

# Atkore Unistrut

## Catalogue

Edition #21



**Atkore**<sup>TM</sup>  
Unistrut

# Building better together.



Atkore Unistrut

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CONTENTS



# Atkore Defender™

Comprehensive System Solution

## The complete system solution

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

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

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

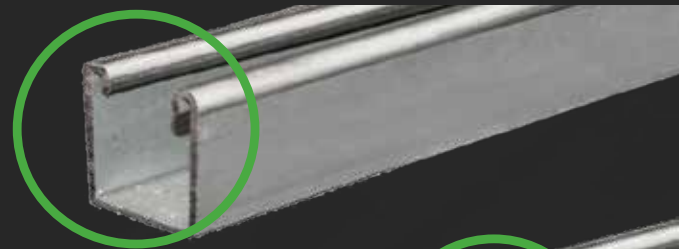
As the authentic Unistrut, we celebrate a century of innovation and continue to advance.



## A cost-effective option

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

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



### Atkore Defender™ heals over time

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



Hot-Dip  
Galvanised  
rust may form  
on the cut end

## Did you know?

**1,000** hrs of  
continuous salt  
spray testing

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



Atkore Defender™



Hot-Dip Galvanised

# Atkore Defender™

Comprehensive System Solution

## Why choose Atkore Defender™?

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

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

### Main advantages



#### Self-healing coating

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



#### Ideal in corrosive environments

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



#### Streamlines installation

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



#### Cost & labour savings

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



The shield logo indicates the standard availability of Defender finish for a specific product. Contact our team today if you want more information about the finish or the available products.



\* Based on average ASTM B117 salt spray test results.

# Metal Framing

Original Unistrut® Metal Framing



## METAL FRAMING CONTENTS

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# Metal Framing System

## The original Metal Framing System

### History

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

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

### Metal Framing System

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

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



The only tool you'll need!



# Metal Framing System

## Mr Strut's Story

### Mr.Strut

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



Scan the QR code to watch the 'Sky's the Limit' video!



# Materials and Finishes

## INTRODUCTION

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

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

## MATERIALS

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

- DF** DEFENDER
- HG** HOT DIP GALVANISED
- PG** PRE-GALVANISED
- PO** PLAIN OILED
- SS** STAINLESS STEEL MARINE GRADE
- ZP** ELECTRO ZINC PLATED

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

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

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

Stainless Steel fittings are available to EN10088-2 grade 1.4404 (Grade 316L).

## FINISHES

### Defender

Our superior finish. You can find all benefits on pages 4 and 5.

### Hot -Dip Galvanised

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

The minimum average Zinc Coating is as follows:

- Cold Rolled From 1.5mm Steel – 55 microns
- 2.5mm Steel – 55 microns

Fittings spun galvanised – 45 microns

### Pre-Galvanised

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

Special coatings and material grades are available on request

### Stainless Steel

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

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

### PVC Coating

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

### Zinc Electroplated

Channel nuts and bolts are zinc electroplated.

## RANGE

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

## LENGTH

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

## WEIGHTS & DIMENSIONS

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

## TORQUE

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

## PERFORMANCE

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

## FITTING APPLICATION

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

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

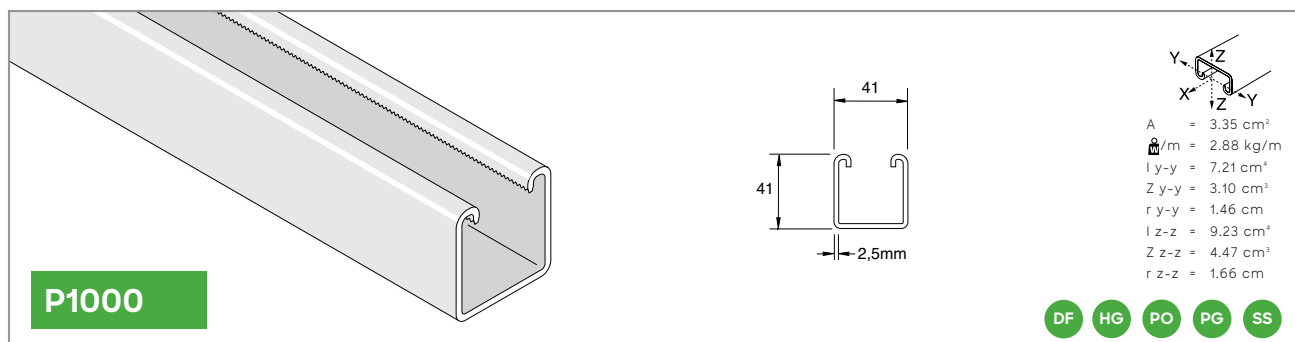
E & O.E. Unistrut Limited has a policy of continuous product development and reserve the right to change specifications without prior notice.

## STANDARDS

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

The engraving should also be clearly visible at all times, even when the product has undergone 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.

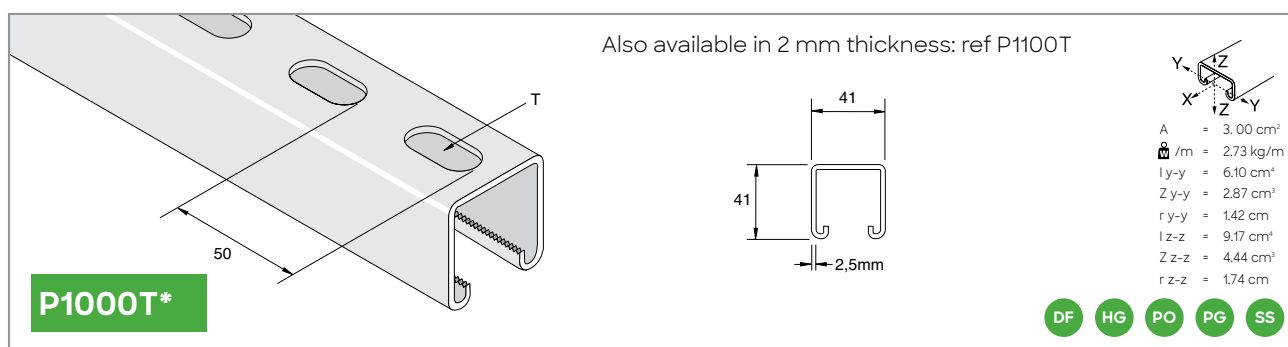
# Unistrut P1000



| Part No.      | Length | Finish |
|---------------|--------|--------|
| P1000HX3000   | 3 m    | HG     |
| P1000X3       | 3 m    | PG     |
| P1000PX3      | 3 m    | PO     |
| P1000SPPX3000 | 3 m    | SS     |
| P1000DF       | 6 m    | DF     |
| P1000H        | 6 m    | HG     |
| P1000         | 6 m    | PG     |
| P1000P        | 6 m    | PO     |
| P1000SPP      | 6 m    | SS     |

| L(mm) | Fmax(kN) | fmax(mm) | F (kN) | F (kN) | F <sub>(kN)</sub> |
|-------|----------|----------|--------|--------|-------------------|
| 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



| Part No.      | Length | Finish |
|---------------|--------|--------|
| P1000TX3DF    | 3 m    | DF     |
| P1000THX3     | 3 m    | HG     |
| P1000TX3      | 3 m    | PG     |
| P1000TPX3     | 3 m    | PO     |
| P1000TSPX3000 | 3 m    | SS     |
| P1000TDF      | 6 m    | DF     |
| P1000TH       | 6 m    | HG     |
| P1000T        | 6 m    | PG     |
| P1000TP       | 6 m    | PO     |
| P1000TSPP     | 6 m    | SS     |

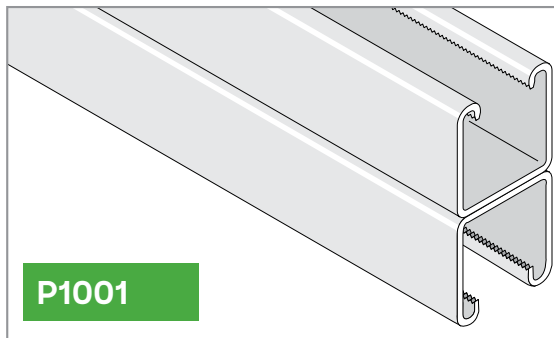
| L(mm) | Fmax(kN) | fmax(mm) | F (kN) | F (kN) | F <sub>(kN)</sub> |
|-------|----------|----------|--------|--------|-------------------|
| 250   | 16.069   | 0.27     | -      | -      | 16.283            |
| 500   | 8.034    | 1.05     | -      | -      | 16.039            |
| 750   | 5.356    | 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*            |

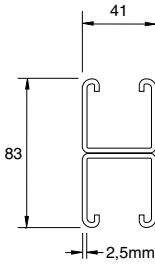
\*180 ≤ kL/r < 250

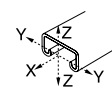
See page 14 for information on our Triple Slotted Channel

Stated loadings apply to mild steel products only.

# Unistrut P1001







$A = 6.70 \text{ cm}^2$   
 $\rho/m = 5.77 \text{ kg/m}$   
 $I_{y-y} = 36.27 \text{ cm}^4$   
 $Z_{y-y} = 8.78 \text{ cm}^3$   
 $r_{y-y} = 2.32 \text{ cm}$   
 $I_{z-z} = 18.46 \text{ cm}^4$   
 $Z_{z-z} = 8.94 \text{ cm}^3$   
 $r_{z-z} = 1.66 \text{ cm}$

HG
PO
PG
SS

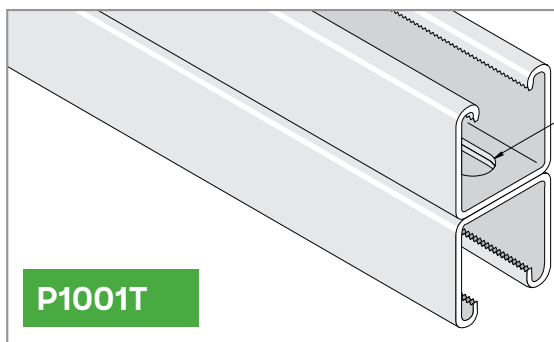
| Part No.      | Length | Finish |
|---------------|--------|--------|
| P1001X3000    | 3 m    | HG     |
| P1001PGX3000  | 3 m    | PG     |
| P1001SPPX3000 | 3 m    | SS     |
| P1001         | 6 m    | HG     |
| P1001PG       | 6 m    | PG     |
| P1001P        | 6 m    | PO     |
| P1001SPP      | 6 m    | SS     |

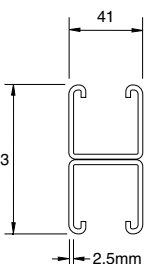
| L(mm) | F             |       | $\sigma = 175 \text{ N/mm}^2$ | $f = 1/200L$ | $f = 1/360L$ | $F_{(kN)}$ |
|-------|---------------|-------|-------------------------------|--------------|--------------|------------|
|       | $F_{max}(kN)$ | $f$   | $f_{max}(mm)$                 | F (kN)       | F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

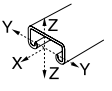
\*180 ≤ kL/r < 250

HG Continuously Seam Welded  
SS Spot Welded









$A = 6.00 \text{ cm}^2$   
 $\rho/m = 5.47 \text{ kg/m}$   
 $I_{y-y} = 36.21 \text{ cm}^4$   
 $Z_{y-y} = 8.77 \text{ cm}^3$   
 $r_{y-y} = 2.45 \text{ cm}$   
 $I_{z-z} = 18.34 \text{ cm}^4$   
 $Z_{z-z} = 8.88 \text{ cm}^3$   
 $r_{z-z} = 1.74 \text{ cm}$

DF
HG
PO
PG
SS

| Part No.    | Length | Finish |
|-------------|--------|--------|
| P1001TDFX3  | 3 m    | DF     |
| P1001THX3   | 3 m    | HG     |
| P1001TPGX3  | 3 m    | PG     |
| P1001TSPPX3 | 3 m    | SS     |
| P1001TDF    | 6 m    | DF     |
| P1001TH     | 6 m    | HG     |
| P1001TPG    | 6 m    | PG     |
| P1001TP     | 6 m    | PO     |
| P1001TSPP   | 6 m    | SS     |

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

HG Continuously Seam Welded  
PO PG SS Spot Welded



Stated loadings apply to mild steel products only.

# Unistrut P3300

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

P3300

HG

PO

PG

SS

| Part No.      | Length | Finish | L(mm) | F     |                             | $\sigma = 175 \text{ N/mm}^2$ | $f = 1/200L$ | $f = 1/360L$ | $F_{(kN)}$ |
|---------------|--------|--------|-------|-------|-----------------------------|-------------------------------|--------------|--------------|------------|
| P3300HX3000   | 3 m    | HG     |       |       | $F_{\text{max}}(\text{kN})$ | $f_{\text{max}}(\text{mm})$   | F (kN)       | F (kN)       | $F_{(kN)}$ |
| P3300X3       | 3 m    | PG     | 250   | 5.425 | 0.45                        | -                             | -            | -            | 10.222     |
| P3300PX3      | 3 m    | PO     | 500   | 2.708 | 1.81                        | -                             | -            | 2.080        | 9.761      |
| P3300SPPX3000 | 3 m    | SS     | 750   | 1.805 | 4.07                        | 1.658                         | 0.922        | -            | 8.427      |
| P3300H        | 6 m    | HG     | 1000  | 1.354 | 7.24                        | 0.932                         | 0.520        | -            | 6.769      |
| P3300         | 6 m    | PG     | 1250  | 1.079 | 11.32                       | 0.598                         | 0.324        | -            | 5.376      |
| P3300P        | 6 m    | PO     | 1500  | 0.903 | 16.30                       | 0.412                         | 0.226        | -            | 4.287*     |
| P3300SPP      | 6 m    | SS     | 1750  | 0.775 | 22.19                       | 0.304                         | -            | -            | 3.463*     |
|               |        |        | 200   | 0.677 | 28.99                       | 0.226                         | -            | -            | -          |

\*180 ≤ kL/r < 250

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

Also available in 2 mm thickness: ref P3100T10.

P3300T10

DF

HG

PO

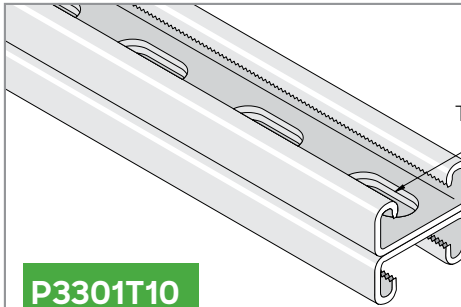
PG

SS

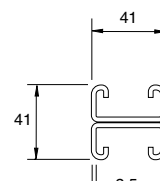
| Part No.      | Length | Finish | L(mm) | F     |                             | $\sigma = 175 \text{ N/mm}^2$ | $f = 1/200L$ | $f = 1/360L$ | $F_{(kN)}$ |
|---------------|--------|--------|-------|-------|-----------------------------|-------------------------------|--------------|--------------|------------|
| P3300T10DFX3  | 3 m    | DF     |       |       | $F_{\text{max}}(\text{kN})$ | $f_{\text{max}}(\text{mm})$   | F (kN)       | F (kN)       | $F_{(kN)}$ |
| P3300TH10X3   | 3 m    | HG     | 250   | 5.152 | 0.49                        | -                             | -            | -            | -          |
| P3300T10X3    | 3 m    | PG     | 500   | 2.576 | 1.97                        | -                             | -            | 1.819        | -          |
| P3300TP10X3   | 3 m    | PO     | 750   | 1.717 | 4.42                        | 1.455                         | 0.809        | -            | -          |
| P3300T10SPPX3 | 3 m    | SS     | 1000  | 1.288 | 7.87                        | 0.819                         | 0.455        | -            | -          |
| P3300T10DF    | 6 m    | DF     | 1250  | 1.030 | 12.29                       | 0.524                         | 0.291        | -            | -          |
| P3300TH10     | 6 m    | HG     | 1500  | 0.859 | 17.70                       | 0.364                         | -            | -            | -          |
| P3300T10      | 6 m    | PG     | 1750  | 0.736 | 24.09                       | 0.267                         | -            | -            | -          |
| P3300TP10     | 6 m    | PO     | 2000  | 0.644 | 31.46                       | -                             | -            | -            | -          |
| P3300T10SPP   | 6 m    | SS     |       |       |                             |                               |              |              |            |

Stated loadings apply to mild steel products only.

## Unistrut P3301



T=14mm x 28mm




$A = 4.09 \text{ cm}^2$   
 $\frac{A}{m} = 3.53 \text{ kg/m}$   
 $I_{y-y} = 6.42 \text{ cm}^4$   
 $I_{z-z} = 10.64 \text{ cm}^4$   
 $r_{y-y} = 1.25 \text{ cm}$   
 $r_{z-z} = 1.61 \text{ cm}$   
 $Z_{y-y} = 2.97 \text{ cm}^3$   
 $Z_{z-z} = 5.14 \text{ cm}^3$

**P3301T10**

DF HG PO PG SS

| Part No.     | Length | Finish |
|--------------|--------|--------|
| P3301T10HX3  | 3 m    | HG     |
| P3301T10PGX3 | 3 m    | PG     |
| P3301T10DF   | 6 m    | DF     |
| P3301T10H    | 6 m    | HG     |
| P3301T10PG   | 6 m    | PG     |
| P3301T10P    | 6 m    | PO     |
| P3301T10SPP  | 6M     | SS     |

| L(mm) | Fmax(kN) | fmax(mm) | F (kN) | F (kN) | F <sub>(kN)</sub> |
|-------|----------|----------|--------|--------|-------------------|
| 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  | -                 |

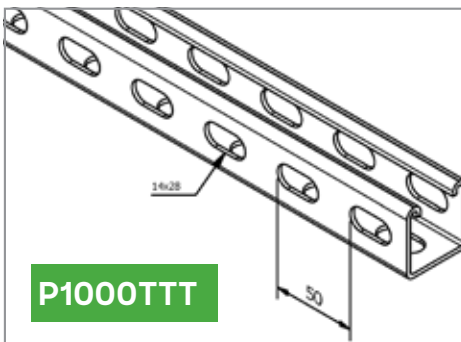
\*180 ≤ kL/r < 250

Stated loadings apply to mild steel products only.

**HG** Continuously Seam Welded  
**PO** **PG** **SS** Spot Welded

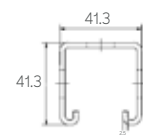


## Triple T (TTT)



14x25

50



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

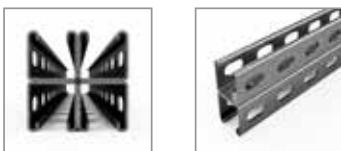
**P1000TTT**

PG HG SS

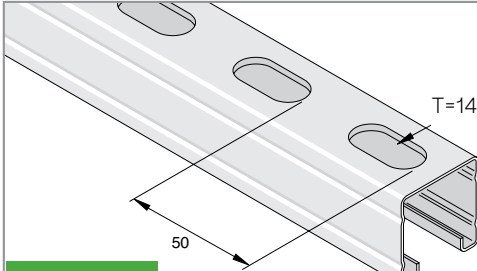
| Part No.       | Length | Finish |
|----------------|--------|--------|
| P1000TTTVHX3   | 3 m    | HG     |
| P1000TTTVX3    | 3 m    | PG     |
| P1000TTTVSPPX3 | 3 m    | SS     |
| P1000TTTVH     | 6 m    | HG     |
| P1000TTTV      | 6 m    | PG     |
| P1000TTTVP     | 6 m    | PO     |
| P1000TTTVSPP   | 6 m    | SS     |

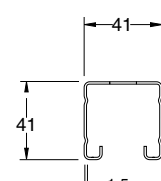
| L(mm) | Fmax(kN) | fmax(mm) | F (kN) | F (kN) | F <sub>(kN)</sub> |
|-------|----------|----------|--------|--------|-------------------|
| 250   | 15.266   | 0.27     | -      | -      | 15.426            |
| 500   | 7.632    | 1.05     | -      | -      | 15.237            |
| 750   | 5.088    | 2.35     | -      | 4.738  | 14.510            |
| 1000  | 3.811    | 4.18     | -      | 2.659  | 12.945            |
| 1250  | 3.048    | 6.54     | 3.071  | 1.707  | 11.286            |
| 1500  | 2.544    | 9.41     | 2.129  | 1.177  | 9.897             |
| 1750  | 2.181    | 12.81    | 1.560  | 0.863  | 8.769             |
| 2000  | 1.901    | 16.73    | 1.197  | 0.657  | 7.857             |
| 2250  | 1.696    | 21.18    | 0.942  | 0.520  | 7.092             |
| 2500  | 1.519    | 26.15    | 0.765  | 0.422  | 6.440             |
| 2750  | 1.379    | 31.64    | 0.628  | 0.343  | 5.881             |
| 3000  | 1.267    | 37.65    | 0.530  | 0.294  | 5.387             |

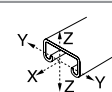
Triple T is also available in C41 & Back-to-Back on request.  
Contact our team today for more information.



# Unistrut P2000







$A = 1.92 \text{ cm}^2$   
 $\bar{m}/m = 1.72 \text{ kg/m}$   
 $I_{y-y} = 4.24 \text{ cm}^4$   
 $Z_{y-y} = 2.04 \text{ cm}^3$   
 $r_{y-y} = 1.48 \text{ cm}$   
 $I_{z-z} = 6.10 \text{ cm}^4$   
 $Z_{z-z} = 2.95 \text{ cm}^3$   
 $r_{z-z} = 1.78 \text{ cm}$

HG
PO
PG

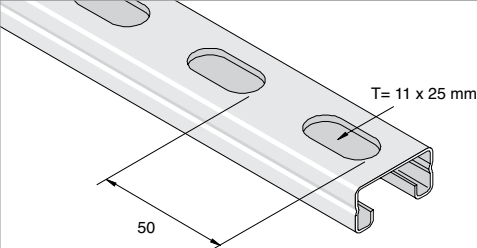
**P2000T**

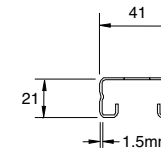
| Part No.  | Length | Finish |
|-----------|--------|--------|
| P2000THX3 | 3 m    | HG     |
| P2000TX3  | 3 m    | PG     |
| P2000TPX3 | 3 m    | PO     |
| P2000TH   | 6 m    | HG     |
| P2000T    | 6 m    | PG     |
| P2000TP   | 6 m    | PO     |

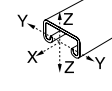
| L(mm) | F             |               | $\sigma = 175 \text{ N/mm}^2$ | $f = 1/200L$ | $f = 1/360L$ | $F_{(kN)}$ |
|-------|---------------|---------------|-------------------------------|--------------|--------------|------------|
|       | $F_{max}(kN)$ | $f_{max}(mm)$ |                               | F (kN)       | F (kN)       |            |
| 250   | 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*      |

\* K, L / r = >180 < 250

# Unistrut P4000







$A = 1.34 \text{ cm}^2$   
 $\bar{m}/m = 1.16 \text{ kg/m}$   
 $I_{y-y} = 0.78 \text{ cm}^4$   
 $Z_{y-y} = 0.71 \text{ cm}^3$   
 $r_{y-y} = 0.76 \text{ cm}$   
 $I_{z-z} = 3.66 \text{ cm}^4$   
 $Z_{z-z} = 1.77 \text{ cm}^3$   
 $r_{z-z} = 1.65 \text{ cm}$

HG
PO
PG

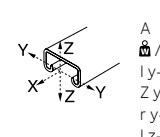
**P4000T10**

| Part No.   | Length | Finish |
|------------|--------|--------|
| P4000T10X3 | 3 m    | PG     |
| P4000T10   | 6 m    | PG     |

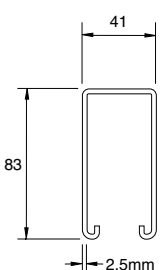
| L(mm) | F             |               | $\sigma = 175 \text{ N/mm}^2$ | $f = 1/200L$ | $f = 1/360L$ | $F_{(kN)}$ |
|-------|---------------|---------------|-------------------------------|--------------|--------------|------------|
|       | $F_{max}(kN)$ | $f_{max}(mm)$ |                               | F (kN)       | F (kN)       |            |
| 250   | 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         | -                             | -            | -            | -          |

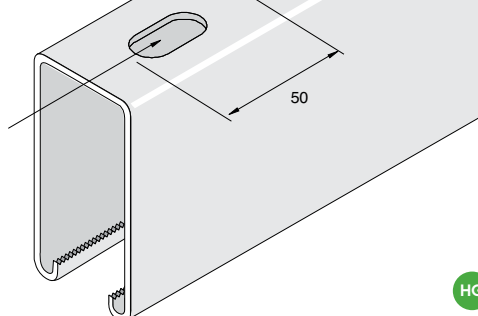
Stated loadings apply to mild steel products only.

## Unistrut P5000



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





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

P5000T

HG

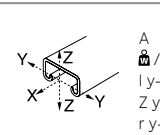
PG

| Part No. | Length | Finish |
|----------|--------|--------|
| P5000TX3 | 3 m    | PG     |
| P5000TH  | 6 m    | HG     |
| P5000T   | 6 m    | PG     |

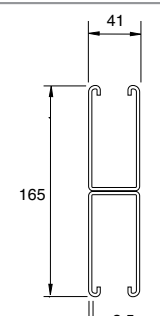
| L(mm) | F             |               | $\sigma = 132 \text{ N/mm}^2$ | $f = 1/200L$ | $f = 1/360L$ | $F_{(kN)}$ |
|-------|---------------|---------------|-------------------------------|--------------|--------------|------------|
|       | $F_{max(kN)}$ | $f_{max(mm)}$ |                               | 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      |

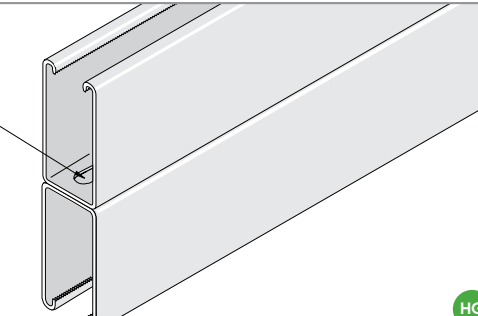
Slotted version available on request.

## Unistrut P5001



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





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

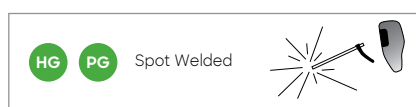
P5001T

HG

PG

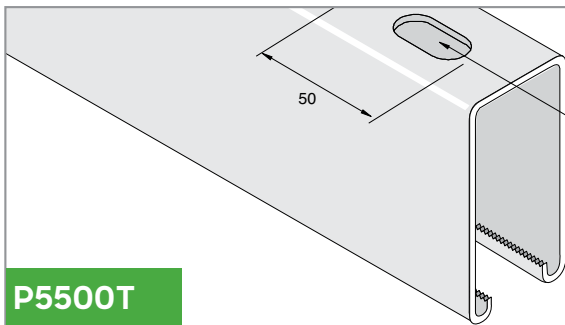
| Part No. | Length | Finish |
|----------|--------|--------|
| P5001TH  | 6 m    | HG     |
| P5001TPG | 6 m    | PG     |

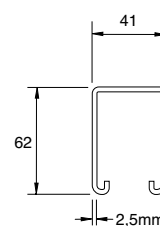
| L(mm) | F             |               | $\sigma = 132 \text{ N/mm}^2$ | $f = 1/200L$ | $f = 1/360L$ | $F_{(kN)}$ |
|-------|---------------|---------------|-------------------------------|--------------|--------------|------------|
|       | $F_{max(kN)}$ | $f_{max(mm)}$ |                               | 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     |

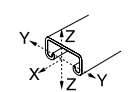


Stated loadings apply to mild steel products only.

# Unistrut P5500







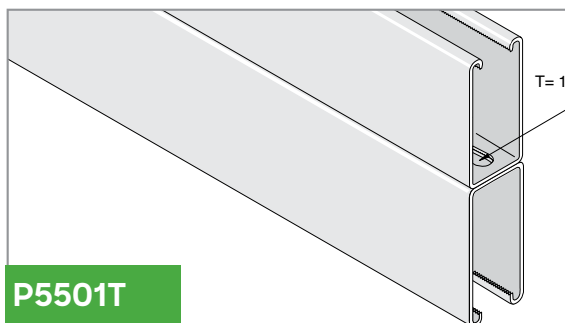
$A = 4.03 \text{ cm}^2$   
 $\rho/m = 3.60 \text{ kg/m}$   
 $I_{y-y} = 17.57 \text{ cm}^4$   
 $Z_{y-y} = 5.59 \text{ cm}^3$   
 $r_{y-y} = 2.09 \text{ cm}$   
 $I_{z-z} = 13.07 \text{ cm}^4$   
 $Z_{z-z} = 6.33 \text{ cm}^3$   
 $r_{z-z} = 1.79 \text{ cm}$

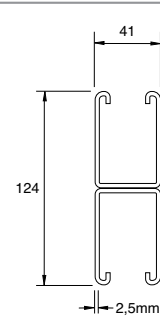
DF
HG
PG

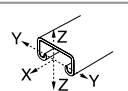
| Part No.   | Length | Finish |
|------------|--------|--------|
| P5500TDFX3 | 3 m    | DF     |
| P5500THX3  | 3 m    | HG     |
| P5500TPGX3 | 3 m    | PG     |
| P5500TDF   | 6 m    | DF     |
| P5500TH    | 6 m    | HG     |
| P5500T     | 6 m    | PG     |

| L(mm) | F             |               | $\sigma = 167 \text{ N/mm}^2$ | $f = 1/200L$ | $f = 1/360L$ | $F_{(kN)}$ |
|-------|---------------|---------------|-------------------------------|--------------|--------------|------------|
|       | $F_{max}(kN)$ | $f_{max}(mm)$ |                               |              |              |            |
| 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        |            |

# Unistrut P5501







$A = 8.06 \text{ cm}^2$   
 $\rho/m = 7.21 \text{ kg/m}$   
 $I_{y-y} = 109.74 \text{ cm}^4$   
 $Z_{y-y} = 17.70 \text{ cm}^3$   
 $r_{y-y} = 3.69 \text{ cm}$   
 $I_{z-z} = 26.14 \text{ cm}^4$   
 $Z_{z-z} = 12.66 \text{ cm}^3$   
 $r_{z-z} = 1.80 \text{ cm}$

HG
PG

| Part No. | Length | Finish |
|----------|--------|--------|
| P5501TH  | 6 m    | HG     |
| P5501TPG | 6 m    | PG     |

| L(mm) | F             |               | $\sigma = 167 \text{ N/mm}^2$ | $f = 1/200L$ | $f = 1/360L$ | $F_{(kN)}$ |
|-------|---------------|---------------|-------------------------------|--------------|--------------|------------|
|       | $F_{max}(kN)$ | $f_{max}(mm)$ |                               |              |              |            |
| 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     |

HG
PG

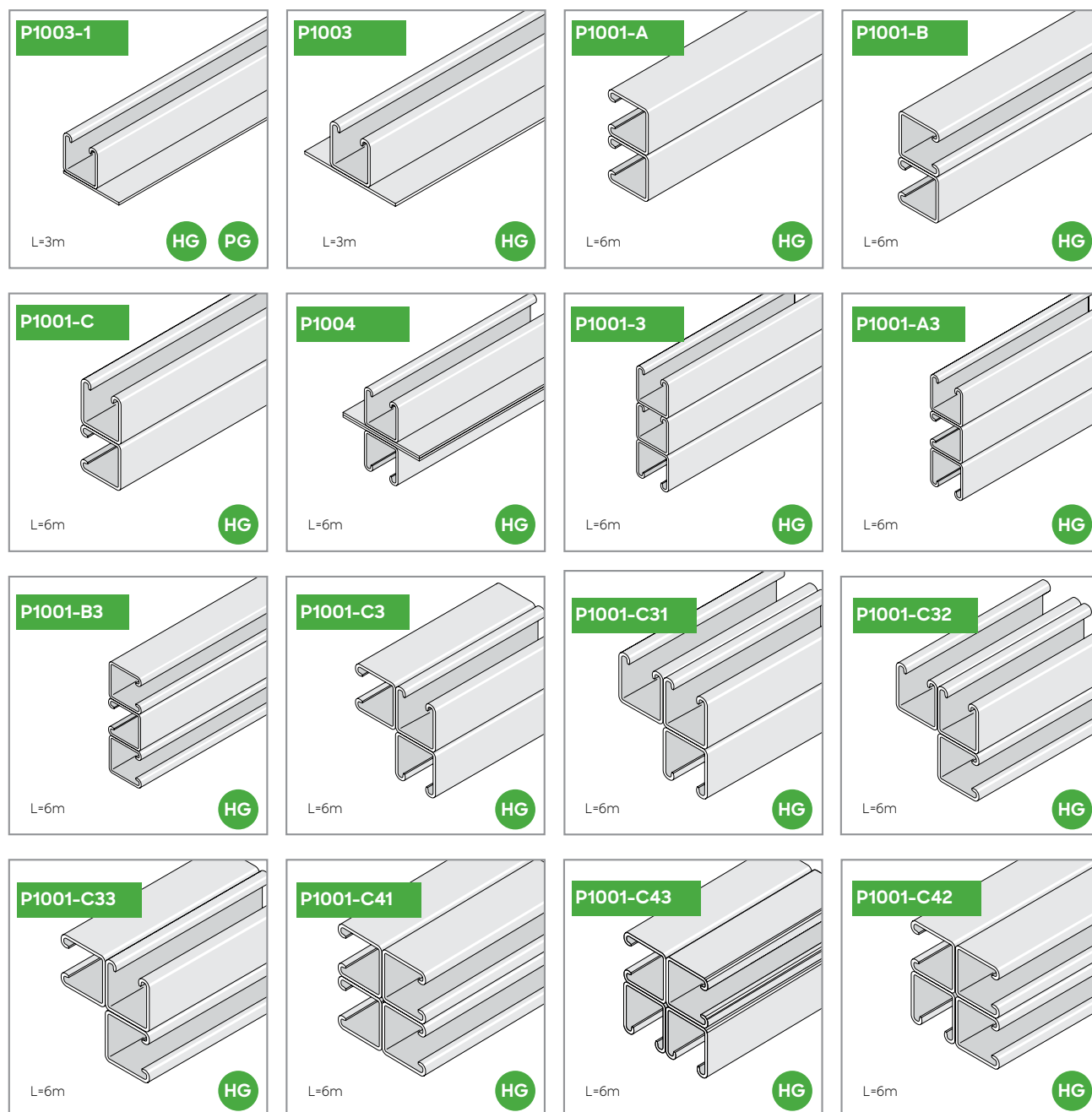
Spot Welded



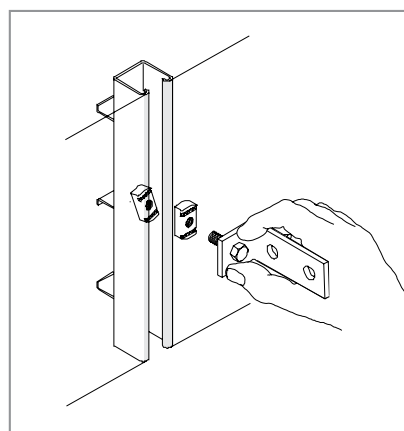
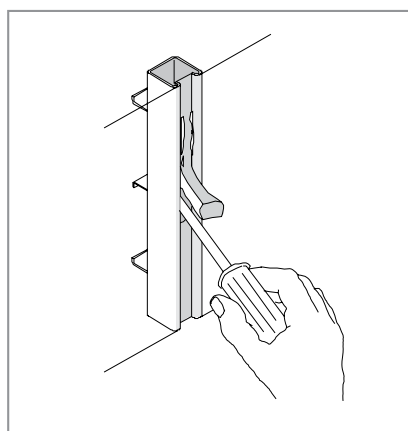
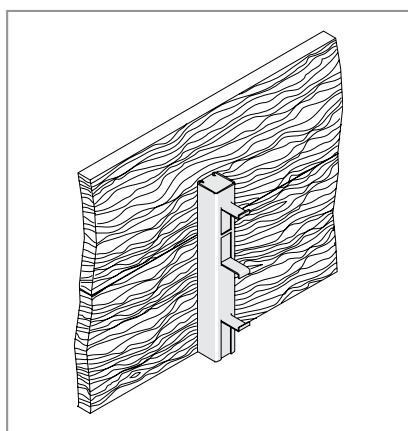
Stated loadings apply to mild steel products only.

# Unistrut P1000 Special Channels

P1000 Special Channels are available on request.



# Concrete Inserts



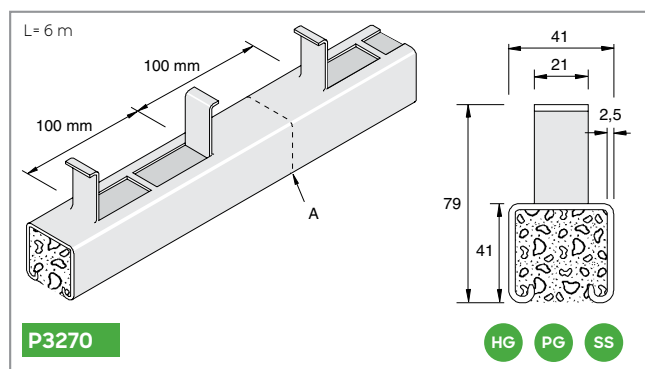
## Concrete Inserts

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

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

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

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



P3270 inserts are designed to accommodate M6, M8, M10, M12 & M16 fixings. Cutting positions are located between lugs as indicated (A) in increments of 200mm.

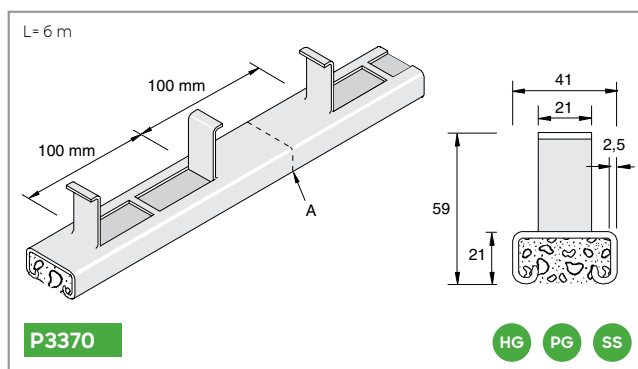
| Part No. | Length | Finish |
|----------|--------|--------|
| P3270H   | 6 m    | HG     |
| P3270    | 6 m    | PG     |
| P3270SPP | 6 m    | SS     |

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

| Part No. | Pullout | Length |
|----------|---------|--------|
| P3270    | 8.8kN   | 300mm  |

\*B = 25 N/mm<sup>2</sup>

Stated loadings apply to mild steel products only.



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

| Part No. | Length | Finish |
|----------|--------|--------|
| P3370H   | 6 m    | HG     |
| P3370    | 6 m    | PG     |
| P3370SPP | 6 m    | SS     |

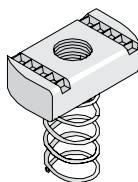
The recommended loading in average strength concrete\* with a safety factor of 3, is:

| Part No. | Pullout | Length |
|----------|---------|--------|
| P3370    | 6.7kN   | 300mm  |

\*B = 25 N/mm<sup>2</sup>

# Unistrut Channel Nuts

Suitable for P1000, P2000 & P3270

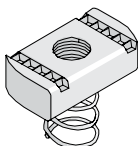


**PNL06-PNL12A**

DF HG SS ZP

| Part No. |          |          |          | Thread Size | W /100 |     |
|----------|----------|----------|----------|-------------|--------|-----|
| DF       | HG       | SS       | ZP       |             |        |     |
| n/a      | PNL06HG  | PNL06SS  | PNL06ZP  | M6          | 3.26   | 100 |
| n/a      | PNL08HG  | PNL08SS  | PNL08ZP  | M8          | 3.53   | 100 |
| PNL10DF  | PNL10HG  | PNL10SS  | PNL10ZP  | M10         | 3.95   | 100 |
| n/a      | PNL12HG  | n/a      | PNL12ZP  | M12         | 4.78   | 100 |
| PNL12ADF | PNL12AHG | PNL12ASS | PNL12AZP | M12         | 3.43   | 100 |

Suitable for P3300, P4000 & P3370

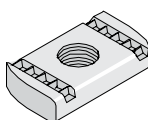


**PNS06-PNS12A**

HG SS ZP

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

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



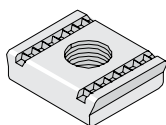
**PNP06-PNP12A**

DF HG SS ZP

| Part No. |          |          |          | Thread Size | W /100 |     |
|----------|----------|----------|----------|-------------|--------|-----|
| DF       | HG       | SS       | ZP       |             |        |     |
| n/a      | PNP06HG  | PNP06SS  | PNP06ZP  | M6          | 3.10   | 100 |
| n/a      | PNP08HG  | PNP08SS  | PNP08ZP  | M8          | 3.40   | 100 |
| PNP10DF  | PNP10HG  | PNP10SS  | PNP10ZP  | M10         | 3.80   | 100 |
| PNP12DF  | PNP12HG  | n/a      | PNP12ZP  | M12         | 4.68   | 100 |
| PNP12ADF | PNP12AHG | PNP12ASS | PNP12AZP | M12         | 3.43   | 100 |

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

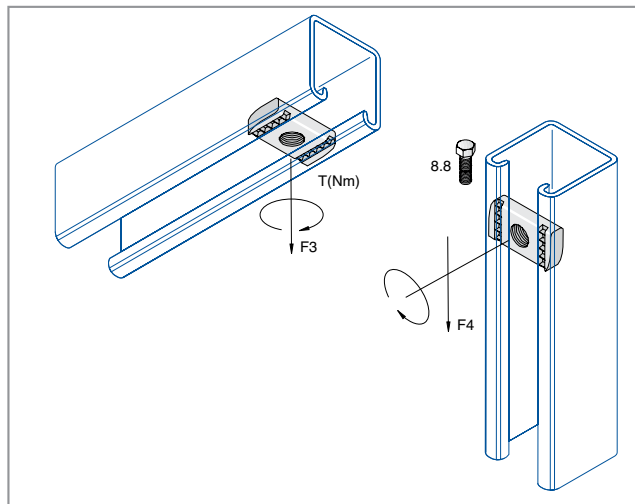
Suitable for P1000, P5000, P5500 & P3270



**PNP16**

ZP

| Part No. | Finish ZP | Thread Size | W /100 |     |
|----------|-----------|-------------|--------|-----|
| PNP16ZP* | -         | M16         | 8.00   | 100 |



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

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

Contact our technical team today for further information.

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

# Unistrut Stud Nuts

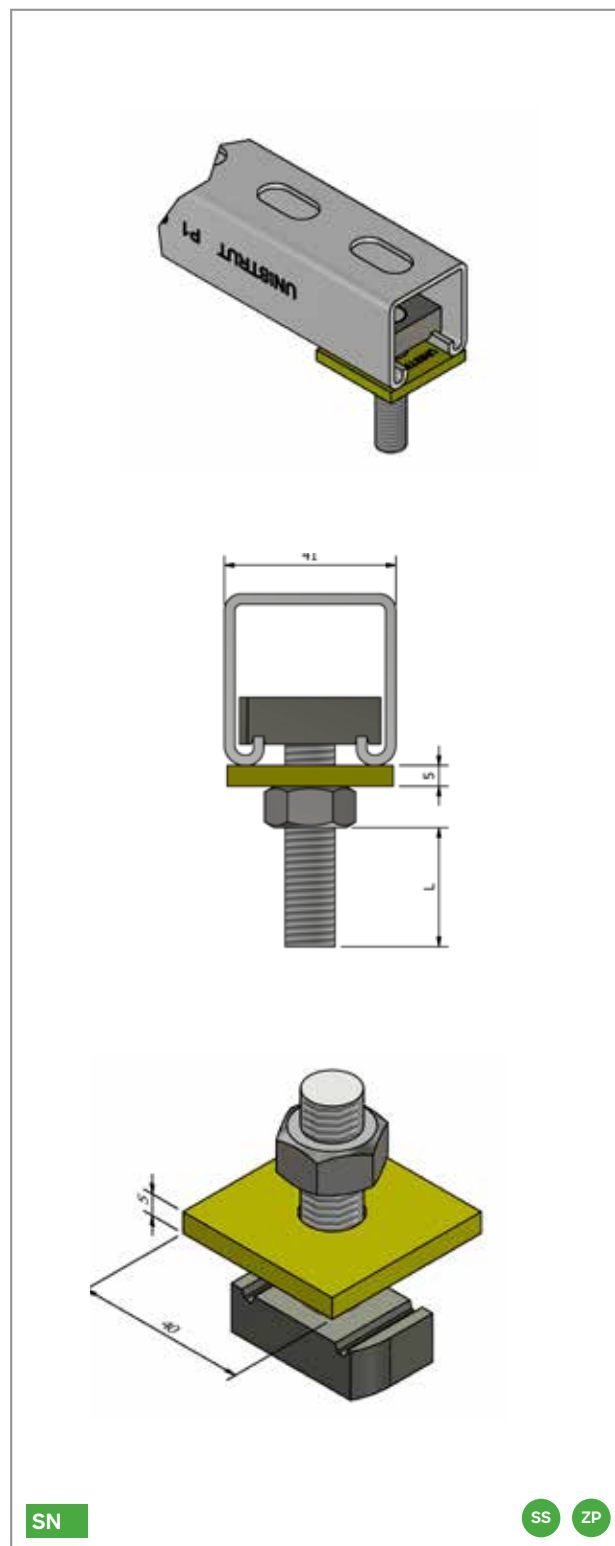
| Part No. | L      |     |
|----------|--------|-----|
| M6X30SN  | 18.5mm | 100 |

| Part No. |           | L      |     |
|----------|-----------|--------|-----|
| ZP       | SS        |        |     |
| M8X30SN  | n/a       | 15.5mm | 100 |
| M8X40SN  | M8X40SNSS | 25.5mm | 100 |
| M8X50SN  | n/a       | 35.5mm | 100 |
| M8X60SN  | n/a       | 45.5mm | 100 |
| M8X75SN  | n/a       | 60.5mm | 100 |
| n/a      | n/a       | 85.5mm | 100 |

| Part No.  |            | L    |     |
|-----------|------------|------|-----|
| ZP        | SS         |      |     |
| M10X30SN  | n/a        | 13mm | 100 |
| M10X40SN  | M10X40SNSS | 23mm | 100 |
| M10X50SN  | n/a        | 33mm | 100 |
| M10X60SN  | n/a        | 43mm | 100 |
| M10X75SN  | n/a        | 68mm | 100 |
| M10X100SN | n/a        | 83mm | 100 |

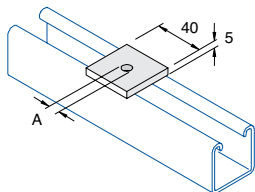
| Part No.  |            | L    |     |
|-----------|------------|------|-----|
| ZP        | SS         |      |     |
| M12X30SN  | n/a        | 11mm | 100 |
| M12X40SN  | M12X40SNSS | 21mm | 100 |
| M12X50SN  | n/a        | 31mm | 100 |
| M12X60SN  | n/a        | 41mm | 100 |
| M12X75SN  | n/a        | 56mm | 100 |
| M12X100SN | n/a        | 81mm | 100 |

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



\* Hot forged

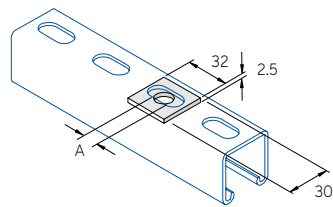
# Unistrut Flat Fittings



**P1019 / P1020**

DF HG SS

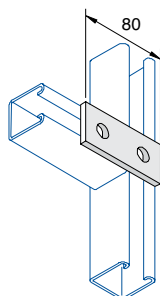
| DF      | Part No. | SS      | (mm) |         |      |     |
|---------|----------|---------|------|---------|------|-----|
| n/a     | HG P1019 | P1019SS | 9    | M6/M8   | 0.06 | 100 |
| P1020DF | P1020    | P1020SS | 13   | M10/M12 | 0.06 | 100 |



**P1063/06 - P1063/12**

HG SS

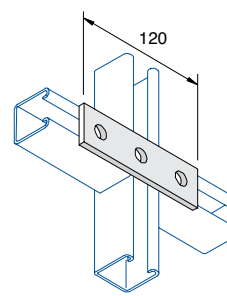
| PG       | Part No.   | SS | (mm) |     |      |     |
|----------|------------|----|------|-----|------|-----|
| P1063/06 | P1063/06SS |    | 8    | M6  | 0.02 | 200 |
| P1063/08 | P1063/08SS |    | 10   | M8  | 0.02 | 200 |
| P1063/10 | P1063/10SS |    | 12   | M10 | 0.02 | 200 |
| P1063/12 | P1063/12SS |    | 14   | M12 | 0.02 | 200 |



**P1065**

DF HG SS

| DF      | Part No. | SS      | (mm) |  |      |    |
|---------|----------|---------|------|--|------|----|
| P1065DF | HG P1065 | P1065SS | 8    |  | 0.17 | 20 |

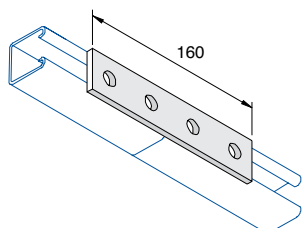


**P1066**

DF HG SS

| DF      | Part No. | SS      |  |  |      |    |
|---------|----------|---------|--|--|------|----|
| P1066DF | HG P1066 | P1066SS |  |  | 0.25 | 20 |

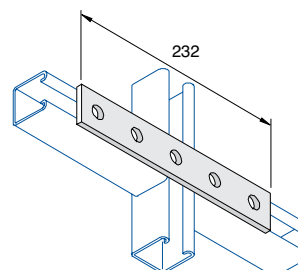
\*Not Structural Coupler



**P1067**

DF HG SS

| DF      | Part No. | SS      |  |  |      |    |
|---------|----------|---------|--|--|------|----|
| P1067DF | HG P1067 | P1067SS |  |  | 0.35 | 20 |

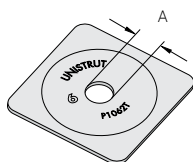


**P1941**

HG SS

| HG    | Part No. | SS |  |  |      |    |
|-------|----------|----|--|--|------|----|
| P1941 | P1941SS  |    |  |  | 0.43 | 20 |

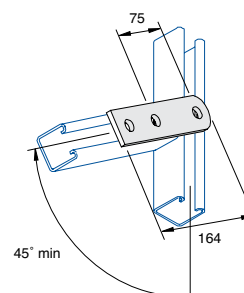
# Unistrut Flat Fittings



**P1062T/P1064T**

PG

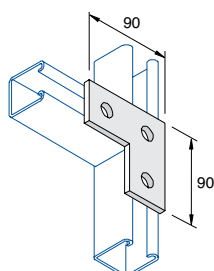
| Part No.<br>PG | (mm) |     | W<br>/100 |     |
|----------------|------|-----|-----------|-----|
| P1062T         | 8    | M6  | 3.0       | 100 |
| P1062AT        | 10   | M8  | 3.0       | 100 |
| P1063T         | 12   | M10 | 3.0       | 100 |
| P1064T         | 14   | M12 | 3.0       | 100 |



**P2322**

HG

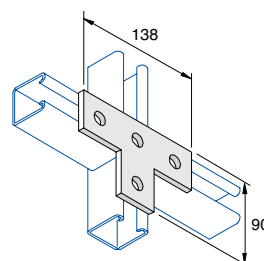
| Part No.<br>HG | W    |    |
|----------------|------|----|
| P2322          | 0.34 | 25 |



**P1036**

DF HG SS

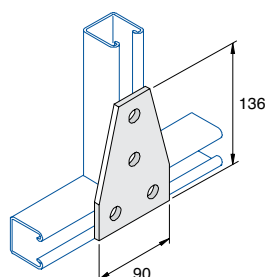
| DF      | Part No.<br>HG | SS      | W    |    |
|---------|----------------|---------|------|----|
| P1036DF | P1036          | P1036SS | 0.26 | 25 |



**P1031**

DF HG SS

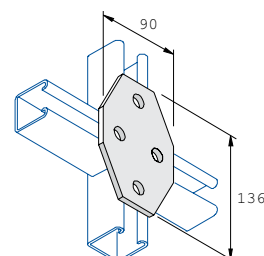
| DF      | Part No.<br>HG | SS      | W    |    |
|---------|----------------|---------|------|----|
| P1031DF | P1031          | P1031SS | 0.36 | 25 |



**P1358**

DF HG SS

| DF      | Part No.<br>HG | SS      | W    |    |
|---------|----------------|---------|------|----|
| P1358DF | P1358          | P1358SS | 0.48 | 10 |

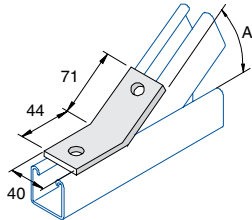


**P1580**

DF HG SS

| DF      | Part No.<br>HG | SS      | W    |    |
|---------|----------------|---------|------|----|
| P1580DF | P1580          | P1580SS | 0.37 | 10 |

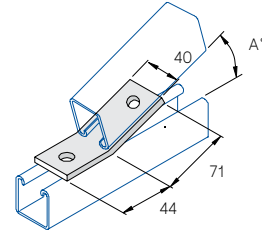
# Unistrut Angle Fittings



**P1546, P2095 & P2097**

HG SS

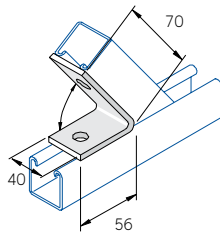
| Part No. |         | A°  | W    |    |
|----------|---------|-----|------|----|
| HG       | SS      |     |      |    |
| P1546    | P1546SS | 45° | 0.26 | 10 |
| P2097    | P2097SS | 60° | 0.26 | 10 |
| P2095    | P2095SS | 75° | 0.26 | 10 |



**P2101 - P2103**

HG

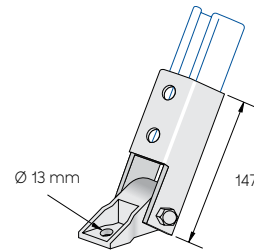
| Finish | A°  | W    |    |
|--------|-----|------|----|
| HG     |     |      |    |
| P2101  | 30° | 0.26 | 10 |
| P2103  | 15° | 0.26 | 10 |



**P1186, P2106 & P2108**

HG SS

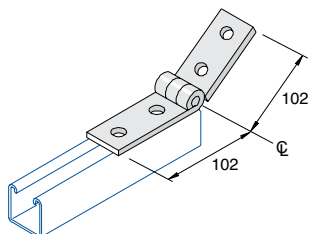
| Part No. |         | A°  | W    |    |
|----------|---------|-----|------|----|
| HG       | SS      |     |      |    |
| P1186    | P1186SS | 45° | 0.26 | 20 |
| P2106    | P2106SS | 75° | 0.26 | 10 |
| P2108    | P2108SS | 60° | 0.26 | 20 |



**P2815S**

ZP

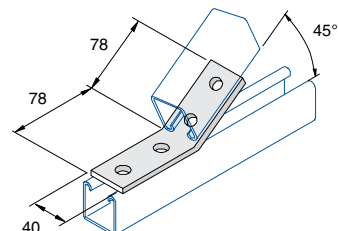
| Part No. | Finish | W    |    |
|----------|--------|------|----|
| P2815S   | ZP     | 1.53 | 10 |



**P1354**

DF ZP

| Part No. |       | W    |    |
|----------|-------|------|----|
| DF       | ZP    |      |    |
| P1354DF  | P1354 | 0.55 | 20 |

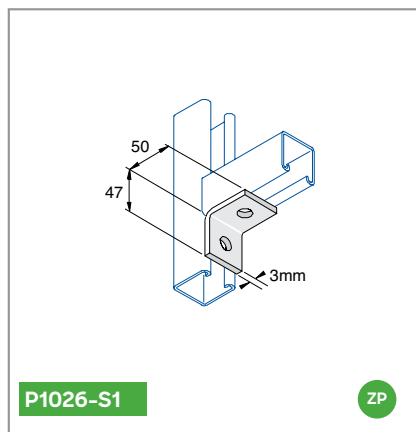


**P1074**

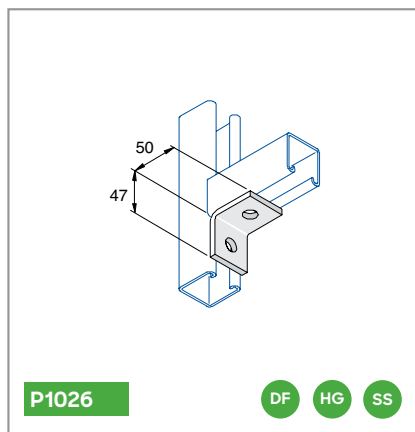
HG SS

| Part No. |         | W    |    |
|----------|---------|------|----|
| HG       | SS      |      |    |
| P1074    | P1074SS | 0.35 | 20 |

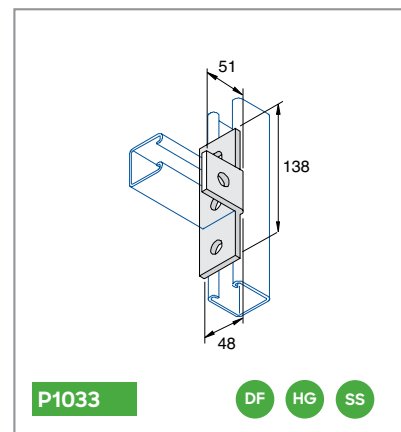
# Unistrut Angle Fittings



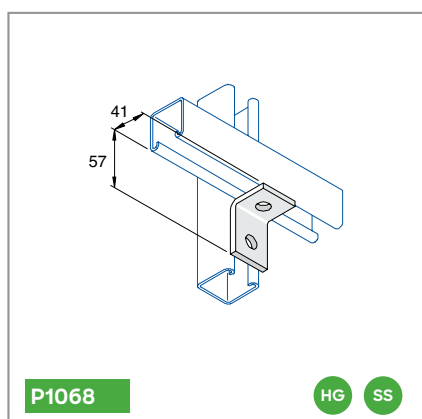
| Part No. | Finish | W    |     |
|----------|--------|------|-----|
| P1026-S1 | ZP     | 0.07 | 100 |



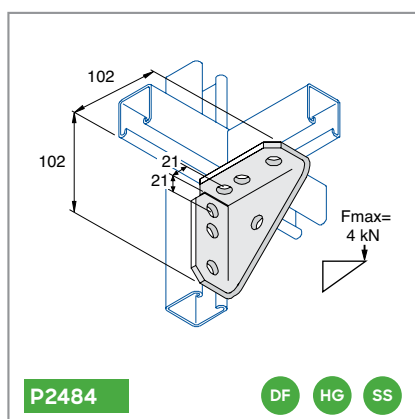
| Part No. | DF    | HG      | SS   | W   |  |
|----------|-------|---------|------|-----|--|
| P1026DF  | P1026 | P1026SS | 0.17 | 100 |  |



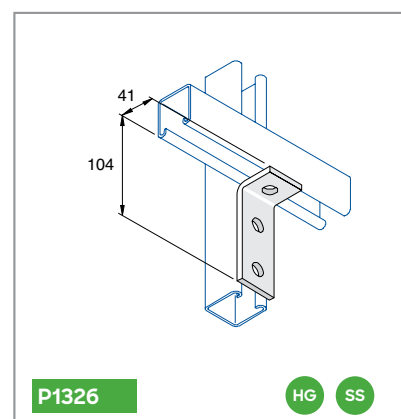
| Part No. | DF    | HG      | SS   | W  |  |
|----------|-------|---------|------|----|--|
| P1033DF  | P1033 | P1033SS | 0.36 | 25 |  |



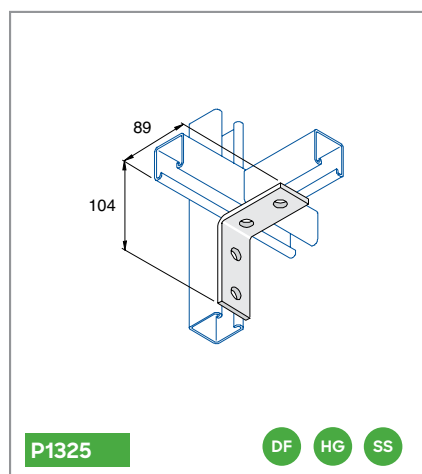
| Part No. | HG      | SS   | W  |  |
|----------|---------|------|----|--|
| P1068    | P1068SS | 0.17 | 25 |  |



| Part No. | DF    | HG      | SS   | W  |  |
|----------|-------|---------|------|----|--|
| P2484DF  | P2484 | P2484SS | 0.61 | 10 |  |



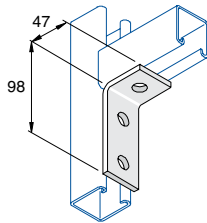
| Part No. | HG      | SS   | W  |  |
|----------|---------|------|----|--|
| P1326    | P1326SS | 0.26 | 25 |  |



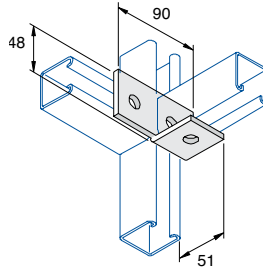
| Part No. | DF    | HG      | SS   | W  |  |
|----------|-------|---------|------|----|--|
| P1325DF  | P1325 | P1325SS | 0.35 | 25 |  |

Stated loadings apply to mild steel products only.

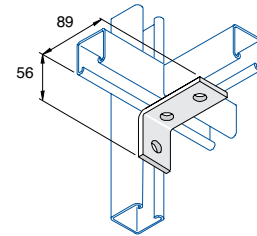
## 90° Angle Fittings


**P1346**
**HG SS**

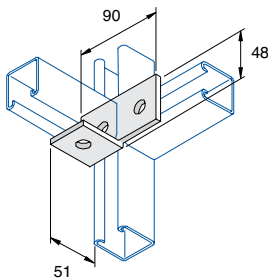
| Part No. |         |  |  |
|----------|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| HG       | SS      |                                                                                   |                                                                                   |
| P1346    | P1346SS | 0.26                                                                              | 20                                                                                |


**P1037**
**HG SS**

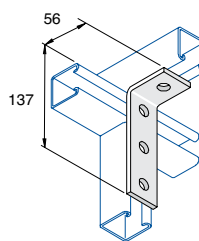
| Part No. |         |  |  |
|----------|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| HG       | SS      |                                                                                   |                                                                                   |
| P1037    | P1037SS | 0.26                                                                              | 10                                                                                |


**P1458**
**HG SS**

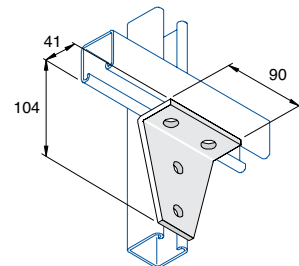
| Part No. |         |  |  |
|----------|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| HG       | SS      |                                                                                     |                                                                                     |
| P1458    | P1458SS | 0.26                                                                                | 10                                                                                  |


**P1038**
**HG**

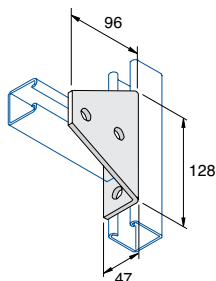
| Part No. | Finish |  |  |
|----------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| HG       | HG     |                                                                                     |                                                                                     |
| P1038    | HG     | 0.26                                                                                | 10                                                                                  |


**P1278**
**HG SS**

| Part No. |         |  |  |
|----------|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| HG       | SS      |                                                                                     |                                                                                     |
| P1278    | P1278SS | 0.26                                                                                | 20                                                                                  |


**P1359**
**DF HG SS**

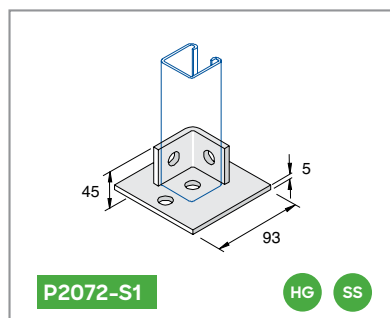
|  | Part No. |         |  |  |
|---------------------------------------------------------------------------------------|----------|---------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                       | DF       | SS      |                                                                                       |                                                                                       |
|                                                                                       | P1359DF  | P1359SS | 0.48                                                                                  | 10                                                                                    |


**P1727**
**HG SS**

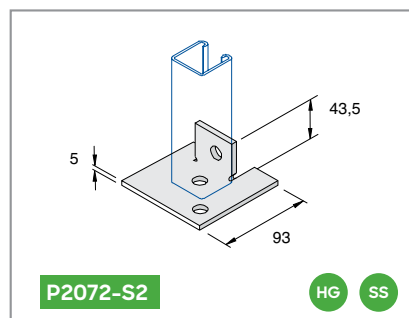
| Part No. |         |  |  |
|----------|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| HG       | SS      |                                                                                     |                                                                                     |
| P1727    | P1727SS | 0.70                                                                                | 10                                                                                  |

Stated loadings apply to mild steel products only.

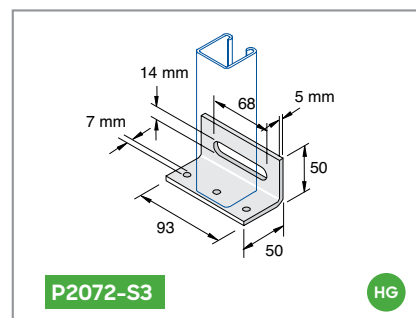
# Base Fittings & Wing Fittings



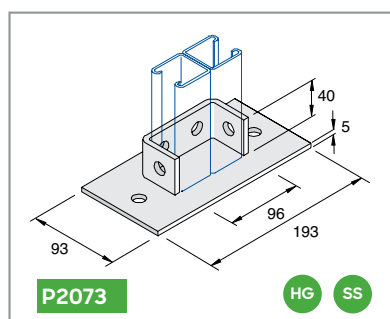
| Part No. |            | W    |    |
|----------|------------|------|----|
| HG       | SS         |      |    |
| P2072-S1 | P2072-S1SS | 0.48 | 10 |



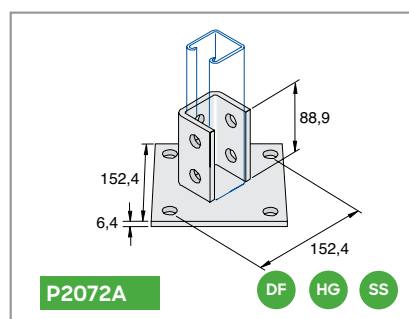
| Part No. |            | W    |    |
|----------|------------|------|----|
| HG       | SS         |      |    |
| P2072-S2 | P2072-S2SS | 0.33 | 10 |



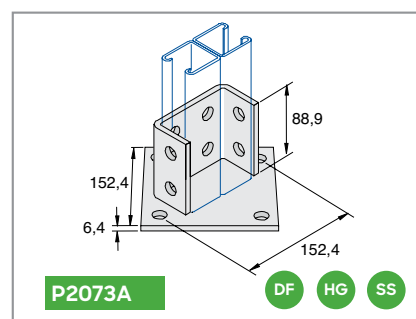
| Part No. | Finish | W    |    |
|----------|--------|------|----|
| P2072-S3 | HG     |      |    |
| P2072-S3 | HG     | 0.30 | 10 |



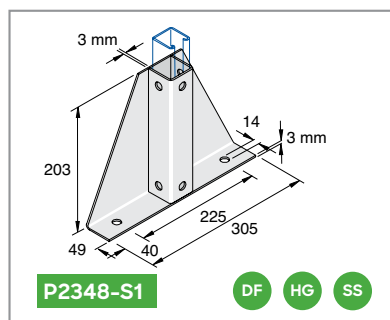
| Part No. |         | W    |    |
|----------|---------|------|----|
| HG       | SS      |      |    |
| P2073    | P2073SS | 0.98 | 10 |



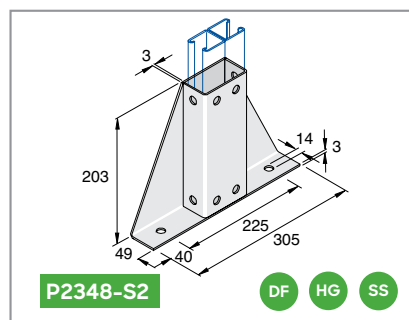
|          | Part No. |          | W    |    |
|----------|----------|----------|------|----|
|          | DF       | SS       |      |    |
| P2072ADF | P2072A   | P2072ASS | 1.70 | 10 |



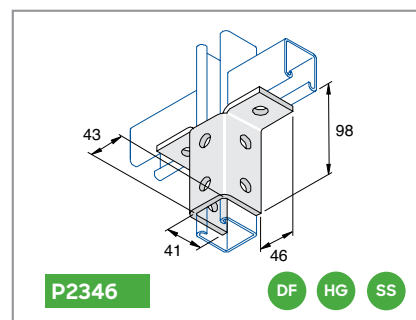
|          | Part No. |          | W    |    |
|----------|----------|----------|------|----|
|          | DF       | SS       |      |    |
| P2073ADF | P2073A   | P2073ASS | 1.80 | 10 |



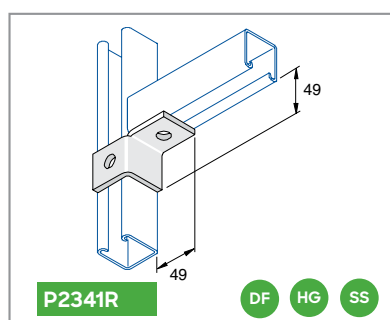
|            | Part No. |            | W    |   |
|------------|----------|------------|------|---|
|            | DF       | SS         |      |   |
| P2348-S1DF | P2348-S1 | P2348-S1SS | 1.95 | 1 |



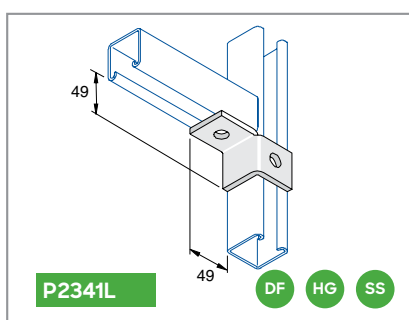
|            | Part No. |            | W    |   |
|------------|----------|------------|------|---|
|            | DF       | SS         |      |   |
| P2348-S2DF | P2348-S2 | P2348-S2SS | 2.15 | 1 |



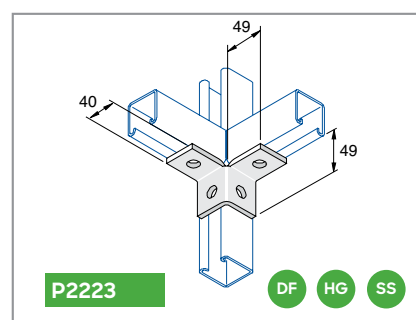
|         | Part No. |         | W    |    |
|---------|----------|---------|------|----|
|         | DF       | SS      |      |    |
| P2346DF | P2346    | P2346SS | 0.68 | 10 |



|          | Part No. |          | W    |    |
|----------|----------|----------|------|----|
|          | DF       | SS       |      |    |
| P2341RDF | P2341R   | P2341RSS | 0.21 | 25 |

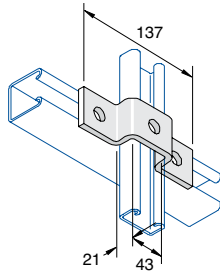


|          | Part No. |          | W    |    |
|----------|----------|----------|------|----|
|          | DF       | SS       |      |    |
| P2341LDF | P2341L   | P2341LSS | 0.21 | 25 |

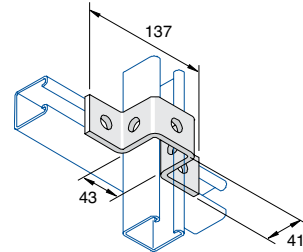


|         | Part No. |         | W    |    |
|---------|----------|---------|------|----|
|         | DF       | SS      |      |    |
| P2223DF | P2223    | P2223SS | 0.35 | 25 |

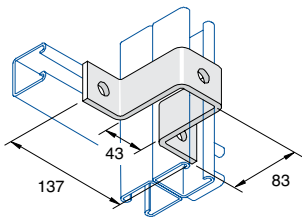
## U & Z Fittings


**P4047**
**HG SS**

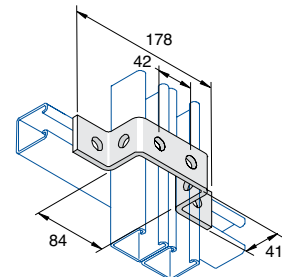
| Part No. |         | W    |    |
|----------|---------|------|----|
| HG       | SS      |      |    |
| P4047    | P4047SS | 0.32 | 10 |


**P1047**
**DF HG SS**

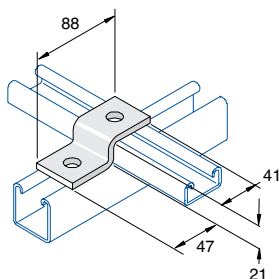
| DF      | Part No. |         | W    |    |
|---------|----------|---------|------|----|
|         | HG       | SS      |      |    |
| P1047DF | P1047    | P1047SS | 0.40 | 10 |


**P1737**
**DF HG SS**

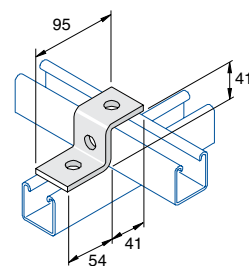
| DF      | Part No. |         | W    |    |
|---------|----------|---------|------|----|
|         | HG       | SS      |      |    |
| P1737DF | P1737    | P1737SS | 0.58 | 10 |


**P1043**
**HG SS**

| Part No. |         | W    |    |
|----------|---------|------|----|
| HG       | SS      |      |    |
| P1043    | P1043SS | 0.48 | 20 |

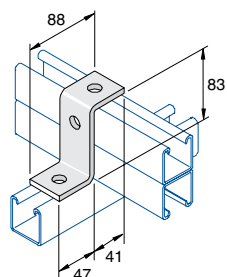

**P4045**
**HG SS**

| Part No. |         | W    |    |
|----------|---------|------|----|
| HG       | SS      |      |    |
| P4045    | P4045SS | 0.21 | 20 |


**P1045**
**DF HG SS**

| DF      | Part No. |         | W    |    |
|---------|----------|---------|------|----|
|         | HG       | SS      |      |    |
| P1045DF | P1045    | P1045SS | 0.25 | 20 |

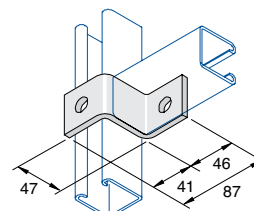
# U & Z Fittings & Channel Couplers



**P1453**

DF HG SS

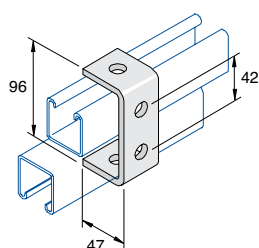
| DF      | Part No.<br>HG | SS      | W    |    |
|---------|----------------|---------|------|----|
| P1453DF | P1453          | P1453SS | 0.32 | 25 |



**P1347**

HG SS

| HG    | Part No.<br>SS | W    |    |
|-------|----------------|------|----|
| P1347 | P1347SS        | 0.25 | 25 |

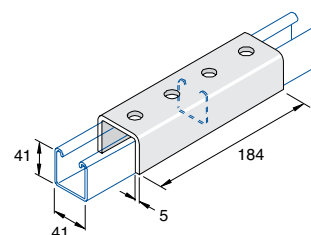


**P1044**

DF HG SS

| DF      | Part No.<br>HG | SS      | W    |    |
|---------|----------------|---------|------|----|
| P1044DF | P1044          | P1044SS | 0.32 | 25 |

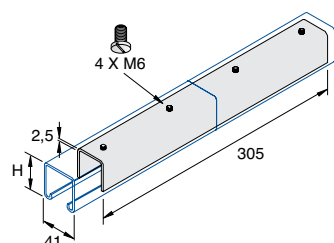
Recommended for continuous beam



**P1377**

DF HG SS

| DF      | Part No.<br>HG | SS      | W    |    |
|---------|----------------|---------|------|----|
| P1377DF | P1377          | P1377SS | 1.20 | 10 |



**P1218**

H=21  
P1219  
H=41  
P1218

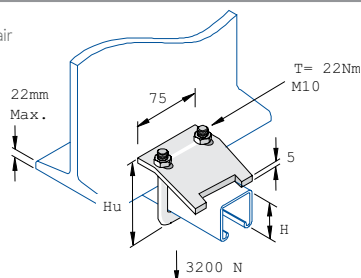
PG SS

| PG    | Part No.<br>SS | W    |    |
|-------|----------------|------|----|
| P1218 | P1218SS        | 0.56 | 10 |



## Beam Clamps

\* Used in pair

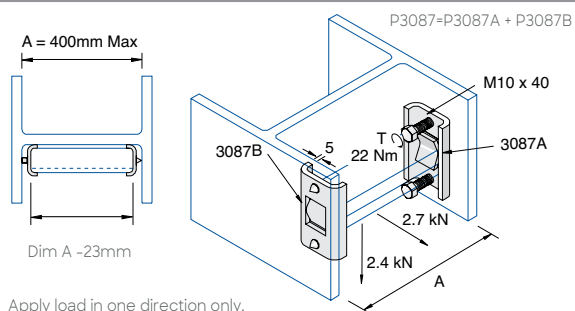


Loadings are per beam clamp and used in pairs.  
Mild steel u bolts are zinc plated.

**P2785 - P2787**

HG SS

| Part No. |         | H (mm)  | Hu (mm) | W    |    |
|----------|---------|---------|---------|------|----|
| HG       | SS      |         |         |      |    |
| P2785    | P2785SS | 21-41   | 86      | 0.31 | 20 |
| P2786    | P2786SS | 62-83   | 127     | 0.35 | 20 |
| P2787    | n/a     | 124-164 | 209     | 0.43 | 20 |

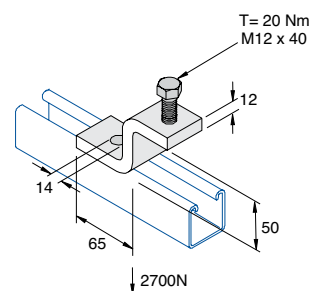


Apply load in one direction only.  
Mild steel cone pointed screws are zinc plated.

**P3087**

HG SS

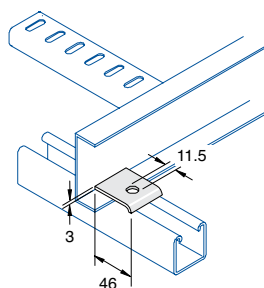
| Part No. |         | W    |    |
|----------|---------|------|----|
| HG       | SS      |      |    |
| P3087    | P3087SS | 0.67 | 10 |



**P1983**

DF HG SS

| Part No. |               | W    |    |
|----------|---------------|------|----|
| DF       | HG SS         |      |    |
| P1983DF  | P1983 P1983SS | 0.39 | 10 |

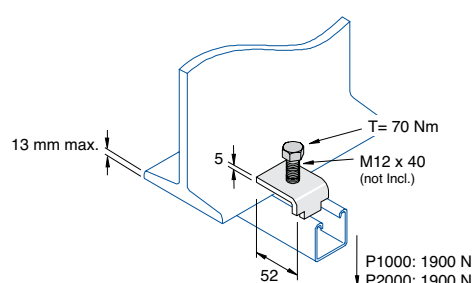


**P1386-S1**

ZP

| Part No. | Finish | W |    |
|----------|--------|---|----|
| P1386-S1 | ZP     |   | 20 |

\* Used in pair



**P1386**

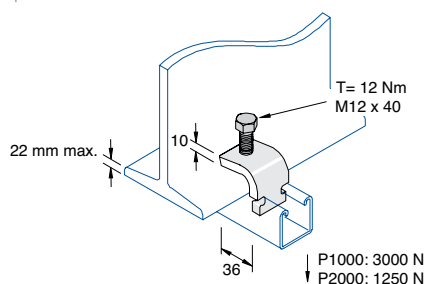
HG SS

| Part No. |         | W     |    |
|----------|---------|-------|----|
| HG       | SS      |       |    |
| P1386    | P1386SS | 0.042 | 20 |

Stated loadings apply to mild steel products only.

# Beam Clamps

\* Used in pair

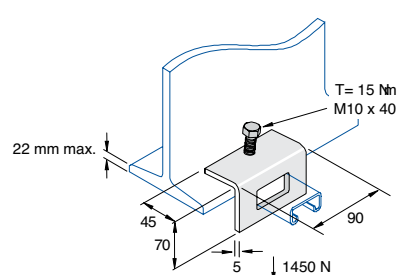


**P2489**

DF HG

| Part No. |       | W | P |
|----------|-------|---|---|
| DF       | HG    |   |   |
| P2489DF  | P2489 |   |   |

\* Used in pair

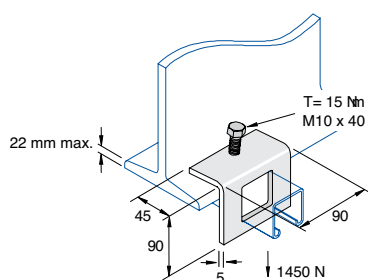


**P1796-A**

HG SS

| Part No. |           | W    | P  |
|----------|-----------|------|----|
| HG       | SS        |      |    |
| P1796-A  | P1796-ASS | 0.39 | 10 |

\* Used in pair

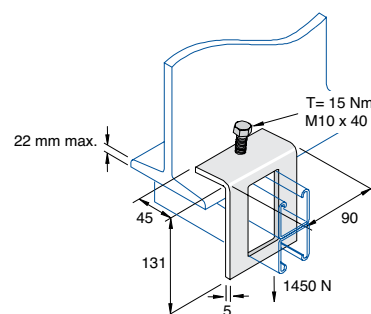


**P1796**

HG SS

| Part No. |         | W    | P  |
|----------|---------|------|----|
| HG       | SS      |      |    |
| P1796    | P1796SS | 0.39 | 10 |

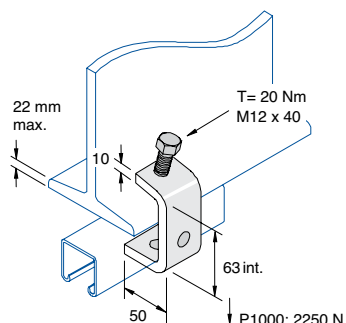
\* Used in pair



**P1796-B**

HG SS

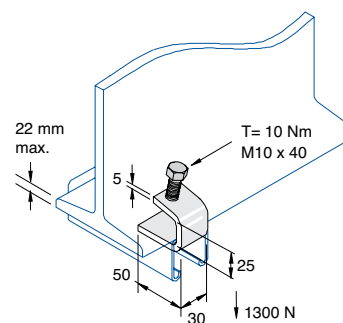
| Part No. |           | W    | P |
|----------|-----------|------|---|
| HG       | SS        |      |   |
| P1796-B  | P1796-BSS | 0.50 | 8 |



**P1271**

HG SS

| Part No. |         | W     | P  |
|----------|---------|-------|----|
| HG       | SS      |       |    |
| P1271    | P1271SS | 0.043 | 10 |



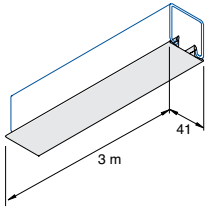
**P1272**

HG SS

| Part No. |         | W    | P  |
|----------|---------|------|----|
| HG       | SS      |      |    |
| P1272    | P1272SS | 0.13 | 50 |

Stated loadings apply to mild steel products only.

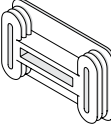
# Channel Fittings

Steel


P1184-F

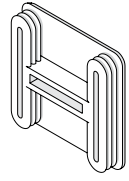
PG

| Part No. |  |  |
|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| P1184-F  | 1.07                                                                              | 1                                                                                 |

PVC


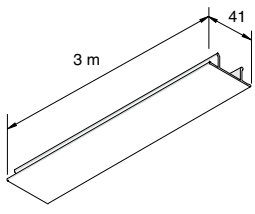
P3 END CAP

| Part No. | Part No. | Part No. |  |  |  |
|----------|----------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Blue     | White    | Black    |                                                                                   |                                                                                   |                                                                                   |
| 1392198  | 1392196  | 1392197  | 41x21                                                                             | 0.3                                                                               | 100                                                                               |

PVC


P1 END CAP

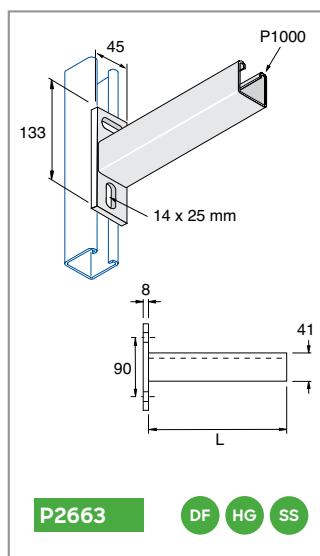
| Part No. | Part No. | Part No. |  |  |  |
|----------|----------|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Blue     | White    | Black    |                                                                                     |                                                                                     |                                                                                     |
| 1394198  | 1394196  | 1394197  | 41x41                                                                               | 0.5                                                                                 | 100                                                                                 |

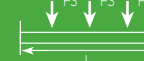
PVC


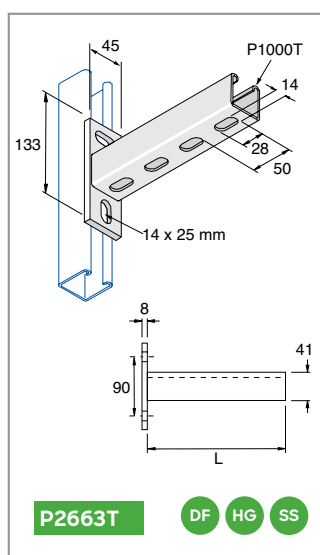
P1184-P

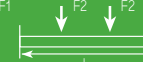
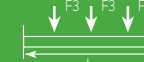
| Part No. | Colour |  |  |
|----------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| P1184-PW | White  | 0.48                                                    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

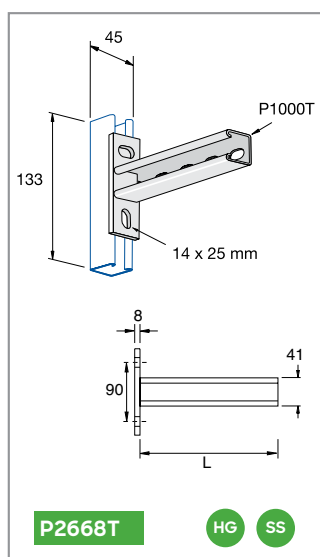
# Cantilever Arms

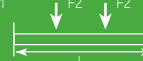


| Part No.     | w    | L (mm) |  |  |  |  |
|--------------|------|--------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| P2663/150DF  | 0.77 | 150    | 6.20 kN                                                                           | 3.10 kN                                                                            | 3.10 kN                                                                             | 2.06 kN                                                                             |
| P2663/300DF  | 1.20 | 300    | 3.20 kN                                                                           | 1.60 kN                                                                            | 1.60 kN                                                                             | 1.06 kN                                                                             |
| P2663/450DF  | 1.63 | 450    | 2.15 kN                                                                           | 1.07 kN                                                                            | 1.07 kN                                                                             | 0.71 kN                                                                             |
| P2663/600DF  | 2.07 | 600    | 1.62 kN                                                                           | 0.81 kN                                                                            | 0.81 kN                                                                             | 0.54 kN                                                                             |
| P2663/750DF  | 2.50 | 750    | 1.30 kN                                                                           | 0.65 kN                                                                            | 0.65 kN                                                                             | 0.43 kN                                                                             |
| P2663/150H   | 0.77 | 150    | 6.20 kN                                                                           | 3.10 kN                                                                            | 3.10 kN                                                                             | 2.06 kN                                                                             |
| P2663/300H   | 1.20 | 300    | 3.20 kN                                                                           | 1.60 kN                                                                            | 1.60 kN                                                                             | 1.06 kN                                                                             |
| P2663/450H   | 1.63 | 450    | 2.15 kN                                                                           | 1.07 kN                                                                            | 1.07 kN                                                                             | 0.71 kN                                                                             |
| P2663/600H   | 2.07 | 600    | 1.62 kN                                                                           | 0.81 kN                                                                            | 0.81 kN                                                                             | 0.54 kN                                                                             |
| P2663/750H   | 2.50 | 750    | 1.30 kN                                                                           | 0.65 kN                                                                            | 0.65 kN                                                                             | 0.43 kN                                                                             |
| P2663/150SPP | 0.77 | 150    | 6.20 kN                                                                           | 3.10 kN                                                                            | 3.10 kN                                                                             | 2.06 kN                                                                             |
| P2663/300SPP | 1.20 | 300    | 3.20 kN                                                                           | 1.60 kN                                                                            | 1.60 kN                                                                             | 1.06 kN                                                                             |
| P2663/450SPP | 1.63 | 450    | 2.15 kN                                                                           | 1.07 kN                                                                            | 1.07 kN                                                                             | 0.71 kN                                                                             |
| P2663/600SPP | 2.07 | 600    | 1.62 kN                                                                           | 0.81 kN                                                                            | 0.81 kN                                                                             | 0.54 kN                                                                             |
| P2663/750SPP | 2.50 | 750    | 1.30 kN                                                                           | 0.65 kN                                                                            | 0.65 kN                                                                             | 0.43 kN                                                                             |



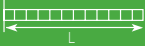
| Part No.      | w    | L (mm) |  |  |  |  |
|---------------|------|--------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| P2663T/150DF  | 0.75 | 150    | 6.12 kN                                                                           | 3.06 kN                                                                             | 3.06 kN                                                                              | 2.04 kN                                                                              |
| P2663T/300DF  | 1.16 | 300    | 3.06 kN                                                                           | 1.53 kN                                                                             | 1.53 kN                                                                              | 1.02 kN                                                                              |
| P2663T/450DF  | 1.57 | 450    | 2.04 kN                                                                           | 1.02 kN                                                                             | 1.02 kN                                                                              | 0.68 kN                                                                              |
| P2663T/600DF  | 1.98 | 600    | 1.53 kN                                                                           | 0.76 kN                                                                             | 0.76 kN                                                                              | 0.50 kN                                                                              |
| P2663T/150H   | 0.75 | 150    | 6.12 kN                                                                           | 3.06 kN                                                                             | 3.06 kN                                                                              | 2.04 kN                                                                              |
| P2663T/300H   | 1.16 | 300    | 3.06 kN                                                                           | 1.53 kN                                                                             | 1.53 kN                                                                              | 1.02 kN                                                                              |
| P2663T/450H   | 1.57 | 450    | 2.04 kN                                                                           | 1.02 kN                                                                             | 1.02 kN                                                                              | 0.68 kN                                                                              |
| P2663T/600H   | 1.98 | 600    | 1.53 kN                                                                           | 0.76 kN                                                                             | 0.76 kN                                                                              | 0.50 kN                                                                              |
| P2663T/750H   | 2.39 | 750    | 1.22 kN                                                                           | 0.61 kN                                                                             | 0.61 kN                                                                              | 0.40 kN                                                                              |
| P2663T/150SPP | 0.75 | 150    | 6.12 kN                                                                           | 3.06 kN                                                                             | 3.06 kN                                                                              | 2.04 kN                                                                              |
| P2663T/300SPP | 1.16 | 300    | 3.06 kN                                                                           | 1.53 kN                                                                             | 1.53 kN                                                                              | 1.02 kN                                                                              |
| P2663T/450SPP | 1.57 | 450    | 2.04 kN                                                                           | 1.02 kN                                                                             | 1.02 kN                                                                              | 0.68 kN                                                                              |
| P2663T/600SPP | 1.98 | 600    | 1.53 kN                                                                           | 0.76 kN                                                                             | 0.76 kN                                                                              | 0.50 kN                                                                              |
| P2663T/750SPP | 2.39 | 750    | 1.22 kN                                                                           | 0.61 kN                                                                             | 0.61 kN                                                                              | 0.40 kN                                                                              |
| P2663T/150ZP  | 0.75 | 150    | 6.12 kN                                                                           | 3.06 kN                                                                             | 3.06 kN                                                                              | 2.04 kN                                                                              |
| P2663T/300ZP  | 1.16 | 300    | 3.06 kN                                                                           | 1.53 kN                                                                             | 1.53 kN                                                                              | 1.02 kN                                                                              |
| P2663T/450ZP  | 1.57 | 450    | 2.04 kN                                                                           | 1.02 kN                                                                             | 1.02 kN                                                                              | 0.68 kN                                                                              |
| P2663T/600ZP  | 1.98 | 600    | 1.53 kN                                                                           | 0.76 kN                                                                             | 0.76 kN                                                                              | 0.50 kN                                                                              |
| P2663T/750ZP  | 2.39 | 750    | 1.22 kN                                                                           | 0.61 kN                                                                             | 0.61 kN                                                                              | 0.40 kN                                                                              |

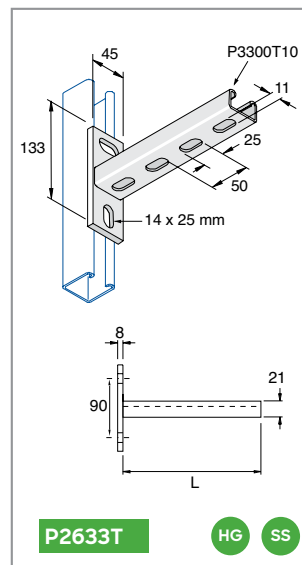


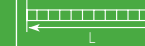
| Part No.      | w    | L (mm) |  |  |  |  |
|---------------|------|--------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| P2668T/150H   | 0.75 | 150    | 6.20 kN                                                                             | 3.10 kN                                                                              | 3.10 kN                                                                               | 2.06 kN                                                                               |
| P2668T/300H   | 1.16 | 300    | 3.20 kN                                                                             | 1.60 kN                                                                              | 1.60 kN                                                                               | 1.06 kN                                                                               |
| P2668T/450H   | 1.57 | 450    | 2.15 kN                                                                             | 1.07 kN                                                                              | 1.07 kN                                                                               | 0.71 kN                                                                               |
| P2668T/600H   | 1.98 | 600    | 1.62 kN                                                                             | 0.81 kN                                                                              | 0.81 kN                                                                               | 0.54 kN                                                                               |
| P2668T/150SPP | 0.75 | 150    | 6.20 kN                                                                             | 3.10 kN                                                                              | 3.10 kN                                                                               | 2.06 kN                                                                               |
| P2668T/300SPP | 1.16 | 300    | 3.20 kN                                                                             | 1.60 kN                                                                              | 1.60 kN                                                                               | 1.06 kN                                                                               |
| P2668T/450SPP | 1.57 | 450    | 2.15 kN                                                                             | 1.07 kN                                                                              | 1.07 kN                                                                               | 0.71 kN                                                                               |
| P2668T/600SPP | 1.98 | 600    | 1.62 kN                                                                             | 0.81 kN                                                                              | 0.81 kN                                                                               | 0.54 kN                                                                               |

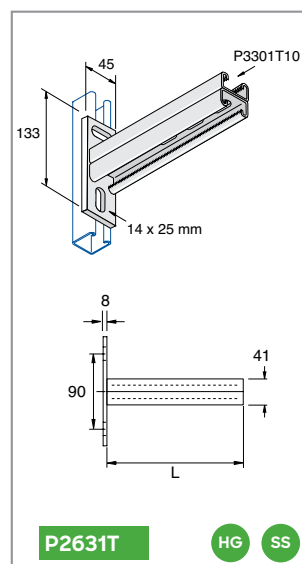
Loadings indicated are only applicable when 2 fixings per cantilever arms are used.  
Stated loadings apply to mild steel products only.

# Cantilever Arms

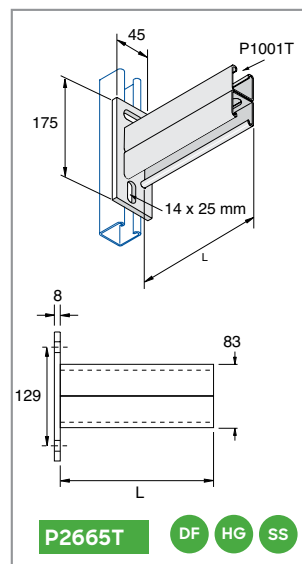
| Part No.      | Finish | L (mm) |  |  |  |  |
|---------------|--------|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| P2633T/150H   | HG     | 150    | 1.94 kN                                                                           | 0.97 kN                                                                           | 0.97 kN                                                                           | 0.64 kN                                                                            |
| P2633T/300H   | HG     | 300    | 1.00 kN                                                                           | 0.50 kN                                                                           | 0.50 kN                                                                           | 0.33 kN                                                                            |
| P2633T/450H   | HG     | 450    | 0.67 kN                                                                           | 0.33 kN                                                                           | 0.33 kN                                                                           | 0.22 kN                                                                            |
| P2633T/150SPP | SS     | 150    | 1.94 kN                                                                           | 0.97 kN                                                                           | 0.97 kN                                                                           | 0.64 kN                                                                            |
| P2633T/300SPP | SS     | 300    | 1.00 kN                                                                           | 0.50 kN                                                                           | 0.50 kN                                                                           | 0.33 kN                                                                            |
| P2633T/450SPP | SS     | 450    | 0.67 kN                                                                           | 0.33 kN                                                                           | 0.33 kN                                                                           | 0.22 kN                                                                            |



| Part No.      | Finish | w    | L (mm) |  |  |  |  |
|---------------|--------|------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| P2631T/150H   | HG     | 0.87 | 150    | 5.95 kN                                                                             | 2.97 kN                                                                             | 2.97 kN                                                                             | 1.98 kN                                                                              |
| P2631T/300H   | HG     | 1.40 | 300    | 3.07 kN                                                                             | 1.53 kN                                                                             | 1.53 kN                                                                             | 1.02 kN                                                                              |
| P2631T/450H   | HG     | 1.93 | 450    | 2.06 kN                                                                             | 1.03 kN                                                                             | 1.03 kN                                                                             | 0.68 kN                                                                              |
| P2631T/600H   | HG     | 2.46 | 600    | 1.56 kN                                                                             | 0.78 kN                                                                             | 0.78 kN                                                                             | 0.52 kN                                                                              |
| P2631T/750H   | HG     | 2.99 | 750    | 1.25 kN                                                                             | 0.62 kN                                                                             | 0.62 kN                                                                             | 0.41 kN                                                                              |
| P2631T/150SPP | SS     | 0.87 | 150    | 5.95 kN                                                                             | 2.97 kN                                                                             | 2.97 kN                                                                             | 1.98 kN                                                                              |
| P2631T/300SPP | SS     | 1.40 | 300    | 3.07 kN                                                                             | 1.53 kN                                                                             | 1.53 kN                                                                             | 1.02 kN                                                                              |
| P2631T/450SPP | SS     | 1.93 | 450    | 2.06 kN                                                                             | 1.03 kN                                                                             | 1.03 kN                                                                             | 0.68 kN                                                                              |
| P2631T/600SPP | SS     | 2.46 | 600    | 1.56 kN                                                                             | 0.78 kN                                                                             | 0.78 kN                                                                             | 0.52 kN                                                                              |
| P2631T/750SPP | SS     | 2.99 | 750    | 1.25 kN                                                                             | 0.62 kN                                                                             | 0.62 kN                                                                             | 0.41 kN                                                                              |



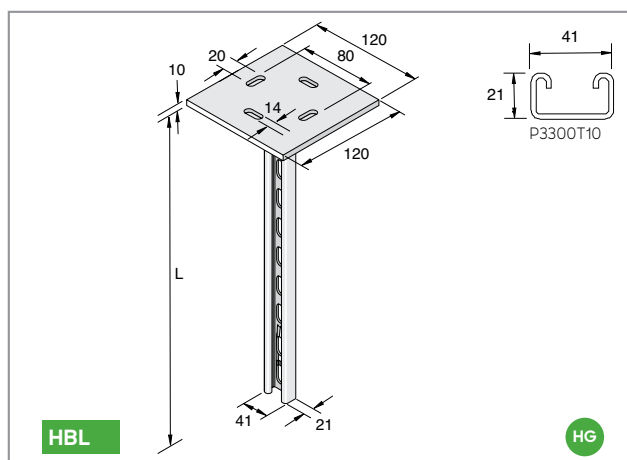
| Part No.      | Finish | w    | L (mm) |  |  |  |  |
|---------------|--------|------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------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



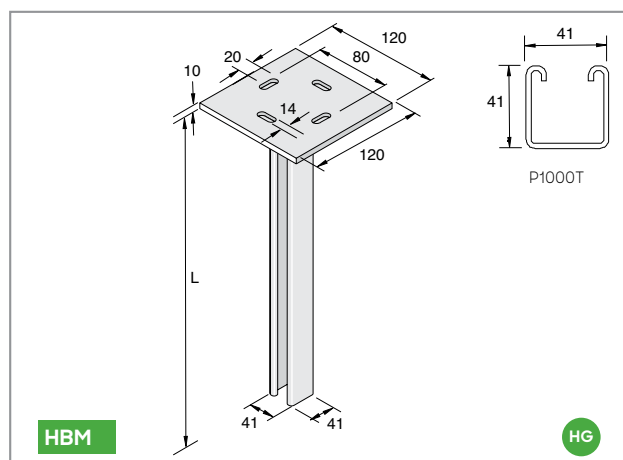
Stated loadings apply to mild steel products only.

Loadings indicated are only applicable when 2 fixings per cantilever arms are used.

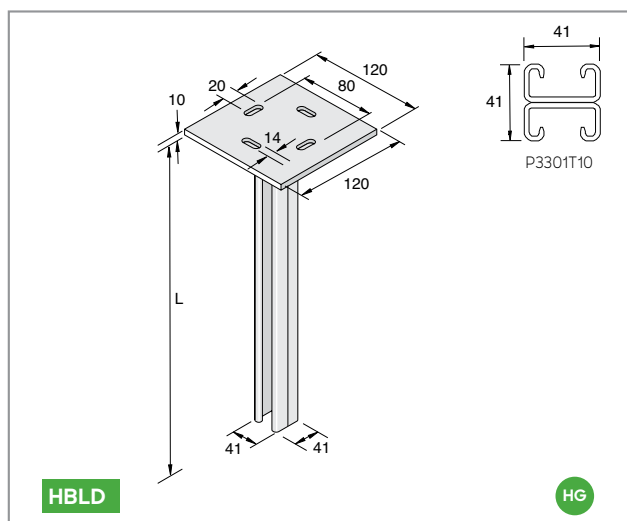
# Cantilever Arms



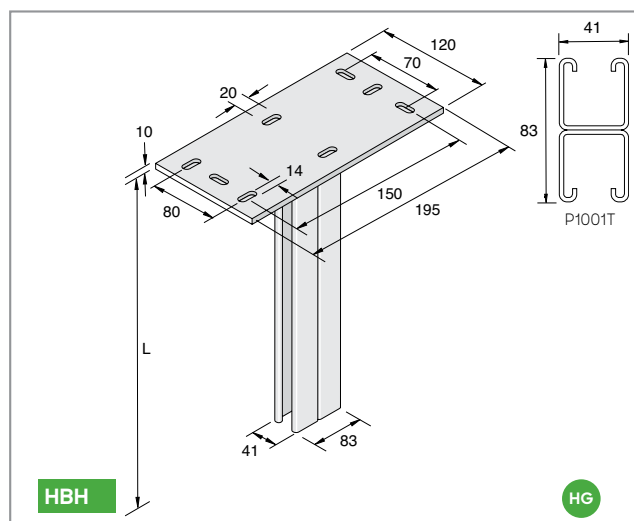
| Part No. | Finish | L (mm) | W    |
|----------|--------|--------|------|
| HBL/500  | HG     | 525    | 2.00 |
| HBL/750  | HG     | 775    | 2.44 |
| HBL/1000 | HG     | 1025   | 2.88 |
| HBL/1250 | HG     | 1275   | 3.32 |



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



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



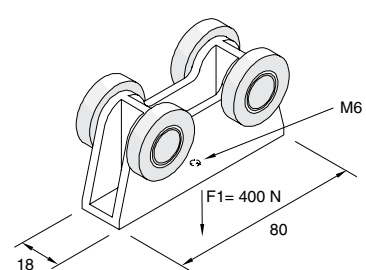
| Part No. | Finish | L (mm) | W     |
|----------|--------|--------|-------|
| HBH/500  | HG     | 525    | 4.60  |
| HBH/750  | HG     | 775    | 5.97  |
| HBH/1000 | HG     | 1025   | 7.33  |
| HBH/1250 | HG     | 1275   | 8.70  |
| HBH/1500 | HG     | 1525   | 10.07 |
| HBH/2000 | HG     | 2025 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



# Fluorescent Lighting Supports & Fittings

## Channel Trolley Assemblies

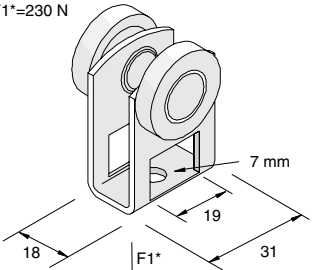
\* Roller material Acetal Plastic N2320



41  
41  
P1000  
M6  
80  
18  
 $F_1 = 400 \text{ N}$   
+ 80° C  
Acetal Based  
Plastic  
Natural

**P2750/1** 0.22  ZP

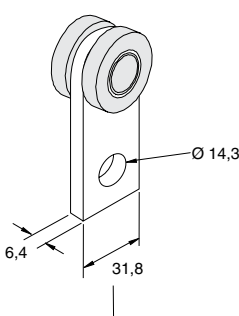
\* Roller material Mild steel  
 $F_1^* = 230 \text{ N}$



41  
41  
P1000  
7 mm  
19  
31  
18  
 $F_1^*$

**P2749** 0.10  ZP

\* Roller material Mild steel

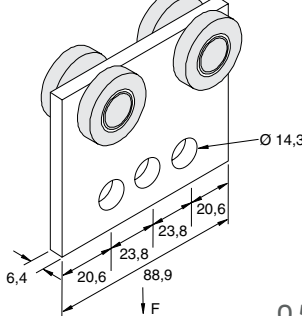


41  
41  
P1000  
Ø 14,3  
6,4  
31,8  
F

| RPM | F kN |
|-----|------|
| 600 | 0.7  |
| 300 | 1.0  |
| 100 | 1.9  |

**P2949** 0.21  ZP

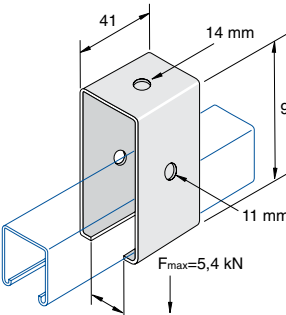
\* Roller material Mild steel



41  
41  
P1000  
Ø 14,3  
6,4  
20,6  
23,8  
20,6  
88,9  
F

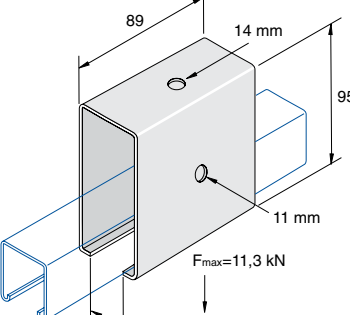
| RPM | F kN |
|-----|------|
| 600 | 1.3  |
| 300 | 2.0  |
| 100 | 2.7  |

**P2950** 0.50  ZP



41  
14 mm  
95  
11 mm  
25,4  
 $F_{max} = 5,4 \text{ kN}$

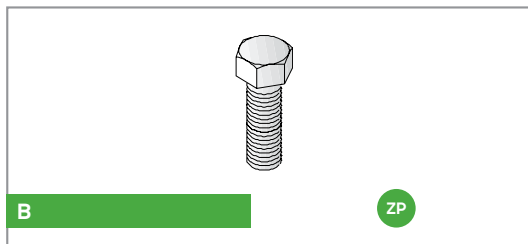
**P1834** 0.49  HG



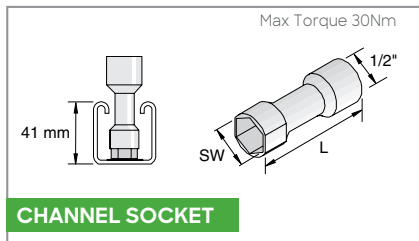
89  
14 mm  
95  
11 mm  
25,4  
 $F_{max} = 11,3 \text{ kN}$

**P1834A** 1.06  HG

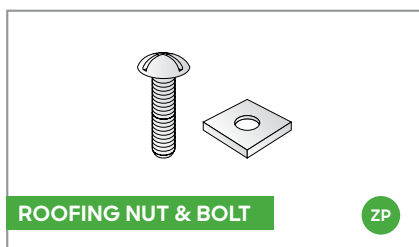
## Nuts, Bolts & Washers



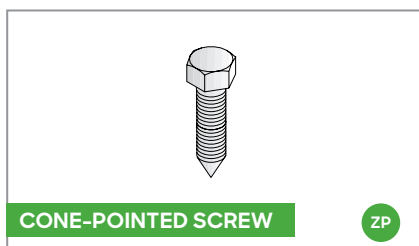
| ZP     | →  ← mm | ≡ mm |  |
|--------|---------|------|-------------------------------------------------------------------------------------|
| B6.20  | M6      | 20   | 100                                                                                 |
| B6.30  | M6      | 30   | 100                                                                                 |
| B8.20  | M6      | 20   | 100                                                                                 |
| B8.30  | M6      | 30   | 100                                                                                 |
| B8.40  | M6      | 40   | 100                                                                                 |
| B8.50  | M6      | 50   | 100                                                                                 |
| B8.70  | M6      | 70   | 100                                                                                 |
| B10.20 | M6      | 20   | 100                                                                                 |
| B10.30 | M6      | 30   | 100                                                                                 |
| B10.40 | M6      | 40   | 100                                                                                 |
| B10.80 | M6      | 80   | 100                                                                                 |
| B12.20 | M6      | 20   | 100                                                                                 |
| B12.30 | M6      | 30   | 100                                                                                 |
| B12.40 | M6      | 40   | 100                                                                                 |
| B12.50 | M6      | 50   | 100                                                                                 |



| SIZE | Part No. |
|------|----------|
| M10  | 12AF     |
| M12  | 19AF     |

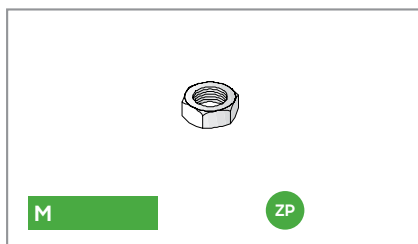


| Part No. | Finish | L (mm) |  /100 |  |
|----------|--------|--------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| M6x12RB  | ZP     | 12     | 1.0            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

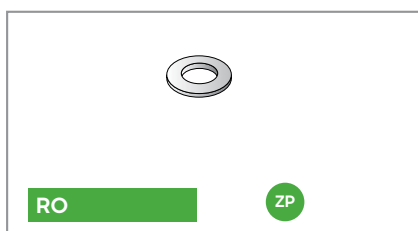


| Part No. | Finish |  /100 |  |
|----------|--------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| M10x40CP | ZP     | 2.5                                                                                        | 100                                                                                   |
| M12x40CP | ZP     | 3.9                                                                                        | 100                                                                                   |

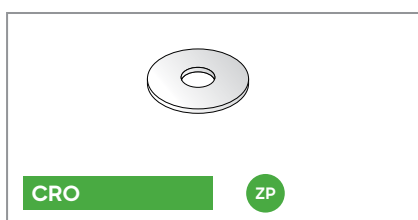
# Nuts, Bolts & Washers



| ZP  | →  ← mm |  |
|-----|---------|-----------------------------------------------------------------------------------|
| M6  | M6      | 100                                                                               |
| M8  | M8      | 100                                                                               |
| M10 | M10     | 100                                                                               |
| M12 | M12     | 100                                                                               |

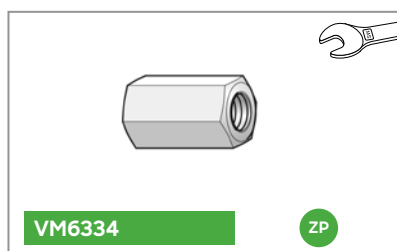


| ZP   | →  ← mm |  |
|------|---------|-----------------------------------------------------------------------------------|
| RO4  | M4      | 100                                                                               |
| RO6  | M6      | 100                                                                               |
| RO8  | M8      | 100                                                                               |
| RO10 | M10     | 100                                                                               |
| RO12 | M12     | 100                                                                               |

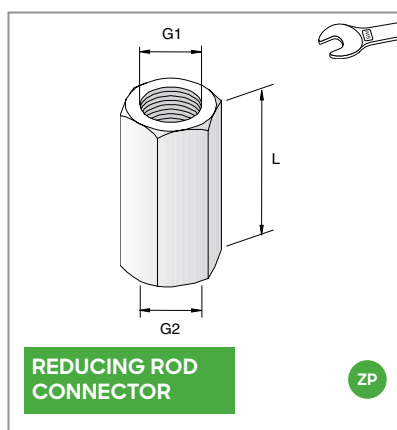


| ZP    | →  ← mm |  |
|-------|---------|-------------------------------------------------------------------------------------|
| CRO6  | M6      | 100                                                                                 |
| CRO8  | M8      | 100                                                                                 |
| CRO10 | M10     | 100                                                                                 |
| CRO12 | M12     | 100                                                                                 |

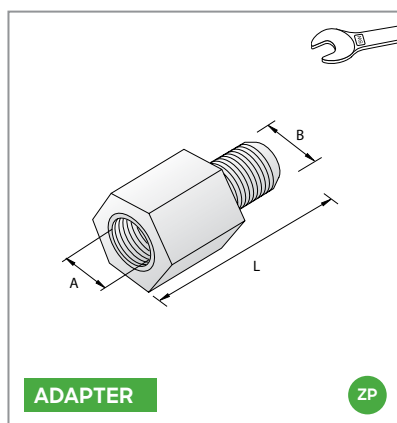
# Threaded Rod Connectors



| ZP   | →  ← mm |  |
|------|---------|-----------------------------------------------------------------------------------|
| VM6  | M6      | 50                                                                                |
| VM8  | M8      | 50                                                                                |
| VM10 | M10     | 50                                                                                |
| VM12 | M12     | 50                                                                                |



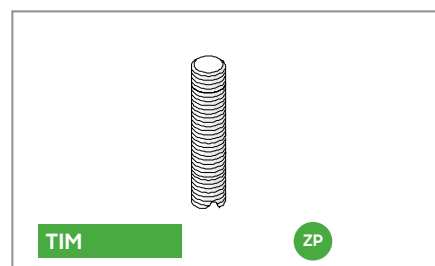
| Part No. | Finish | G1  | G2  |  SW mm | L mm |  |
|----------|--------|-----|-----|-------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
| SPM8M10  | ZP     | M8  | M10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



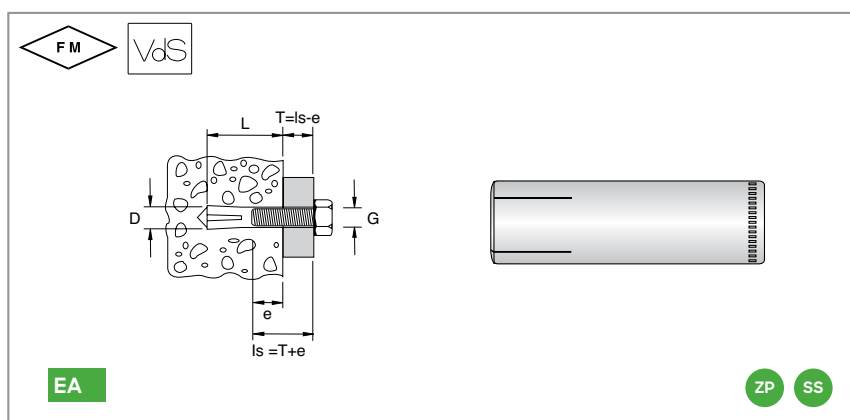
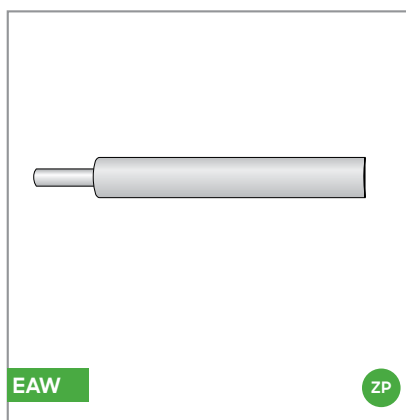
| Part No. | Finish | A   | B   |  SW mm | L mm |  |
|----------|--------|-----|-----|---------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
| 310810   | ZP     | M8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

# Threaded Rod & Studs

| ZP    | →  ← mm | 5 mm |  |
|-------|---------|------|-----------------------------------------------------------------------------------|
| TIM6  | M6      | 2000 | 100                                                                               |
| TIM8  | M8      | 2000 | 50                                                                                |
| TIM10 | M10     | 2000 | 50                                                                                |
| TIM12 | M12     | 2000 | 30                                                                                |



## Non Drill Anchors

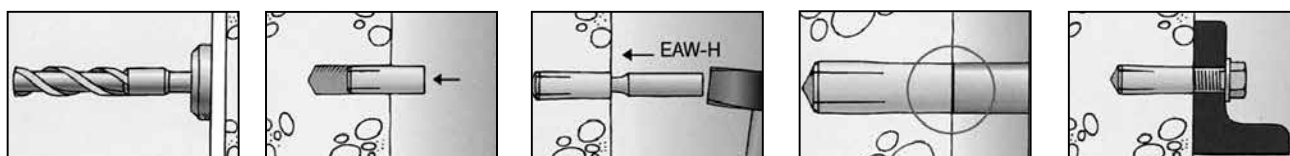


| Part No. | Part No. |
|----------|----------|
| EAWH6    | EAM6     |
| EAWH8    | EAM8     |
| EAWH8x40 | EAM8x40  |
| EAWH10   | EAM10    |
| EAWH12   | EAM12    |
| EAWH16   | EAM16    |
| EAWH20   | EAM20    |

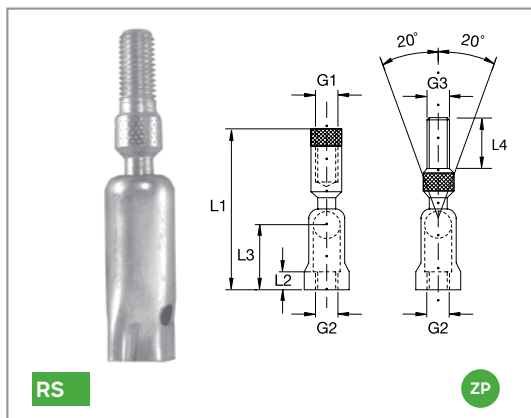
| Part No. | Finish | Class   | D mm | L mm |  | G   | e (mm) |     |  | Approval: |    |
|----------|--------|---------|------|------|-------------------------------------------------------------------------------------|-----|--------|-----|---------------------------------------------------------------------------------------|-----------|----|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

| Part No. | Finish | Class  | D mm | L mm |  | G   | e (mm) |     |  | Approval: |    |
|----------|--------|--------|------|------|-------------------------------------------------------------------------------------|-----|--------|-----|---------------------------------------------------------------------------------------|-----------|----|
|          | SS     |        |      |      | ø mm                                                                                |     | min    | max |                                                                                       |           |    |
| EAM6SS   | SS     | -      | 8    | 25   | 8                                                                                   | M6  | 6      | 11  | 100                                                                                   |           |    |
| EAM8SS   | SS     | -      | 10   | 30   | 10                                                                                  | M8  | 8      | 13  | 100                                                                                   |           |    |
| EAM10SS  | SS     | 3.0kN* | 12   | 40   | 12                                                                                  | M10 | 10     | 17  | 50                                                                                    | VdS       | FM |
| EAM12SS  | SS     | 3.6kN* | 15   | 50   | 15                                                                                  | M12 | 12     | 18  | 25                                                                                    |           | FM |
| EAM16SS  | SS     | 5.7kN* | 20   | 65   | 20                                                                                  | M16 | 16     | 21  | 20                                                                                    |           | FM |

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

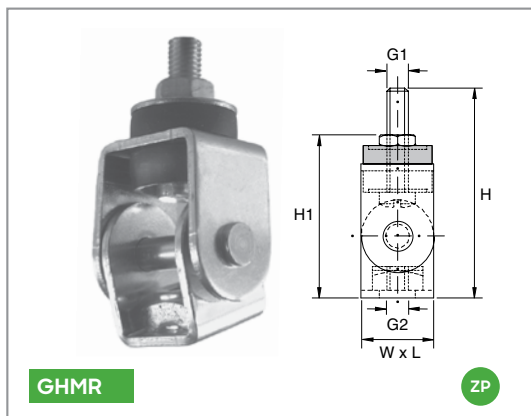


## Rod Swivel

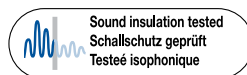


| Part No. | Finish | G1  | G2  | G3  | L1<br>mm | L2<br>mm | L3<br>mm | L4<br>mm | Fmax<br>N | W   |     |
|----------|--------|-----|-----|-----|----------|----------|----------|----------|-----------|-----|-----|
| 1240866  | ZP     |     | M8  | M8  | 74       | 8        | 30       | 15       | 2500      | .03 | 100 |
| 1241085  | ZP     |     | M10 | M10 | 74       | 8        | 30       | 15       | 2500      | .04 | 100 |
| 1241294  | ZP     | M12 | M12 |     | 96       | 15       | 53       |          | 5000      | .15 | 100 |
| 6642008  | ZP     |     | M8  | M8  | 49       | 10       | 20       | 15       | 3100      | .03 | 50  |
| 6642010  | ZP     |     | M10 | M10 | 49       | 13       | 23       | 15       | 3100      | .03 | 50  |

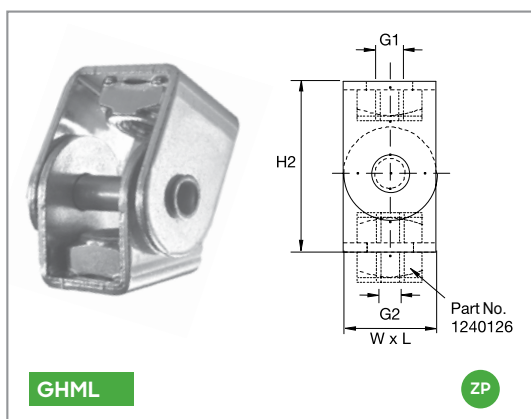
## Adjustable Angle Fitting with Sound Insulation



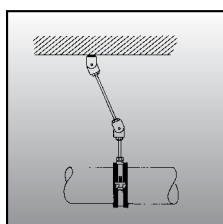
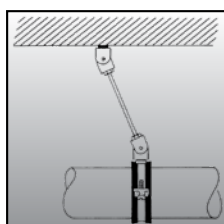
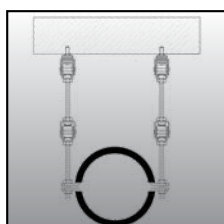
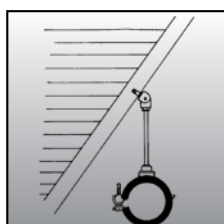
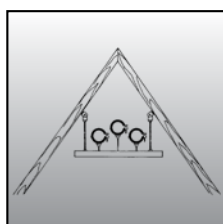
| Part No. | Finish | G1 | G2  | H2<br>mm | W x L<br>mm | H1<br>mm | H<br>mm | Fmax<br>kN | W   |     |
|----------|--------|----|-----|----------|-------------|----------|---------|------------|-----|-----|
| 1240886  | ZP     | M8 | M8  | 45       | 36 x 25     | 60       | 70      | 5.7        | .13 | 100 |
| 1248106  | ZP     | 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<br>MM | W x L<br>MM | 90° | 135° | 180° | FMAX(kN) | W   |  |
|---------|--------|-----|-----|----------|-------------|-----|------|------|----------|-----|--|
| 1240086 | ZP     | M8  | M8  | 45       | 36 x 25     | 3.5 | 4.5  | 5.5  | .11      | 100 |  |
| 1240106 | ZP     | M10 | M10 | 45       | 36 x 25     | 3.5 | 4.5  | 5.5  | .11      | 100 |  |
| 1240126 | ZP     | M12 | M12 | 64       | 36 x 25     | 3.5 | 4.5  | 5.5  | .12      | 100 |  |



# Universal Hinge

## UGM10 Universal Hinge Mount

The perfect solution for suspending threaded rod vertically from an angled roof or ceiling.

### Features & Benefits

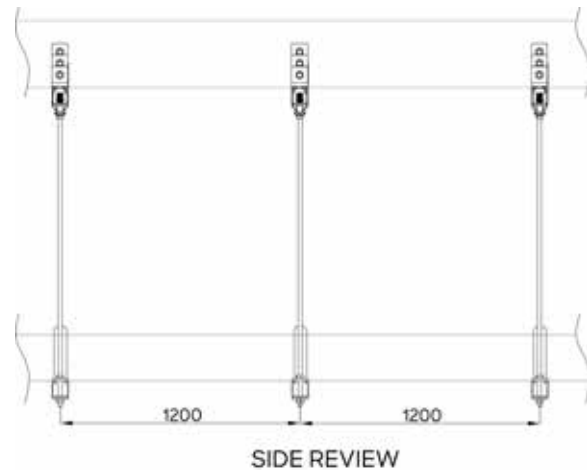
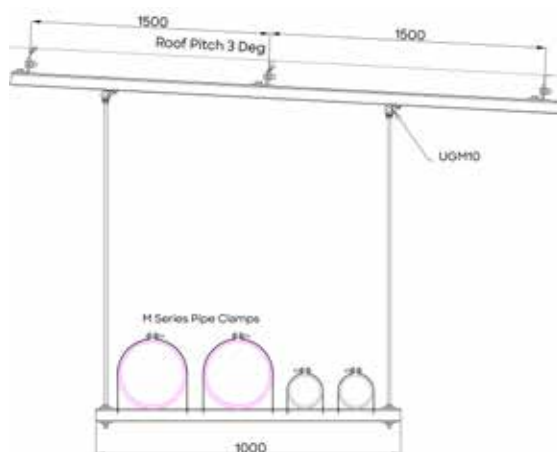
- Can be fixed directly to roof sections, or attached to Atkore Unistrut channel mounted across purlins/beams
- Accepts all M10 ZP threaded products (including threaded rod)
- Fully adjustable through 135 degrees to suit any mounting application

### Technical Information

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

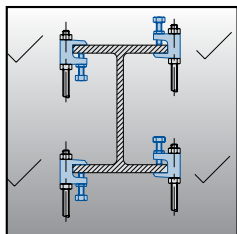
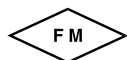


### Application Diagram

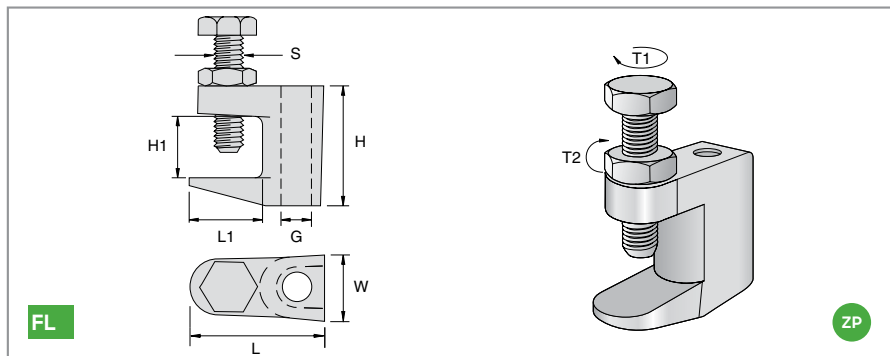
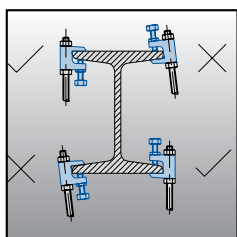


# Beam Clamps

## Beam Clamps

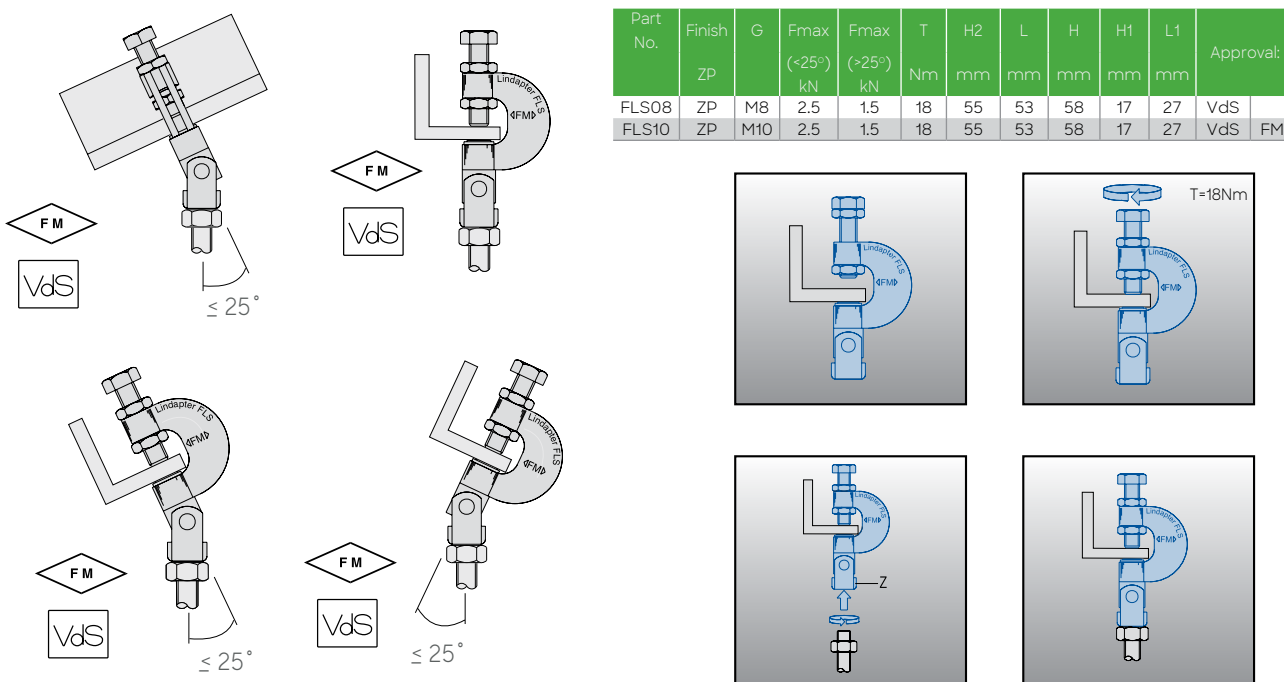
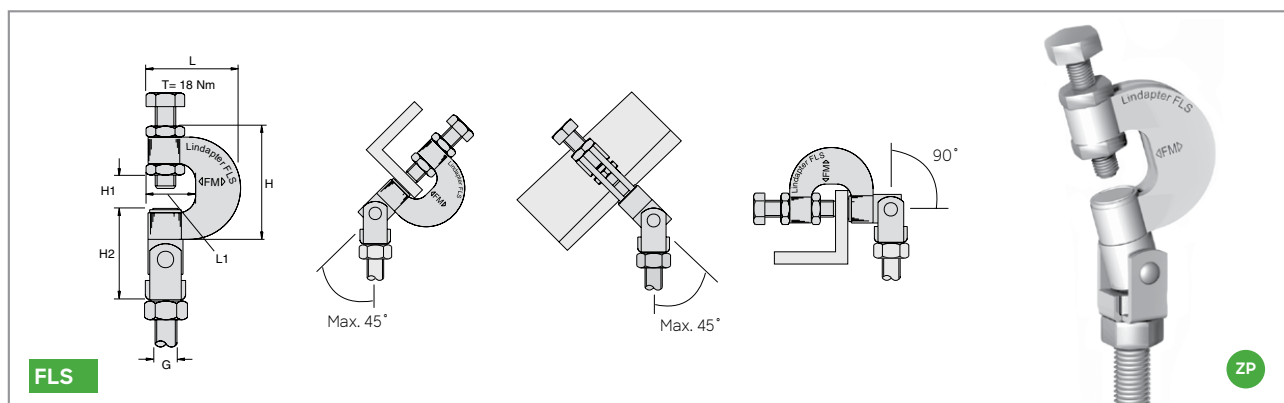


v = good  
x = wrong



| Part No. | Finish | Fmax<br>kN | T1<br>Nm | T2<br>Nm | L<br>mm | H<br>mm | W<br>mm | H1<br>mm | L1<br>mm | G<br>mm | S<br>mm | Approval: |
|----------|--------|------------|----------|----------|---------|---------|---------|----------|----------|---------|---------|-----------|
| FL18D    | ZP     | 1.1        | 8        | 11       | 36      | 35      | 19      | 17       | 20       | 9       | 8       | 50        |
| FL18T    | ZP     | 1.1        | 8        | 11       | 36      | 35      | 19      | 17       | 20       | M8      | 8       | 50        |
| FL210D   | ZP     | 2.4        | 8        | 22       | 45      | 40      | 22      | 19       | 22       | 11      | 10      | 50        |
| FL210T   | ZP     | 2.4        | 8        | 22       | 45      | 40      | 22      | 19       | 22       | M10     | 10      | 50        |
| FL312D   | ZP     | 3.1        | 8        | 22       | 50      | 46      | 25      | 23       | 28       | 13      | 10      | 25        |
| FL312T   | ZP     | 3.1        | 8        | 22       | 50      | 46      | 25      | 23       | 28       | M12     | 10      | 25        |

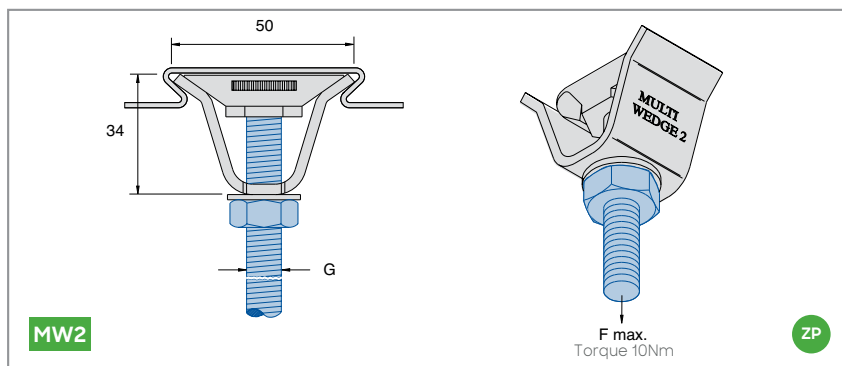
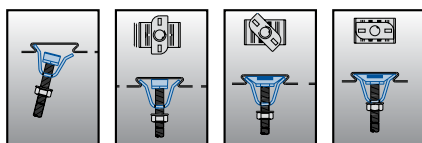
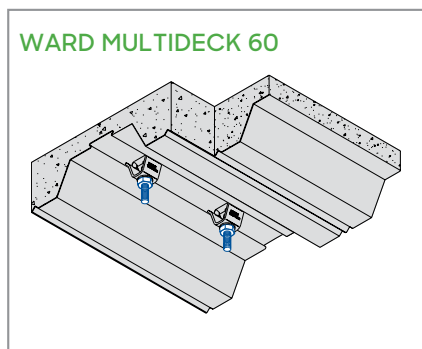
## Articulated Beam Clamps



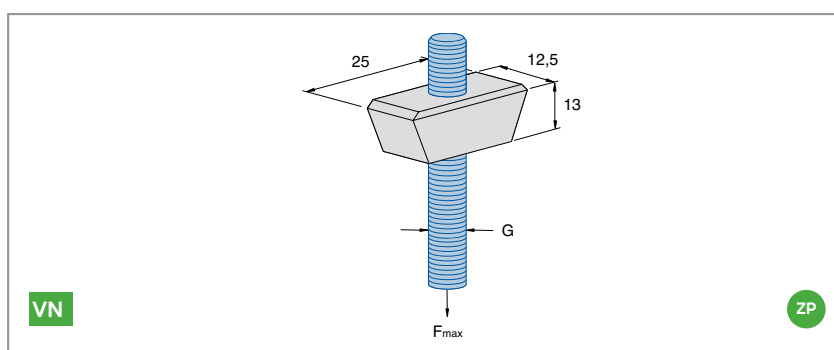
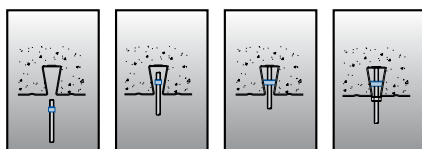
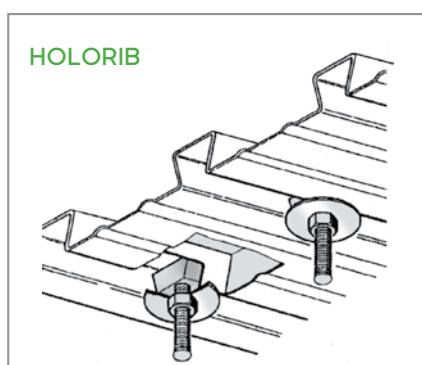
| Part No. | Finish | G   | Fmax<br>(<25°)<br>kN | Fmax<br>(>25°)<br>kN | T<br>Nm | H2<br>mm | L<br>mm | H<br>mm | H1<br>mm | L1<br>mm | Approval: |
|----------|--------|-----|----------------------|----------------------|---------|----------|---------|---------|----------|----------|-----------|
| FLS08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

# Fixings

## Deck and Purlin Fixings



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



| Part No. | Finish | G   | Fmax<br>kN |  |  |
|----------|--------|-----|------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| VN10     | ZP     | 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.

## Atkore Product Range

### About Atkore

Atkore is a global manufacturer with facilities located around the world. Recognized as a leader in electrical, safety, and infrastructure solutions, our products are used to power and protect the world, including Electrical Conduit and Fittings, Cable and Cable Management Systems, Infrastructure Products, and Safety and Security Products. Distributors and contractors globally recognize Atkore as an industry leader and preferred supplier.

We have a vast portfolio of products that will meet all your construction and renovation needs, which obviously is broader than Atkore Unistrut products. Some of our top brands are:

## Atkore<sup>™</sup> Flexicon

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

#### Metallic Systems

- ▲ 10mm to 75mm Diameters
- ▲ Galvanised Steel, PVC
- ▲ Coated, Low Fire Hazard Coated Conduits

#### Metallic Systems

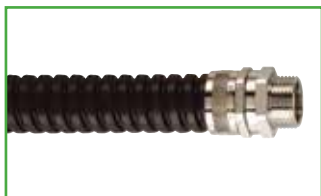
- ▲ Stainless Steel Conduits
- ▲ Liquid Tight Conduits
- ▲ Braided Conduits
- ▲ Hygienic Conduits & Fittings

#### Non-metallic Systems

- ▲ 7mm to 106mm Diameters
- ▲ PP, PVC, Nylon (PA) Corrugated Conduits
- ▲ Spiral Conduits

#### Non-metallic Systems

- ▲ Divisible Conduits
- ▲ Hygienic Conduits & Fittings
- ▲ Coloured Conduits



## Atkore<sup>™</sup> Marco

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

- ▲ Perimeter Trunking
- ▲ Data Trunking
- ▲ Mini / Maxi Trunking
- ▲ Accessories

- ▲ Bench Trunking
- ▲ Power Poles
- ▲ Power Posts

- ▲ Steel Wire Cable Tray
- ▲ Wire Basket Accessories
- ▲ PVC Conduit



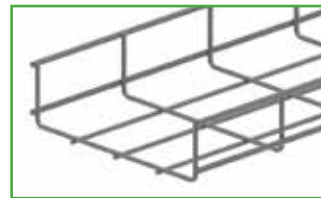
# Atkore Product Range

About Atkore

## Atkore<sup>™</sup> Vergokan

With 3 manufacturing facilities across Europe, and Worldwide distribution, Atkore Vergokan specialises in metal cable support systems to save installers time.

- ▲ Wire Basket
- ▲ Cable Tray
- ▲ Cable Ladder
- ▲ Mounting Systems
- ▲ Industrial Floor Trunking
- ▲ Floor Installations



Atkore Vergokan cable support products are reliable and long-lasting. Our high-quality products such as our cable trays, mounting systems, cable ladders, and wire baskets, have made us a market leader. Rigidity, strength, and ease of installation make our products unique. We designed our products to best cater to your needs.



KLM100 - Cable ladder



**BUILDING BETTER  
TOGETHER**

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