm	mm	mm	C	
50	100	74.5	0.80	0.17
75	125	74.5	0.80	0.26
100	150	74.5	0.80	0.36
150	200	74.5	0.80	0.62
225	275	74.5	0.80	1.05
300	350	74.5	1.20	2.23
450	500	74.5	1.20	4.16
600	650	74.5	1.20	6.75
750	800	74.5	2.00	9.95
900	950	74.5	2.00	13.77

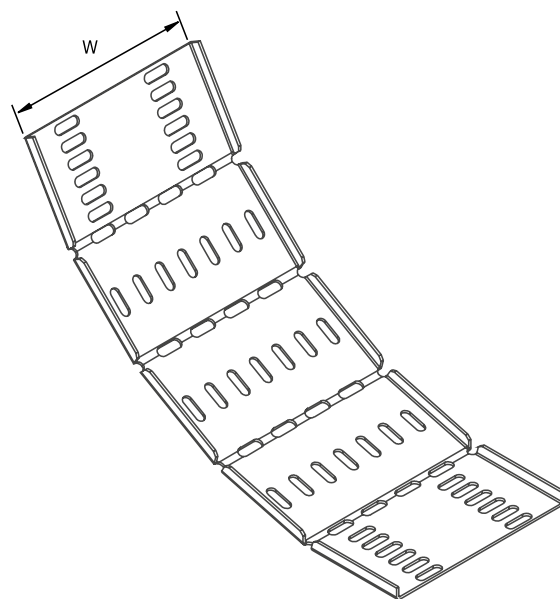
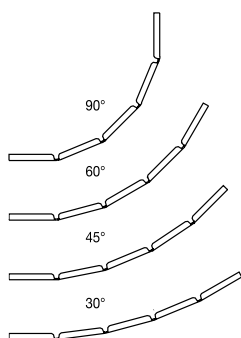


Adjustable Riser

Used as outside riser:



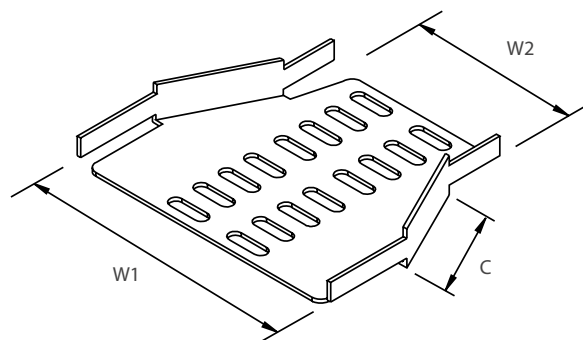
Used as inside riser:



Light Duty = Cable Tray Reducer

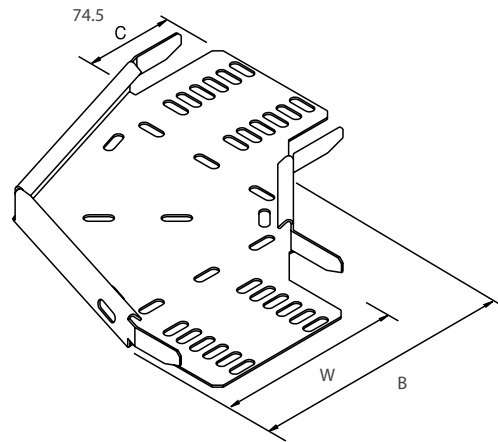
Part No	Finish
	Stainless Steel, Hot Galv or Pre Galv
TULSR W1 / W2	SS, HG or PG

e.g. i.e a 600mm Wide to 300mm Wide Cable Tray Reducer in Hot Galvanised Finish would be TULSR600/300HG



Unistrut Fittings (Medium)

Medium Duty – 45 ° and 90 ° Flat Bend

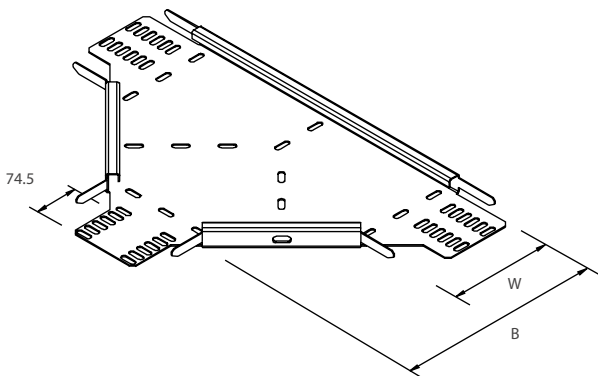


Cable Tray

	W	B	-> <-	Weight
	mm	mm		
45 °	50	87	0.80	0.13
45 °	75	107	0.80	0.17
45 °	100	132	0.80	0.22
45 °	150	182	0.80	0.34
45 °	225	257	0.80	0.55
45 °	300	332	1.20	1.16
45 °	450	482	1.20	2.00
45 °	600	632	1.20	3.01
45 °	750	812	2.00	6.60
45 °	900	962	2.00	8.75

	W	B	-> <-	Weight
	mm	mm	C	
90 °	50	172	0.80	0.41
90 °	75	197	0.80	0.51
90 °	100	222	0.80	0.63
90 °	150	272	0.80	0.92
90 °	225	347	0.80	1.38
90 °	300	422	1.20	2.02
90 °	450	572	1.20	3.35
90 °	600	722	1.20	4.93
90 °	750	872	2.00	12.20
90 °	900	1022	2.00	18.65

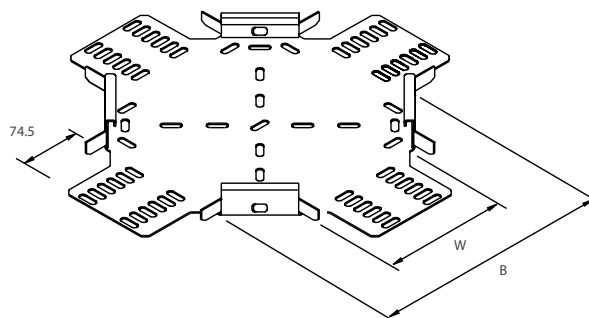
Medium Duty – Equal Tee



W	B	-> <-	Weight
mm	mm	C	
50	172	0.80	0.41
75	197	0.80	0.51
100	222	0.80	0.63
150	272	0.80	0.92
225	347	0.80	1.38
300	422	1.20	2.02
450	572	1.20	3.35
600	722	1.20	4.93
750	872	2.00	12.20
900	1022	2.00	18.65

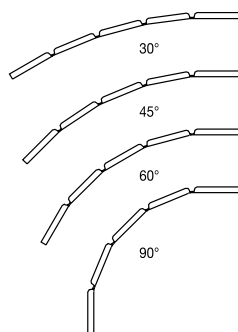
Medium Duty - Equal Cross

W	B	> <	Weight
mm	mm	C	
50	300	0.80	0.64
75	325	0.80	0.68
100	350	0.80	0.81
150	400	0.80	1.15
225	475	0.80	1.70
300	550	1.20	3.28
450	700	1.20	5.47
600	850	1.20	8.14
750	872	2.00	13.38
900	1022	2.00	17.45

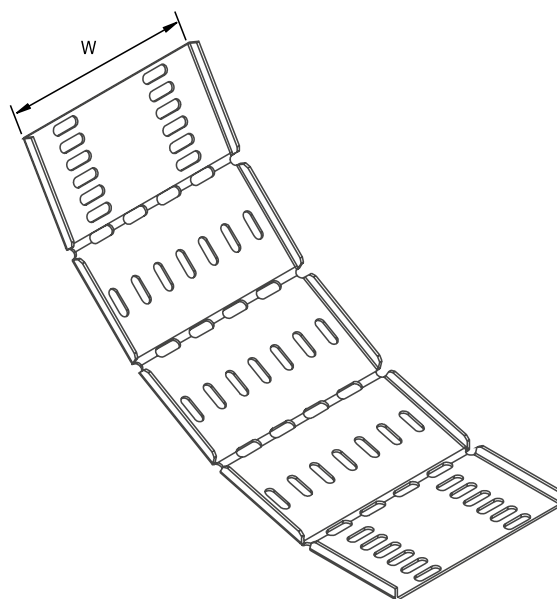
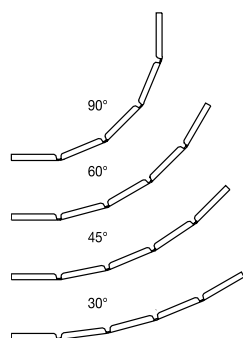


Adjustable Riser

Used as outside riser:



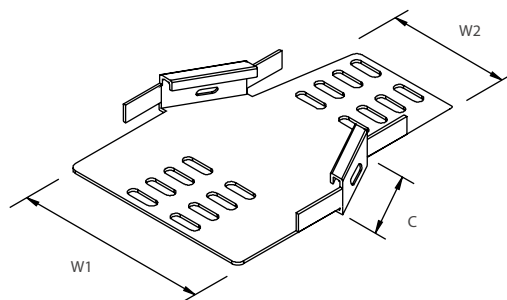
Used as inside riser:



Medium Duty = Cable Tray Reducer

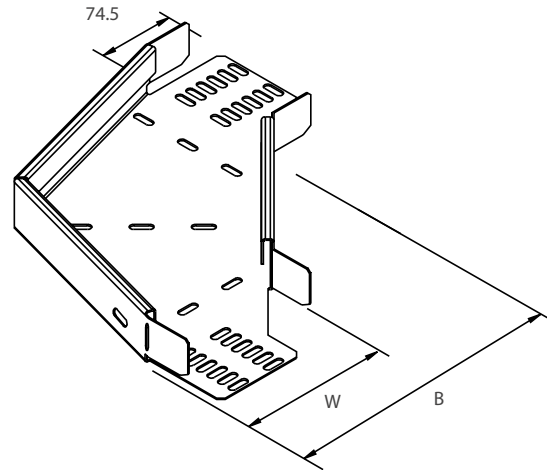
Part No	Finish
	Stainless Steel, Hot Galv or Pre Galv
TUMSR S / S	SS, HG or PG

e.g. a 150mm Wide Medium Duty cable tray in Stainless Steel Finish would be TUMSR150/10SS



Unistrut Fittings (Heavy)

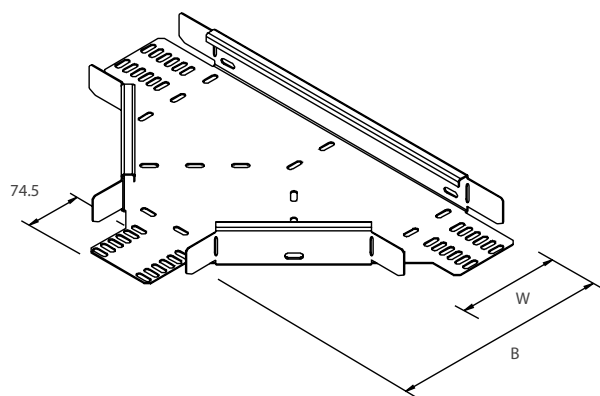
Heavy Duty - 45 ° and 90 ° Flat Bend



	W	B	-> <-	Weight
	mm	mm	C	
45 °	75	177	0.80	0.24
45 °	100	182	0.80	0.30
45 °	150	182	0.80	0.43
45 °	225	257	0.80	0.64
45 °	300	332	1.20	1.32
45 °	450	482	1.20	2.18
45 °	600	632	1.20	3.22
45 °	750	920	2.00	7.22
45 °	900	1070	2.00	9.55

	W	B	-> <-	Weight
	mm	mm	C	
90 °	75	197	0.80	0.39
90 °	100	222	0.80	0.48
90 °	150	272	0.80	0.68
90 °	225	347	0.80	1.5
90 °	300	422	1.20	2.09
90 °	450	572	1.20	3.53
90 °	600	722	1.20	5.31
90 °	750	872	2.00	11.1
90 °	900	1022	2.00	14.69

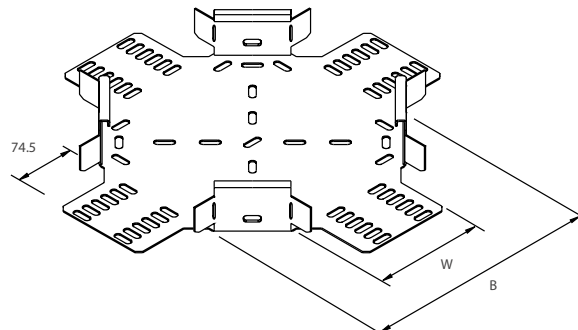
Heavy Duty - Equal Tee



W	B	-> <-	Weight
mm	mm	C	
75	197	0.80	0.83
100	222	0.80	0.96
150	272	0.80	1.30
225	347	0.80	2.01
300	422	1.20	3.45
450	572	1.20	5.64
600	722	1.20	8.31
750	872	2.00	13.65
900	1022	2.00	17.64

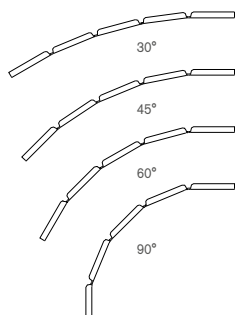
Heavy Duty - Equal Cross

W	B	> <	Weight
mm	mm	C	
75	325	0.80	0.83
100	350	0.80	0.96
150	400	0.80	1.30
225	475	0.80	2.01
300	550	1.20	3.45
450	700	1.20	5.64
600	850	1.20	8.31
750	872	2.00	13.65
900	1022	2.00	17.64

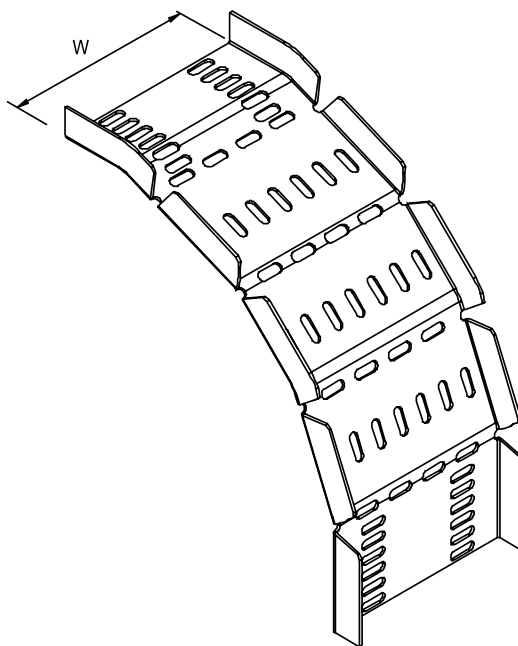
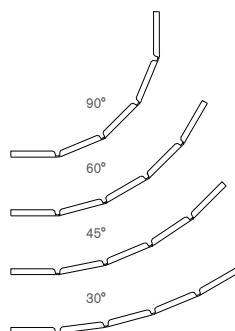


Adjustable Riser

Used as outside riser:



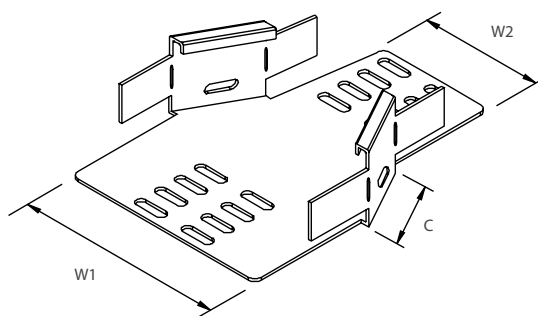
Used as inside riser:



Heavy Duty = Cable Tray Reducer

Part No	Finish
TUHSR100/075	Stainless Steel, Hot Galv or Pre Galv SS, HG or PG

e.g. a 150mm Wide Heavy Duty cable tray in Stainless Steel Finish would be TUHSR150/10SS



The background of the entire page is a photograph of several pieces of Unistrut metal framing. The framing consists of long, silver-colored metal extrusions with a series of oval-shaped holes spaced evenly along their length. The pieces are arranged in a diagonal pattern, overlapping each other, creating a sense of depth and repetition. The lighting highlights the metallic texture and the precision of the manufacturing.

Metal Framing

Original Unistrut® Metal
Framing

METAL FRAMING CONTENTS

Contents	Page Number
About Unistrut Metal Framing Systems	Page 37
Standard Range	Page 39
Special Range	Page 46
Concrete Inserts	Page 47
Channel Nuts	Page 48
Fittings	Page 50
Cantilever Arms	Page 61
Lighting Supports	Page 64
Nuts, Bolts & Washers	Page 66
Fixings	Page 70
Kwikstrut	Page 74





Image for Illustrative purposes only

Pre Galvanised

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

Plain Oil

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.

Zinc Dichromate

Often used for clean rooms, data centres and other sterile environments.

Zinc Plated

An alternative to a Pre Galvanized product and generally used for internal applications. Again often used in sterile environments. Electroplated EN 12329.

PG Hot Dipped Galvanised

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 in transport, erection and service.

PO Stainless Steel

Stainless steel to 1.4404 (316L) standards. Excellent for marine applications, highly corrosive and extreme environmental conditions. **Pickle & Passivate is available upon request - Please state when ordering**

ZD Powder Coated

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

ZP Deep Galvanised

Processed in accordance with BS EN ISO 1461: 2009 to a greater thickness than our standard Hot Dipped Galvanised, it is an excellent solution for outdoor and harsh environments.

HG

SS

PC

DH

INTRODUCTION

Unistrut channels and fittings offer total flexibility in design and construction of assemblies for framing applications. 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, <i.e., powder coating>, 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 - GALVANIZED
- HG** HOT DIP GALVANIZED
- 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).

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 grade 1.4404 (Grade 316L).

FINISHES

Hot -Dip Galvanized

Channels are Hot-Dip Galvanized 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 galvanized - 45 microns

Pre-Galvanized

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

Special coatings and material grades are available on request

Stainless Steel

- 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 discolouration that has occurred in the welding process.

Deep Galvanized

A deep galvanized 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 galvanized steel.

Zinc Electroplated

Channel nuts and bolts are zinc electroplated.

RANGE

Channels are available in plain or continuous 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-Galvanized 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) 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 service centre 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

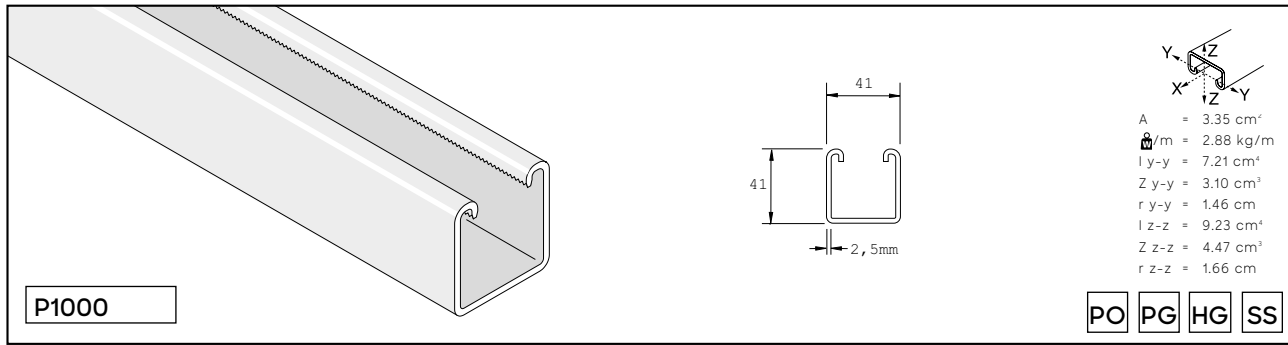
The standard requires that products are stamped with BSEN6946:1988 and also the name of the manufacturer.

We at 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 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.

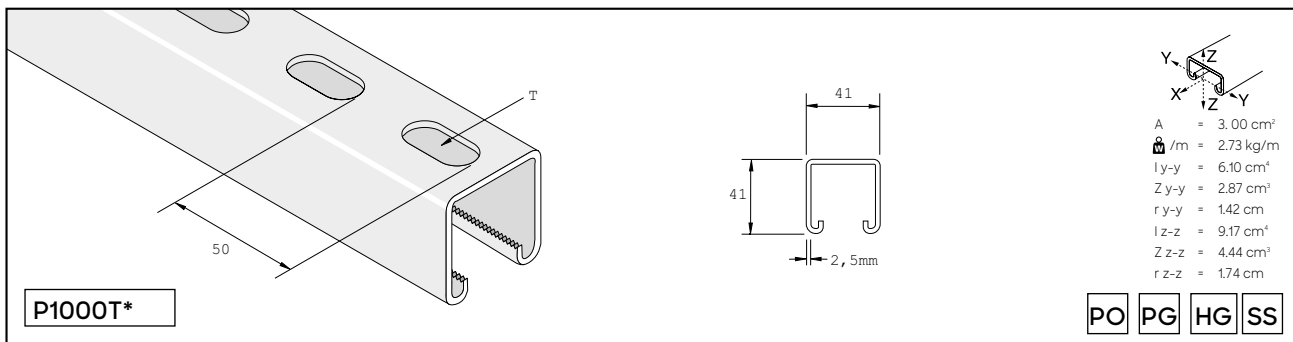
Unistrut P1000

Atkore
Unistrut



L(mm)	F		f		F _(kN)
	F _{max} (kN)	f _{max} (mm)	F (kN)	F (kN)	
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



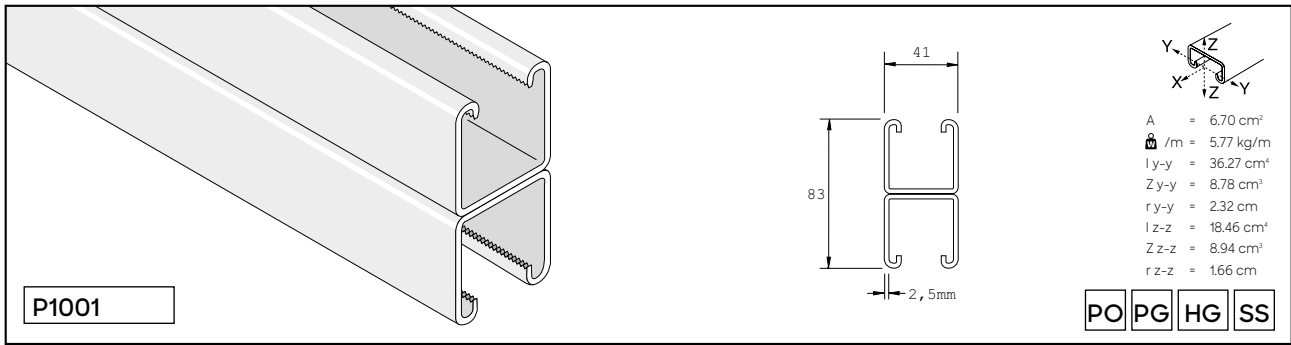
L(mm)	F		f		F _(kN)
	F _{max} (kN)	f _{max} (mm)	F (kN)	F (kN)	
250	16.069	0.27	-	-	16.283
500	8.034	1.05	-	-	16.039
750	5.356	2.35	-	4.738	15.274
1000	4.012	4.18	-	2.659	13.626
1250	3.208	6.54	3.071	1.707	11.880
1500	2.678	9.41	2.129	1.177	10.418
1750	2.296	12.81	1.560	0.863	9.231
2000	2.001	16.73	1.197	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

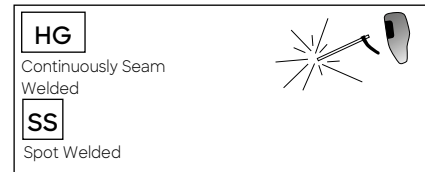
Part No.	Length M		Finish				Slot Size (T)	
	3	6	PO	PG	HG	SS	25x11	28x14
P1000	.	.	.	.	.	.	.	.
P1000T	.	.	.	.	.	.	.	.
P1000T10	.	.	.	.	.	.	.	.

Also available in 2mm

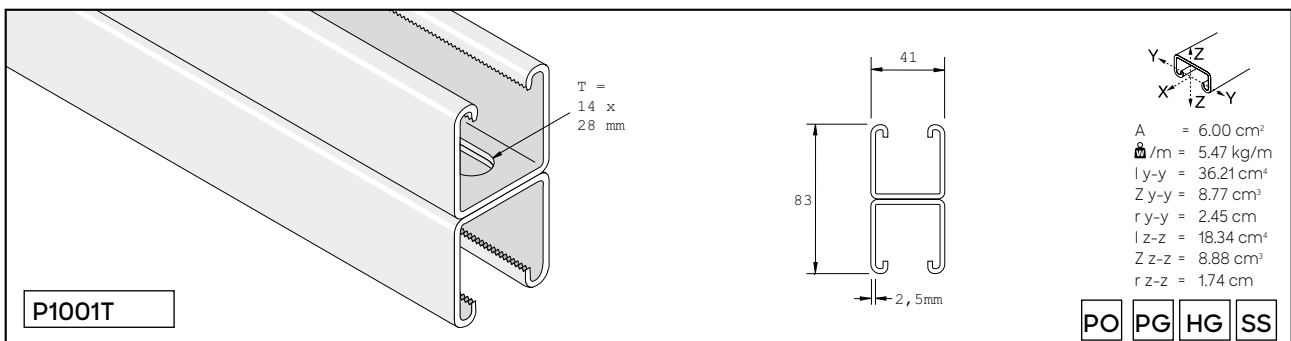
Stated loadings apply to mild steel products only.



L(mm)	F		$f = 1/200L$	$f = 1/360L$	$F_{(dB)}$
	$F_{max}(kN)$	$f_{max}(mm)$	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*



*180 ≤ kL/r < 250



L(mm)	F		$f = 1/200L$	$f = 1/360L$	$F_{(dB)}$
	$F_{max}(kN)$	$f_{max}(mm)$	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*

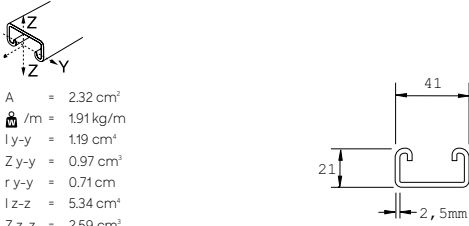


*180 ≤ kL/r < 250

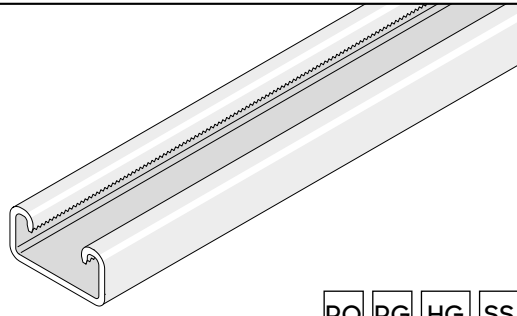
Part No.	Length M		Finish				Slot Size (T)	
	3	6	PO	PG	HG	SS	25x11	28x14
P1001	.	.	.	.	.	.	.	.
P1001T	.	.	.	.	.	.	.	.
P1001T10	.	.	.	.	.	.	.	.

Stated loadings apply to mild steel products only.

Unistrut P3300



$A = 2.32 \text{ cm}^2$
 $\rho/m = 1.91 \text{ kg/m}$
 $I_{y-y} = 1.19 \text{ cm}^4$
 $Z_{y-y} = 0.97 \text{ cm}^3$
 $r_{y-y} = 0.71 \text{ cm}$
 $I_{z-z} = 5.34 \text{ cm}^4$
 $Z_{z-z} = 2.59 \text{ cm}^3$
 $r_{z-z} = 1.51 \text{ cm}$



P3300

PO

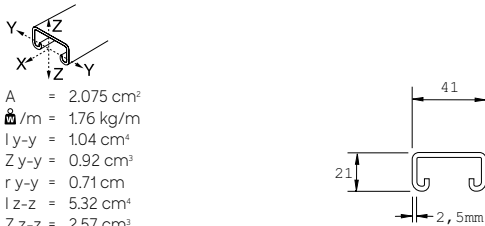
PG

HG

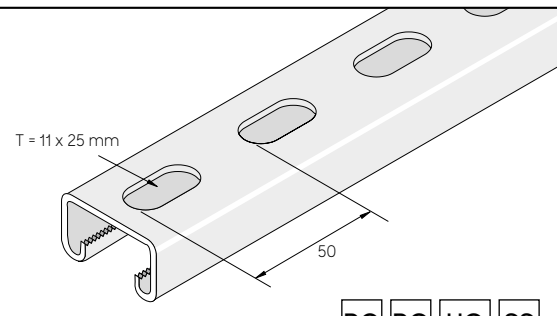
SS

L(mm)	F		$\sigma = 175 \text{ N/mm}^2$	$f = 1/200L$	$f = 1/360L$	$F_{(kN)}$
	$F_{max}(kN)$	$f_{max}(mm)$		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*
2000	0.677	28.99	0.226	-	-	-

* $180 \leq kL/r < 250$



$A = 2.075 \text{ cm}^2$
 $\rho/m = 1.76 \text{ kg/m}$
 $I_{y-y} = 1.04 \text{ cm}^4$
 $Z_{y-y} = 0.92 \text{ cm}^3$
 $r_{y-y} = 0.71 \text{ cm}$
 $I_{z-z} = 5.32 \text{ cm}^4$
 $Z_{z-z} = 2.57 \text{ cm}^3$
 $r_{z-z} = 1.61 \text{ cm}$



P3300T10

PO

PG

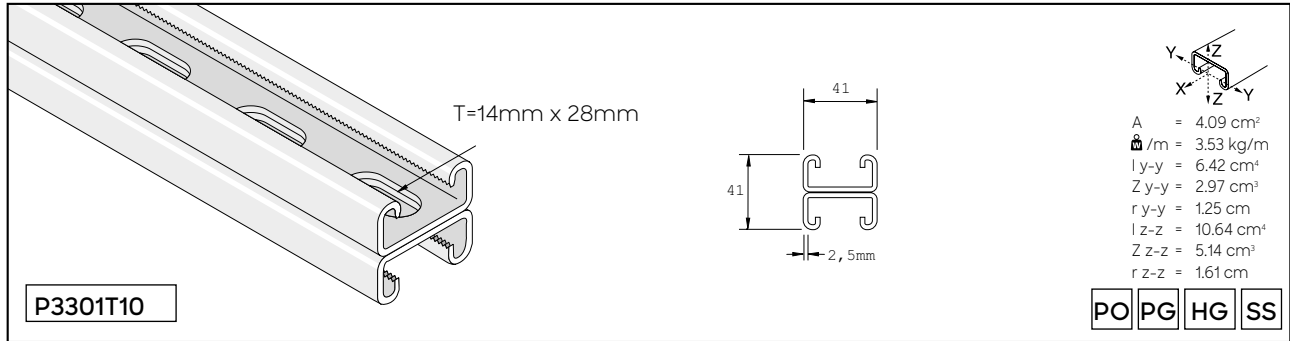
HG

SS

L(mm)	F		$\sigma = 175 \text{ N/mm}^2$	$f = 1/200L$	$f = 1/360L$	$F_{(kN)}$
	$F_{max}(kN)$	$f_{max}(mm)$		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.



L(mm)	F	$\sigma = 175 \text{ N/mm}^2$	$f = 1/200L$	$f = 1/360L$	$F_{(kN)}$
	$F_{max}(kN)$	$f_{max}(mm)$			
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	-

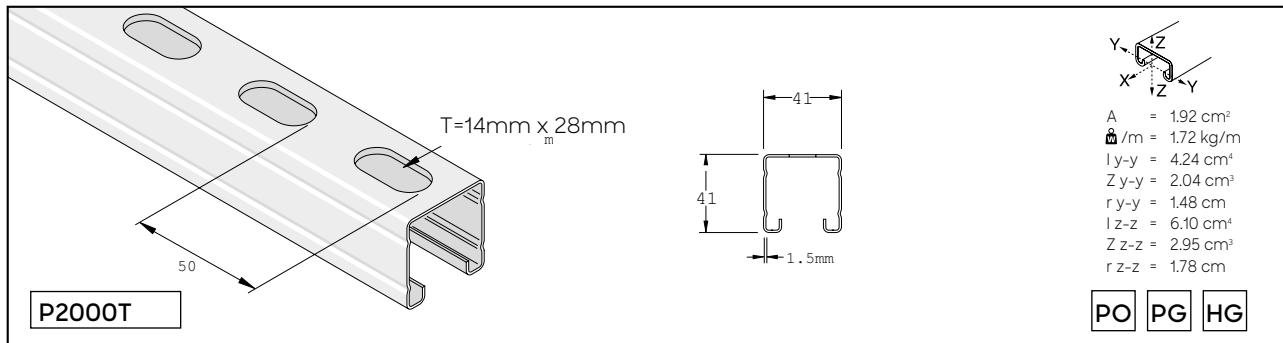


*180 ≤ kL/r < 250

Part No.	Length M		Finish			
	3	6	PO	PG	HG	SS
P3301T10	.	.	.	.	.	.

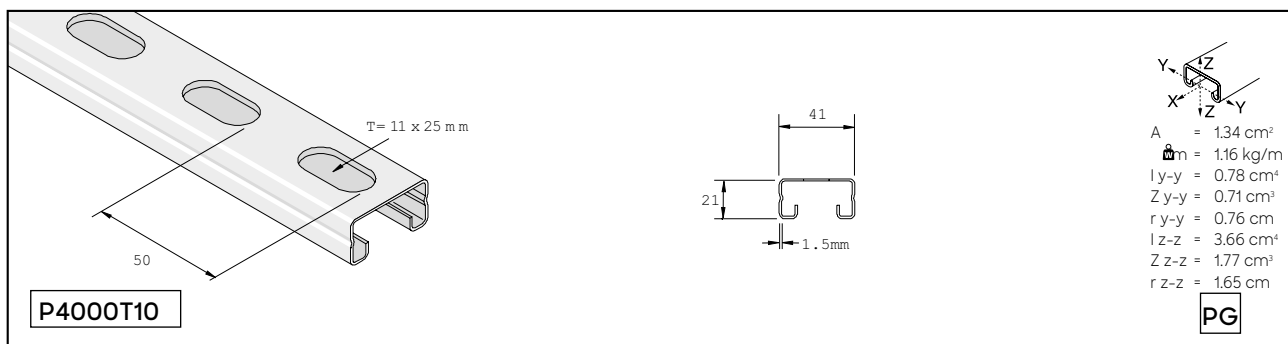
Stated loadings apply to mild steel products only.

Unistrut P2000 & P4000



* K. L / r = >180 < 250

L(mm)	F		$f=1/200L$	$f=1/360L$	$F_{(kN)}$
	$F_{max}(kN)$	$f_{max}(mm)$	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*



L(mm)	F		$f=1/200L$	$f=1/360L$	$F_{(kN)}$
	$F_{max}(kN)$	$f_{max}(mm)$	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.

$A = 5.06 \text{ cm}^2$
 $\Delta/m = 4.05 \text{ kg/m}$
 $I_{y-y} = 37.76 \text{ cm}^4$
 $Z_{y-y} = 9.01 \text{ cm}^3$
 $r_{y-y} = 2.72 \text{ cm}$
 $I_{z-z} = 16.95 \text{ cm}^4$
 $Z_{z-z} = 8.21 \text{ cm}^3$
 $r_{z-z} = 1.82 \text{ cm}$

P5000T

$T = 14 \times 28 \text{ mm}$

PG **HG**

L(mm)	F		$f = 1/200L$	$f = 1/360L$	$F_{(90)}$
	$F_{max}(kN)$	$f_{max}(mm)$	F (kN)	F (kN)	
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

$A = 10.12 \text{ cm}^2$
 $\Delta/m = 8.11 \text{ kg/m}$
 $I_{y-y} = 243.16 \text{ cm}^4$
 $Z_{y-y} = 29.44 \text{ cm}^3$
 $r_{y-y} = 4.90 \text{ cm}$
 $I_{z-z} = 33.90 \text{ cm}^4$
 $Z_{z-z} = 16.42 \text{ cm}^3$
 $r_{z-z} = 1.83 \text{ cm}$

P5001T

$T = 14 \times 28 \text{ mm}$

PG **HG**

L(mm)	F		$f = 1/200L$	$f = 1/360L$	$F_{(90)}$
	$F_{max}(kN)$	$f_{max}(mm)$	F (kN)	F (kN)	
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

PG **HG**

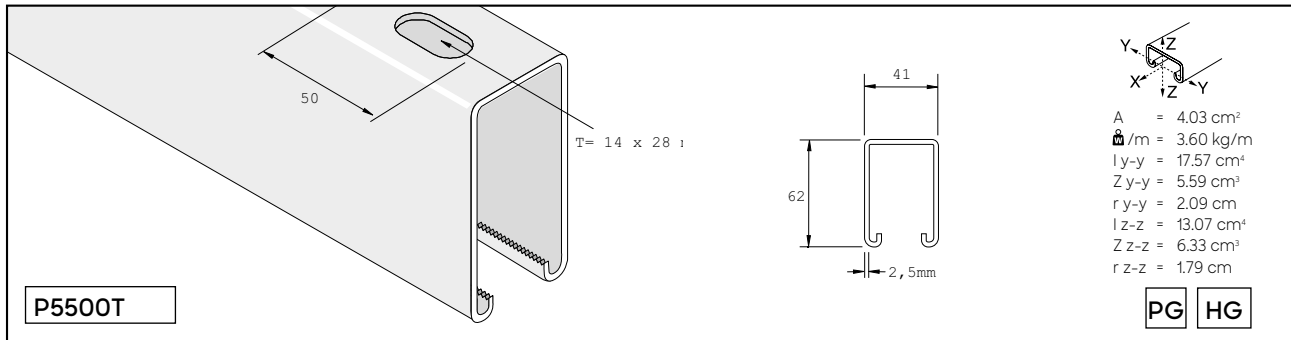
Spot Welded

Part No.	Length M		Finish	
P5000T	3	6	PG	HG
P5001T	-	-	-	-

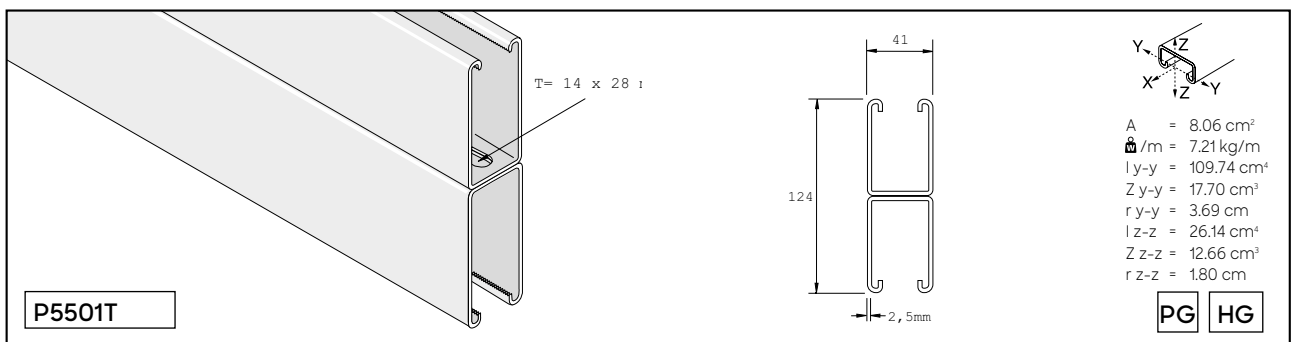
Stated loadings apply to mild steel products only.

Unistrut P5500

Atkore
Unistrut



L(mm)	F		$f \approx 1/200L$	$f \approx 1/360L$	$F_{(kN)}$
	$F_{max}(kN)$	$f_{max}(mm)$	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



PG HG
Spot Welded



L(mm)	F		$f \approx 1/200L$	$f \approx 1/360L$	$F_{(kN)}$
	$F_{max}(kN)$	$f_{max}(mm)$	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

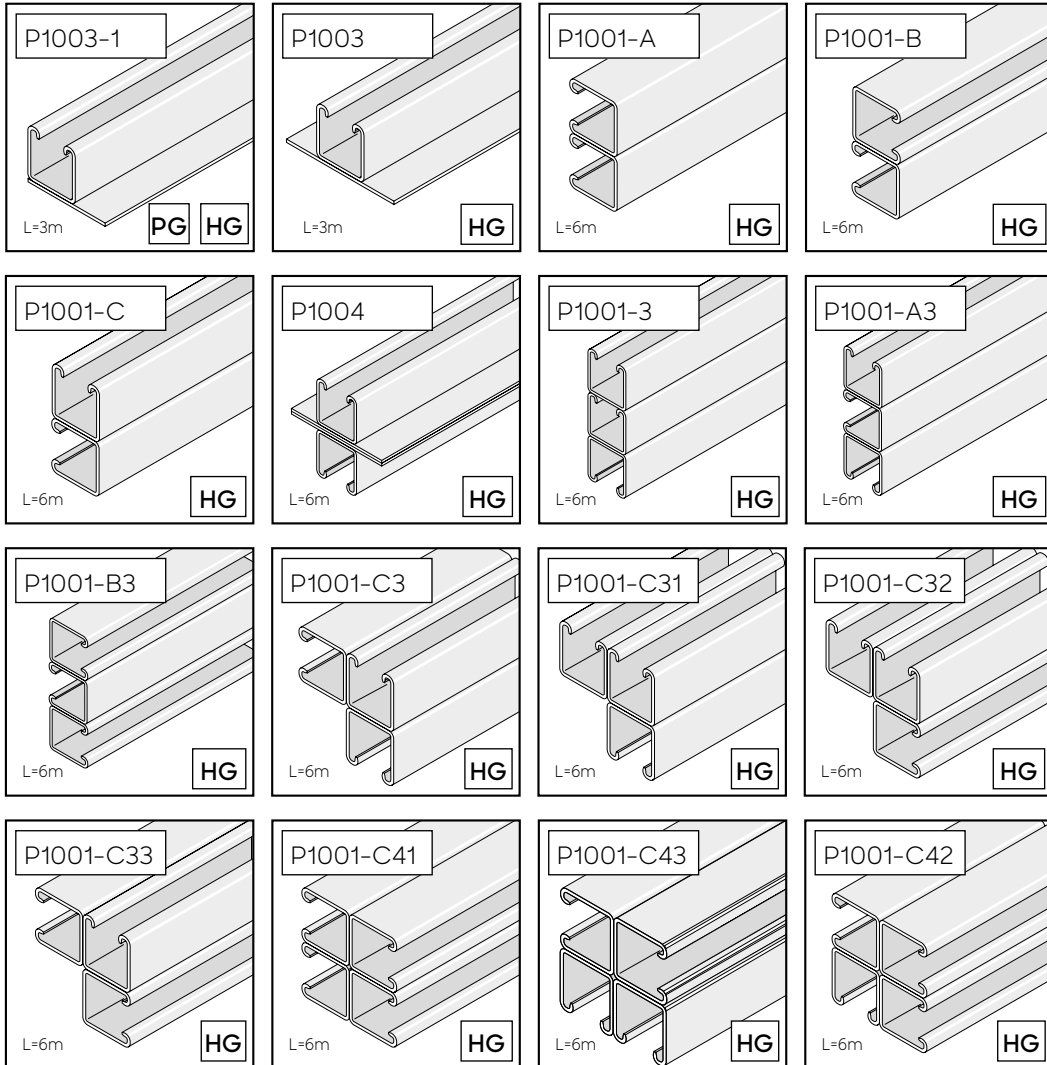
Part No.	Length M		Finish	
	3	6	PG	HG
P5500T	.	.	.	.
P5501T	.	.	.	.

Spot welded unless otherwise noted.
Stated loadings apply to mild steel products only.

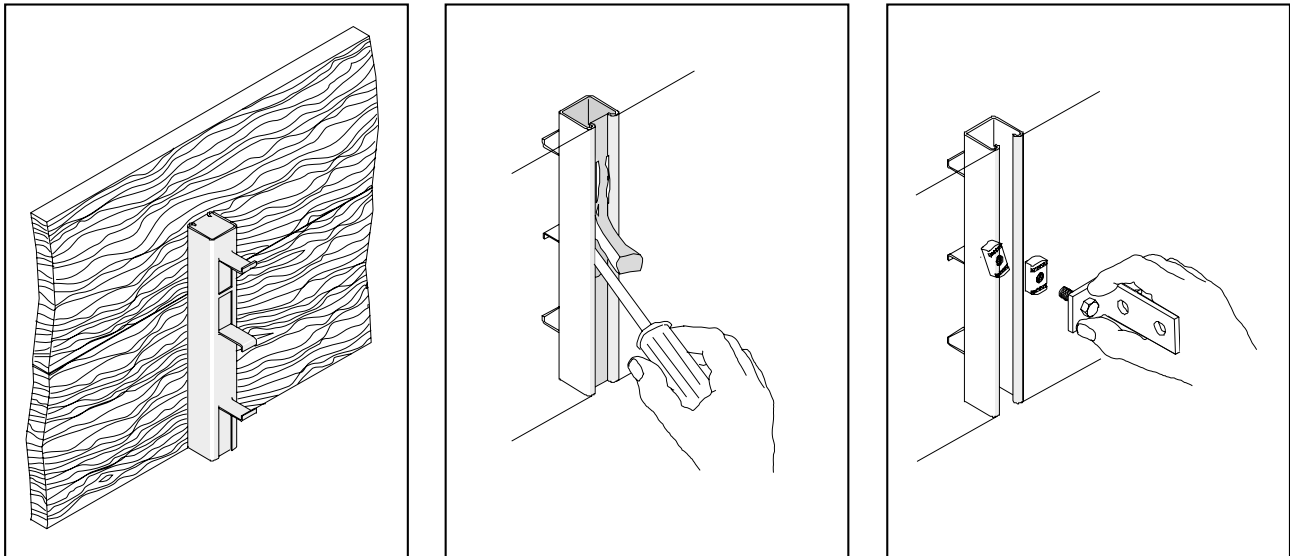


Unistrut P1000 Special Channels

P1000 Special Channels require a minimum order quantity



Concrete Inserts



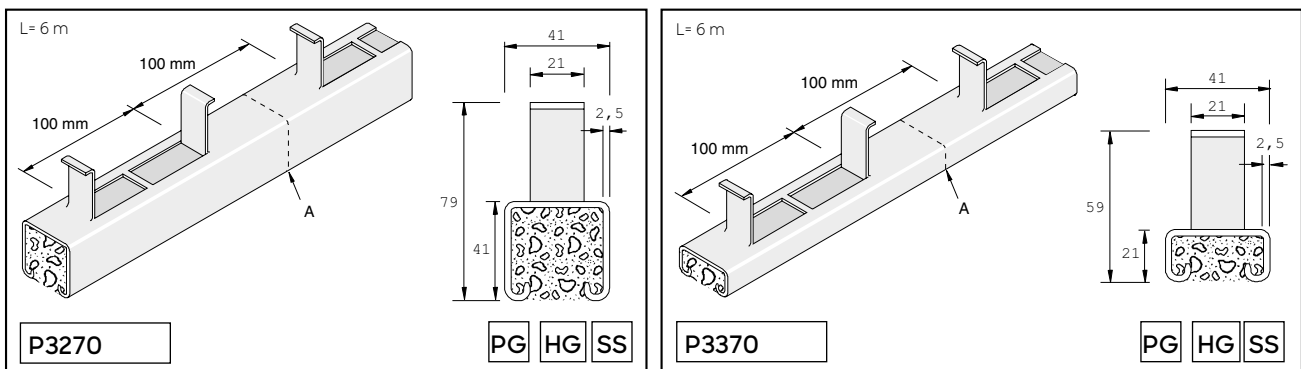
Concrete Inserts

Unistrut concrete inserts are manufactured from the 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.

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

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 galvanized, hot dip galvanized and stainless steel finishes.



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/mm²

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

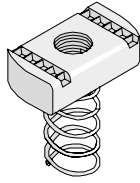
The recommended loading in average strength concrete* with a safety factor of 3, is:

Part No.	Pullout	Length
P3370	6.7kN	300mm

*B = 25 N/mm²

Stated loadings apply to mild steel products only.

Suitable for P1000, P2000 & P3270

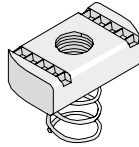


PNL06-PNL12A

ZP HG SS

Part No.	Finish			Thread Size	w /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

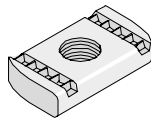


PNS06-PNS12A

ZP HG SS

Part No.	Finish			Thread Size	w /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



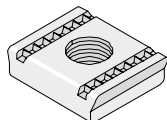
PNP06-PNP12A

ZP HG SS

Part No.	Finish			Thread Size	w /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

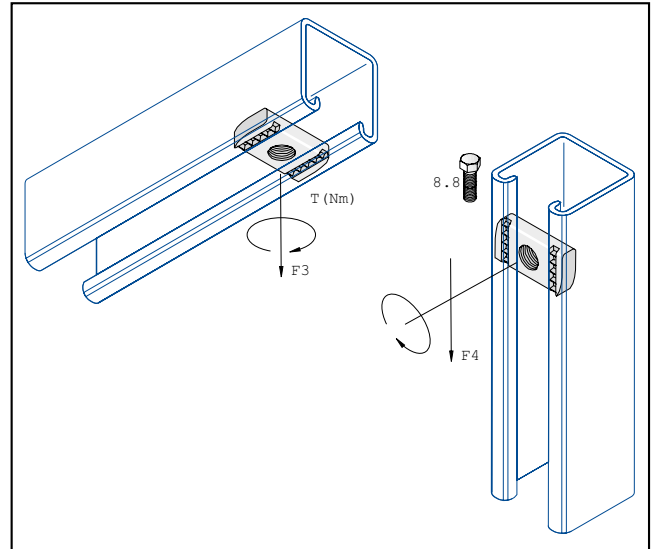
Suitable for P1000, P5000, P5500 & P3270



PNP16

ZP

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



	Part No. ZP	T (Nm)	F3 kN
P1000	PNP06	12	4.70
	PNP08	28	5.28
	PNP10	55	6.86
	PNP12	70	8.82
	PNP16	125	10.30
41	M16SN*	95	8.82
P3300	PNP06	12	4.70
	PNP08	28	5.78
	PNP10	55	6.86
21	PNP12A	60	6.86
41	M16SN*	95	8.82
P4000	PNP06	12	3.33
	PNP08	28	3.53
	PNP10	40	3.92
21	PNP12A	60	4.41
41	M16SN*	40	3.92

	Part No. SS	T (Nm)	F3 kN
P1000	PNP06	6.5	2.45
	PNP08	16	4.41
	PNP10	31.5	6.86
41	PNP12A	55	6.86
	PNP16	125	10.30
P3300	PNP06	6.5	2.45
	PNP08	16	4.41
21	PNP10	31.5	6.86
41	PNP12A	55	6.86

*M16SN Hot forged

Unistrut Stud Nuts

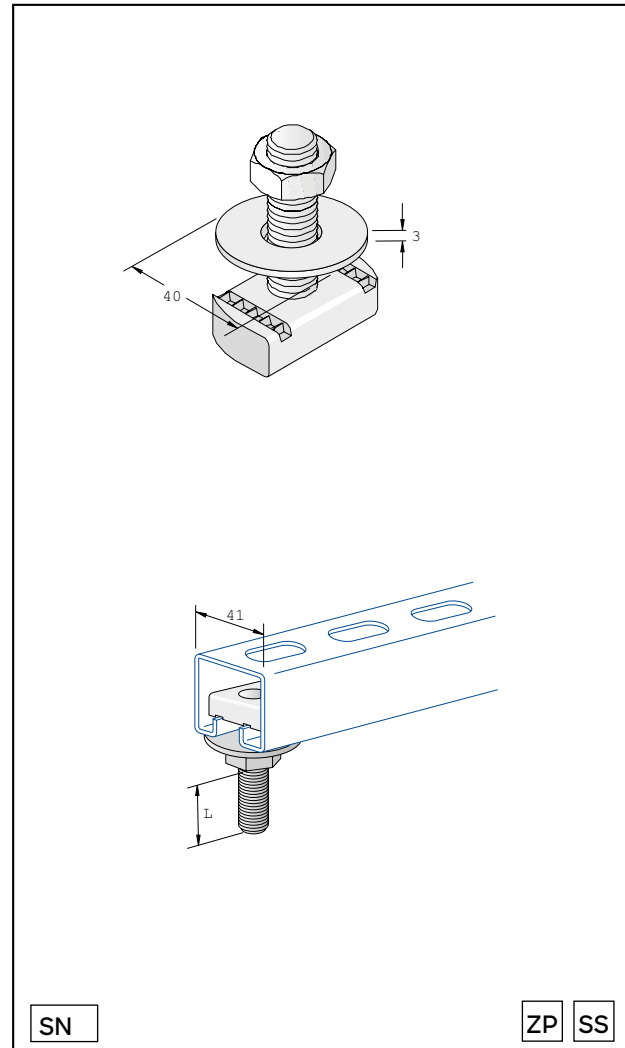
Part No.	Finish ZP	L	
M6X30SN	-	18.5mm	100

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

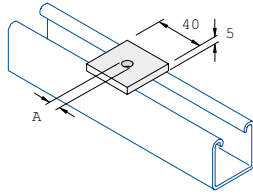
Part No.	Finish ZP	SS	L	
M10X30SN	-	-	13mm	100
M10X40SN	-	-	23mm	100
M10X50SN	-	-	33mm	100
M10X60SN	-	-	43mm	100
M10X75SN	-	-	68mm	100
M10X100SN	-	-	83mm	100

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

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



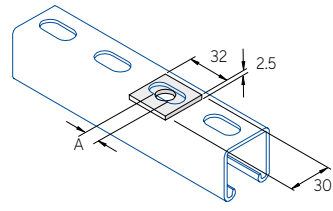
* Hot forged



P1019 / P1020

HG SS

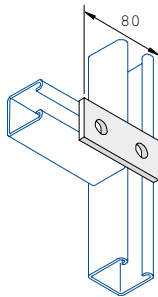
Part No.	Finish		(mm)			
	HG	SS				
P1019	-	-	9	M6/M8	0.06	100
P1020	-	-	13	M10/M12	0.06	100



P1063/06 - P1063/12

PG SS

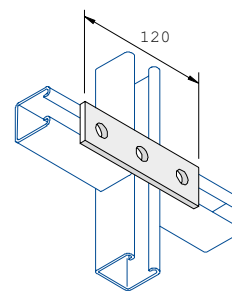
Part No.	Finish		(mm)			
	PG	SS				
P1063/06	-	-	8	M6	0.02	100
P1063/08	-	-	10	M8	0.02	100
P1063/10	-	-	12	M10	0.02	100
P1063/12	-	-	14	M12	0.02	100



P1065

HG SS

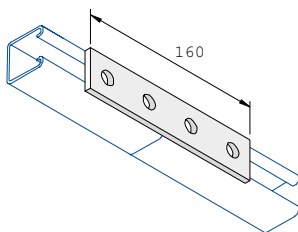
Part No.	Finish		(mm)			
	HG	SS				
P1065	-	-	8		0.17	20



P1066

HG SS

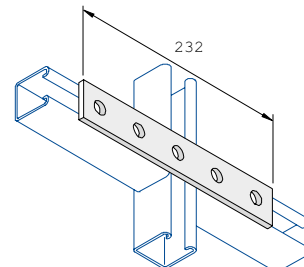
Part No.	Finish		(mm)			
	HG	SS				
P1066	-	-			0.25	20



P1067

HG SS

Part No.	Finish					
	HG	SS				
P1067	-	-			0.35	20

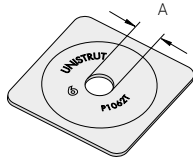


P1941

HG SS

Part No.	Finish					
	HG	SS				
P1941	-	-			0.43	20

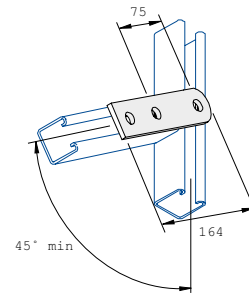
Unistrut Flat Fittings



P1062T/P1064T

PG

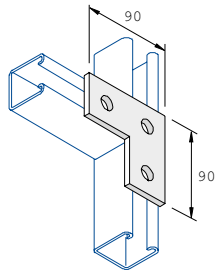
Part No.	Finish	(mm)		W /100	
P1062T	-	8	M6	3.0	100
P1062AT	-	10	M8	3.0	100
P1063T	-	12	M10	3.0	100
P1064T	-	14	M12	3.0	100



P2322

HG

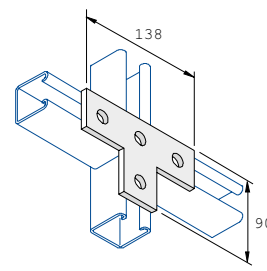
Part No.	Finish	W	
P2322	HG	0.34	25



P1036

HG SS

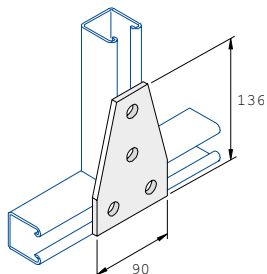
Part No.	Finish	W	
P1036	HG SS	0.26	25



P1031

HG SS

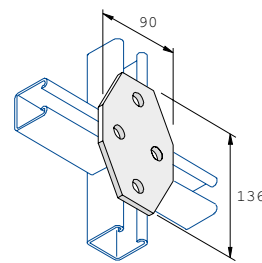
Part No.	Finish	W	
P1031	HG SS	0.36	25



P1358

HG SS

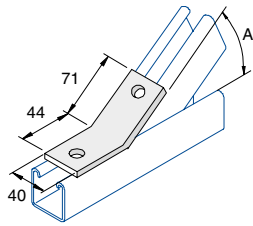
Part No.	Finish	W	
P1358	HG SS	0.48	10



P1580

HG SS

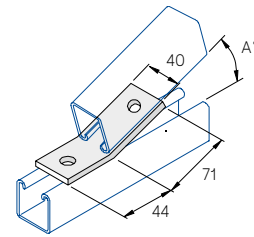
Part No.	Finish	W	
P1580	HG SS	0.37	10



P1546, P2095 & P2097

HG SS

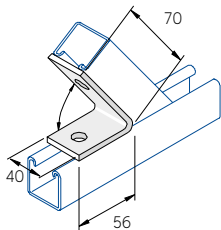
Part No.	HG	Finish	SS	A°	W	
P1546	-	-	-	45°	0.26	25
P2097	-	-	-	60°	0.26	25
P2095	-	-	-	75°	0.26	25



P2101 & P2103

HG

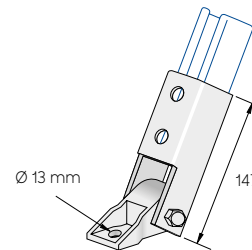
Part No.	Finish	HG	A°	W	
P2101	-	-	30°	0.26	25
P2103	-	-	15°	0.26	25



P1186, P2106 & P2108

HG SS

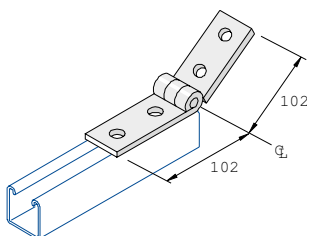
Part No.	HG	Finish	SS	A°	W	
P1186	-	-	-	45°	0.26	25
P2106	-	-	-	75°	0.26	25
P2108	-	-	-	60°	0.26	25



P2815S

ZP

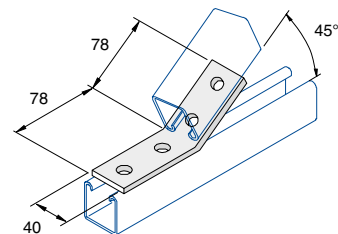
Part No.	Finish	ZP	W	
P2815S	-	-	1.53	10



P1354

ZP

Part No.	Finish	ZP	W	
P1354	-	-	0.45	20

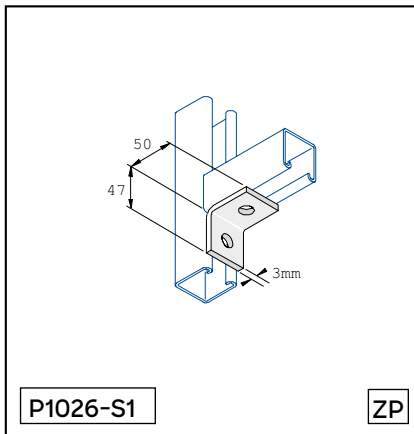


P1074

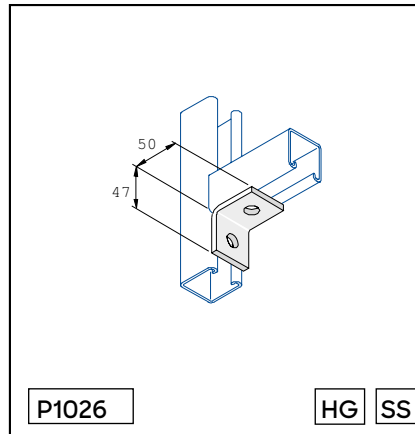
HG SS

Part No.	Finish	HG	SS	W	
P1074	-	-	-	0.35	25

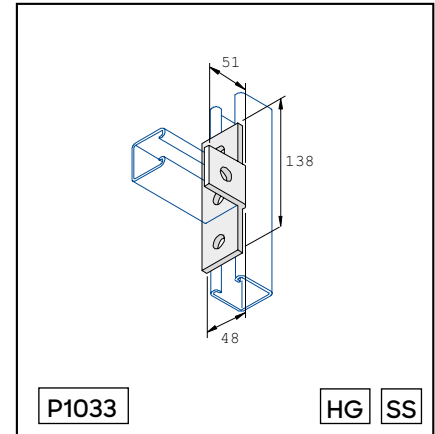
Unistrut Angle Fittings



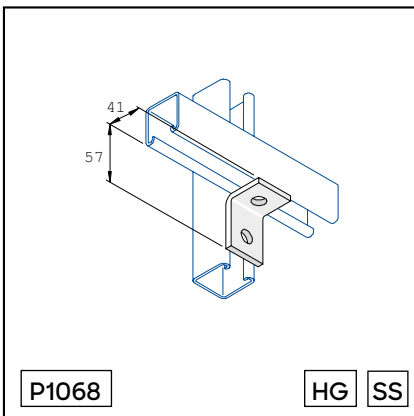
Part No.	Finish	W	
P1026-S1	ZP	0.07	100



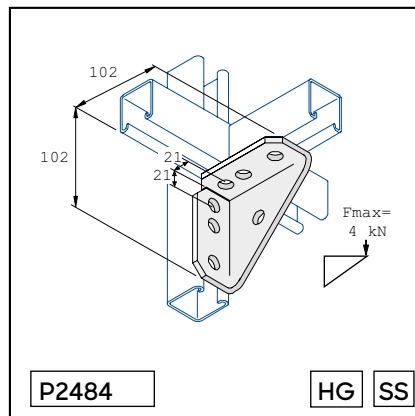
Part No.	Finish	W	
P1026	HG SS	0.17	100



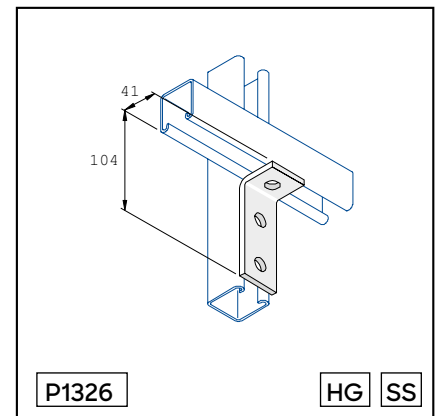
Part No.	Finish	W	
P1033	HG SS	0.36	25



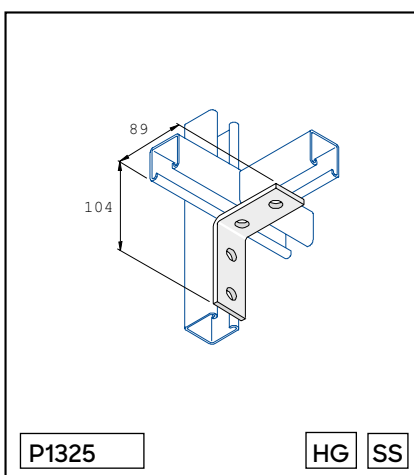
Part No.	Finish	W	
P1068	HG SS	0.17	25



Part No.	Finish	W	
P2484	HG SS	0.61	10

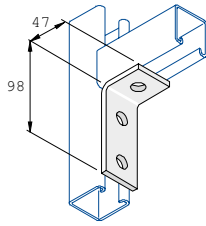


Part No.	Finish	W	
P1326	HG SS	0.26	25



Part No.	Finish	W	
P1325	HG SS	0.35	25

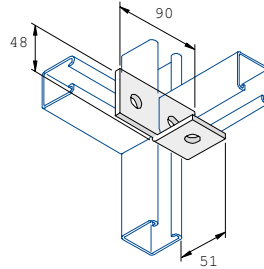
Stated loadings apply to mild steel products only.



P1346

HG SS

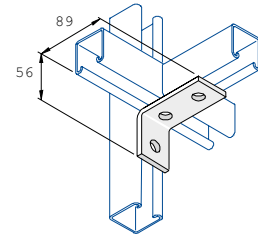
Part No.	Finish		W	
P1346	HG	SS	0.26	25



P1037

HG SS

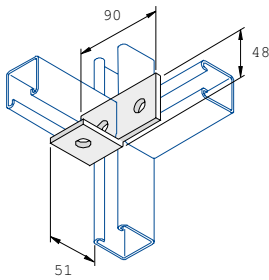
Part No.	Finish		W	
P1037	HG	SS	0.26	25



P1458

HG SS

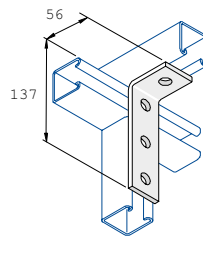
Part No.	Finish		W	
P1458	HG	SS	0.26	25



P1038

HG

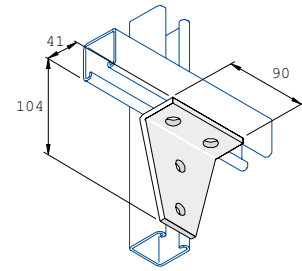
Part No.	Finish		W	
P1038	HG		0.26	25



P1278

HG SS

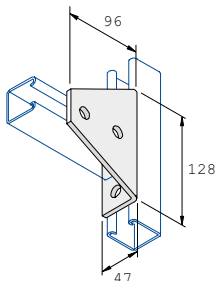
Part No.	Finish		W	
P1278	HG	SS	0.26	25



P1359

HG SS

Part No.	Finish		W	
P1359	HG	SS	0.48	25



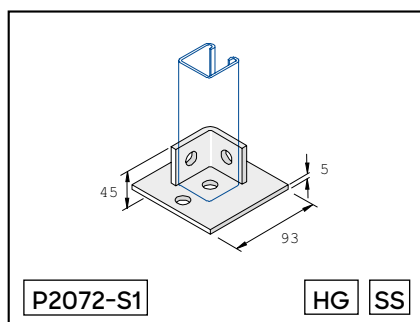
P1727

HG SS

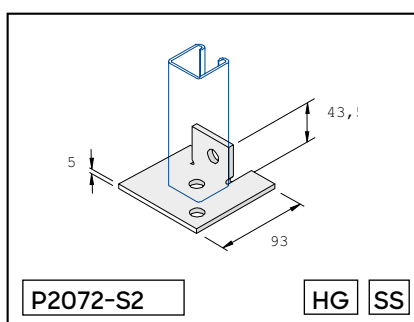
Part No.	Finish		W	
P1727	HG	SS	0.70	10

Stated loadings apply to mild steel products only.

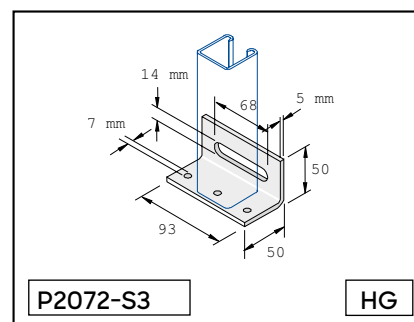
Base Fittings & Wing Fittings



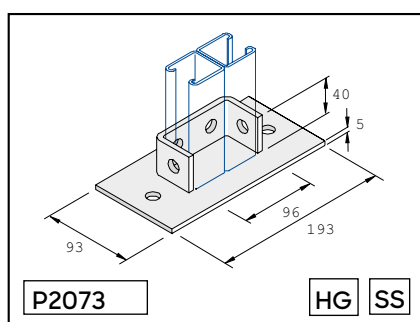
Part No.	Finish	W	
P2072-S1	HG	SS	0.48
			10



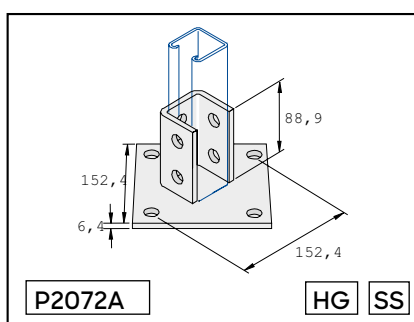
Part No.	Finish	W	
P2072-S2	HG	SS	0.33
			10



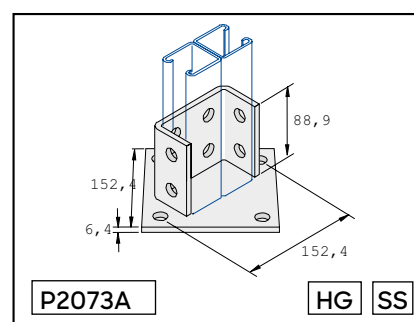
Part No.	Finish	W	
P2072-S3	HG		0.30
			10



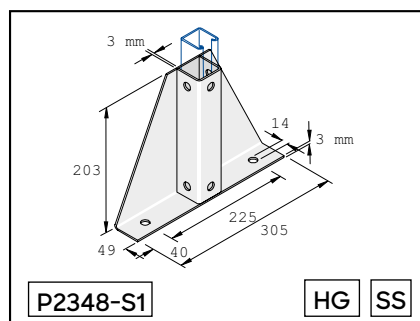
Part No.	Finish	W	
P2073	HG	SS	0.98
			10



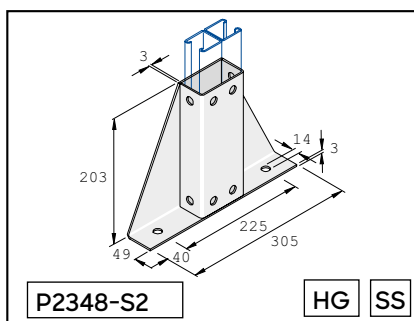
Part No.	Finish	W	
P2072A	HG	SS	1.70
			10



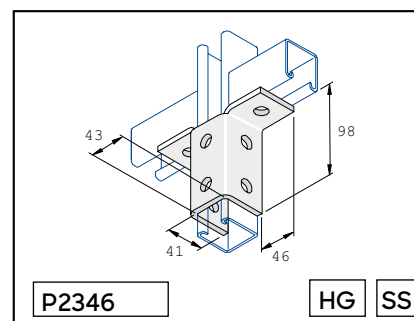
Part No.	Finish	W	
P2073A	HG	SS	1.80
			10



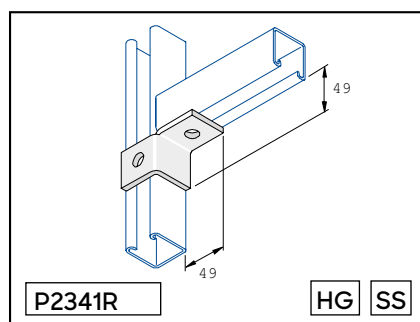
Part No.	Finish	W	
P2348-S1	HG	SS	1.95
			1



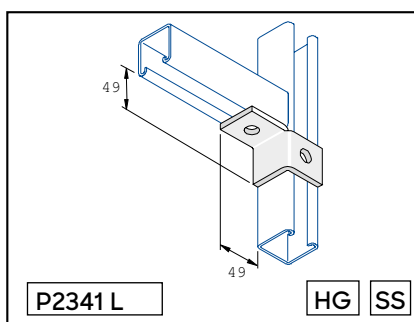
Part No.	Finish	W	
P2348-S2	HG	SS	2.15
			1



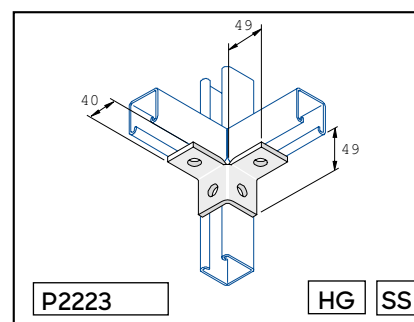
Part No.	Finish	W	
P2346	HG	SS	0.68
			10



Part No.	Finish	W	
P2341R	HG	SS	0.21
			25

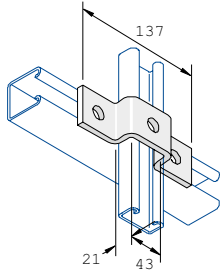


Part No.	Finish	W	
P2341L	HG	SS	0.21
			25



Part No.	Finish	W	
P2223	HG	SS	0.35
			25

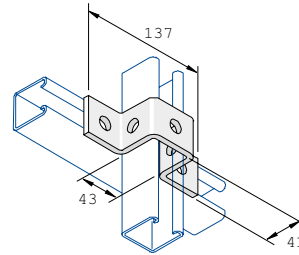
U & Z Fittings & Channel Couplers



P4047

HG SS

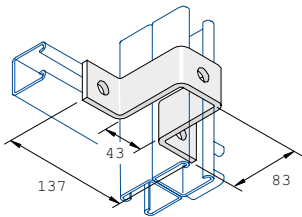
Part No.	Finish			
P4047	HG	SS	0.32	25



P1047

HG SS

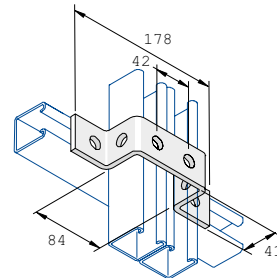
Part No.	Finish			
P1047	HG	SS	0.40	25



P1737

HG SS

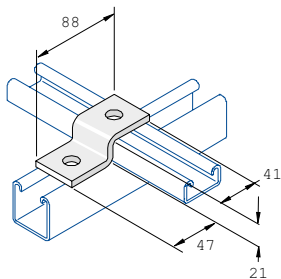
Part No.	Finish			
P1737	HG	SS	0.58	10



P1043

HG SS

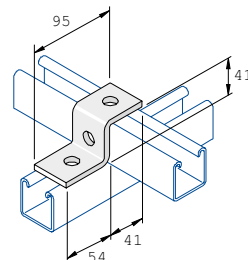
Part No.	Finish			
P1043	HG	SS	0.48	20



P4045

HG SS

Part No.	Finish			
P4045	HG	SS	0.21	50

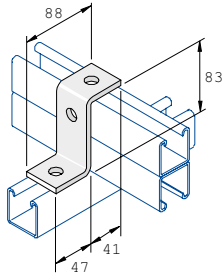


P1045

HG SS

Part No.	Finish			
P1045	HG	SS	0.25	25

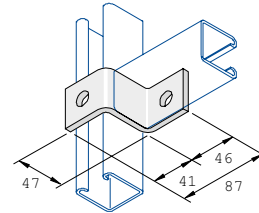
U & Z Fittings & Channel Couplers



P1453

HG SS

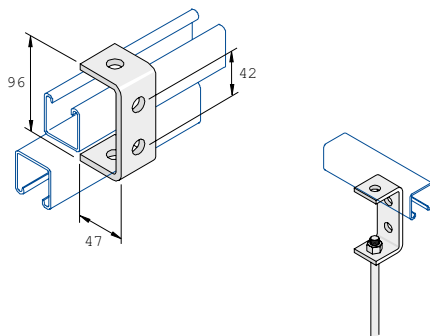
Part No.	Finish	W	
P1453	HG SS	0.32	25



P1347

HG SS

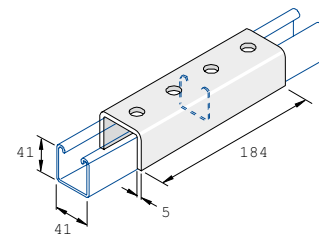
Part No.	Finish	W	
P1347	HG SS	0.25	25



P1044

HG SS

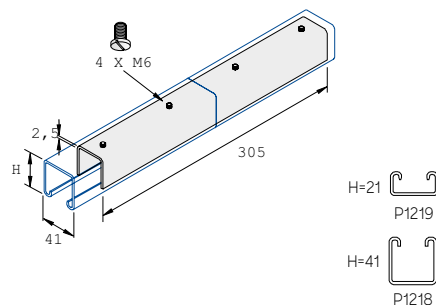
Part No.	Finish	W	
P1044	HG SS	0.32	25



P1377 Recommended for continuous beam

HG SS

Part No.	Finish	W	
P1377	HG SS	1.20	10

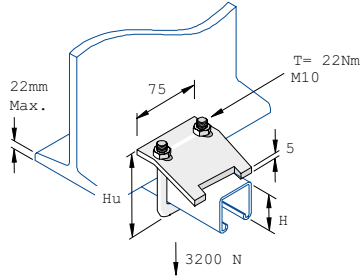


P1218

PG SS

Part No.	Finish	W	
P1218	PG SS	0.56	10

* Used in pair



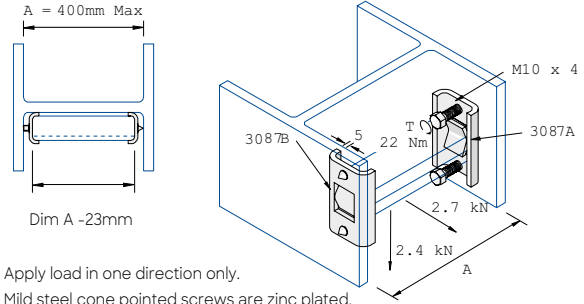
Loadings are per beam clamp and used in pairs.
Mild steel u bolts are zinc plated.

P2785 - P2787

HG SS

Part No.	Finish		H (mm)	Hu (mm)		
	HG	SS				
P2785	-	-	21-41	86	0.31	25
P2786	-	-	62-83	127	0.35	25
P2787	-	-	124-164	209	0.43	25

P3087=P3087A + P3087B

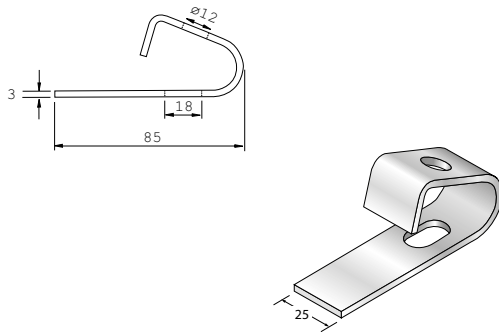


Apply load in one direction only.
Mild steel cone pointed screws are zinc plated.

P3087

HG SS

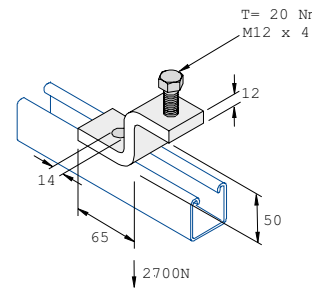
Part No.	Finish			
	HG	SS		
P3087	.	.	0.67	10



Z10

ZP

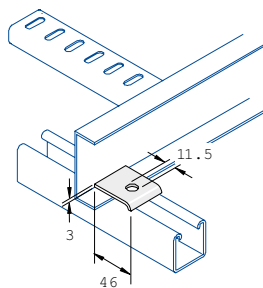
Part No.	Finish	W	
Z10	ZP	0.06	100



P1983

HG SS

Part No.	Finish			
	HG	SS		
P1983	.	.	0.39	10

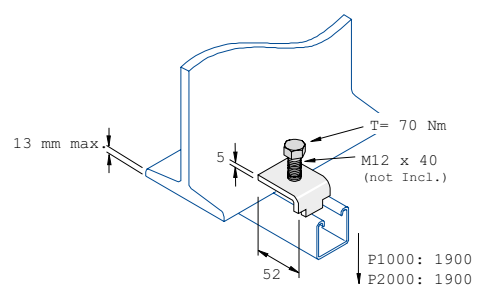


P1386-S1

ZP

Part No.	Finish	W	
P1386-S1	ZP		

* Used in pair



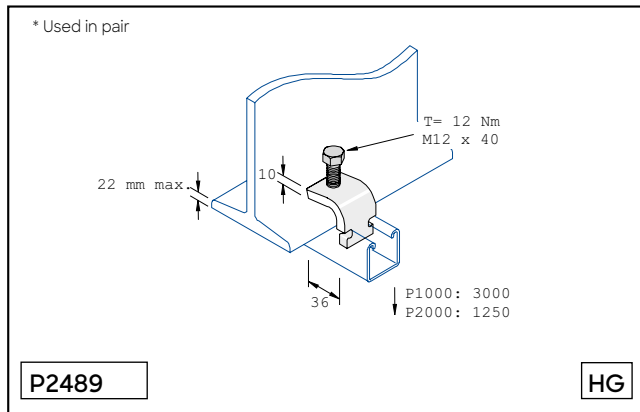
P1386

HG SS

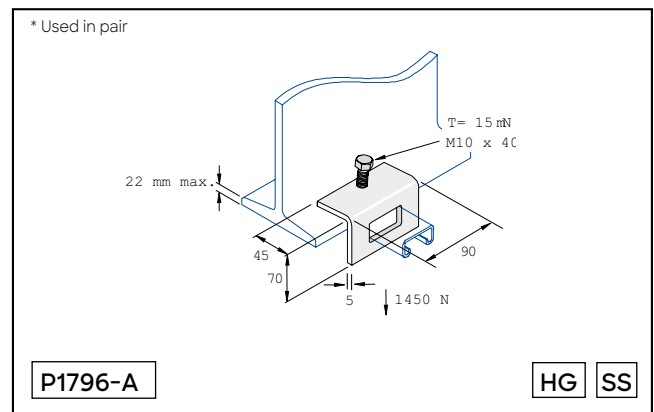
Part No.	Finish			
	HG	SS		
P1386	•	•	0.042	75

Stated loadings apply to mild steel products only.

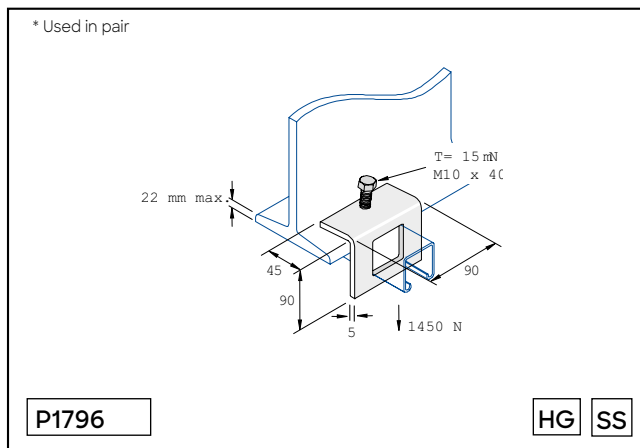
Beam Clamps



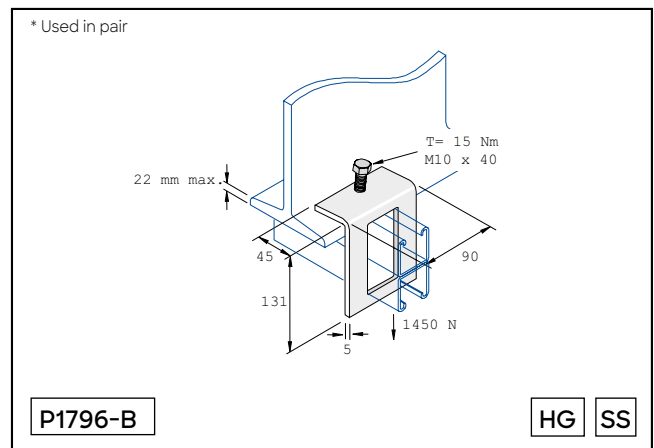
Part No.	Finish		
P2489	HG		



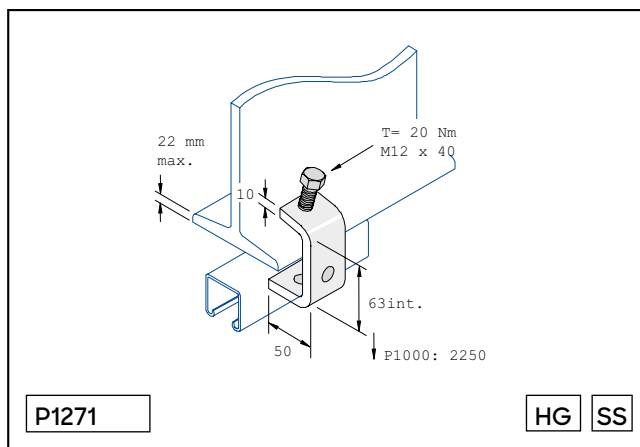
Part No.	Finish		
P1796-A	HG	SS	0.39 10



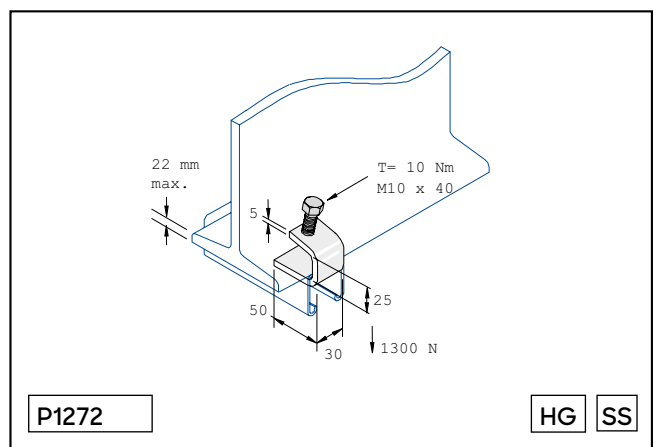
Part No.	Finish		
P1796	HG	SS	0.39 10



Part No.	Finish		
P1796-B	HG	SS	0.50 8

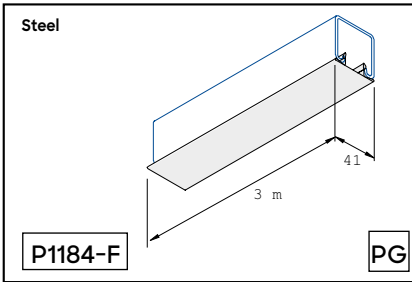


Part No.	Finish		
P1271	HG	SS	0.043 10

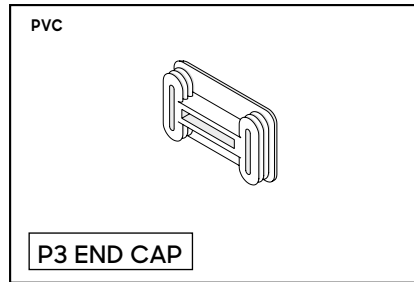


Part No.	Finish		
P1272	HG	SS	0.13 50

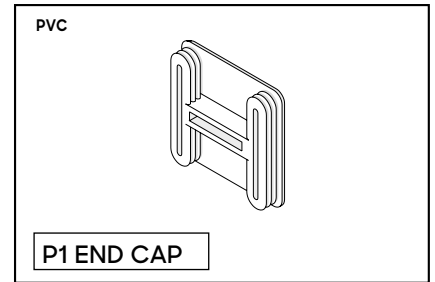
Stated loadings apply to mild steel products only.



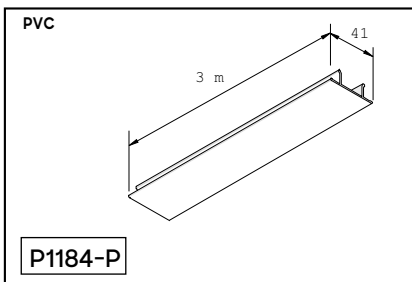
Part No.		
P1184-F	1.07	1



Part No.	Part No.	Part No.			
Blue	White	Black		/100	
139 21 98	139 21 96	139 21 97	41x21	0.3	100

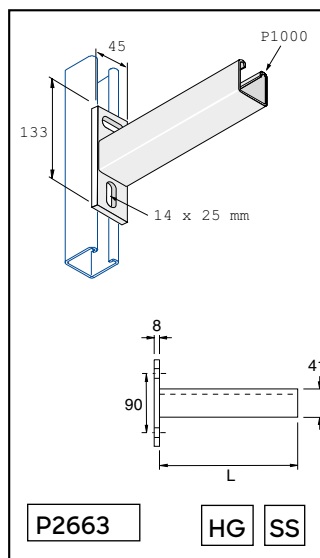


Part No.	Part No.	Part No.			
Blue	White	Black		/100	
139 41 98	139 41 96	139 41 97	41x41	0.5	100

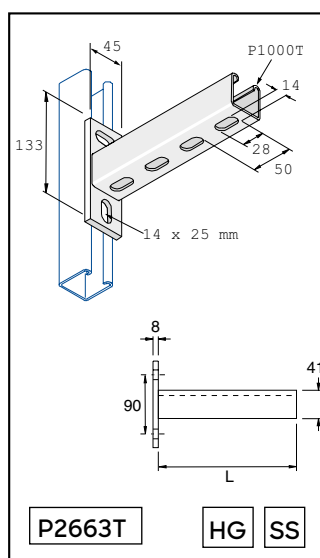


Part No.	Colour		
P1184-PW	White	0.48	1
P1184-PB	Black	0.48	1

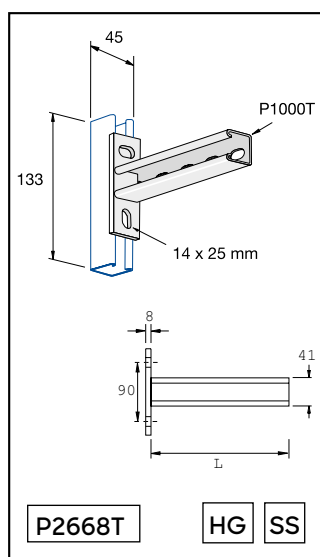
Cantilever Arms



Part No.	Finish HG	SS	W mm	L (mm)	Uniformly distributed load $\frac{1}{2} L$ F_1 $\frac{1}{2} L$	Point load F_1	Two point loads $\frac{1}{3} L$ F_2 $\frac{1}{3} L$ F_2 $\frac{1}{3} L$	Three point loads $\frac{1}{4} L$ F_3 $\frac{1}{4} L$ F_3 $\frac{1}{4} L$ F_3 $\frac{1}{4} L$
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



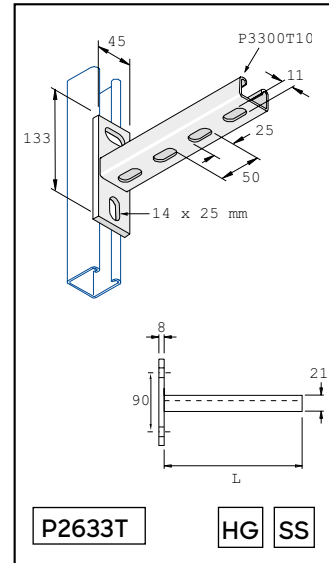
Part No.	Finish HG	SS	ZP	W mm	L (mm)	Uniformly distributed load $\frac{1}{2} L$ F_1 $\frac{1}{2} L$	Point load F_1	Two point loads $\frac{1}{3} L$ F_2 $\frac{1}{3} L$ F_2 $\frac{1}{3} L$	Three point loads $\frac{1}{4} L$ F_3 $\frac{1}{4} L$ F_3 $\frac{1}{4} L$ F_3 $\frac{1}{4} L$
P2663T/150	-	-	-	0.75	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



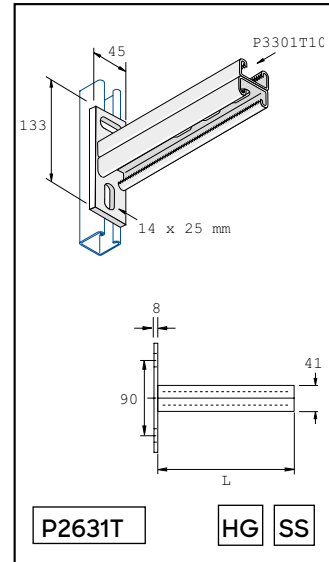
Part No.	Finish HG	SS	W mm	L (mm)	Uniformly distributed load $\frac{1}{2} L$ F_1 $\frac{1}{2} L$	Point load F_1	Two point loads $\frac{1}{3} L$ F_2 $\frac{1}{3} L$ F_2 $\frac{1}{3} L$	Three point loads $\frac{1}{4} L$ F_3 $\frac{1}{4} L$ F_3 $\frac{1}{4} L$ F_3 $\frac{1}{4} L$
P2668T/150	-	-	0.75	150	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.

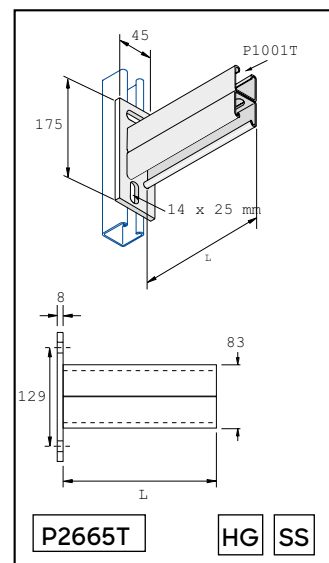
Part No.	Finish HG SS	W mm	L (mm)				
P2633T/150	-	0.60	150	1.94 kN	0.97 kN	0.97 kN	0.64 kN
P2633T/300	-	0.87	300	1.00 kN	0.50 kN	0.50 kN	0.33 kN
P2633T/450	-	1.13	450	0.67 kN	0.33 kN	0.33 kN	0.22 kN



Part No.	Finish HG SS	W mm	L (mm)				
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

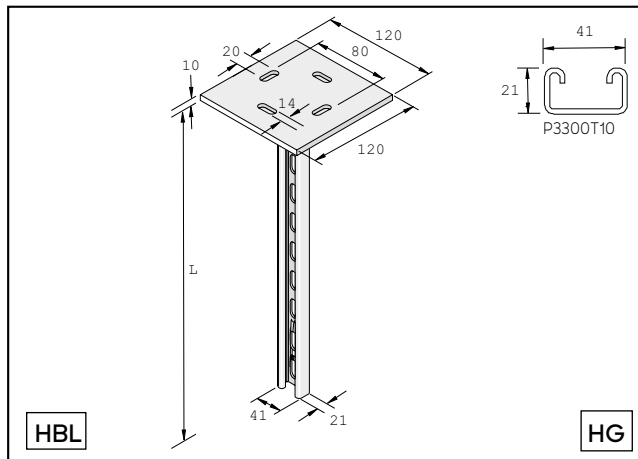


Part No.	Finish HG SS	W mm	L (mm)				
P2665T/150	-	1.44	150	8.82 kN	4.41 kN	4.41 kN	2.94 kN
P2665T/300	-	2.21	300	6.47 kN	3.23 kN	3.24 kN	2.15 kN
P2665T/450	-	3.09	450	4.31 kN	2.15 kN	2.15 kN	1.43 kN
P2665T/600	-	3.72	600	3.23 kN	1.61 kN	1.61 kN	1.07 kN
P2665T/750	-	4.73	750	2.58 kN	1.29 kN	1.29 kN	0.86 kN

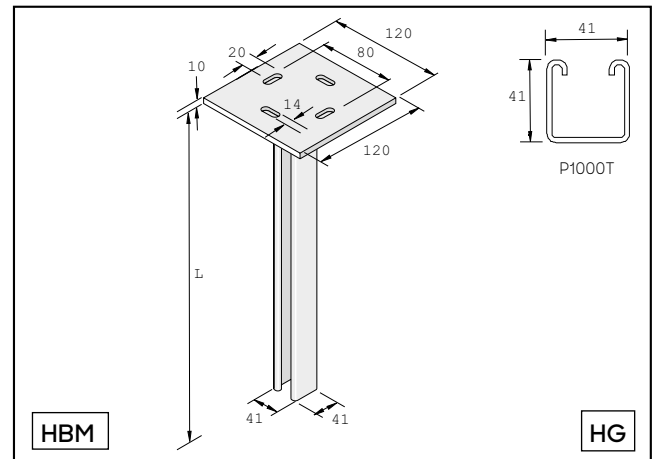


Loadings indicated are only applicable when 2 fixings per cantilever arms are used.
Stated loadings apply to mild steel products only.

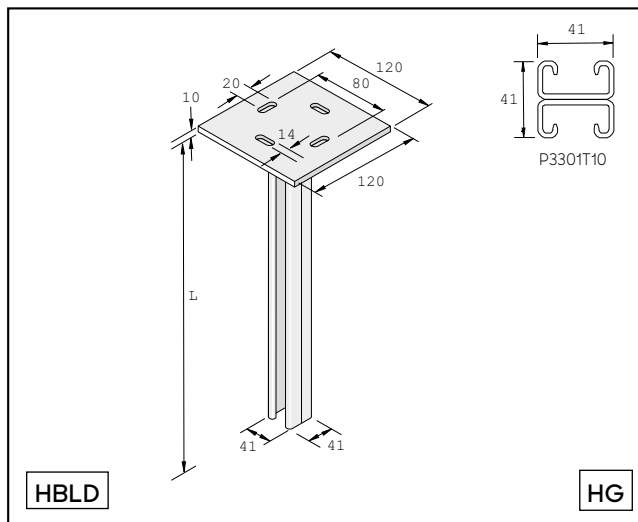
Cantilever Arms



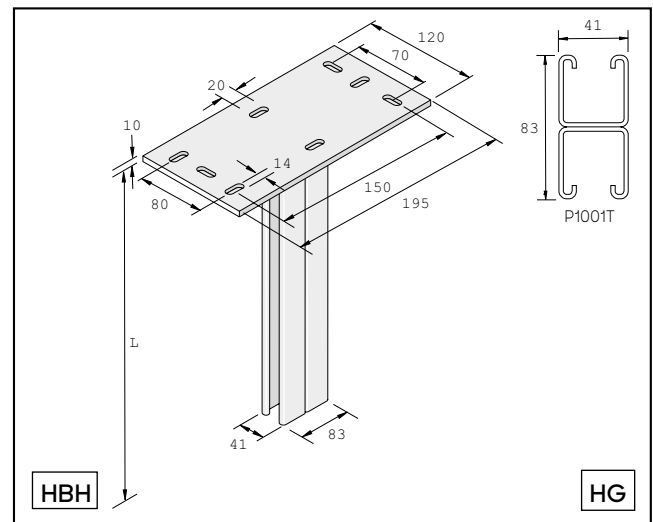
Part No.	Finish HG	L (mm)	W
HBL/500	-	525	2.00
HBL/750	-	775	2.44
HBL/1000	-	1025	2.88
HBL/1250	-	1275	3.32



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



Part No.	Finish HG	L (mm)	W
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



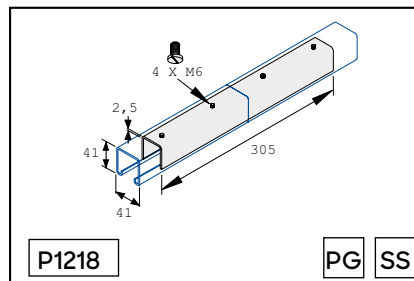
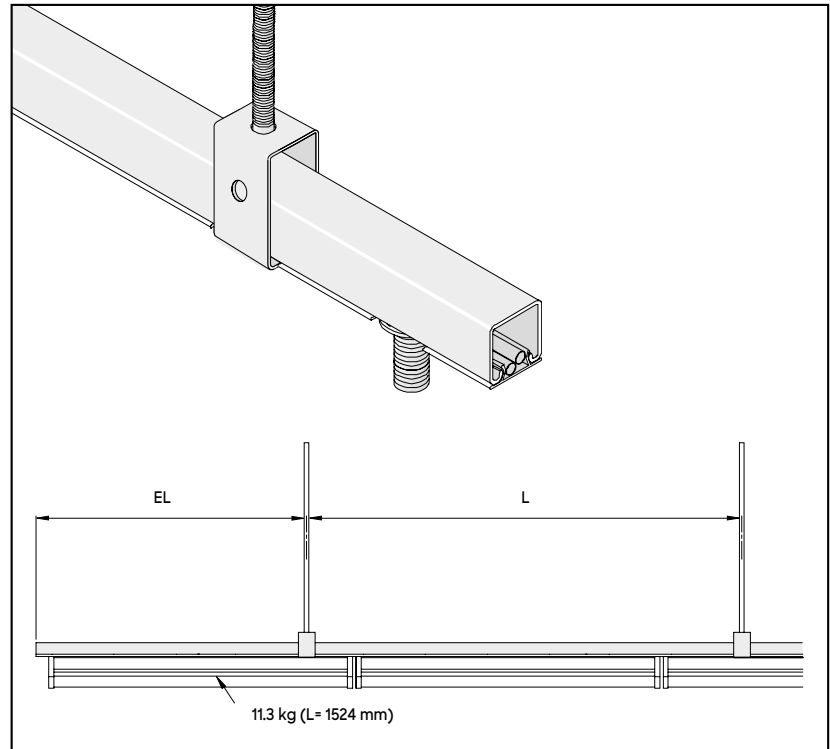
Part No.	Finish HG	L (mm)	W
HBH/500	-	525	4.60
HBH/750	-	775	5.97
HBH/1000	-	1025	7.33
HBH/1250	-	1275	8.70
HBH/1500	-	1525	10.07
HBH/2000	-	2025	12.80

Fluorescent Lighting Supports & Fittings

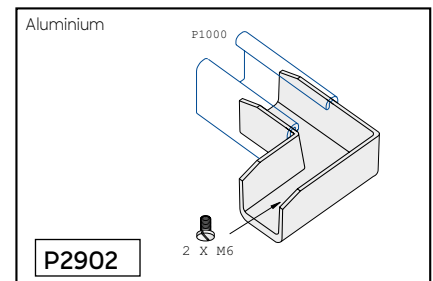
	L m	f mm	EL m
P4000	2.5	8.8	0.6 - 0.8
P3300	2.5	7.1	0.6 - 0.8
P1000	2.5	1.3	0.6 - 0.8
P3301	3	3.6	0.8 - 1.0
P1000	3	2.5	0.8 - 1.0
P3301	3.5	7.0	0.9 - 1.2
P1000	3.5	4.9	0.9 - 1.2
P3301	4	12.3	1.0 - 1.4
P1000	4	8.6	1.0 - 1.4
P1001	4	2.3	1.0 - 1.4
P1000	4.5	13.3	1.2 - 1.5
P1001	4.5	3.5	1.2 - 1.5
P1001	5	5.2	1.4 - 1.7
P1001	6	11.7	1.5 - 1.8

f = Deflection *

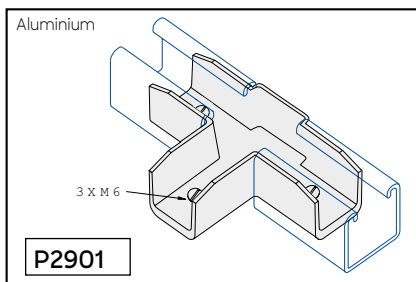
* Deflections are based on continuity of span assuming adequate lateral support and use of fixtures each weighing approximately 11.3Kg and being 1524mm long. Joiner fittings should be positioned at one quarter span between supporting hangers. With fixtures having 600mm spacing results in a deflection of 70 - 80% of above value. 1200mm spacing results in a deflection of 50 - 60% of above value.



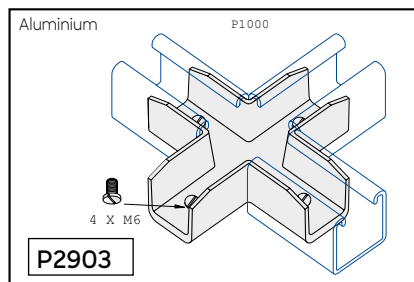
Part No.	Finish	W	PG	SS
P1218	-	0.519	15	



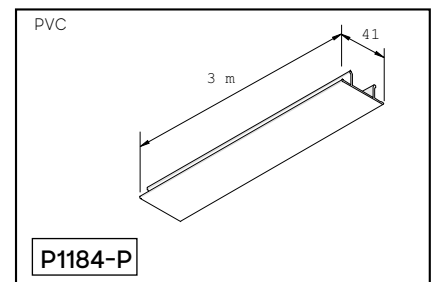
Part No.	W	PG	SS
P2902	0.405	10	



Part No.	W	PG	SS
P2901	0.16	10	



Part No.	W	PG	SS
P2903	0.20	10	



Part No.	Colour	W	PG	SS
P1184-PW	White	0.48	1	
P1184-PB	Black	0.48	1	

PVC



P3 END CAP

PVC



P1 END CAP

* Roller material Acetal Plastic N2320

Technical drawing of a roller assembly. The main view shows a 3D perspective of a roller with a central shaft and two side rollers. Dimensions include a width of 18, a length of 80, and a force $F_1 = 400 \text{ N}$ applied downwards. A detail view shows a cross-section of the roller with dimensions 41x41 and a label P1000. A temperature indicator shows $+80^\circ \text{C}$. The material is Acetal Based Plastic Natural.

P2750/1

0.22

Acetal Based Plastic Natural

* Roller material Mild steel
 $F1^* = 230 \text{ N}$

Technical drawing of a roller assembly. The main view shows a 3D perspective of a U-shaped frame with two rollers. Dimensions include a width of 31, a base thickness of 7 mm, a distance of 19 from the center to the side, and a distance of 18 from the center to the front. A force $F1^*$ is applied downwards at the center. An inset shows the cross-section of the U-shaped frame with a width of 41 and a height of 41, labeled P1000.

P2749

0.10

W

JP

* Roller material Mild steel

RPM	F kN
600	0.7
300	1.0
100	1.9

P2949

0.21  

* Roller material Mild steel

RPM	F kN
600	1.3
300	2.0
100	2.7

P2950

0.50 **ZP**

Technical drawing of the P1834 component, showing dimensions and force application.

Dimensions:

- Width: 41 mm
- Thickness: 14 mm
- Height: 95 mm
- Flange width: 11 mm
- Distance from bottom edge to hole: 25.4 mm

Force applied: $F_{\max} = 5.4 \text{ kN}$

Part number: P1834

Version: 0.49

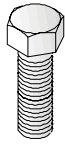
Warning icon:

Logo: HG

Technical drawing of the P1834A component, showing dimensions and load capacity:

- Overall length: 89 mm
- Top flange width: 14 mm
- Height: 95 mm
- Bottom flange width: 11 mm
- Bottom flange thickness: 25,4 mm
- Load capacity: $F_{\max} = 11,3 \text{ kN}$

1.06  

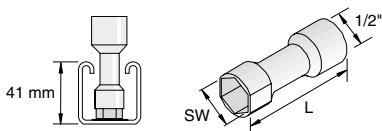


HEX. HEAD SCREW

ZP HG SS

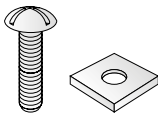
ZP	Part No. M6 HG	SS	ZP	Part No. M8 HG	SS	ZP	Part No. M10 HG	SS	ZP	Part No. M12 HG	SS	
93356X12	93336X12	93346X12	93358X20	93338X20	93348X20	933510X20	933310X20	933410X20	933512X22	933312X22	933412X22	100
93356X16	93336X16	93346X16	93358X25	93338X25	93348X25	933510X25	933310X25	933410X25	933512X25	933312X25	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

Max Torque 30Nm



CHANNEL SOCKET

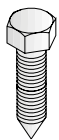
Part No.	Part No.
M10	M12
17AF	19AF



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

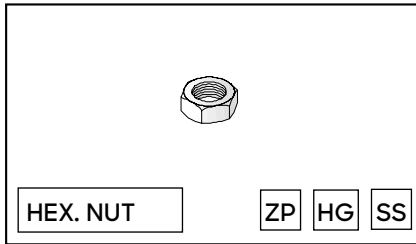


CONE-POINTED SCREW

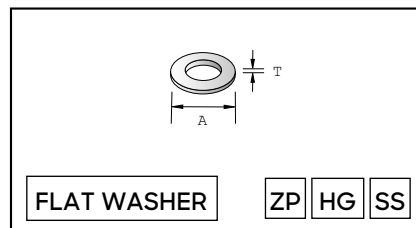
ZP

Part No.	Finish ZP	W /100	
M10x40CP	.	2.5	100
M12x40CP	.	3.9	100

Nuts, Bolts & Washers

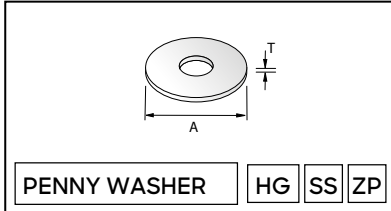


Part No. M6			Part No. M8			Part No. M10			Part No. M12		
ZP	HG	SS	ZP	HG	SS	ZP	HG	SS	ZP	HG	SS
9345M6	9343M6	9344M6	9345M8	9343M8	9344M8	9345M10	9343M10	9344M10	9345M12	9343M12	9344M12

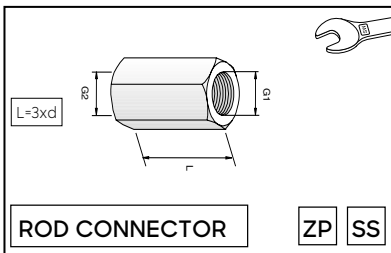


Part No. M6			Part No. M8			Part No. M10			Part No. M12			Part No. M16			
ZP	HG	SS	ZP	HG	SS	ZP	HG	SS	ZP	HG	SS	ZP	HG	SS	
1255M6	1253M6	1254M6	1255M8	1253M8	1254M8	1255M10	1253M10	1254M10	1255M12	1253M12	1254M12	1255M16	1253M16	1254M16	100
(A=12.5mm)			(A=17mm)			(A=21mm)			(A=24mm)			(A=30mm)			
(T=1.6mm)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

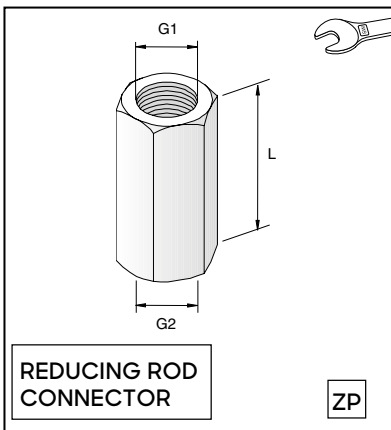
Washers & Threaded Rod Connectors



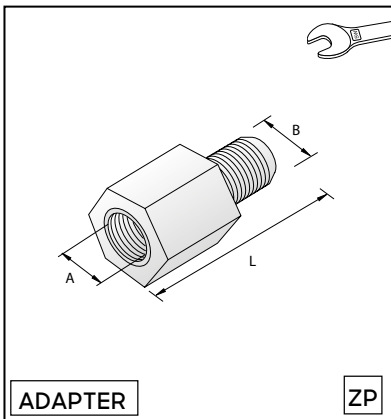
Part No. M6	Part No. M8	Part No. M10	Finish			
ZP	A	T				
PYWM6X25	PYWM8X25	PYWM10X25	-	25	1.5	100
PYWM6X32	PYWM8X32	PYWM10X32	-	32	1.5	100



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



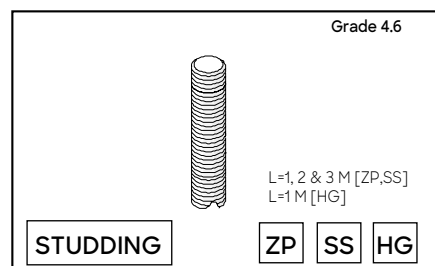
Part No.	Finish ZP	G1	G2	SW mm	L mm	
SPM8M10	-	M8	M10	13	30	50
SPM10M12	-	M10	M12	17	30	50



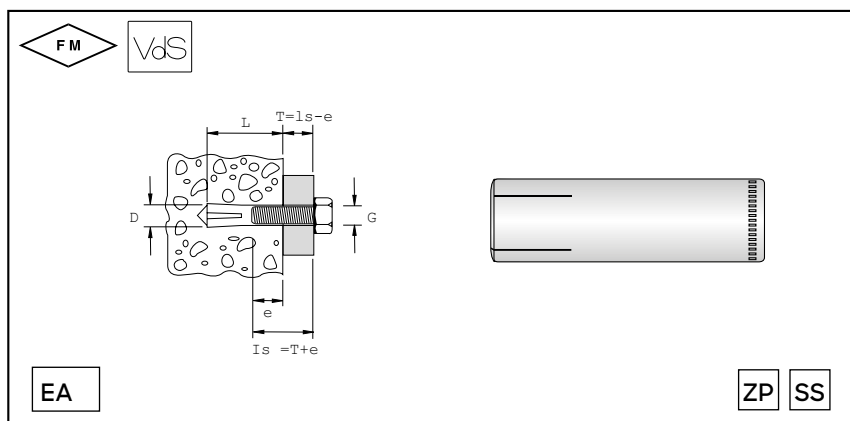
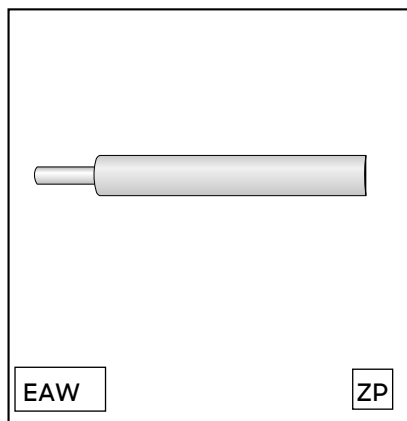
Part No.	Finish ZP	A	B	SW mm	L mm	
310810	-	M8	M10	13	21	50
310812	-	M8	M12	13	23	50
311008	-	M10	M8	13	23	50
311012	-	M10	M12	13	23	50
311016	-	M10	M16	19	32	50
311208	-	M12	M8	17	23	50
311210	-	M12	M10	17	25	50
311216	-	M12	M16	19	32	50
311610	-	M16	M10	24	32	50
311612	-	M16	M12	24	32	50

Threaded Rod & Studs

Part No. M6	Part No. M8	Part No. M10	Part No. M12	Part No. M16	ZP	Finish SS	HG
M6x1M	M8x1M	M10x1M	M12x1M	M16x1M	.	.	.
M6x2M	M8x2M	M10x2M	M12x2M	M16x2M	.	.	.
M6x3M	M8x3M	M10x3M	M12x3M	M16x3M	.	.	.



Non Drill Anchors

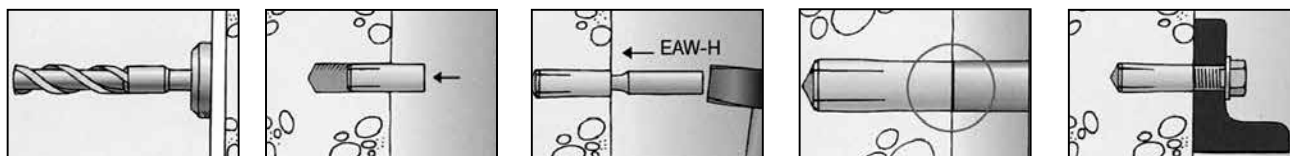


Part No.	Part No.
EAWH6	EAM6
EAWH8	EAM8
EAWH8x40	EAM8x40
EAWH10	EAM10
EAWH12	EAM12
EAWH16	EAM16
EAWH20	EAM20

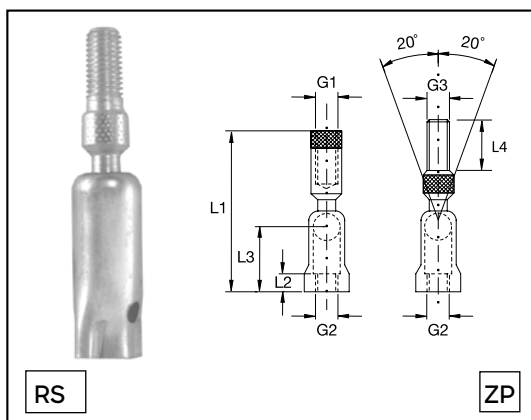
Part No.	Finish ZP	Class	D mm	L mm	 ø mm	G	e (mm)			Approval:	
							min	max			
EAM6	.	-	8	25	8	M6	6	11	100		
EAM8	.	1.8kN*	10	30	10	M8	8	13	100	VdS	
EAM8x40	.	3kN*	10	40	10	M8	8	13	50	VdS	FM
EAM10	.	3.6kN*	12	40	12	M10	10	17	50	VdS	FM
EAM12	.	5.7kN*	15	50	15	M12	12	18	25	VdS	FM
EAM16	.	7.4kN*	20	65	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)			Approval:	
							min	max			
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 (B=25 N/mm²)

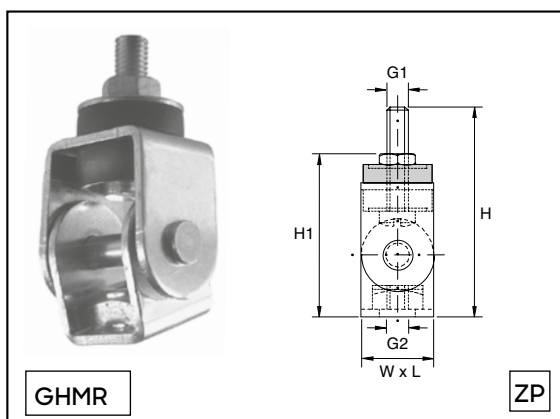


Rod Swivel



Part No.	Finish	G1	G2	G3	L1 mm	L2 mm	L3 mm	L4 mm	Fmax N	W	
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

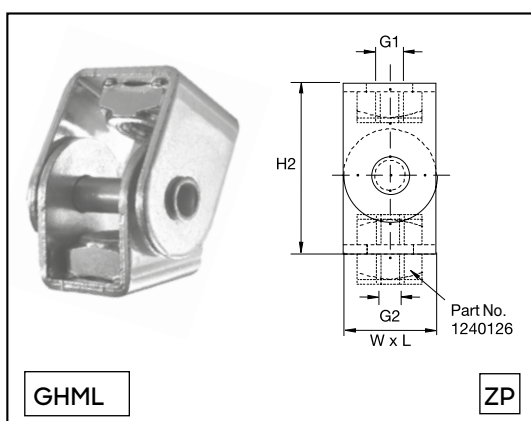
Adjustable Angle Fitting with Sound Insulation



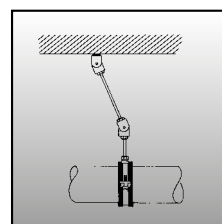
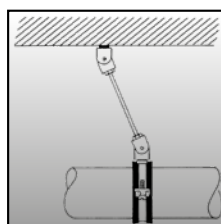
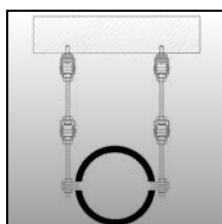
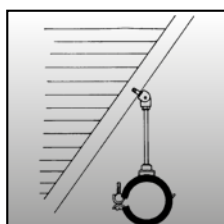
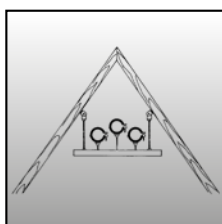
Part No.	Finish	G1	G2	H2 mm	W x L mm	H1 mm	H mm	Fmax kN	W	
124 08 86	·	M8	M8	45	36 x 25	60	70	5.7	.13	100
124 81 06	·	M8	M10	45	36 x 25	60	70	5.7	.13	100



Sound insulation value on average 22 dB (A)

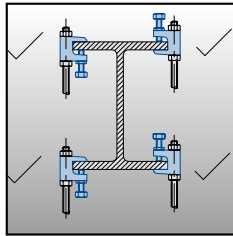


Part No.	Finish	G1	G2	H2 mm	W x L mm	90°	135°	180°	Fmax(kN)	W	
124 00 86	·	M8	M8	45	36 x 25	3.5	4.5	5.5	.11	100	
124 01 06	·	M10	M10	45	36 x 25	3.5	4.5	5.5	.11	100	
124 01 26	·	M12	M12	64	36 x 25	3.5	4.5	5.5	.12	100	

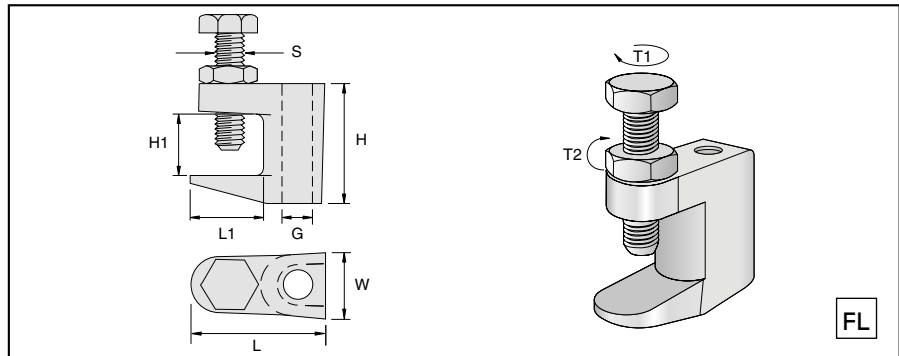
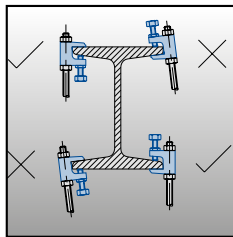


Beam Clamps

Beam Clamps

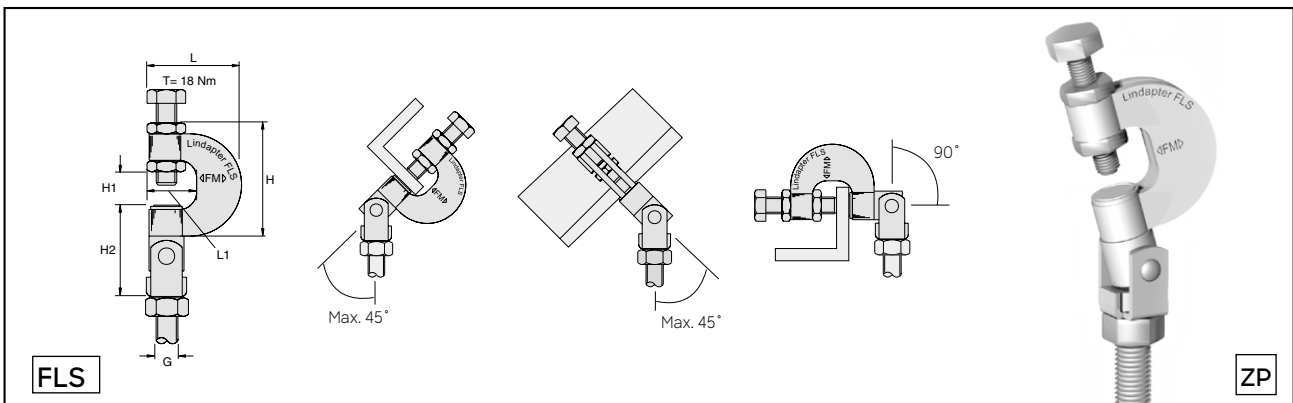


v = good
x = wrong

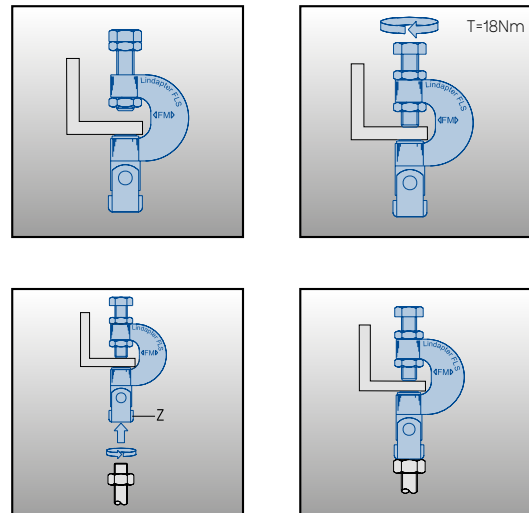
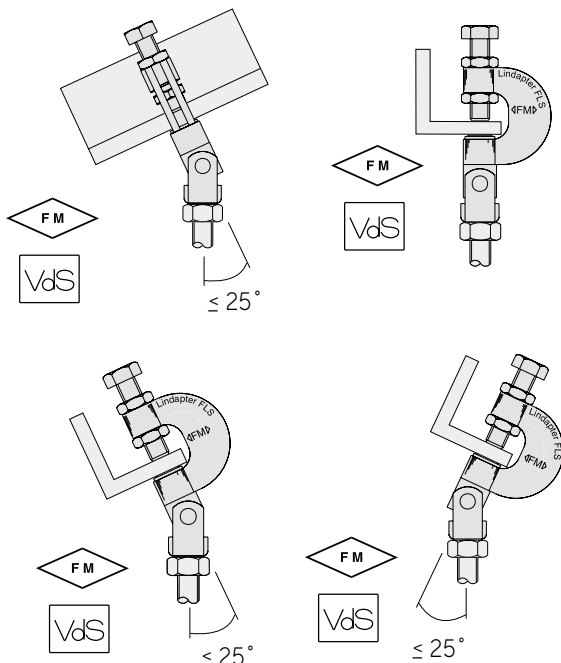


Part No.	Finish	Fmax kN	T1 Nm	T2 Nm	L mm	H mm	W mm	H1 mm	L1 mm	G mm	S mm	Approval:
FL16T	-	1.1	8	11	36	35	19	17	20	M6	8	50
FL18D	-	1.1	8	11	36	35	19	17	20	9	8	50
FL18T	-	1.1	8	11	36	35	19	17	20	M8	8	50
FL201D	-	2.4	8	22	45	40	22	19	22	11	10	50 FM
FL201T	-	2.4	8	22	45	40	22	19	22	M10	10	50 FM
F312D	-	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

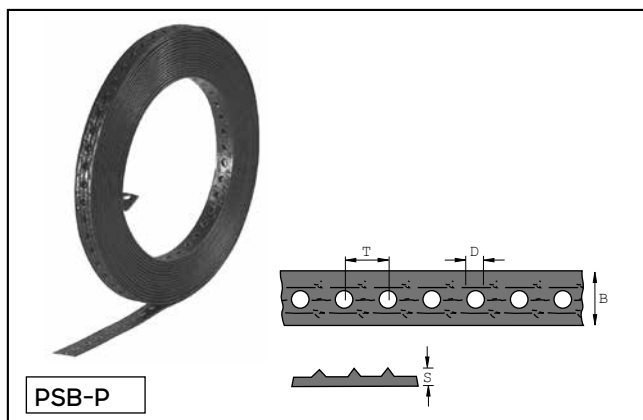
Articulated Beam Clamps



Part No.	Finish	G	Fmax kN	Fmax 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

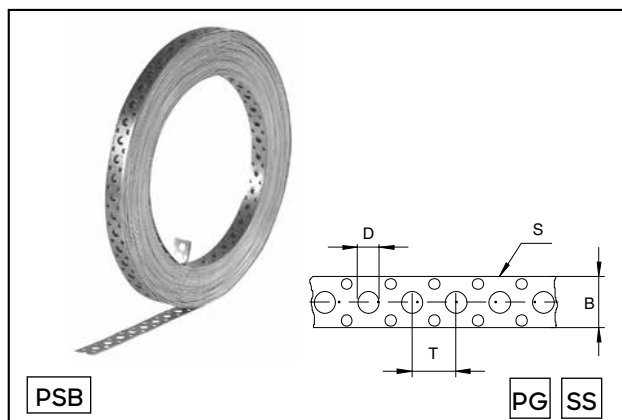


Perforated Steel Band, Plastic Coated



Part No.	B mm	D mm	T mm	S mm	F N	m/ m	W kg	
154 19 02	19	6.2	15	2.2	850	10	1.05	20
154 27 02	27	8.2	25	3.0	1500	10	1.99	16

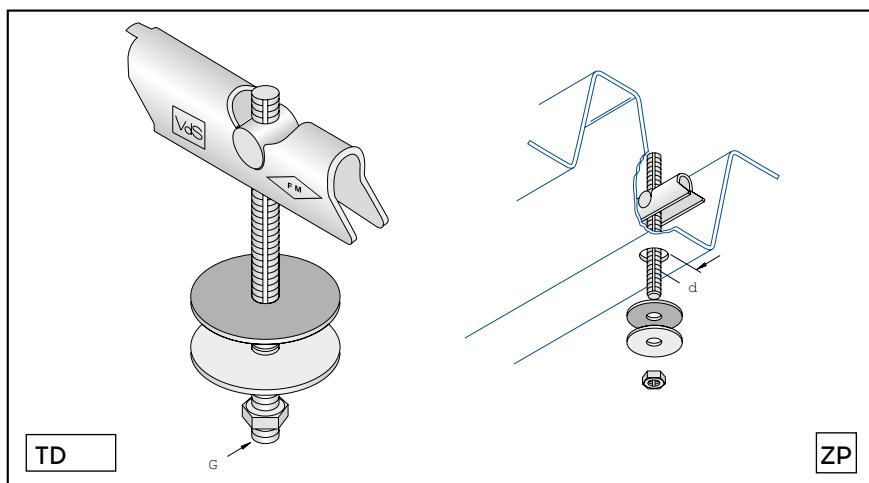
Perforated Steel Band



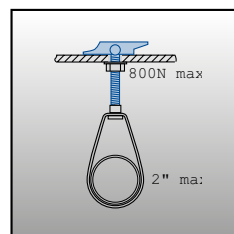
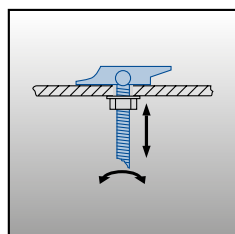
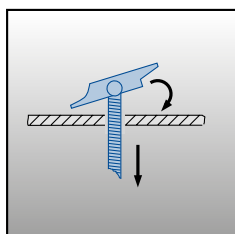
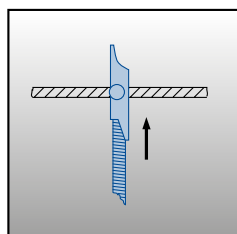
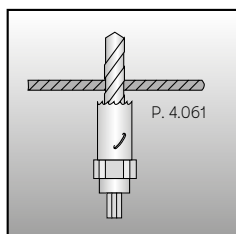
Part No.	Finish PG SS	B mm	D mm	T mm	S mm	F N	m/ m	W kg	
155 17 02	.	17	6.5	15	0.8	850	25	2.25	8
155 25 02	.	25	8.5	25	1.0	1500	10	1.66	16
135 17 02	.	17	6.5	15	0.8	850	10	0.60	10

Finish **SS**: stainless steel DIN 14016; ASTM 430; BS 430S17

Toggle Clamp for Hollow Ceilings

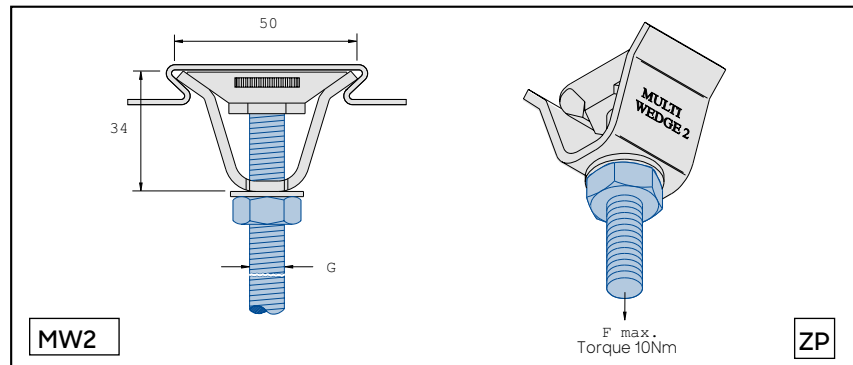
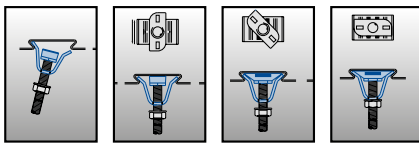
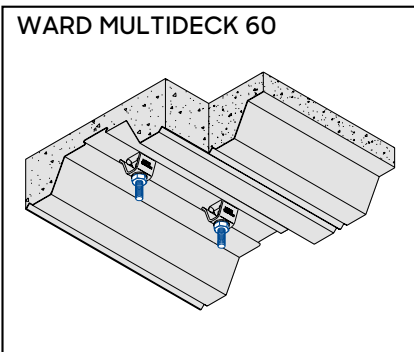


Part No.	G mm	Finish ZP	d mm	W kg		Approval
TDM6x85	M6x85	.	15	0.05	100	-
TDM8x100	M8x100	.	22	0.11	100	VdS
TDM8x200	M8x200	.	22	0.14	100	VdS
TDM8x300	M8x300	.	22	0.16	50	VdS
TDM8x500	M8x500	.	22	0.24	50	VdS
TDM10x100	M10x100	.	25	0.13	50	VdS FM
TDM10x200	M10x200	.	25	0.18	50	VdS FM

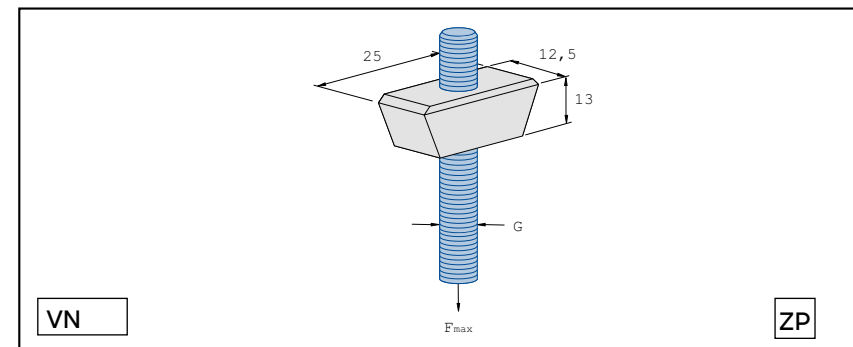
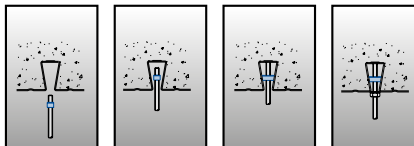
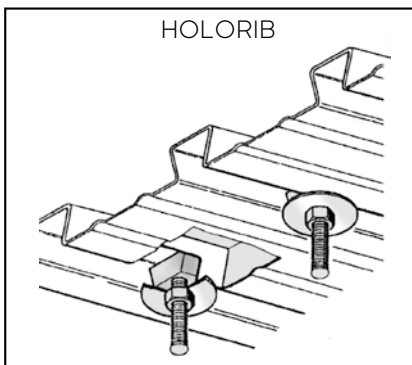


Fixings

Deck and Purlin Fixings



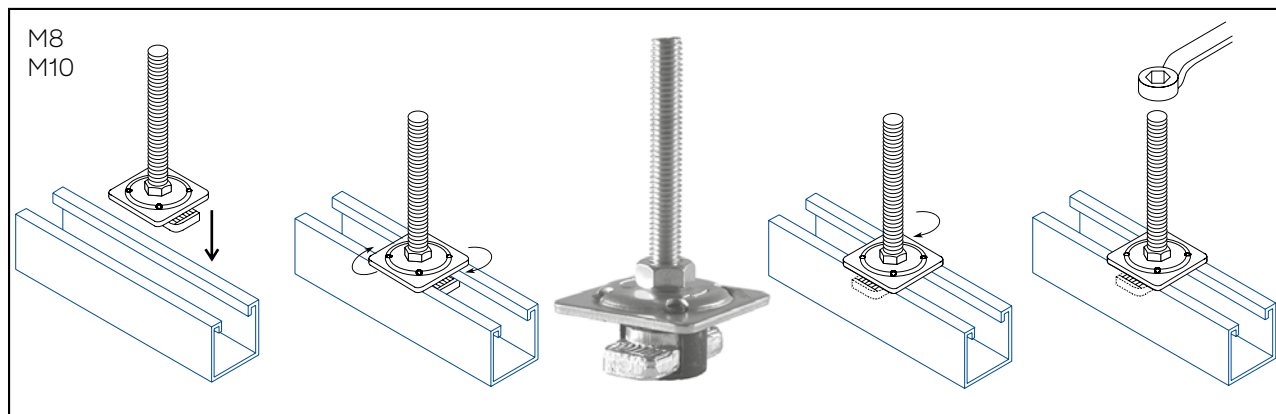
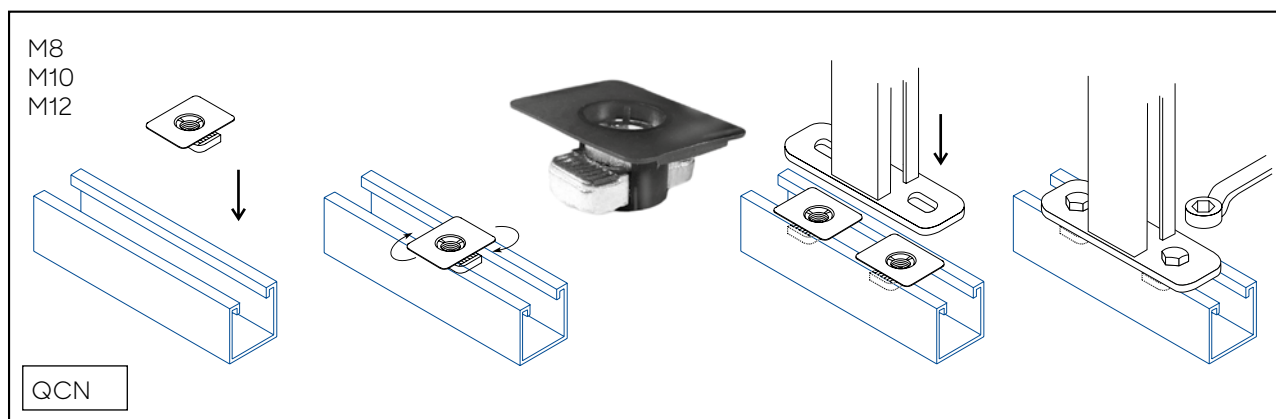
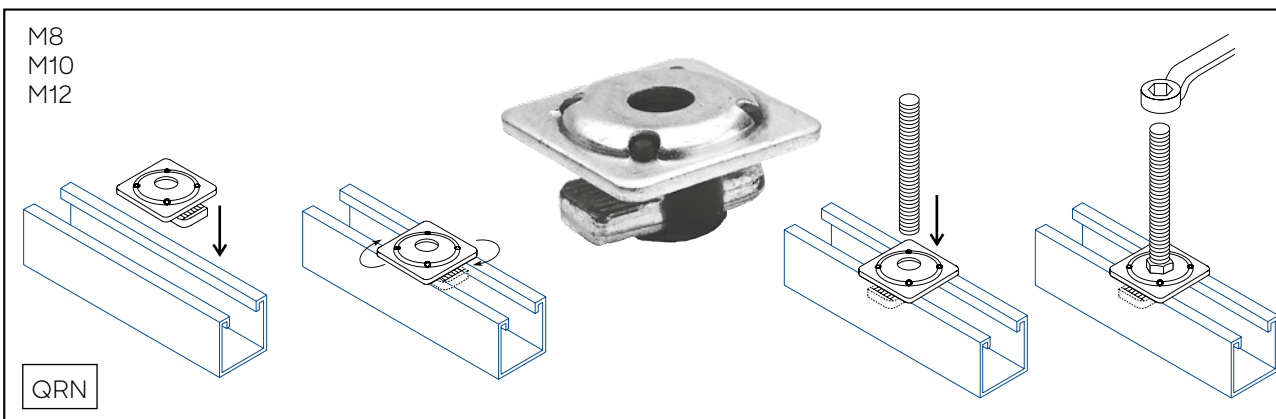
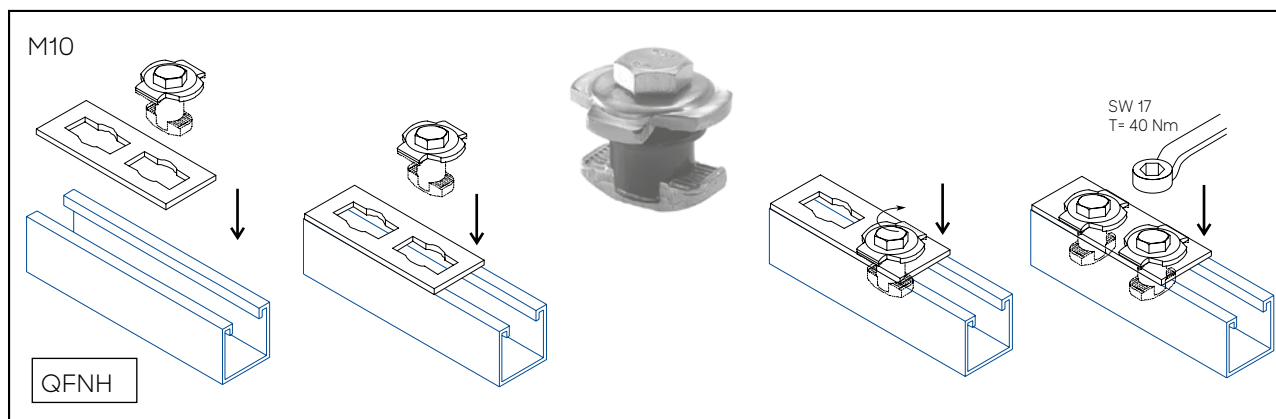
Part No.	Finish ZP	G	Fmax kN		
MW06	-	M6	1.47	0.10	50
MW08	-	M8	1.47	0.10	50
MW10	-	M10	1.47	0.10	50

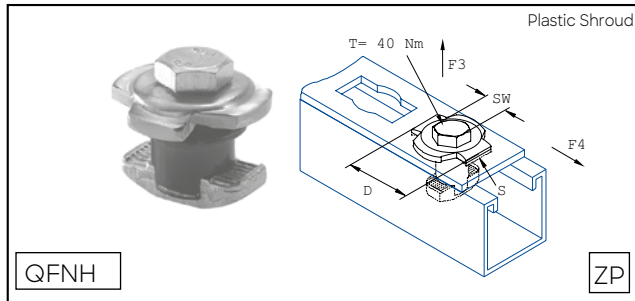


Part No.	Finish ZP	G	Fmax kN		
VN04	-	M4	0.86	0.02	500
VN05	-	M5	1.4	0.02	500
VN06	-	M6	1.8	0.02	500
VN08	-	M8	2.0	0.02	500
VN10	-	M10	2.1	0.02	500

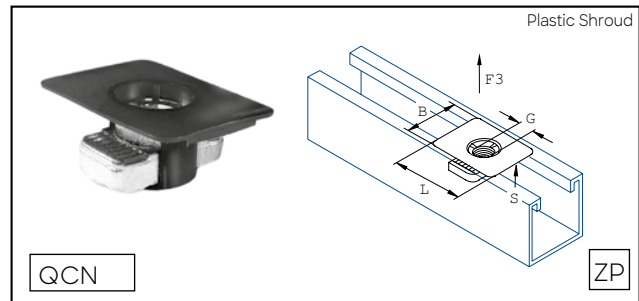
Loads quoted are subject to the strength of the supporting decking. Suitable for decking with a 15° tapered slot.

Installation Example

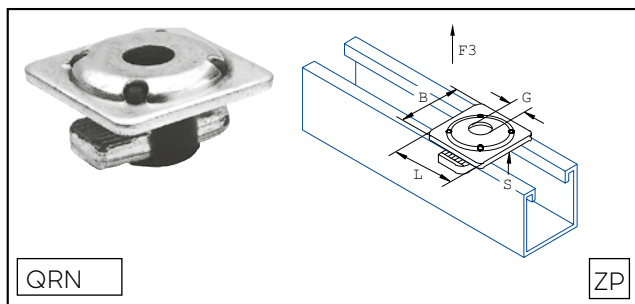




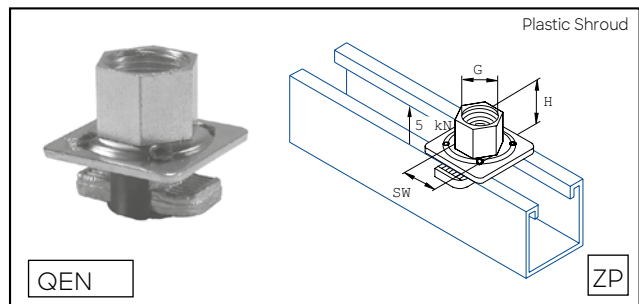
Part No. ZP	G	D mm	SW mm	S mm	T Nm	F3 kN	F4 kN		
1391011	M10	40	17	4	40	5	2.5	0.08	50



Part No. ZP	G	L mm	B mm	S mm	F3 kN		
139 06 31	M6	45	34	0.8	5	0.04	50
139 08 31	M8	45	34	0.8	5	0.03	50
139 10 31	M10	45	34	0.8	5	0.03	50
139 12 31	M12	45	34	0.8	5	0.03	50

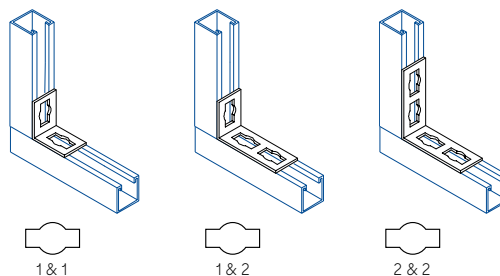


Part No. ZP	G	L mm	B mm	S mm	F3 kN		
139 08 21	M8	40	40	2.5	5	0.060	50
139 10 21	M10	40	40	2.5	5	0.058	50
139 12 21	M12	40	40	2.5	5	0.055	50



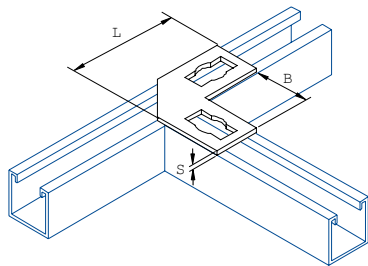
Part No. ZP	G	H mm	SW mm	F3 kN		
139 16 21	M16	26	22	5	0.10	50
139 22 26	1/2"	26	27	5	0.12	50

KWIKSTRUT FITTINGS



Available in multiple
configurations

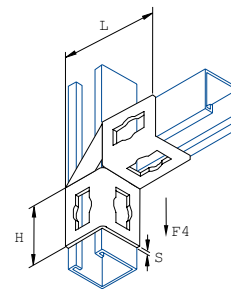
Angle Fittings



QFA

ZP

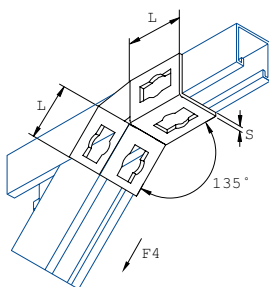
Part No. ZP		B mm	L mm	S mm		
139 01 25	1 & 1	52	92	4	0.13	25



QFAZ

ZP

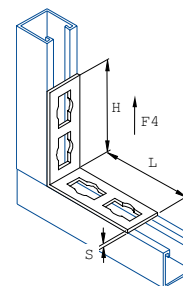
Part No. ZP		H mm	L mm	S mm	F4 kN		
139 90 55	2 & 2	58	103	4	2	0.24	10
139 90 65	4 & 4	106	150	4	3	0.42	10



QFA135

ZP

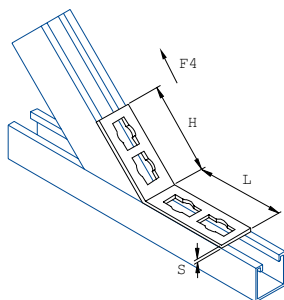
Part No. ZP		L mm	S mm	F4 kN		
139 35 55	2 & 2	56	4	2	0.25	10
139 35 65	4 & 4	103	4	3	0.39	10



QFFA

ZP

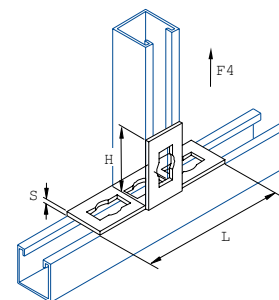
Part No. ZP		H mm	L mm	S mm	F4 kN		
139 90 25	1 & 1	65	65	4	2	0.11	25
139 90 35	1 & 2	110	65	4	2	0.15	25
139 90 45	2 & 2	110	110	4	3	0.18	25



QFFA135

ZP

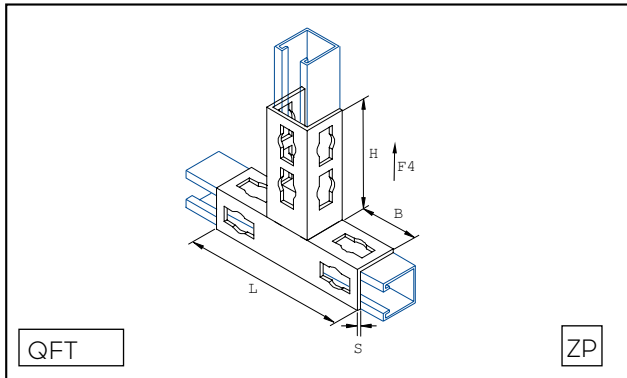
Part No. ZP		H mm	L mm	S mm	F4 kN		
139 35 35	1 & 2	110	65	4	2	0.14	25
139 35 45	2 & 2	110	110	4	3	0.18	25



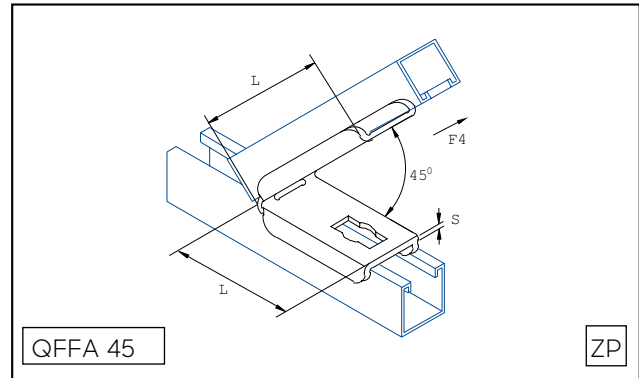
QFFT

ZP

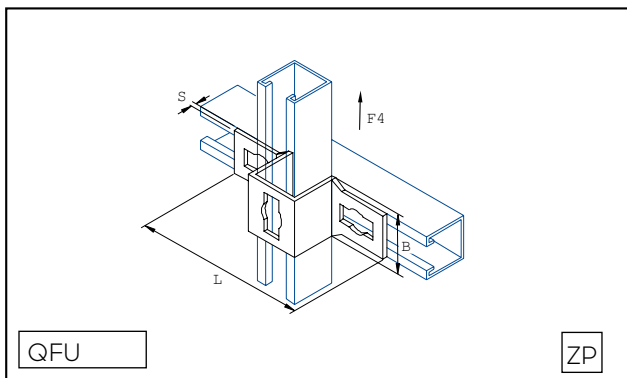
Part No. ZP		H mm	L mm	S mm	F4 kN		
139 01 15	1 & 3	66	150	4	2	0.19	25



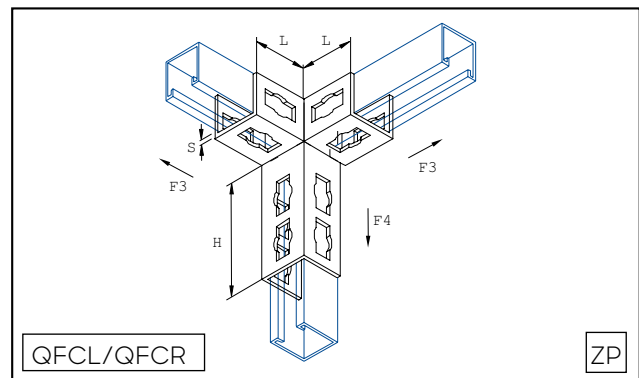
Part No. ZP		H mm	L mm	B mm	S mm	F4 kN		
139 41 18	6 & 4	108	175	63	4	3	0.69	25



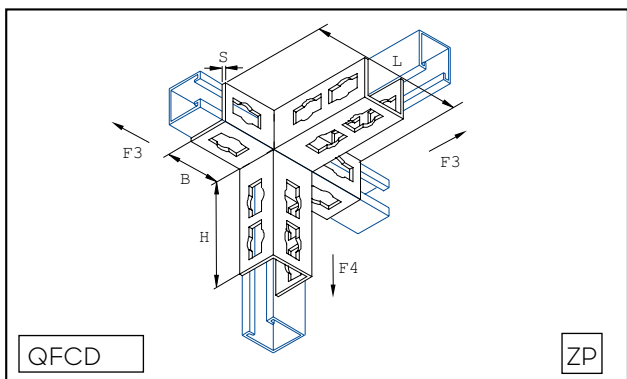
Part No. HG		L mm	S mm	F4 kN		
139 45 25	1 & 1	104	5	2	0.46	25



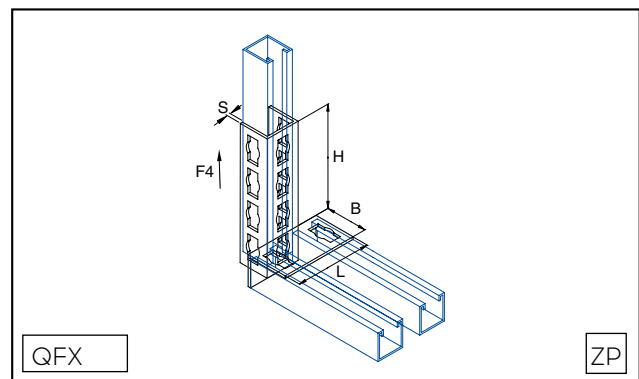
Part No. ZP		L mm	B mm	S mm	F4 kN		
139 41 38	2 & 1	162	52	4	2	0.29	25



Part No. ZP		H mm	L mm	S mm	F3 kN	F4 kN		
139 41 11	left	107	62	4	2	3	0.66	10
139 41 12	right	107	62	4	2	3	0.66	10

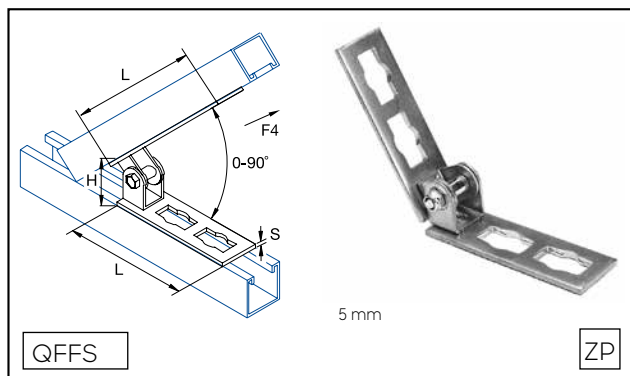


Part No. ZP		L mm	B mm	H mm	S mm	F3 kN	F4 kN		
139 41 78	6 & 3 & 4	175	62	108	4	2	3	1.10	10

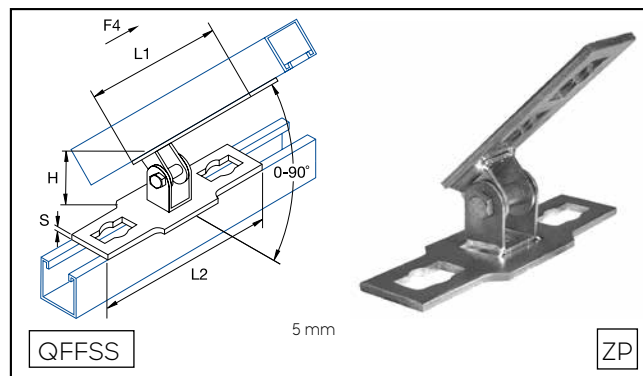


Part No. ZP		L mm	B mm	H mm	S mm	F4 kN		
139 13 92	11 & 1 & 1	107	60	150	4	4	1.10	10

Adjustable Angle Fittings

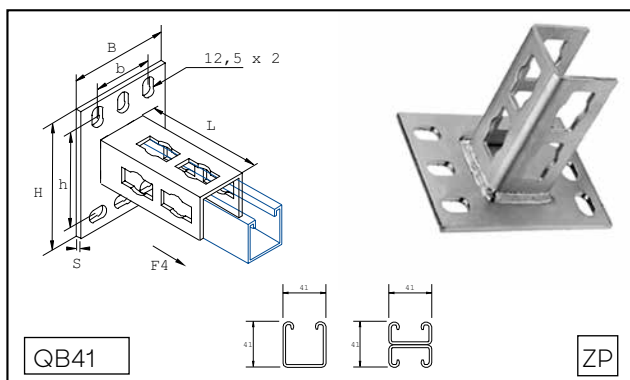


Part No. ZP		H mm	L mm	S mm	F4 kN		
139 0185	2 & 2	55	122	5	3	0.45	10

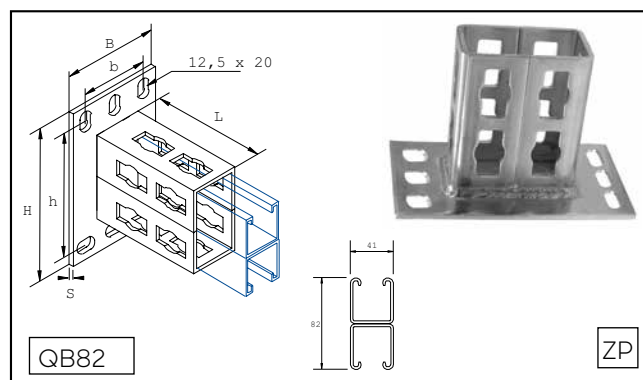


Part No. ZP		H mm	L1 mm	L2 mm	S mm	F4 kN	
139 0195	2 & 2	55	122	176	5	3	0.51

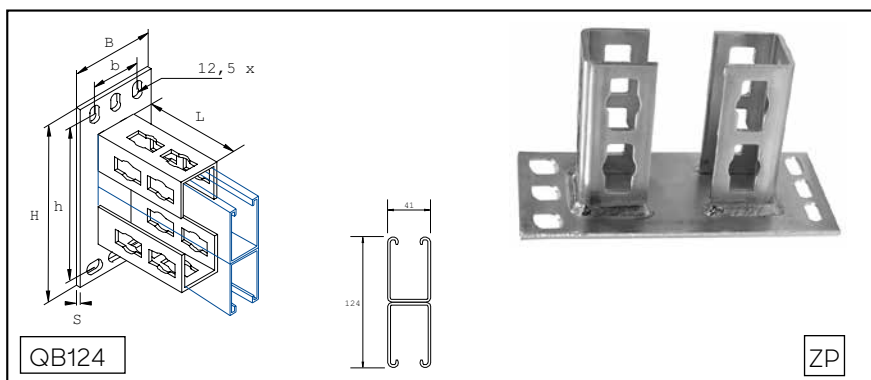
Channel Base Fittings



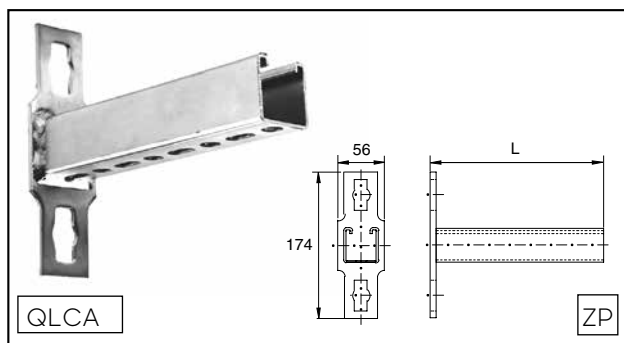
Part No. ZP		F4 N	b mm	h mm	H mm	B mm	L mm	S mm	
139 4158	6	3000	62	100	130	100	108	5	0.75



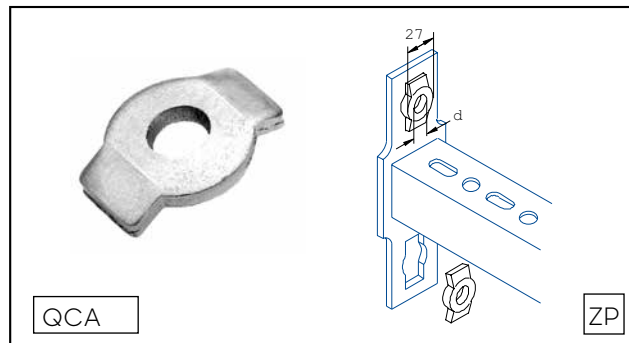
Part No. ZP		b mm	h mm	H mm	B mm	L mm	S mm	
139 4458	6 & 6	62	140	170	130	108	8	1.91



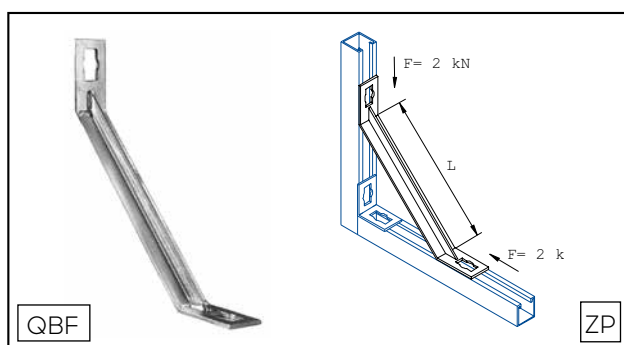
Part No. ZP		b mm	h mm	H mm	B mm	L mm	S mm	
139 6658	6 & 6	62	180	210	130	108	8	2.24



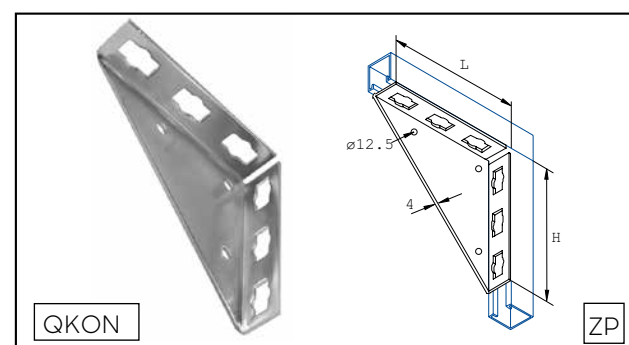
Part No. ZP	w	L mm					
139 66 58	0.75	200	2.37 kN	-	-	-	10
139 66 58	0.91	250	1.55 kN	0.98 kN	-	-	10
139 66 58	1.12	350	1.15 kN	0.68 kN	0.55 kN	-	10
139 66 58	1.40	450	0.92 kN	0.52 kN	0.40 kN	0.36 kN	10



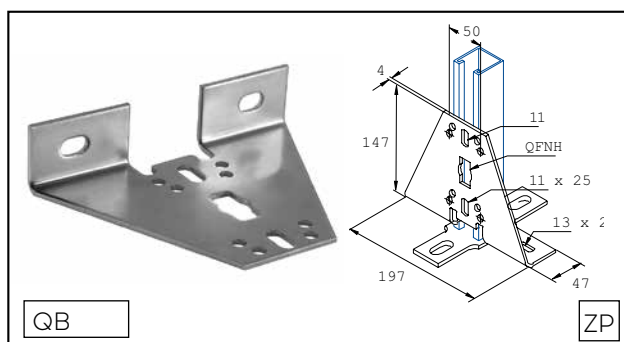
Part No. ZP	D mm	d mm	w	
139 08 65	27	8.5	.02	50
139 10 65	27	10.5	.02	50
139 12 65	27	12.5	.02	50



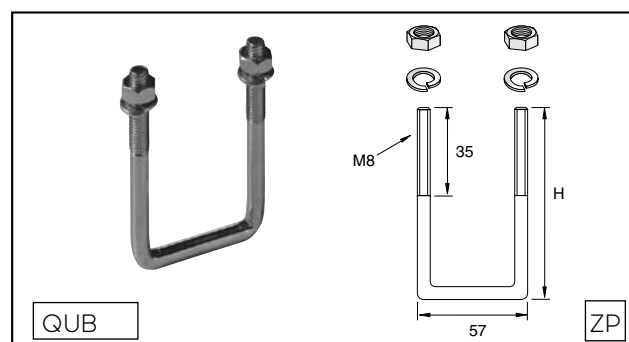
Part No. ZP	F kN	L mm	w	
139 30 07	2	300	0.62	10
139 40 07	2	400	0.81	10
139 50 07	2	500	1.03	10
139 60 07	2	600	1.24	10



Part No. ZP	H mm	L mm	w	
139 01 55	195	195	0.95	10
139 01 65	210	155	0.78	10



Part No. ZP	H mm	B mm	L mm	L1 mm	w	
139 13 91	147	47	197	50	0.72	10



Part No. ZP		H mm	w/100	
139 21 69	P3300 / P4000 (41 x 21)	65	6.4	20
139 41 69	P1000 / P2000 (41 x 41)	85	7.6	20
139 62 69	P5500 (41 x 62)	108	9.0	20

Cable Ladder

Unistrut's Cable Ladder Solution



CABLE LADDER CONTENTS

Contents	Page Number
About Unistrut Cable Ladders	Page 82
Standard Range	Page 85
Accessories	Page 97
NEW U11 PG Ladder	Page 104
Technical Information	Page 110
Fittings	Page 115

Key Features

Unistruts 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, Unistrut's welded steel cable ladder systems is the obvious choice. 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, 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.

Versatile system for heavy cabling

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



Tables & Keys

Material Finish (Straights and Fittings)

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

Icon Key - Features



Inc
Fittings



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



U10 - Medium duty

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

Available in 3 or 6m lengths with widths from 100 to 1000mm, in [HG] hot-dip galvanised and [SS] stainless steel finishes.

Typical loading on with a 3m support span of approx 235kg/m.



U 12 - 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.



U 15 - 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 Extreme 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.

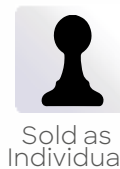
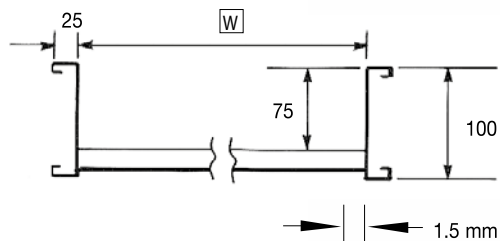
Typical loading on with a 3m support span of approx 449kg/m.

U10 - Medium Duty

L3 and L6 Cable Ladder

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

Available in 3 or 6m lengths with widths from 100 to 1000mm.



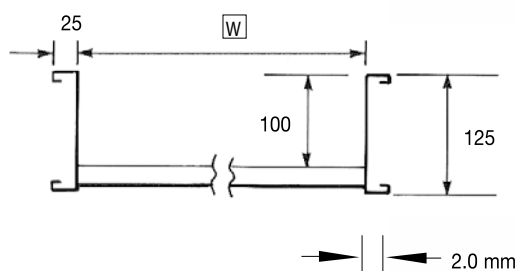
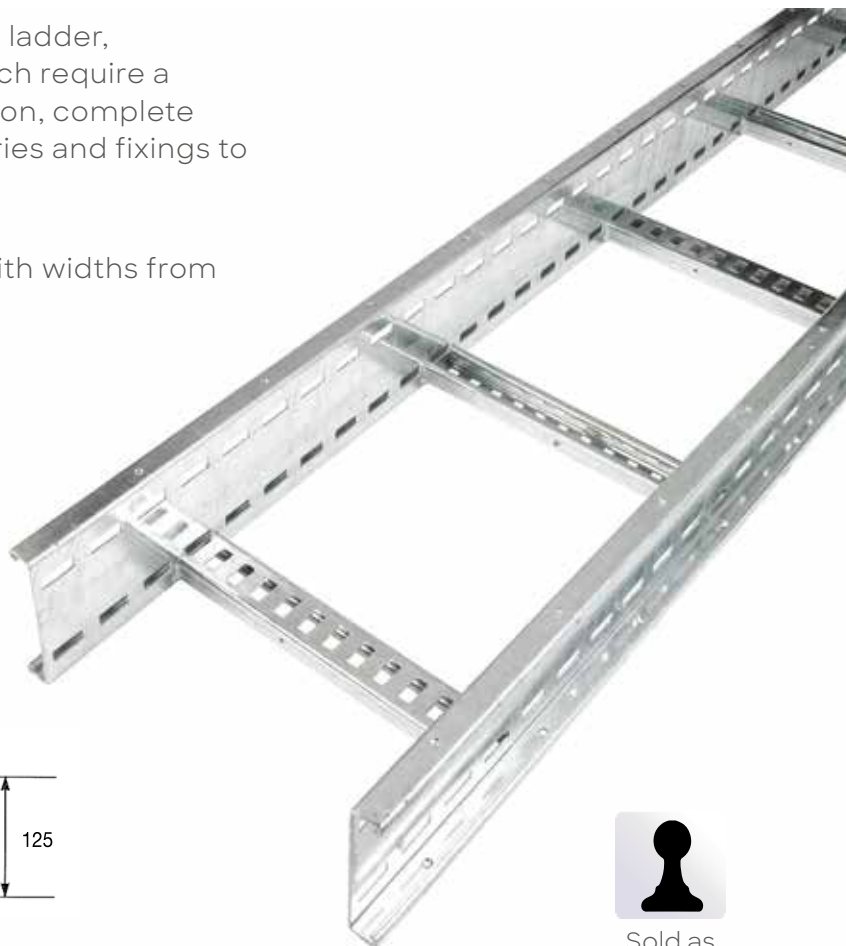
Size (W) mm	U10 L3 (3 metre Length)			U10 L6 (6 metre Length)		
	Product Code		Weight	Product Code		Weight
	HG	SS	kg	HG	SS	kg
100	U10L3100H	U10L3100S	13.2	U10L6100H	U10L6100S	26.53
150	U10L3150H	U10L3150S	13.8	U10L6150H	U10L6150S	27.67
200	U10L3200H	U10L3200S	14.4	U10L6200H	U10L6200S	28.81
300	U10L3300H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

U12 - Heavy Duty

L3 and L6 Cable Ladder

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.



Sold as Individual

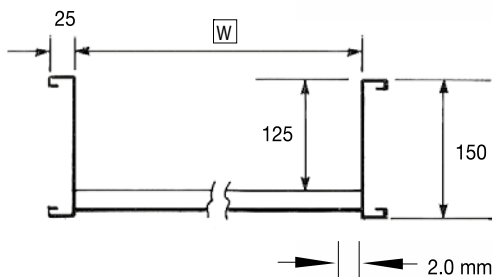
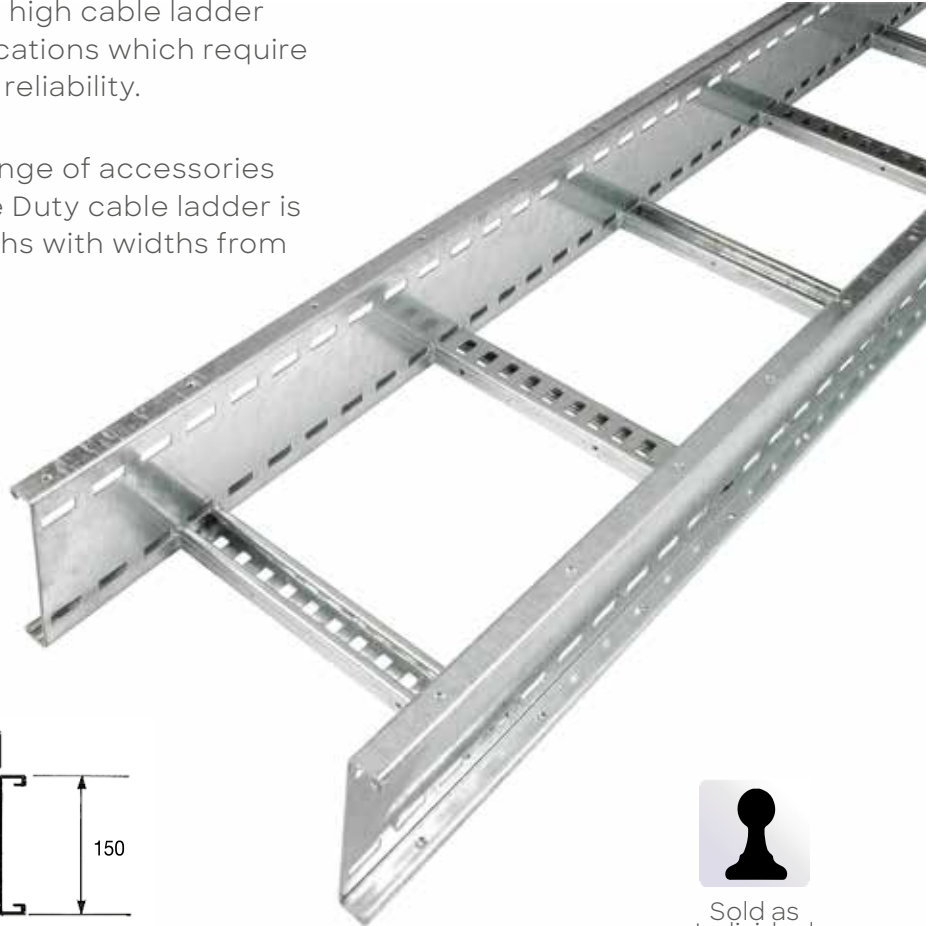
Size (W) mm	U12 L3 (3 metre Length)			U12 L6 (6 metre Length)		
	Product Code		Weight	Product Code		Weight
	HG	SS	kg	HG	SS	kg
100	U12L3100H	U12L3100S	18.89	U12L6100H	U12L6100S	38.22
150	U12L3150H	U12L3150S	19.68	U12L6150H	U12L6150S	39.37
200	U12L3200H	U12L3200S	20.25	U12L6200H	U12L6200S	40.51
300	U12L3300H	U12L3300S	21.40	U12L6300H	U12L6300S	42.80
400	U12L3400H	U12L3400S	22.54	U12L6400H	U12L6400S	44.54
450	U12L3450H	U12L3450S	23.11	U12L6450H	U12L6450S	46.23
500	U12L3500H	U12L3500S	23.69	U12L6500H	U12L6500S	47.38
600	U12L3600H	U12L3600S	24.83	U12L6600H	U12L6600S	49.66
700	U12L3700H	U12L3700S	27.97	U12L6700H	U12L6700S	55.95
750	U12L3750H	U12L3750S	28.69	U12L6750H	U12L6750S	57.28
800	U12L3800H	U12L3800S	29.40	U12L6800H	U12L6800S	58.81
900	U12L3900H	U12L3900S	30.83	U12L6900H	U12L6900S	61.67
1000	U12L31000H	U12L31000S	32.26	U12L61000H	U12L61000S	64.53
1200	U12L31200H	U12L31200S	34.80	U12L61200H	U12L61200S	67.21

U15 - Extra Heavy Duty

L3 and L6 Cable Ladder

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 Extreme Duty cable ladder is supplied in 3 or 6m lengths with widths from 100 to 1000mm.



Sold as Individual

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



U10 Flat Bends - 45°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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 Flat Bends - 45°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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
1200	U12FB120/45/30H	U12FB120/45/30S	

U15 Flat Bends - 45°

Size (W) mm	Part No.		Weight kg
	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



Sold as
Individual

Different Radius* Available Upon Request

Flat Bend 90°



U10 Flat Bends - 90°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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 Flat Bends - 90°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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
1200	U12FB120/90/30H	U12FB120/90/30S	17.6

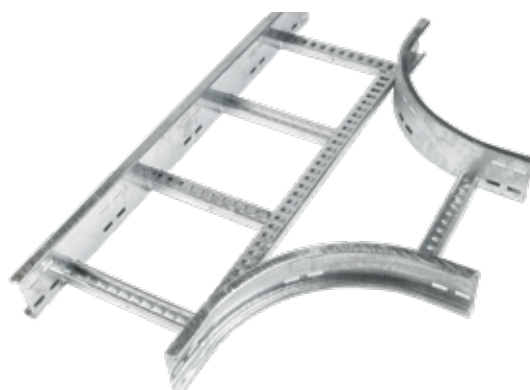
U15 Flat Bends - 90°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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



Sold as
Individual

Different Radius* Available Upon Request



U10 Tee

Size (W) mm	Part No.		Weight kg
	HG	SS	
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	

U12 Tee

Size (W) mm	Part No.		Weight kg
	HG	SS	
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	
1200	U12ET120/120/30H	U12ET120/120/30S	

U15 Tee

Size (W) mm	Part No.		Weight kg
	HG	SS	
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.
900	U15ET90/90/30H	U15ET90/90/30S	20
1000	U15ET100/100/30H	U15ET100/100/30S	

Unequal Tee's available upon request



Sold as
Individual

Cross



U10 Cross

Size (W) mm	Part No.		Weight kg
	HG	SS	
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	20.91
1000	U10EC100/100/30H	U10EC100/100/30S	

U12 Cross

Size (W) mm	Part No.		Weight kg
	HG	SS	
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	19.7
750	U12EC75/75/30H	U12EC75/75/30S	20.4
800	U12EC80/80/30H	U12EC80/80/30S	21.2
900	U12EC90/90/30H	U12EC90/90/30S	22.7
1000	U12EC100/100/30H	U12EC100/100/30S	
1200	U12EC120/120/30H	U12EC120/120/30S	

U15 Cross

Size (W) mm	Part No.		Weight kg
	HG	SS	
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	20.7
750	U15EC75/75/30H	U15EC75/75/30S	21.4
800	U15EC80/80/30H	U15EC80/80/30S	22.2
900	U15EC90/90/30H	U15EC90/90/30S	23.7
1000	U15EC100/100/30H	U15EC100/100/30S	

Different Radius* Available Upon Request



Sold as
Individual



U10 Outside Riser - 45°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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 Outside Riser - 45°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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
1200	U12OR120/45/30H	U12OR120/45/30S	

U15 Outside Riser - 45°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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

Outside Riser 90°



U10 Outside Riser - 90°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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 Outside Riser - 90°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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
1200	U12OR120/90/30H	U12OR120/90/30S	

U15 Outside Riser - 90°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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



U10 Inside Riser - 45°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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 Inside Riser - 45°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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
1200	U12IR120/45/30H	U12IR120/45/30S	

U15 Inside Riser - 45°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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

Inside Riser 90°



U10 Inside Riser - 90°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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 Inside Riser - 90°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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
1200	U12IR120/90/30H	U12IR120/90/30S	

U15 Inside Riser - 90°

Size (W) mm	Part No.		Weight kg
	HG	SS	
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

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

Variants are :

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

Choose the Reducer Variant

Left hand = LR
Right hand = RR
Straight = 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

and the End (reduced) width

U10

U10 SR

U10 SR 80



Sold as Individual

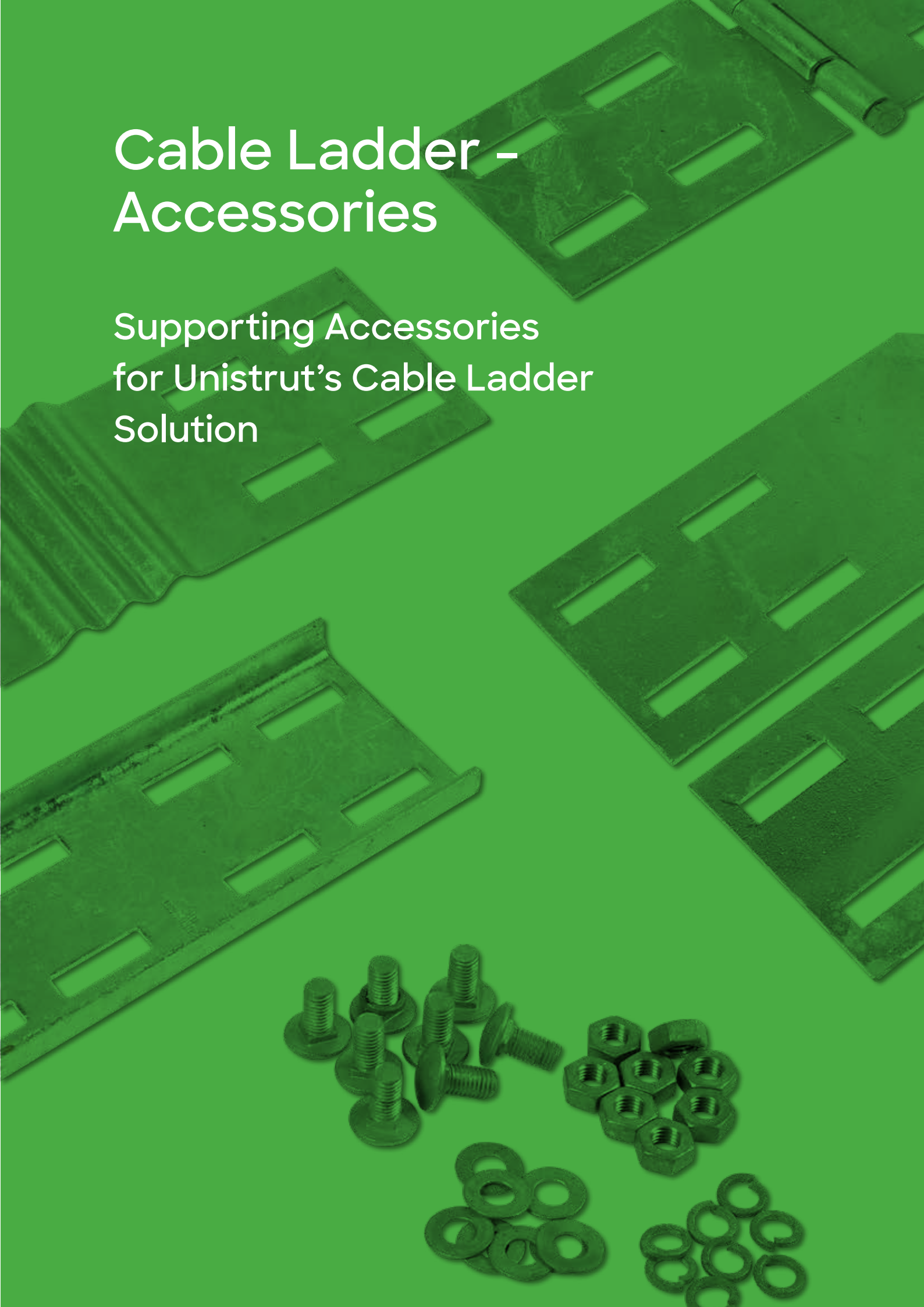
U10 SR 80 / 40

Gives you a U10 Straight Reducer of 800mm down to 400mm

Contact our Sales Team on 0121 580 6300 if you run into any difficulties

Cable Ladder – Accessories

Supporting Accessories
for Unistrut's Cable Ladder
Solution



Straight Splice



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



Incl Fixings



Sold as Pair

Verticle Splice



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



Incl Fixings



Sold as Pair

Horizontal Splice



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



Incl Fixings



Sold as Pair

Thermal Expansion Coupler



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



Incl Fixings

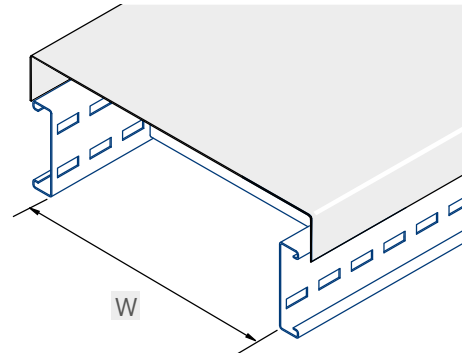


Sold as Pair

Covers - U10, U12 & U15

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

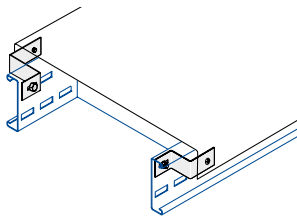


A cover for every fitting

We have custom fit covers for our entire range of lengths and fittings and can provide custom sizes if required for unique jobs.

These are available upon demand - please contact our sales department for further information.

Cover Clip

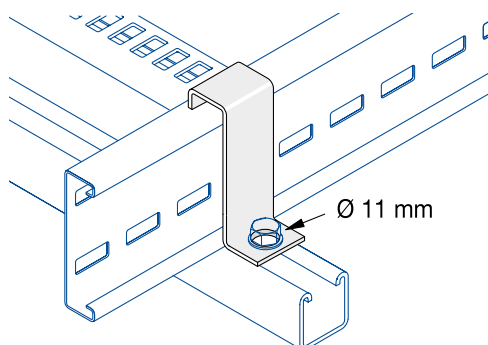


Length 1.5m - Use 4 Cover Fixings
Length 3.0m - Use 6 Cover Fixings

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

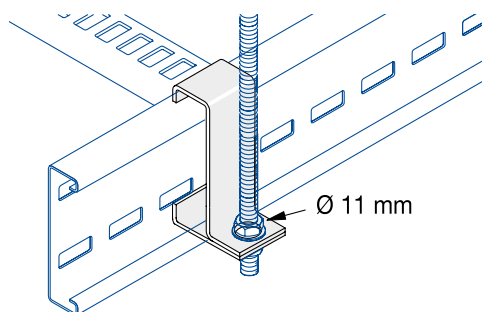
Cover clip can be orientated to achieve closed or ventilated cover

H/D Bracket



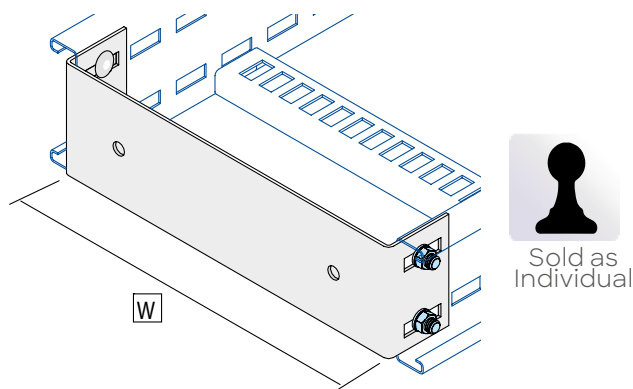
Type	Part No.	
	HG	SS
U10 / HDB	U10/HDB/H	U10/HDB/S
U12 / HDB	U12/HDB/H	U12/HDB/S
U15 / HDB	U15/HDB/H	U15/HDB/S

Suspension Clip



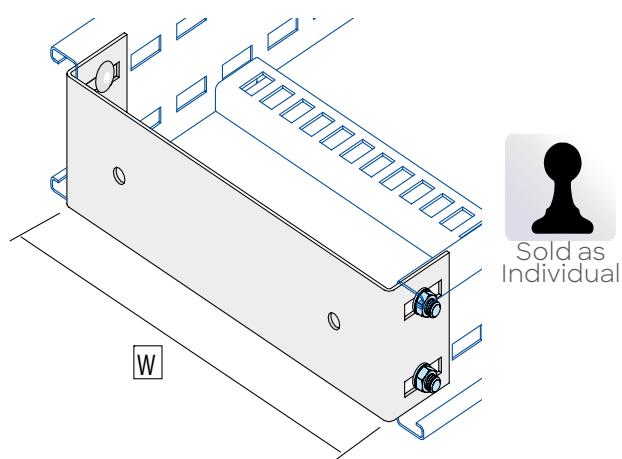
Type	Part No.	
	HG	SS
U10 / SC	U10/SC/H	U10/SC/S
U12 / SC	U12/SC/H	U12/SC/S
U15 / SC	U15/SC/H	U15/SC/S

Stop End - U10



Size (W) mm	Part No.	
	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

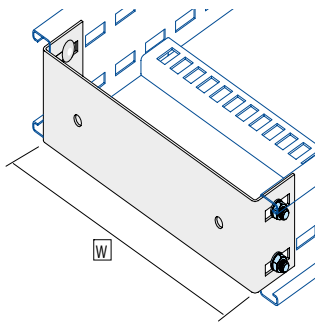
Stop End - U12



Size (W) mm	Part No.	
	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

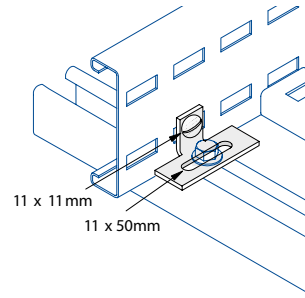
Stop End - U15



Sold as
Individual

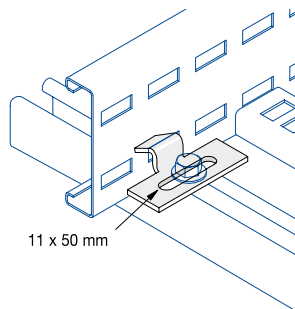
Size (W) mm	Part No.	
	HG	SS
150	U15/SE150/H	U15/SE150/S
300	U15/SE300/H	U15/SE300/S
450	U15/SE450/H	U15/SE450/S
600	U15/SE600/H	U15/SE600/S
750	U15/SE750/H	U15/SE750/S
900	U15/SE900/H	U15/SE900/S

Hold Down Bracket



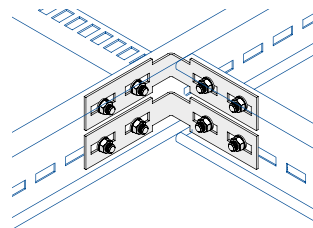
Type	Part No.	
	HG	SS
U10/HDB	U/CLAMP/H	U/CLAMP/S

Hold Down Clip



Type	Part No.	
	HG	SS
U/CLIP	U/CLIP/H	U/CLIP/S

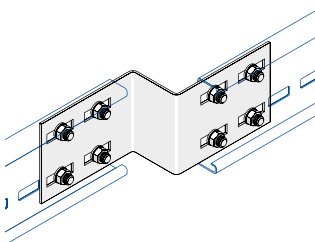
Tee Bracket



incl.
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

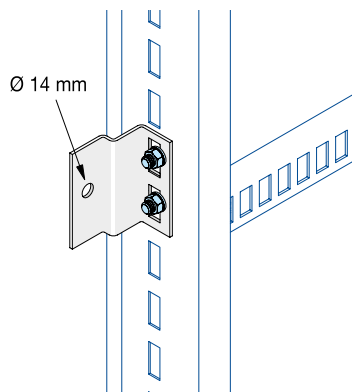
Reducing Splice Plate



incl.
Inc Fitments

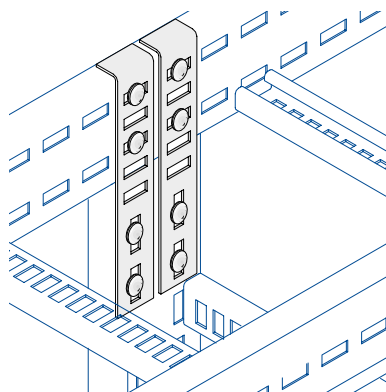
Type	Part No.	
	HG	SS
U/RSP	U/RSP/HG	U/RSP/SS

Wall Bracket



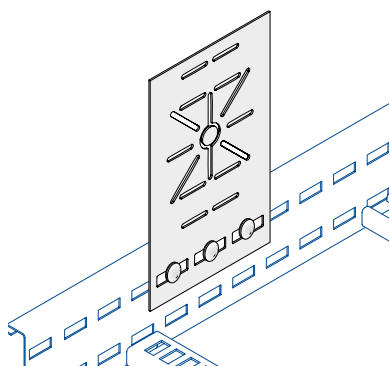
Part No.	Finish
U/WCH	Stainless Steel or Hot Galvanised S or H

Rail to Rail Dropper



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

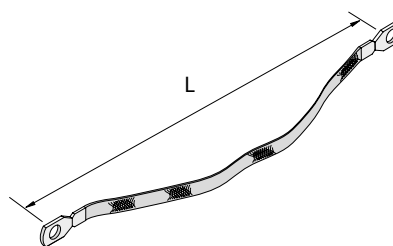
Mounting Plate



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

Earth Strap

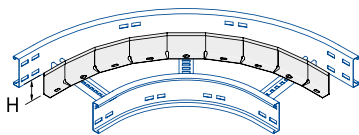
Tinned Copper Braid
M10 Hole Size



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

Accessories

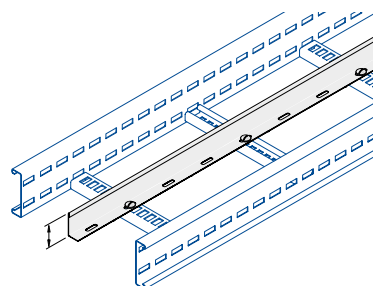
Curved Divider



Incl. Fitments

Part No.	Height mm	Finish
U/CUR30	30mm	S or H
U/CUR70	70mm	H

Straight Divider

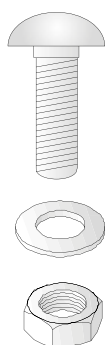


Incl. Fitments

Part No.	Height mm	Finish
U/DIV30	30mm	S or H
U/DIV70	70mm	S or H

Cable Ladder

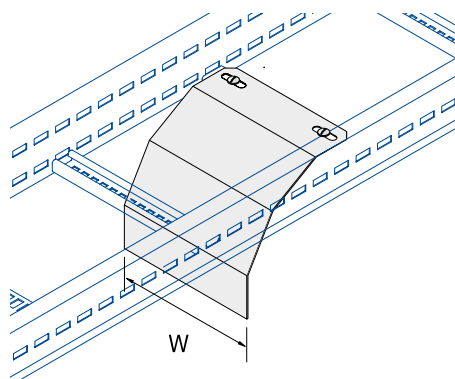
Ladder Fixing Set



Part No.	Finish Stainless Steel or Hot Galvanised
U/FIX16M10	S or H

Pack of 16 (nuts, bolts and washers)

Cable Drop Out

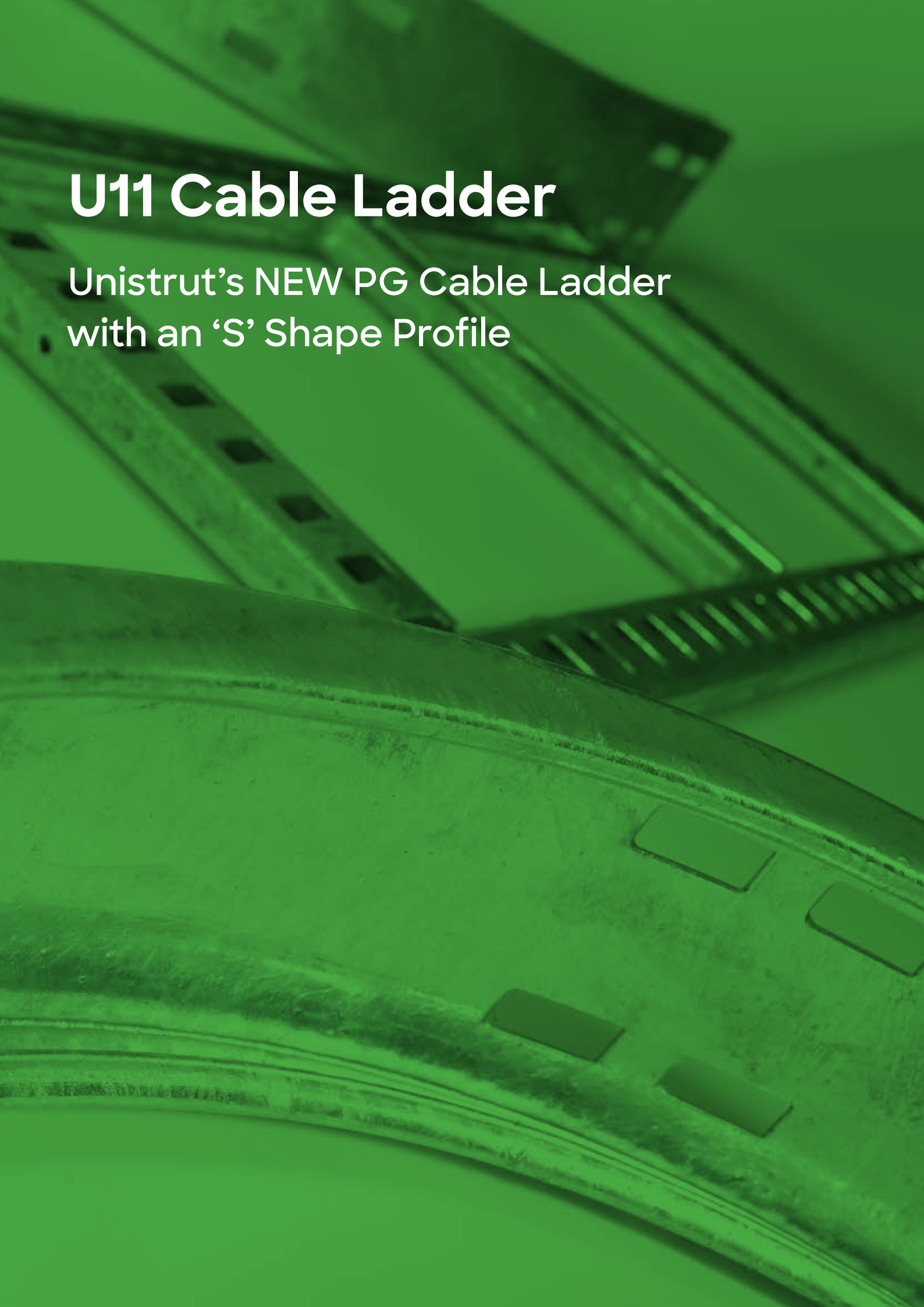


Incl. Fitments

Part No.	Size (W) mm	Finish
U/DO/150	145mm	S or H
U/DO/200	195mm	S or H
U/DO/300	295mm	S or H

U11 Cable Ladder

Unistrut's NEW PG Cable Ladder
with an 'S' Shape Profile



U11 Pre-Galvansised Ladder

U11 Cable Ladder

The 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) mm	U11 Ladder Straights PG	Weight (kg)
200	U11L3200	3.699
300	U11L3300	3.937
400	U11L3400	4.174
450	U11L3450	-
500	U11L3500	4.412
600	U11L3600	-
750	U11L3750	-
900	U11L3900	-



U11 Cable Ladder

U11FB – Flat Bend 90°

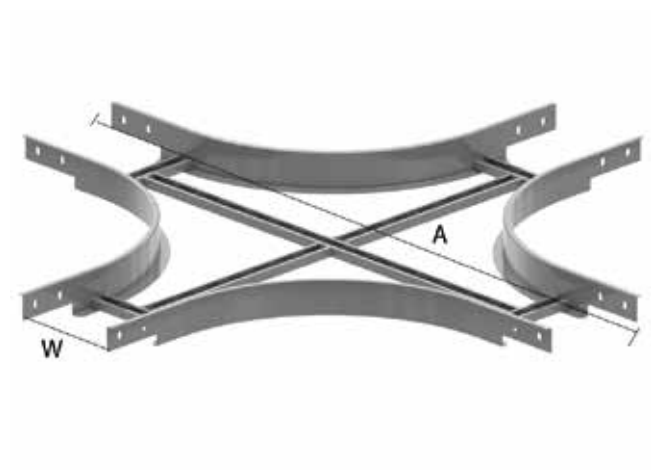


Size (W) mm	U11 Flat Bend – 90°	
	PG	Weight (kg)
200	U10FB20/90/30	2.826
300	U10FB30/90/30	3.384
400	U10FB40/90/30	3.94
450	U10FB45/90/30	-
500	U10FB50/90/30	4.498
600	U11FB60/90/30	5.055
750	U11FB75/90/30	-
900	U11FB90/90/30	-

U11 45° Flat Bends are available upon request

U11X – Cross Over

Size (W) mm	U11 Cross Over	
	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	-
500	U11EC50/50/30	6.893
600	U11EC60/60/30	7.346
750	U11EC75/75/30	-
900	U11EC90/90/30	-



U11 Cable Ladder

U11IR - Inside Riser

Size (W) mm	U11 Inside Riser	
	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	-
500	U11IR50/90/30	3.36
600	U11IR60/90/30	3.561
750	U11IR75/90/30	-
900	U11IR90/90/30	-

U11 45° Inside Risers are available upon request

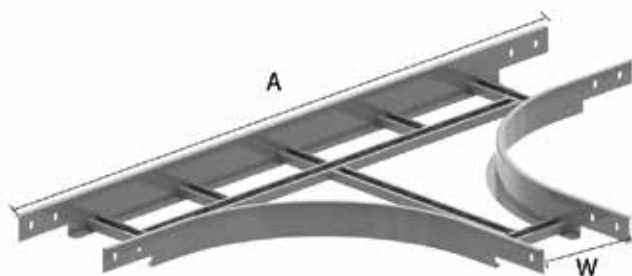


U11OR - Outside Riser

Size (W) mm	U11 Outside Riser	
	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	-
500	U11OR50/90/30	3.36
600	U11OR60/90/30	3.561
750	U11OR75/90/30	-
900	U11OR90/90/30	-



U11ET - Tee



Size (W) mm	U11 Tee	
	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	-
500	U11ET50/50/30	5.775
600	U11ET60/60/30	6.26
750	U11ET75/75/30	-
900	U11ET90/90/30	-

U11 Cable Ladder

U11/SP - Straight Coupler



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

U11/VSP - Verticle Coupler



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

U11/RED - Reducing Plate



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

U11/HSP - Horizontal Coupler



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

Cable Ladder – Technical Data

Technical information for Unistrut's
Cable Ladder System

Materials & Finishes

Hot-Dip Galvanized [HG]

Cable trays, brackets, cantilever arms and fittings can be hot-dip galvanized in accordance with BS EN ISO1461:2009 and chromate d.

The minimum average Zinc Coating is as follows:

Cold Rolled From 1.5mm Steel – 55 microns

2.5mm Steel – 55 microns

Fittings spun galvanized – 45 microns

· Mild Steel – BS EN 10149-3 grade S280 – min.yield 280 n/mm² – UTS 370 n/mm²

Deep Hot Dip Galvanised

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

Stainless Steel [SS]

· Stainless Steel 1.4301 (304)

· 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

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

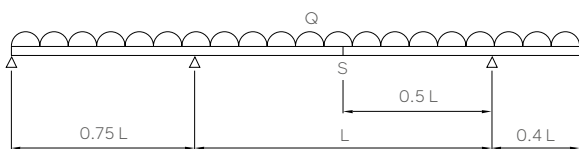
Width mm	Useful cross section (cm ²)
100	100
150	150
200	200
300	300
400	400
450	450
500	500
600	600
750	750
800	800
900	900
1000	1000

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

Pickle & Passivate is available upon request – Please state when ordering

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

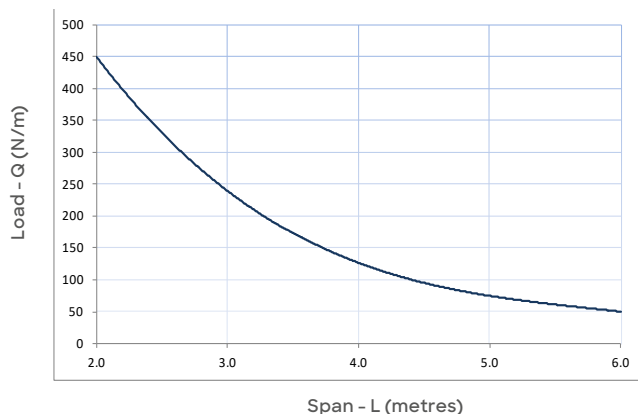
Unistrut's load testing is in accordance with CEI/IEC 61537:2001. In practical terms this covers continuous/multi span installations, evenly loaded along the length of, and across the full width of the ladder. The end spans in these installations should be reduced to 0.75 of the intermediate spans.

Deflection: 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.

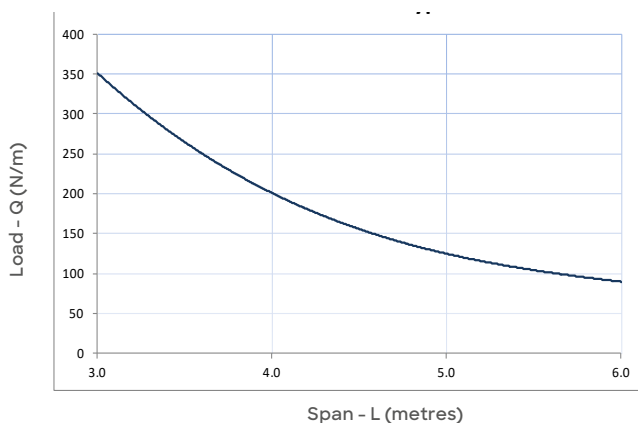
Accessories: To ensure adequate support, accessories should be supported locally.

Couplers: The loading and deflection tables for 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.

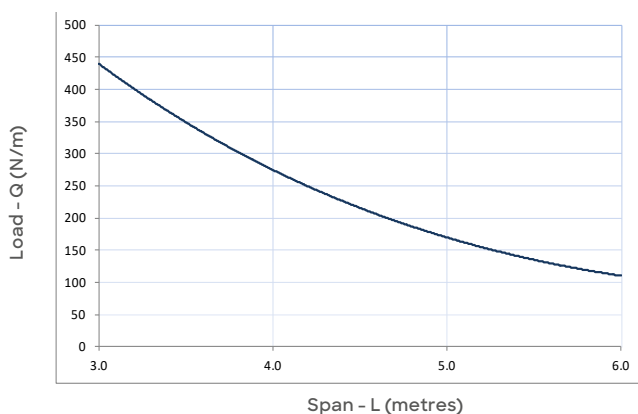
Unistrut Ladder - Type U10



Unistrut Ladder - Type U12



Unistrut Ladder - Type U15

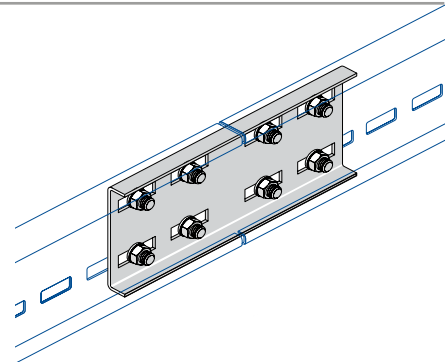


Couplers

SP Coupler (Straight Splice)

2x Straight Splices with fasteners included

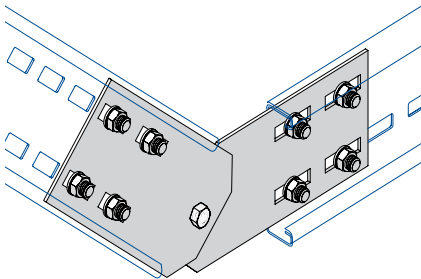
For use in joining flat sections (straights and curves)



VSP Coupler (Verticle Splice)

2x Vertical Splices with fittings included

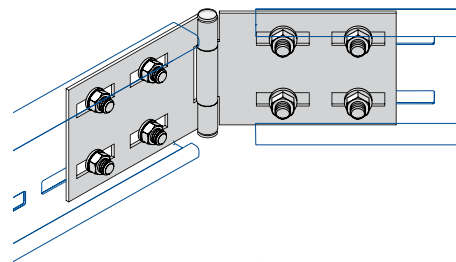
For use in creating an adjustable riser.



HSP Coupler (Horizontal Splice)

2x Horizontal Splices with fittings included

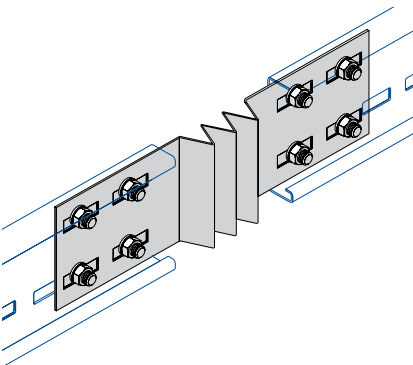
A hinged splice to allow straights to connect at varying angles.



TEC Coupler (Thermal Expansion Coupler)

2x Thermal Expansion Couplers with fittings included

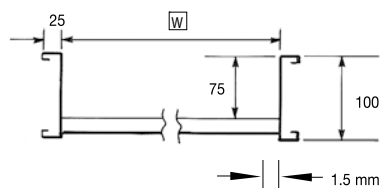
To compensate for thermal expansion.



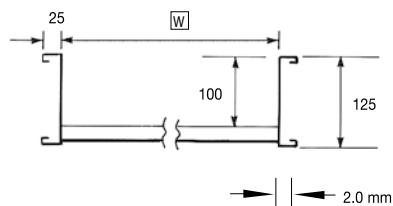
Our fittings come in a wide variety of widths, radii and angles (where appropriate). Many of these are standard factory items and the rest are available upon request.

Unless specified, figures are in millimeters (mm)

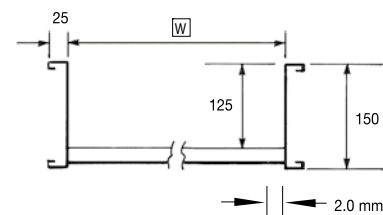
U10



U12

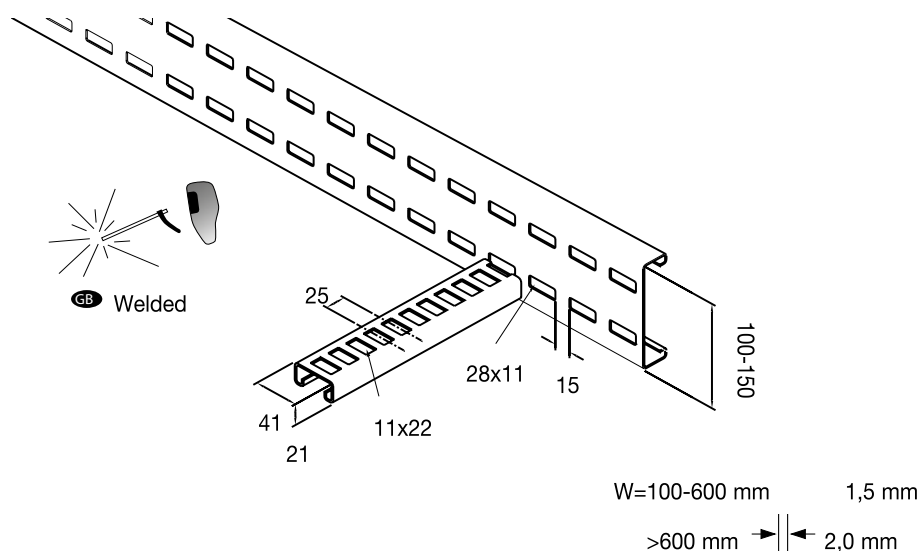


U15



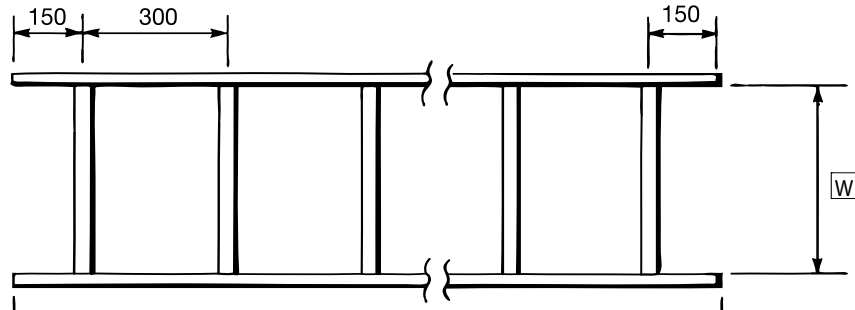
Standard Widths (W)		By Request	Angles (D)		By Request	Radii (R)	
Code	Width		Width	Angle		Code	Width
10	100mm	By Request	30	30	By Request	30	300mm*
15	150mm		45	45		45	450mm
20	200mm	By Request	60	60	By Request	60	600mm
30	300mm		90	90		75	750mm
40	400mm	By Request				90	900mm
45	450mm						
50	500mm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

*Standard

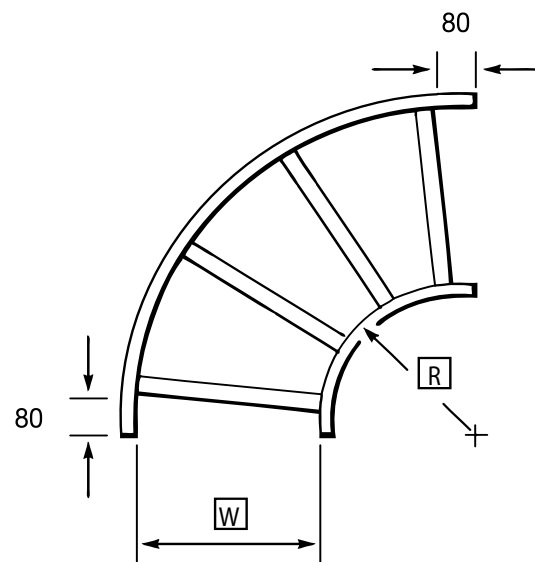
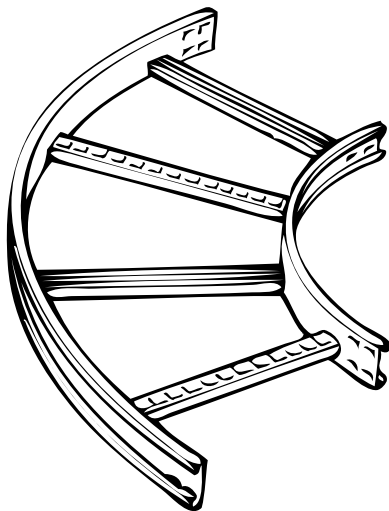


Fittings

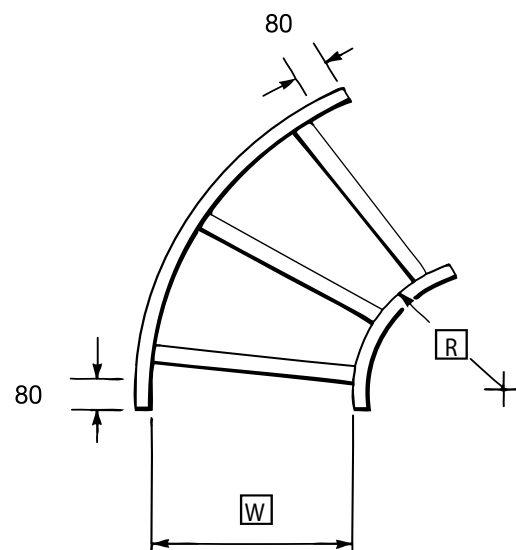
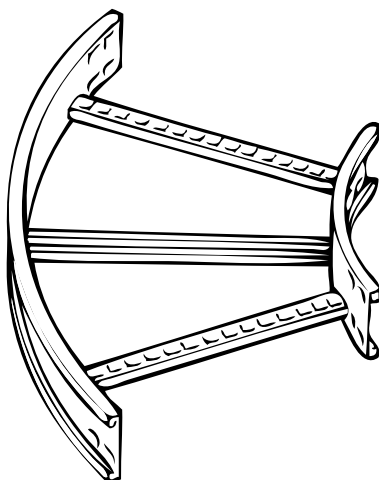
Rung Distance



90° Flat Bend

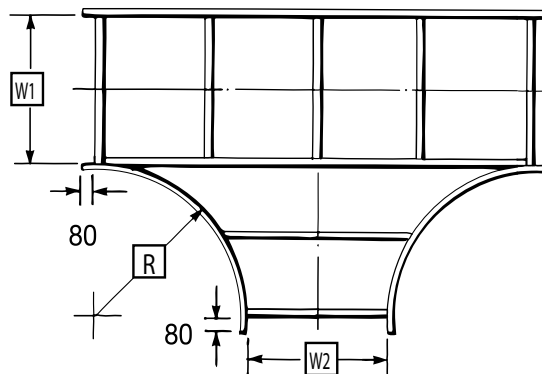
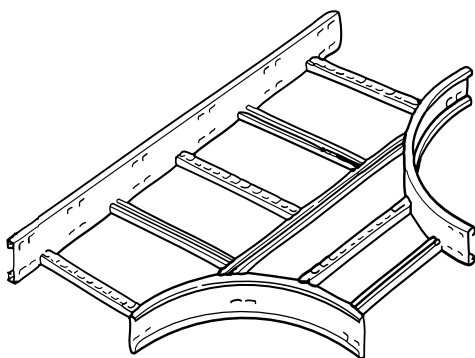


45° Flat Bend

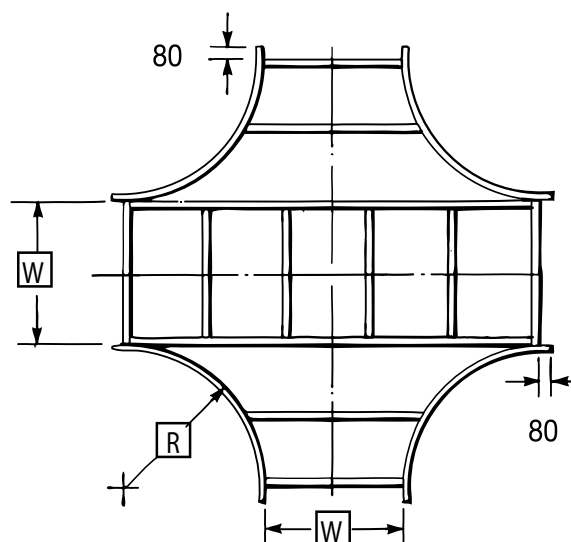
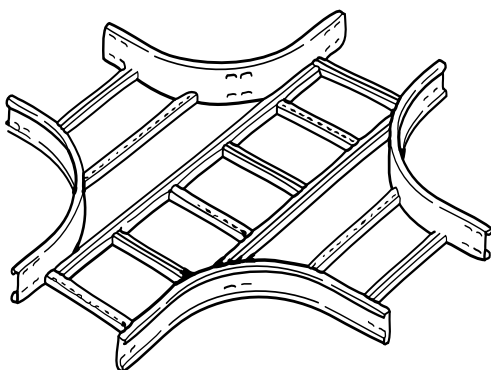


Please use codes on page 83 for [W], [R] and [D]

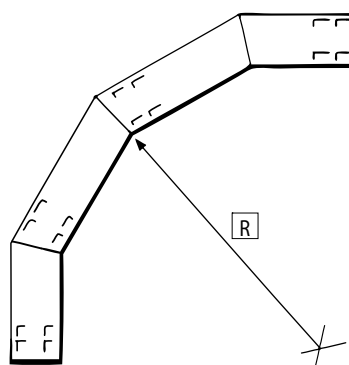
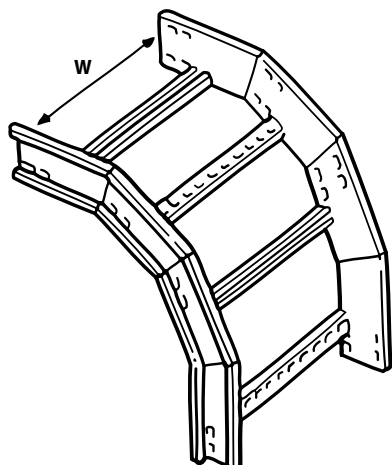
Equal Tee



Equal Cross



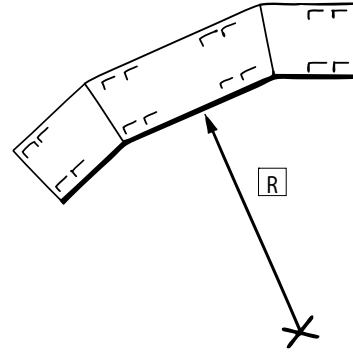
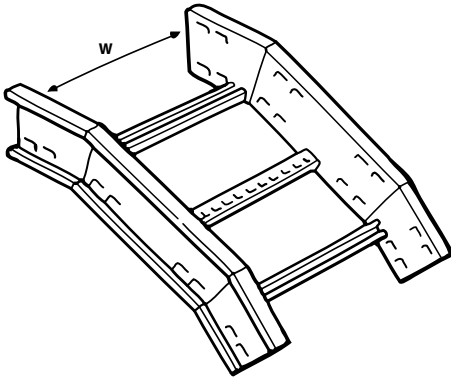
Outside Riser - 90°



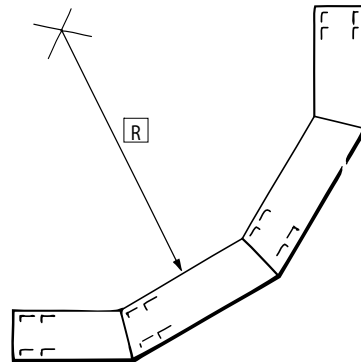
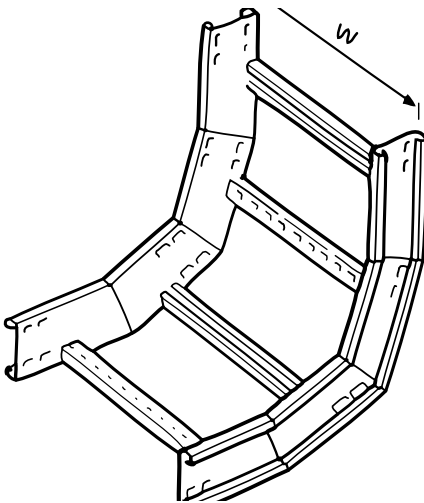
Please use codes on page 83 for [W], [R] and [D]

Fittings

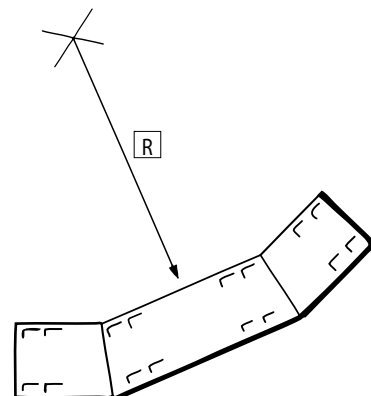
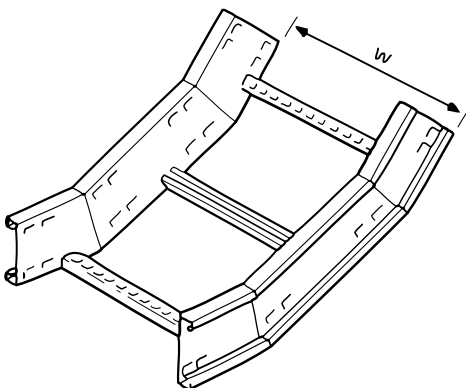
Outside Riser - 45°



Inside Riser - 90°



Inside Riser - 45°



Please use codes on page 83 for [W], [R] and [D]

Pipe Clips

Standard and Insulated Pipe Clips



PIPE CLIPS CONTENTS

Contents	Page Number
C-Clamps	Page 120
Standard Range	Page 122
Pipe Weights	Page 131

C-CLAMPS

NEW!

NEW Cushioned Pipe Support Clamp from Unistrut

- Absorbs shock & vibration
- Prevents galvanic corrosion
- Reduces unwanted noise

**For more information,
contact our team!**

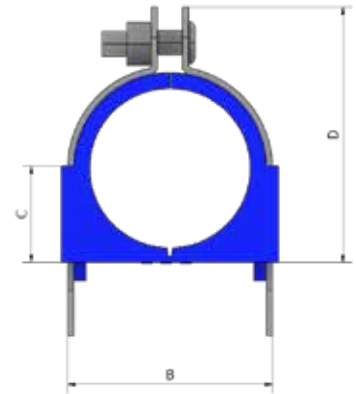


UNISTRUT C-CLAMPS

Introducing Unistrut C-Clamps, our new Cushioned Pipe Support Clamp! Our Unistrut branded C-Clamps are made from high quality steel and can be used in conjunction with Unistrut Channel as demonstrated on the previous page.

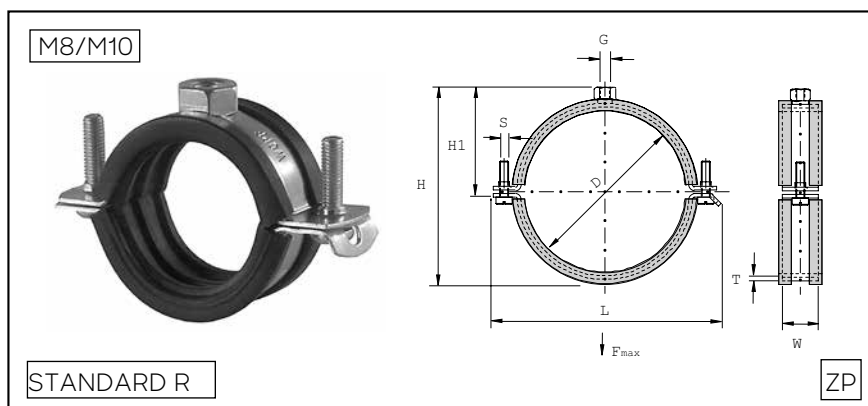
Key Features:

- Unistrut branded & channel compatible
- 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



TUBE SERIES				PIPE SERIES			Dim 'A' (Ø) (mm)	Dim 'B' (mm)	Dim 'C' (mm)	Dim 'D' (mm)	Wt/100 Kg
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					
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
				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	1-1/4"	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

Sound Insulated Pipe Clip Type Standard with 2 Screws

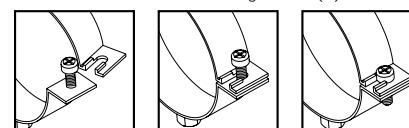


EPDM/SBR
SHORE A = 45° ± 5°
+ 110° C
- 50° C



Sound insulation tested

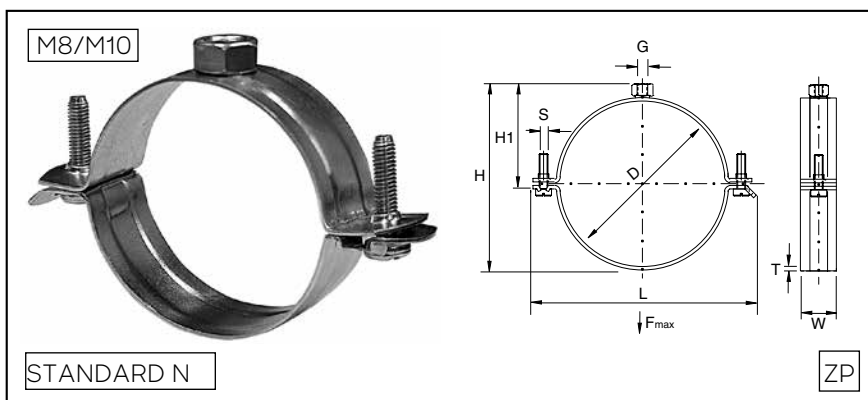
Sound insulation value on average 22 dB (A)



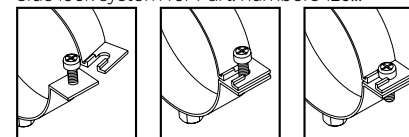
Side lock system for Part numbers 125...

Part No. M8/M10	Finish ZP	"	D mm	WxT mm	H mm	H1 mm	L mm	S	Fmax N	W /100	
125 70 15	-		14 - 17	20 x 1.00	34	20	55	M5	600	4.4	100
125 70 18	-	3/8"	17 - 20	20 x 1.00	36	22	58	M5	600	5.0	100
125 70 22	-	1/2"	21 - 24	20 x 1.00	40	23	59	M5	600	5.0	100
125 70 28	-	3/4"	27 - 30	20 x 1.00	46	26	66	M5	600	6.0	100
125 70 35	-	1"	33 - 36	20 x 1.00	52	30	73	M5	600	9.0	100
125 70 40	-		38 - 41	20 x 1.00	56	31	79	M5	600	7.0	100
125 70 42	-	1 1/4"	42 - 45	20 x 1.00	60	34	82	M5	600	7.0	50
125 70 48	-	1 1/2"	48 - 51	20 x 1.00	66	37	89	M5	600	7.3	50
125 70 54	-		54 - 57	20 x 1.50	73	41	98	M5	1400	10.0	50
125 70 60	-	2"	59 - 62	20 x 1.50	79	43	101	M5	1400	10.8	50
125 70 70	-		67 - 72	25 x 1.50	94	53	116	M6	1900	14.0	50
125 70 76	-	2 1/2"	72 - 78	25 x 1.50	100	56	123	M6	1900	15.5	50
125 70 83	-		82 - 86	25 x 2.00	97	56	116	M6	1900	20.6	50
125 70 89	-	3"	84 - 89	25 x 2.00	108	61	134	M6	2300	21.0	50
125 71 14	-	4"	109 - 114	25 x 2.00	136	81	162	M6	2300	24.4	50

Pipe Clip Type Standard with Screws



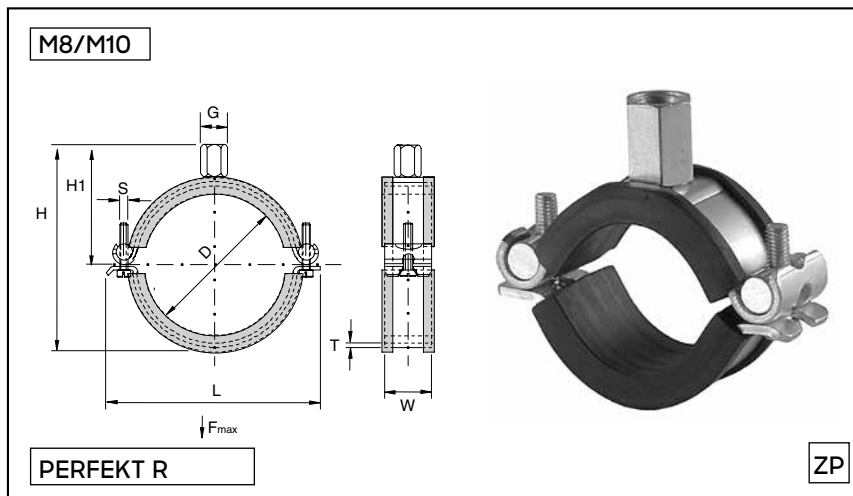
Side lock system for Part. numbers 125...



Part No. M8/M10	Finish ZP	"	D mm	WxT mm	H mm	H1 mm	L mm	S	Fmax N	W /100	
125 60 18	-	3/8"	17 - 20	20 x 1.00	29	18	51	M5	600	4.5	100
125 60 22	-	1/2"	21 - 24	20 x 1.00	33	19	52	M5	600	4.9	100
125 60 28	-	3/4"	25 - 28	20 x 1.00	39	22	59	M5	600	4.0	100
125 60 35	-	1"	32 - 35	20 x 1.00	45	26	66	M5	600	4.0	100
125 60 40	-		38 - 41	20 x 1.00	49	27	72	M5	600	5.0	100
125 60 42	-	1 1/4"	40 - 43	20 x 1.00	53	30	75	M5	600	5.0	50
125 60 48	-	1 1/2"	48 - 51	20 x 1.00	59	33	82	M5	600	6.0	50
125 60 54	-		54 - 57	20 x 1.50	66	37	89	M5	1400	5.0	50
125 60 60	-	2"	59 - 63	20 x 1.50	72	39	94	M5	1400	8.0	50
125 60 70	-		67 - 72	25 x 1.50	87	49	109	M6	1900	11.0	50
125 60 76	-	2 1/2"	71 - 77	25 x 1.50	93	52	116	M6	1900	11.0	50
125 60 80	-		79 - 85	25 x 1.50	95	54	117	M6	2000	15.2	50
125 60 89	-	3"	85 - 90	25 x 2.00	101	57	127	M6	2300	15.0	50
125 61 14	-	4"	107 - 114	25 x 2.00	129	77	155	M6	2300	18.0	50

Pipe Clips

Type Perfekt Sound Insulated Pipe Clip



EPDM/SBR
SHORE A = 45° ± 5°
+ 110° C
- 50° C

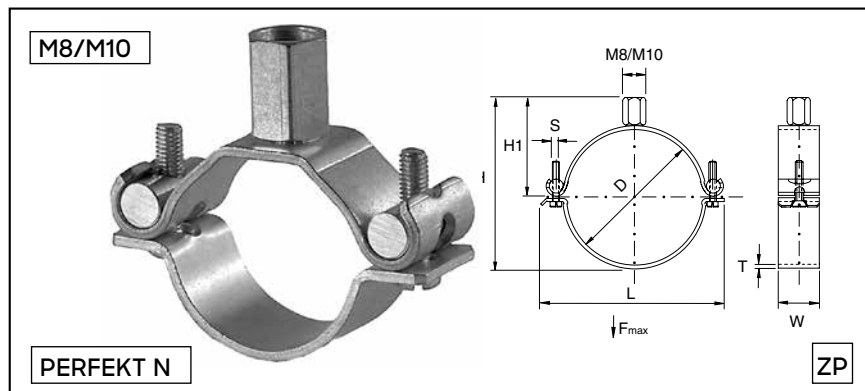


Sound insulation value on average 22 dB (A)

Part No.	Finish	"	D	mm	WxT	H	H1	L	S	Fmax	W	100	
M8/M10	ZP									N			
119 18 13	.	3/8"	15 - 20	20 x 2.00	50	32	50	50	M5	800	8.8	100	
119 22 13	.	1/2"	21 - 25	20 x 2.00	55	35	58	58	M5	800	9.7	100	
119 28 13	.	3/4"	26 - 31	20 x 2.00	61	38	62	62	M5	800	10.3	100	
119 35 13	.	1"	32 - 36	20 x 2.00	67	42	71	71	M5	800	11.2	100	
119 42 13	.	1 1/4"	42 - 46	20 x 2.00	76	46	79	79	M5	800	12.3	100	
119 48 13	.	1 1/2"	46 - 50	20 x 2.00	81	49	80	80	M5	800	12.7	100	
119 54 13	.		50 - 54	20 x 2.00	84	53	87	87	M5	800	13.3	50	
119 60 13	.	2"	56 - 60	20 x 2.00	90	55	95	95	M5	800	14.3	50	
119 06 38	.		63 - 68	25 x 2.50	101	60	107	107	M6	1900	21.7	50	
119 06 88	.		68 - 73	25 x 2.50	107	63	110	110	M6	1900	23.2	50	
119 07 58	.	2 1/2"	75 - 80	25 x 2.50	115	66	116	116	M6	1900	24.5	50	
119 08 48	.		84 - 89	25 x 2.50	124	70	126	126	M6	1900	27.1	50	
119 08 88	.	3"	88 - 92	25 x 2.50	130	72	129	129	M6	1900	28.0	50	
119 09 78	.		97 - 102	25 x 2.50	138	77	140	140	M6	1900	29.0	50	
119 10 68	.		106 - 111	25 x 2.50	150	83	152	152	M6	1900	32.3	50	
119 10 98	.		109 - 114	25 x 2.50	152	84	153	153	M6	1900	32.5	50	
119 11 38	.	4"	113 - 119	25 x 2.50	154	86	154	154	M6	1900	32.9	50	
119 12 28	.		122 - 127	25 x 2.50	163	90	164	164	M6	1900	34.4	25	
119 13 18	.		131 - 136	25 x 2.50	193	94	175	175	M6	1900	36.8	25	
119 13 78	.	5"	137 - 142	25 x 2.50	176	97	181	181	M6	1900	37.9	25	
119 15 88	.	6"	158 - 163	25 x 2.50	197	105	192	192	M6	1900	40.5	25	
119 16 48	.		164 - 168	25 x 2.50	202	108	195	195	M6	1900	42.3	25	

Available with M10/12, M16 & 1/2" connection on request

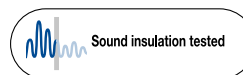
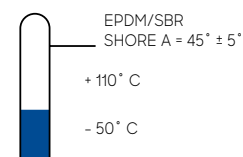
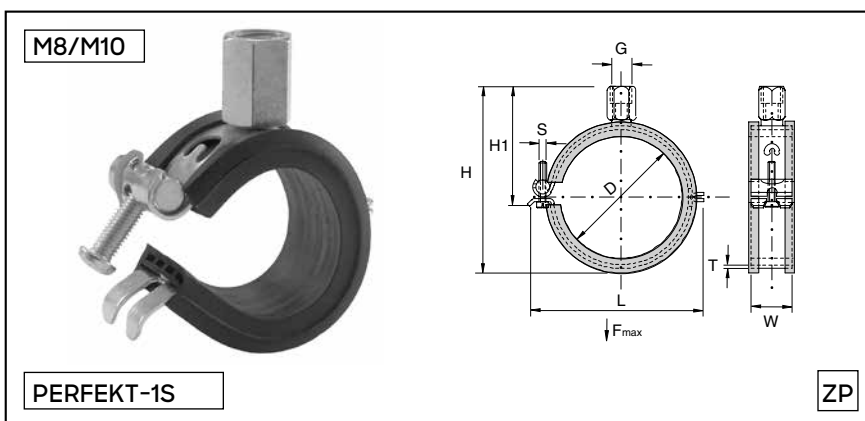
Type Perfekt Pipe Clip



Part No.	Finish ZP	"	D mm	WxT mm	H mm	H1 mm	L mm	S	Fmax N	W /100	
128 01 85	-	3/8"	18 - 20	20 x 2.00	39	32	44	M5	800	6.0	100
128 02 25	-	1/2"	21 - 25	20 x 2.00	42	30	46	M5	800	7.0	100
128 02 85	-	3/4"	27 - 32	20 x 2.00	47	33	56	M5	800	7.0	100
128 03 55	-	1"	33.5 - 38	20 x 2.00	55	36	61	M5	800	8.0	100
128 04 05	-		39 - 43	20 x 2.00	60	38	65	M5	800	8.0	100
128 04 25	-	1 1/4"	42.5 - 46	20 x 2.00	64	40	68	M5	800	9.0	100
128 04 85	-	1 1/2"	48.5 - 53	20 x 2.00	70	43	77	M5	800	9.0	100
128 06 05	-	2"	60.5 - 65	20 x 2.00	82	49	89	M5	800	11.0	50
128 06 86	-		68 - 73	25 x 2.50	79	59	105	M6	1900	17.4	50
128 07 26	-	2 1/2"	73 - 77	25 x 2.50	103	62	107	M6	1900	16.0	50
128 08 66	-	3"	84 - 90	25 x 2.50	105	72	121	M6	1900	18.0	50
128 09 76	-		97 - 103	25 x 2.50	138	78	142	M6	1900	20.0	50
128 10 66	-		106 - 111	25 x 2.50	139	79	139	M6	1900	22.7	50
128 11 06	-	4"	109 - 114	25 x 2.50	140	79	145	M6	1900	22.0	50
128 12 56	-		125 - 130	25 x 2.50	156	87	163	M6	1900	25.0	25
128 13 96	-	5"	139 - 145	25 x 2.50	169	94	173	M6	1900	29.0	25
128 16 86	-	6"	160 - 168	25 x 2.50	191	105	193	M6	1900	30.0	25

- Available with M10/12, M16 & 1/2" connection on request

Type Perfekt 1S Sound Insulated Pipe Clip

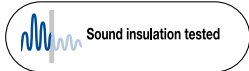
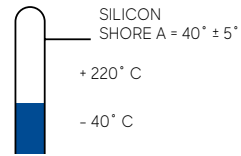


Sound insulation value on average 22 dB (A)

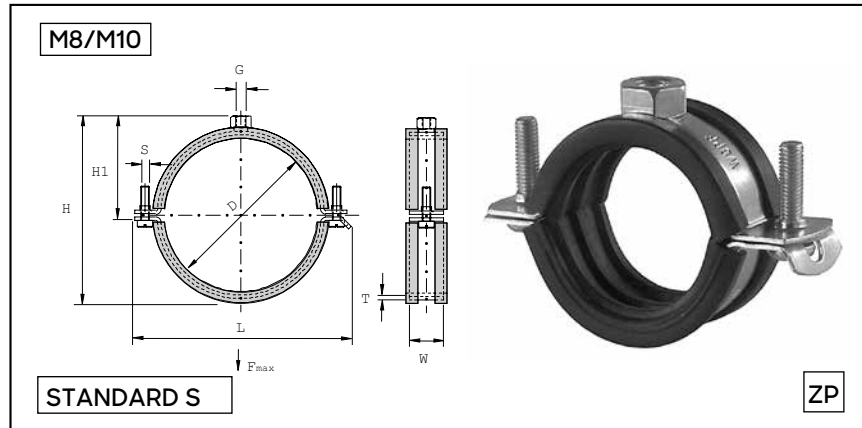
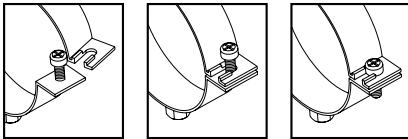
Part No. G=M8	Part No. G=M8/M10	Finish ZP	"	D mm	WxT mm	H mm	H1 mm	L mm	S	Fmax N	W /100	
119 15 80	119 15 10	-		15 - 16	20 X 1.00	44	30	43	M5	800	4.0	100
119 18 80	119 18 10	-	3/8"	17 - 18	20 X 1.00	46	32	45	M5	800	4.0	100
119 22 80	119 22 10	-	1/2"	21 - 22	20 X 1.00	51	34	50	M5	800	5.0	100
119 28 80	119 28 10	-	3/4"	27 - 28	20 X 1.00	55	37	56	M5	800	5.0	100
119 35 80	119 35 10	-	1"	34 - 35	20 X 1.25	63	40	64	M5	1100	6.0	100
119 40 80	119 40 10	-		40 - 41	20 X 1.25	69	43	69	M5	1100	7.0	100
119 42 80	119 42 10	-	1 1/4"	42 - 43	20 X 1.25	70	44	71	M5	1100	7.0	100
119 48 80	119 48 10	-	1 1/2"	48 - 49	20 X 1.25	77	48	77	M5	1100	8.0	100
119 50 80	119 50 10	-		49 - 50	20 X 1.25	79	49	79	M5	1100	8.0	50
119 54 80	119 54 10	-		54 - 55	20 X 1.25	83	51	83	M5	1100	8.0	50
119 57 80	119 57 10	-		57 - 58	20 X 1.25	86	53	86	M5	1100	9.0	50
119 60 80	119 60 10	-	2"	60 - 61	20 X 1.25	89	54	89	M5	1100	8.0	50

Pipe Clips

Pipe Clip Type standard with Silicone High Temperature Insulation with 2 Screws

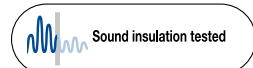
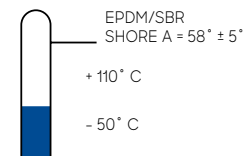


Sound insulation value on average 22 dB (A)

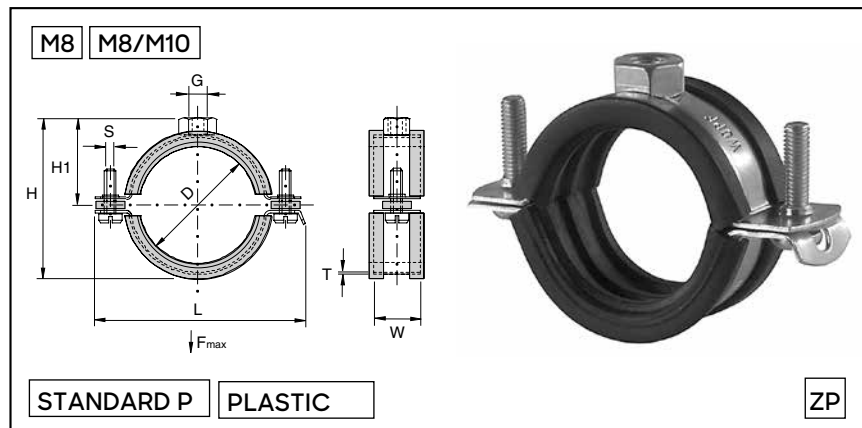
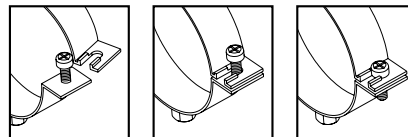


Part No.	Finish ZP	"	D mm	WxT mm	H mm	H1 mm	L mm	S	Fmax N	W /100	
125 80 15	-		14 - 17	20 x 1.00	34	20	55	M5	600	5.0	100
125 80 18	-	3/8"	17 - 20	20 x 1.00	36	22	58	M5	600	5.0	100
125 80 22	-	1/2"	21 - 20	20 x 1.00	40	23	59	M5	600	5.0	100
125 80 28	-	3/4"	27 - 30	20 x 1.00	46	26	66	M5	600	6.0	100
125 80 35	-	1"	33 - 36	20 x 1.00	52	30	73	M5	600	6.0	100
125 80 40	-		38 - 41	20 x 1.00	56	31	79	M5	600	8.0	100
125 80 42	-	1 1/4"	42 - 45	20 x 1.00	60	34	82	M5	600	7.0	50
125 80 48	-	1 1/2"	48 - 51	20 x 1.00	66	37	89	M5	600	7.0	50
125 80 54	-		54 - 57	20 x 1.50	73	41	98	M5	1400	10.0	50
125 80 60	-	2"	59 - 62	20 x 1.50	79	43	101	M5	1400	10.0	50
125 80 70	-		67 - 72	20 x 1.50	94	53	116	M6	1900	15.0	50
125 80 76	-	2 1/2"	72 - 78	20 x 1.50	100	56	123	M6	1900	16.0	50
125 80 89	-	3"	84 - 89	20 x 2.00	108	61	134	M6	2300	21.0	50
125 81 14	-	4"	109 - 114	20 x 2.00	135	81	162	M6	2300	25.0	50

Sound Insulated Pipe Clip Type Plastic with 2 Screws for use with Plastic Clips

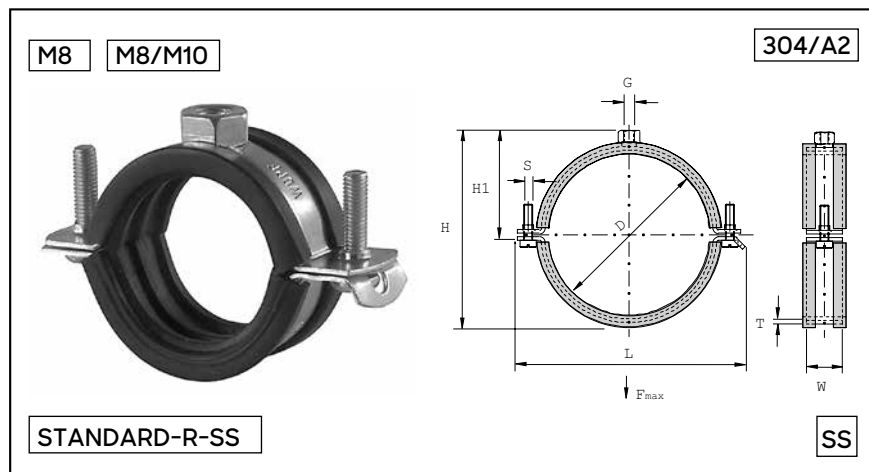


Sound insulation value on average 15.4 dB (A)

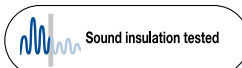


Part No.	Finish ZP	G	D mm	WxT mm	H mm	H1 mm	L mm	S	Fmax N	W /100	
133 01 68	-	M8	16	20 x 1.00	36	21	58	M5	600	4.0	100
133 02 08	-	M8	20	20 x 1.00	40	24	62	M5	600	5.0	100
133 02 58	-	M8	25	20 x 1.00	46	27	66	M5	600	5.0	100
133 03 28	-	M8	32	20 x 1.00	53	30	72	M5	600	6.0	100
133 04 08	-	M8	40	20 x 1.00	60	34	82	M5	600	7.0	100
133 05 08	-	M8	50	20 x 1.00	67	39	89	M5	600	6.0	50
133 06 38	-	M8	63	20 x 1.50	83	47	101	M5	1450	9.0	50
133 07 88	-	M8/M10	75/78	25 x 2.50	110	63	119	M6	1900	22.0	50
133 09 08	-	M8/M10	90	25 x 2.50	124	71	136	M6	1900	24.0	50
133 11 08	-	M8/M10	110	25 x 2.50	141	79	151	M6	1900	28.0	50
133 12 58	-	M8/M10	125	25 x 2.50	158	87	165	M6	1900	32.0	50
133 13 58	-	M8/M10	135	25 x 2.50	163	89	172	M6	1900	32.0	50
133 16 08	-	M8/M10	160	25 x 2.50	190	108	205	M6	1900	40.0	50

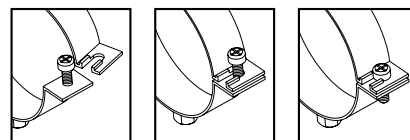
Sound Insulated Pipe Clip Type Plastic with 2 Screws – Stainless Steel 304/A2



EPDM/SBR
SHORE A = 45° ± 5°
+ 110° C
- 50° C



Sound insulation value on average 22 dB (A)



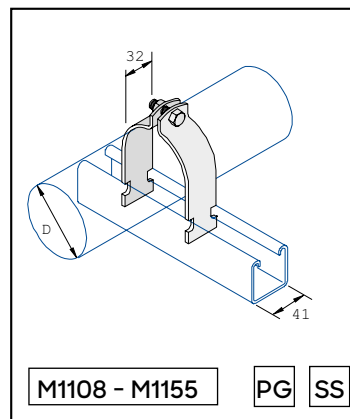
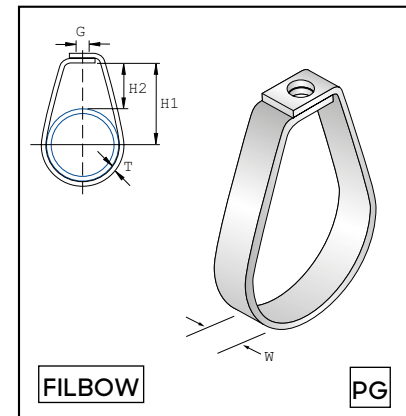
Part No.	Finish SS	"	D mm	G	WxT mm	H mm	H1 mm	L mm	S	Fmax N	W /100	
135 01 52	-		14 - 17	M8	20 x 1.00	34	20	55	M5	600	4.0	100
135 01 82	-	3/8"	17 - 20	M8	20 x 1.00	36	22	58	M5	600	4.0	100
135 02 22	-	1/2"	21 - 24	M8	20 x 1.00	40	23	59	M5	600	5.0	100
135 02 82	-	3/4"	27 - 30	M8	20 x 1.00	46	26	66	M5	600	5.0	100
135 03 52	-	1"	33 - 36	M8	20 x 1.00	52	30	73	M5	600	6.0	100
135 04 02	-		38 - 41	M8	20 x 1.00	56	31	79	M5	600	6.0	100
135 04 22	-	1 1/4"	42 - 45	M8	20 x 1.00	60	34	82	M5	600	6.0	50
135 04 82	-	1 1/2"	48 - 51	M8	20 x 1.00	66	37	89	M5	600	6.0	50
135 05 42	-		54 - 57	M8	20 x 1.50	73	41	98	M5	1400	8.0	50
135 06 02	-	2"	59 - 62	M8	20 x 1.50	79	43	100	M5	1400	10.0	50
135 07 02	-		67 - 72	M8/M10	25 x 1.50	94	53	116	M6	1900	16.0	50
135 07 52	-	2 1/2"	72 - 78	M8/M10	25 x 1.50	100	56	123	M6	1900	16.0	50
135 08 82	-	3"	84 - 89	M8/M10	25 x 2.00	108	61	134	M6	2300	20.0	50
135 11 42	-	4"	109 - 114	M8/M10	25 x 2.00	136	81	162	M6	2300	24.0	50

Pipe Clips

Sprinkler Hangers

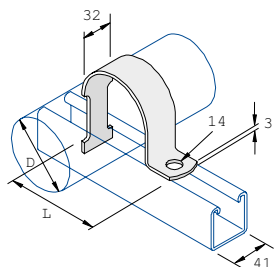
Part No.	Finish		D	G	W x T	H1	H2	W	100		Approval*	
	PG	SS	"	ømm	mm	mm	mm	mm	mm			
FIL00212	-	-	1/2"	11	25 x 1.2	35	20	5.0	50			
FIL00272	-	-	3/4"	11	25 x 1.2	35	20	5.0	50	FM	LPCB	
FIL00342	-	-	1"	11	25 x 1.2	43	26	5.0	50	FM	LPCB	
FIL00422	-	-	1 1/4"	11	25 x 1.2	50	30	5.0	50	FM	LPCB	
FIL00482	-	-	1 1/2"	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



Part No.	Finish		D	W	
	PG	SS	mm	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	W	
	PG	SS	mm	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

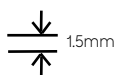


SS2A - SS2N

HG

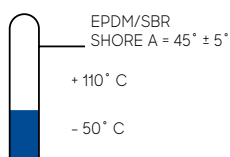
SS

Part No.	Finish		D		L mm	W kg	
	HG	SS	"	NB/DN			
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

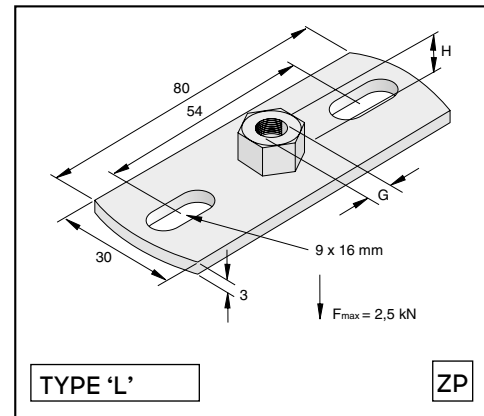


EPDM insulation for M11 and SS2 series clamps

Pipe Clips

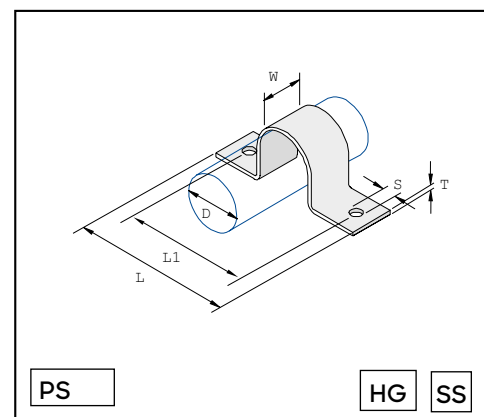
Base Plates with Thread Connector

Part No.	Finish ZP	G	H mm	$\bar{w}$	
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



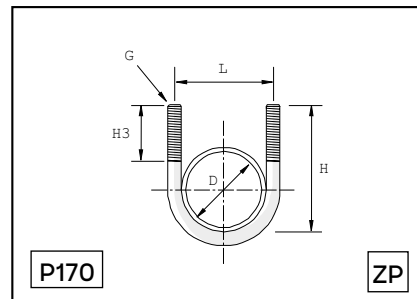
Industrial Pipe Clamps

HG Part No.	SS Part No.	"	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

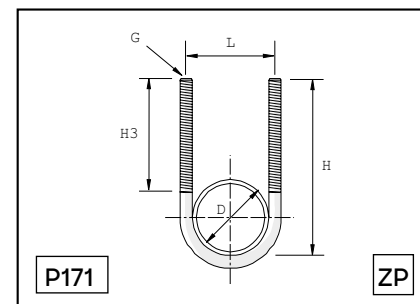


U-Bolts

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



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



Pipe Weights

Size	ø Outside	thickness	weight	plus water	plus isol.	max span
DN	"	(mm)	(Kg/m)	(Kg/m)	(Kg/m)	(m)

Pipes according DIN 2440

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	4.6
150	6"	165.1	4.85	20.10	39.06	50.4	5.30

Steel pipes according to DIN 2448

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

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)

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

+/- 15 meter
(Based upon manufacturers data)

Size	ø Outside	thickness	weight	plus water	plus isol.	max span
DN	"	(mm)	(Kg/m)	(Kg/m)	(Kg/m)	(m)

Drainpipes... PE (Geberit)

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

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

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

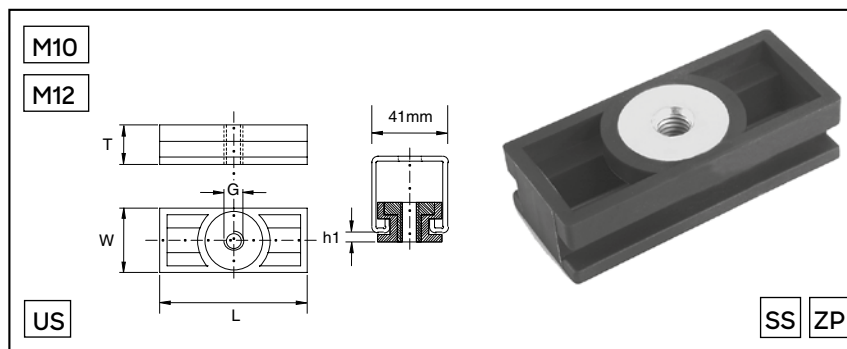
Size		weight per meter by thickness					
		DIN24145					
DN	mm	mm	0.4mm	0.6mm	0.8mm	1.0mm	1.2mm

Ventilation ducts

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	140	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

Polyamide Slideback for Unistrut Channels

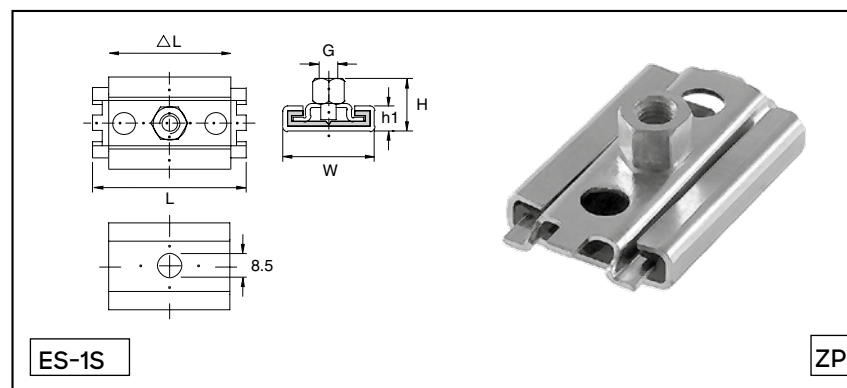
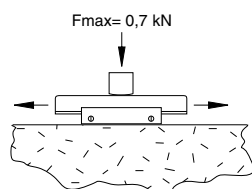
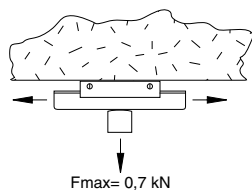
Polyamide (Pa)
+120°C Max.
 $\mu_0 = 0.18N$
 $\mu = 0.14N$



Part No. ZP	Part No. SS	G	T mm	W mm	h1 mm	L mm	Fmax N	$\frac{W}{100}$	
124 10 76	135 10 75	M10	21	35	4	80	3000	6.8	10
124 12 76	135 12 75	M12	21	35	4	80	3000	6.3	10

Slide Guide Type S

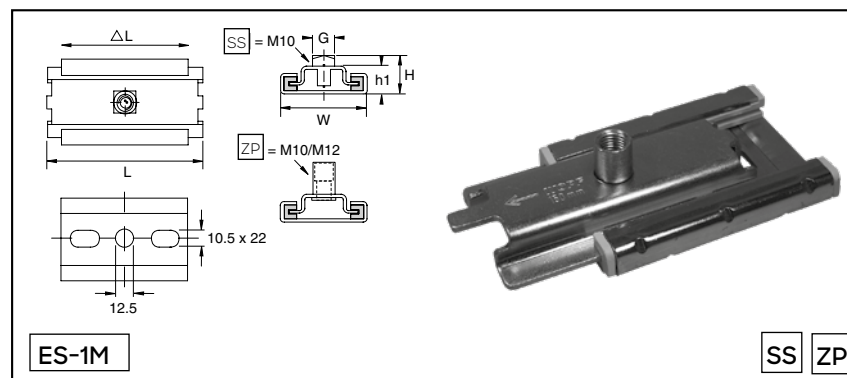
Polyamide (Pa)
+120°C Max.
 $\mu_0 = 0.18$
 $\mu = 0.14$



Part No. ZP	G	ΔL mm	L mm	W mm	H mm	h1 mm	Fmax N	$\frac{W}{100}$	
124 08 00	M8	42	62	37	22	12	700	0.074	50
124 10 00	M10	42	62	37	25	12	700	0.082	50

Slide Guide Type M

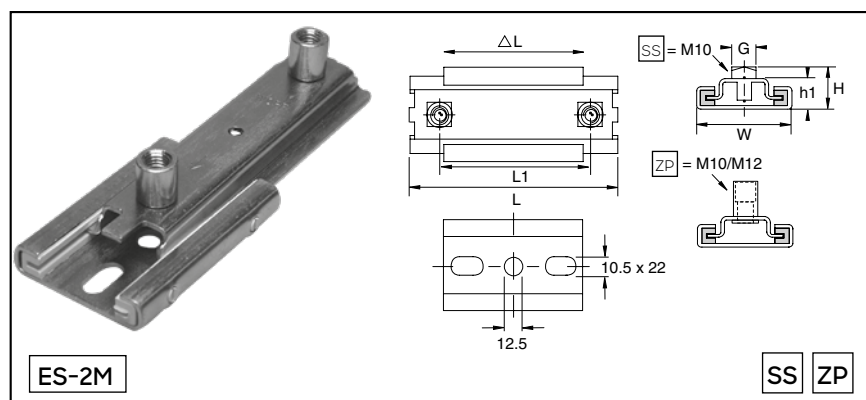
Polyamide (Pa)
+120°C Max.
 $\mu_0 = 0.18$
 $\mu = 0.14$



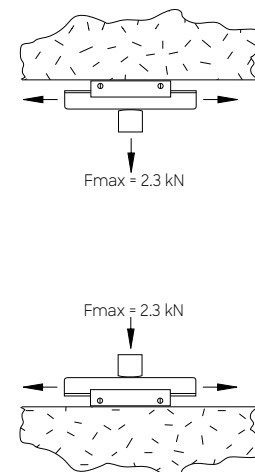
Part No.	Finish ZP SS	G	ΔL mm	L mm	W mm	H mm	h1 mm	Fmax N	$\frac{W}{100}$	
124 12 91	-	M10/M12	80	122	67	42	22	2300	0.40	10
135 24 01	-	M10	80	122	67	30	22	2300	0.37	10

Pipe Clips

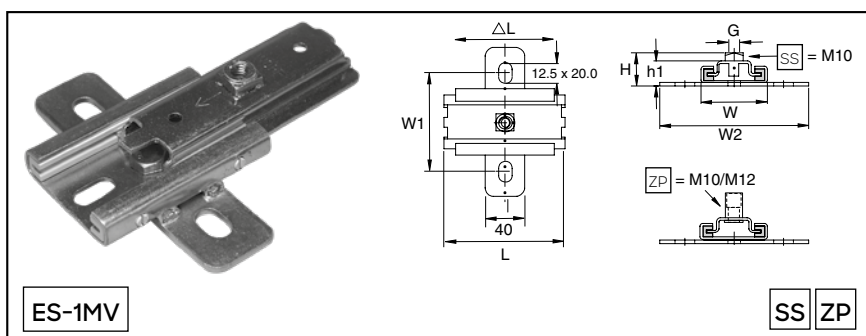
Slide Guide Type M



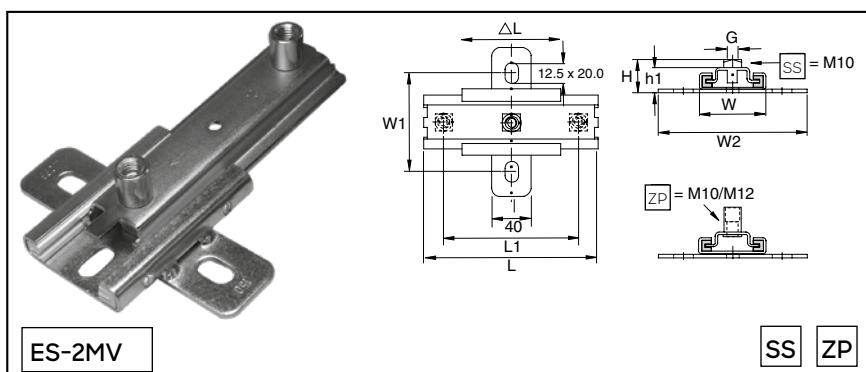
Part No.	Finish	G	ΔL	L	L1	W	H	h1	Fmax	N	W	
124 12 92	-	M10/M12	140	165	123	67	42	22	2300	0.49	10	
135 24 05	-	M10	140	165	123	67	30	22	2300	0.44	10	



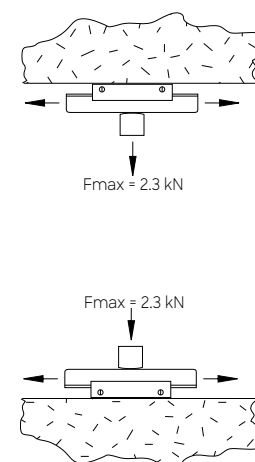
Slide Guide Type M for Unistrut Channels



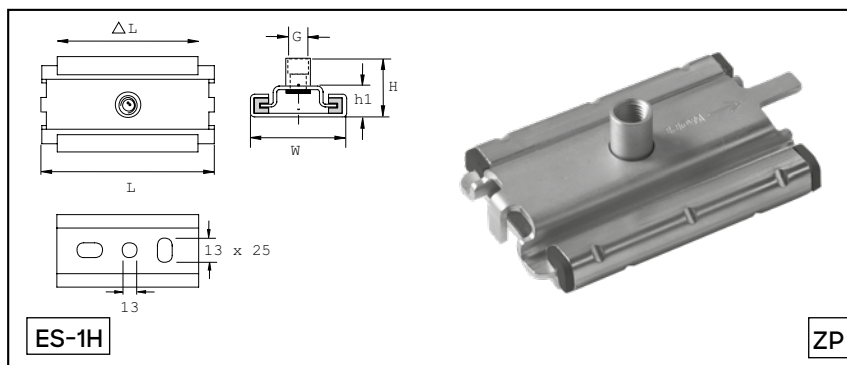
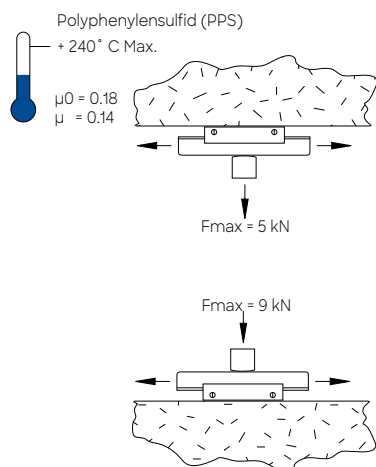
Part No.	Finish	G	ΔL	L	W	W1	W2	H	h1	Fmax	N	W	
124 12 95	-	M10/M12	80	122	67	100	150	46	26	2300	0.60	10	
135 24 02	-	M10	80	122	67	100	150	34	26	2300	0.58	10	



Part No.	Finish	G	ΔL	L	L1	W	W1	W2	H	h1	Fmax	N	W	
124 12 96	-	M10/M12	140	165	123	67	100	150	46	26	2300	0.69	10	
135 24 06	-	M10	140	165	123	67	100	150	34	26	2300	0.65	10	

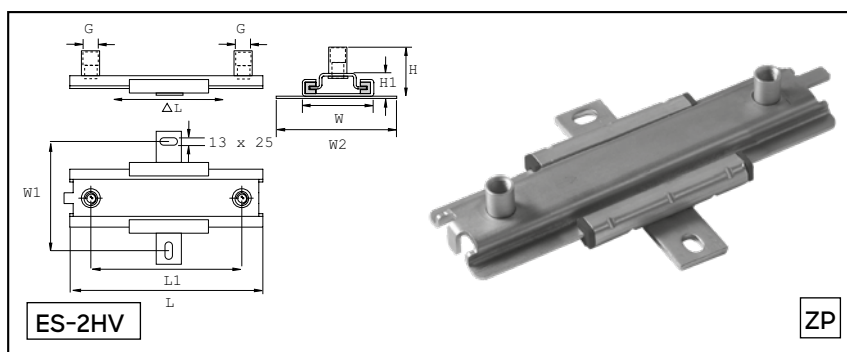
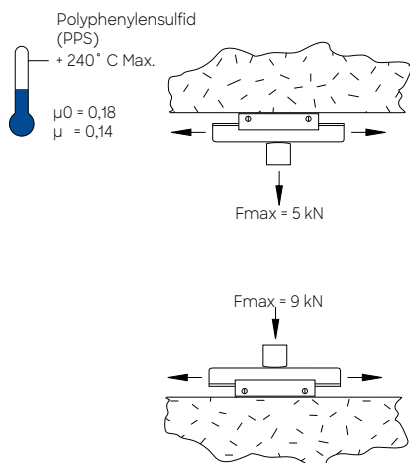


Slide Guide Type H with 1 Connection Nut



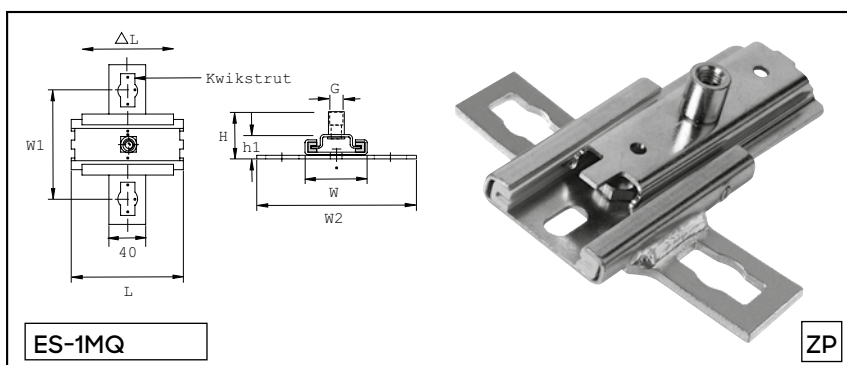
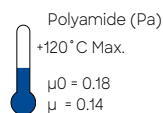
Part No.	G	ΔL	L	W	H	h1	w	
ZP	M12/M16	mm	mm	mm	mm	mm	mm	
124 16 69	M12/M16	120	150	100	51	31	1.09	10

Slide Guide Type H for Unistrut Channels with Double Connection



Part No.	G	ΔL	L	L1	W	W1	W2	H	h1	w	
ZP	M12/M16	mm	mm	mm	mm	mm	mm	mm	mm	mm	
124 16 25	M12/M16	245	275	210	100	160	188	57	37	1.89	10

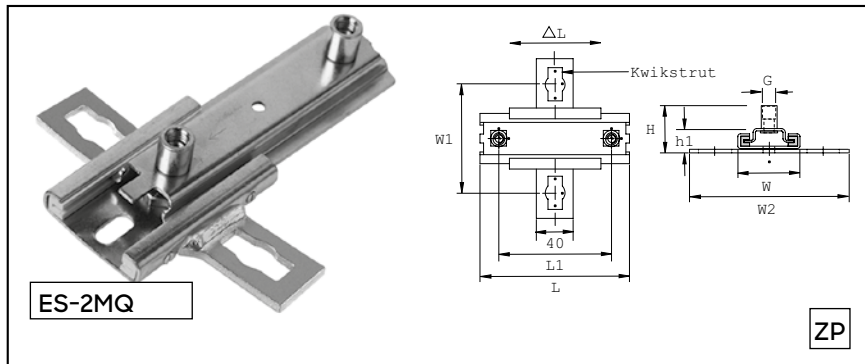
Slide Guide Type M for Kwikstrut System



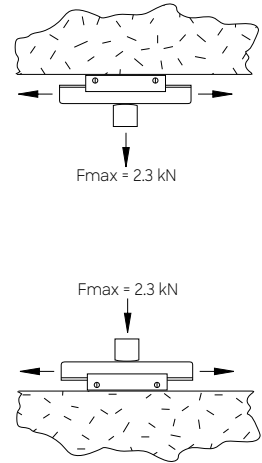
Part No.	G	ΔL	L	W	W1	W2	H	h1	Fmax	w	
ZP	M10/M12	mm	mm	mm	mm	mm	mm	mm	N	N	
124 12 35	M10/M12	80	122	67	117	174	47	27	2300	0.70	10

Pipe Clips

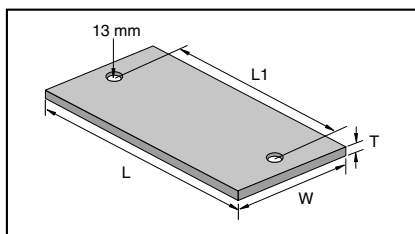
Slide Guide Type M for Kwikstrut System



Part No.	G	ΔL	L	L1	W	W1	W2	H	h1	Fmax	W	
ZP	M10/M12	mm	mm	mm	mm	mm	mm	mm	mm	N	mm	
124 12 55	M10/M12	140	165	123	67	117	174	47	27	2300	0.76	10



Polyamide Slide Plate



Polyamide (Pa)
+ 120° C Max.
 $\mu_0 = 0.18$
 $\mu = 0.14$

Part No.	L	L1	W	T	
	mm	mm	mm	mm	
124 30 01	164	128	80	5	10



Allied Tube & Conduit ▴ AFC Cable Systems ▴ Heritage Plastics ▴ Unistrut
Unistrut Construction ▴ Cope ▴ US Tray ▴ Calbrite ▴ Calbond ▴ Kaf-Tech
Columbia-MBF ▴ Eastern Wire + Conduit ▴ ACS/Uni-Fab ▴ Cii
Power-Strut ▴ Calconduit ▴ Razor Ribbon ▴ Calpipe Security
Vergokan ▴ Flexicon ▴ Marco

Unistrut
Delta Point,
Greets Green Road
West Bromwich
B70 9PL

PHONE/ +44 (0) 121 580 6300
FAX / +44 (0) 121 580 6370

atkore.com/unistrut

