

VERGOKAN

UNISTRUT®

METAL FRAMING

**Catalogue
2020**

A PART OF
atkore
INTERNATIONAL



Image for illustrative purposes only

Introduction

All Unistrut products in this catalogue are available through the Vergokan partner network in your country. Contact your local Vergokan representative for more information on availability and prices.

Unistrut has been the leading supplier of metal framing systems for over 90 years. Unistrut products and services are synonymous with engineering excellence and reliability worldwide.

Part of the Atkore International family

Atkore is a major manufacturer and innovator with a unique focus on steel frame, pipe and electrical products. As part of the Atkore family we can draw on a variety of technologies, products and experience from Atkore companies throughout the world.



Contents

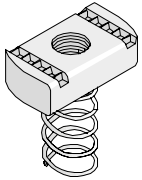
Materials and finishes	4
------------------------	---

1. Metal Framing



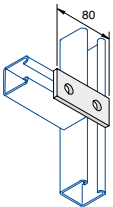
Metal framing	6
Cantilevers	17

2. Channel nuts



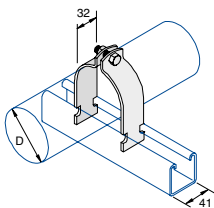
Channel nuts	18
--------------	----

3. Fittings



Fittings	21
----------	----

4. Pipe clamps



Pipe clamps	35
-------------	----

5. Fixpoints



Fixpoints	40
-----------	----

Materials and Finishes



Image for illustrative purposes only

Pre Galvanized

PG

Our most popular finish, generally used for internal applications. Pre Galvanized to Z275- BS EN 10346 1.0244 standards. Supplied with a zinc coating to a nominal coat between 10µm and 20µm.

Plain Oil

PO

Plain oil to BS EN 10025 standards. Pickled & Oiled. Excellent for welding and finishing on site. Ideal base for powder coating and other surface finishes.

Zinc Plated

ZP

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

Hot Dip Galvanized

HG

Processed in accordance with BS EN ISO 1461: 2009. It is an excellent solution for outdoor environments and has a unique metallurgical structure which gives outstanding resistance to mechanical damage in transport, erection and service.

Stainless Steel

SS

Stainless steel to 1.4404 (316L) and 1.4301 (304) standards. Excellent for marine applications, highly corrosive and extreme environmental conditions.

Powder Coated

PC

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

Item references are build according to Vergokan logic:

PG **ZP** No prefix

HG Prefix "HD"

PO Prefix "0"

SS Prefix "I4" or "I6"

INTRODUCTION

Unistrut channels and fittings offer total flexibility in design and construction of assemblies for framing applications. Unistrut products are available in a range of materials and finishes. These finishes offer differing degrees of corrosion protection for use in a variety of environments. Where required, factory decorative finishes, <i.e., powder coating>, are available to order.

MATERIALS

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

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

Mild steel channels are rolled using material formed from BS EN 10025 with guaranteed yield 280N/mm² and minimum ultimate tensile strength of 370N/mm².

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

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

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

FINISHES

Hot -Dip Galvanized

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

The minimum average Zinc Coating is as follows:

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

Fittings spun galvanized – 45 microns

Pre-Galvanized

Pre-Galvanizing is to BS EN 10346 2004 (Coating Z275).

SPECIAL COATINGS AND MATERIAL GRADES ARE AVAILABLE ON REQUEST:

Stainless Steel

- Stainless Steel 1.4301 (304)
- Stainless Steel 1.4404 (316L)
- On request: 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.

Serial number stamp

Genuine Unistrut channel is stamped with a serial number, and you'll see the words "Unistrut" and the corresponding part number stamped on the surface inside the channel as shown below.



Zinc Electroplated

Channel nuts and bolts are zinc electroplated.

RANGE

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

LENGTH

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

WEIGHTS & DIMENSIONS

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

TORQUE

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

PERFORMANCE

It should not be assumed that the performance of a stainless steel product is similar to that of its mild steel counterpart. Consult your local service centre for further information.

FITTING APPLICATION

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

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

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

STANDARDS

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

We at Unistrut® show that the standard is achieved by rolling the channel with the part number along with the full name of the Standard BSEN6946:1988, and also our own UNISTRUT® branding.

This is, as it should be, stamped into the Channel to ensure that you can clearly identify our product over the inferior product that is creeping into the market place.

The engraving should also be clearly visible at all times, even when the product has under gone further finishing treatments i.e. Hot Dip Galvanized, Epoxy Coating.

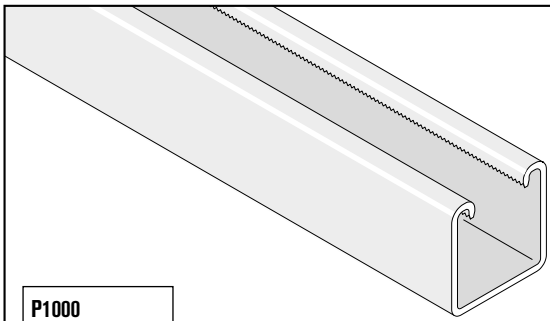
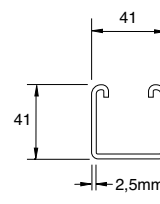
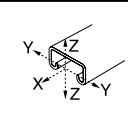
Contractors and distributors should be aware of cheap imported and non-standard products that have removable or no product marking at all, as this is not within the Standard.

1. Metal Framing

Original Unistrut® Metal Framing

VERGOKAN
UNISTRUT®

Unistrut P1000

P1000

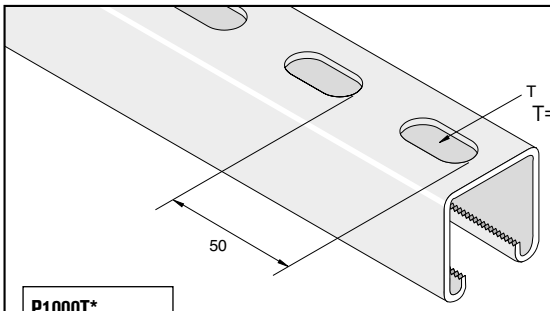
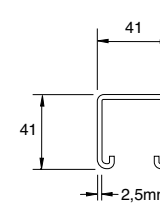
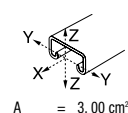
- A = 3.35 cm²
- ρ/m = 2.88 kg/m
- I_{y-y} = 7.21 cm⁴
- Z_{y-y} = 3.10 cm⁴
- r_{y-y} = 1.46 cm
- I_{z-z} = 9.23 cm⁴
- Z_{z-z} = 4.47 cm⁴
- r_{z-z} = 1.66 cm

PO PG HG SS

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

Article	Thickness (mm)	Length (mm)	Stock
OP1000X6	2,5	6000	✓
OP1000X3	2,5	3000	
P1000X6	2,5	6000	✓
P1000X3	2,5	3000	✓
HDP1000X6	2,5	6000	✓
HDP1000X3	2,5	3000	
IGP1000X6	2,5	6000	✓
IGP1000X3	2,5	3000	

*180 ≤ kL/r < 250

P1000T*

T=14mm x 28mm

- A = 3.00 cm²
- ρ/m = 2.73 kg/m
- I_{y-y} = 6.10 cm⁴
- Z_{y-y} = 2.87 cm⁴
- r_{y-y} = 1.42 cm
- I_{z-z} = 9.17 cm⁴
- Z_{z-z} = 4.44 cm⁴
- r_{z-z} = 1.74 cm

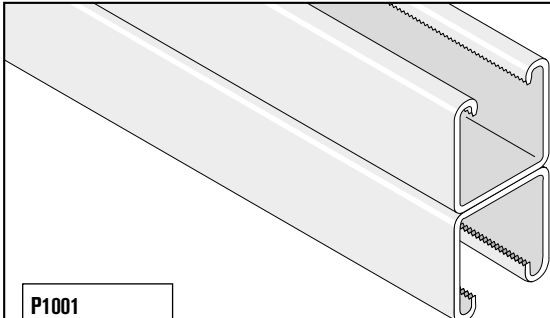
PO PG HG SS

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

Article	Thickness (mm)	Length (mm)	Stock
OP1000TX6	2,5	6000	✓
P1000TX6	2,5	6000	✓
P1000TX3	2,5	3000	✓
HDP1000TX6	2,5	6000	✓
HDP1000TX3	2,5	3000	✓
IGP1000TX6	2,5	6000	✓
IGP1000TX3	2,5	3000	✓
I4P1000TX6	2,5	6000	✓
I4P1000TX3	2,5	3000	✓

*180 ≤ kL/r < 250

Unistrut P1001



P1001

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

PO

PG

HG

SS

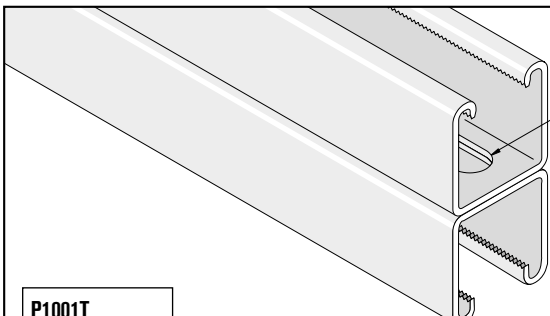
L(mm)	F		$\sigma=175 \text{ N/mm}^2$	$f=1/200L$	$f=1/360L$	$F_{(kN)}$
	$F_{max}(kN)$	$f_{max}(mm)$				
250	-	-	-	-	-	28.253
500	-	-	-	-	-	28.096
750	16.383	1.21	-	-	-	27.792
1000	12.292	2.15	-	-	-	27.301
1250	9.830	3.36	-	-	-	26.438
1500	8.191	4.84	-	-	7.044	25.025
1750	7.024	6.59	-	-	5.170	23.220
2000	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*

HG
Continuously Seam Welded

SS
Spot Welded

Article	Thickness (mm)	Length (mm)	Stock
HDP1001X6	2,5	6000	✓

*180 ≤ kL/r < 250



P1001T

T =
14 x
28 mm

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

PO

PG

HG

SS

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

HG
Continuously Seam Welded

PO

PG

SS

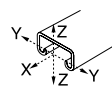
Spot Welded

Article	Thickness (mm)	Length (mm)	Stock
P1001TX6	2,5	6000	✓
P1001TX3	2,5	3000	✓
HDP1001TX6	2,5	6000	✓
I6P1001TX6	2,5	6000	✓

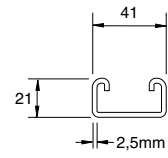
*180 ≤ kL/r < 250

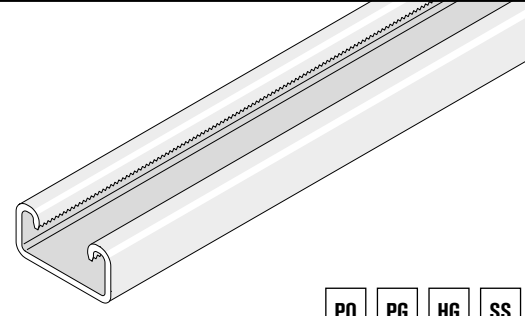
Stated loadings apply to mild steel products only.

Unistrut P3300



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






P3300

PO

PG

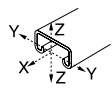
HG

SS

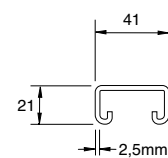
L(mm)	F		$\sigma=175 \text{ N/mm}^2$	$f=1/200L$	$f=1/360L$	$F_{(kN)}$
	$F_{max}(kN)$	$f_{max}(mm)$		F (kN)	F (kN)	
250	5.425	0.45		-	-	10.222
500	2.708	1.81		-	2.080	9.761
750	1.805	4.07		1.658	0.922	8.427
1000	1.354	7.24		0.932	0.520	6.769
1250	1.079	11.32		0.598	0.324	5.376
1500	0.903	16.30		0.412	0.226	4.287*
1750	0.775	22.19		0.304	-	3.463*
2000	0.677	28.99		0.226	-	-

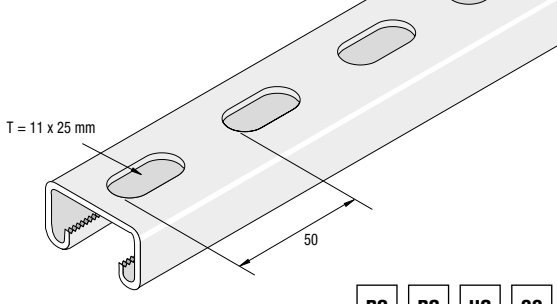
Article	Thickness (mm)	Length (mm)	Stock
0P3300X6	2,5	6000	✓
P3300X6	2,5	6000	✓
P3300X3	2,5	3000	
HDP3300X6	2,5	6000	
I6P3300X6	2,5	6000	✓

* $180 \leq kL/r < 250$



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






P3300T10

PO

PG

HG

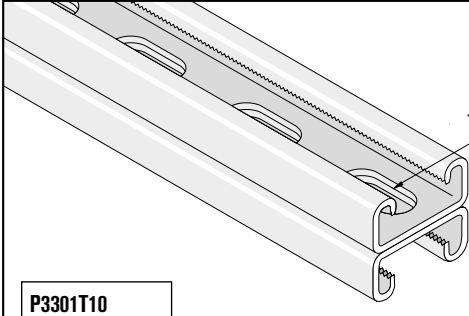
SS

L(mm)	F		$\sigma=175 \text{ N/mm}^2$	$f=1/200L$	$f=1/360L$	$F_{(kN)}$
	$F_{max}(kN)$	$f_{max}(mm)$		F (kN)	F (kN)	
250	5.152	0.49		-	-	-
500	2.576	1.97		-	1.819	-
750	1.717	4.42		1.455	0.809	-
1000	1.288	7.87		0.819	0.455	-
1250	1.030	12.29		0.524	0.291	-
1500	0.859	17.70		0.364	-	-
1750	0.736	24.09		0.267	-	-
2000	0.644	31.46		-	-	-

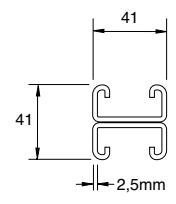
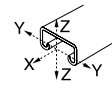
Article	Thickness (mm)	Length (mm)	Stock
P3300T10X6	2,5	6000	✓
P3300T10X3	2,5	3000	✓
HDP3300T10X6	2,5	6000	✓
HDP3300T10X3	2,5	3000	✓
I6P3300T10X6	2,5	6000	✓
I4P3300T10X6	2,5	6000	✓

Stated loadings apply to mild steel products only.

Unistrut P3301



T=11mm x 25mm


A	= 4.09 cm ²
ρ/m	= 3.53 kg/m
I _{y-y}	= 6.42 cm ⁴
Z _{y-y}	= 2.97 cm ³
r _{y-y}	= 1.25 cm
I _{z-z}	= 10.64 cm ⁴
Z _{z-z}	= 5.14 cm ³
r _{z-z}	= 1.61 cm

P3301T10

PO PG HG SS

L(mm)	F		f=1/200L	f=1/360L	F _{90°}
	F _{max} (kN)	f _{max} (mm)			
250	16.632	0.26	-	-	17.266
500	8.316	1.03	-	-	17.030
750	5.544	2.31	-	4.991	16.599
1000	4.158	4.11	-	2.808	15.667
1250	3.326	6.43	3.234	1.797	14.156
1500	2.772	9.26	2.246	1.248	12.478
1750	2.376	12.60	1.650	0.917	10.899
2000	2.079	16.45	1.263	0.702	9.496
2250	1.848	20.83	0.998	0.555	8.289*
2500	1.663	25.71	0.809	0.449	7.250*
2750	1.512	31.11	0.668	0.371	6.377*
3000	1.386	37.02	0.562	0.312	-

HG
Continuously Seam Welded



PO PG SS
Spot Welded

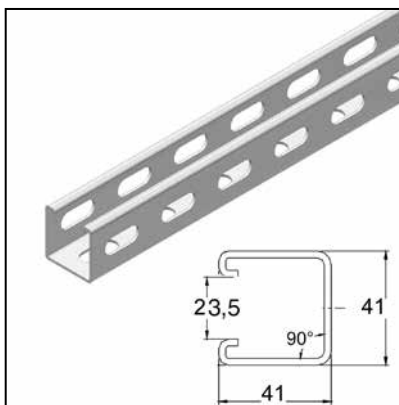
Article	Thickness (mm)	Length (mm)	Stock
P3301T10X6	2,5	6000	✓
P3301T10X3	2,5	3000	✓
HDP3301T10X6	2,5	6000	✓
I6P3301T10X6	2,5	6000	

*180 ≤ kL/r < 250

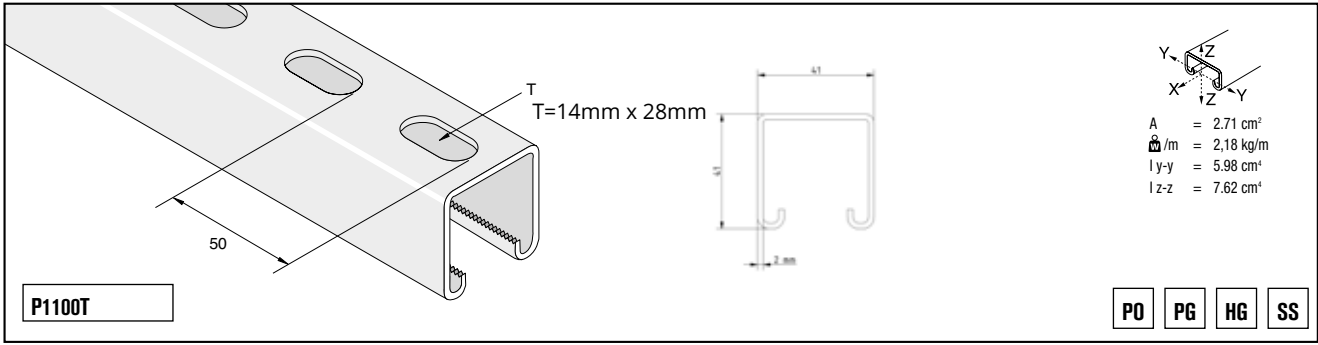
Stated loadings apply to mild steel products only.

Unistrut P1100TTT

For the Unistrut profile P1100TTT we refer to the Vergokan range: MP3.41.41.200.3



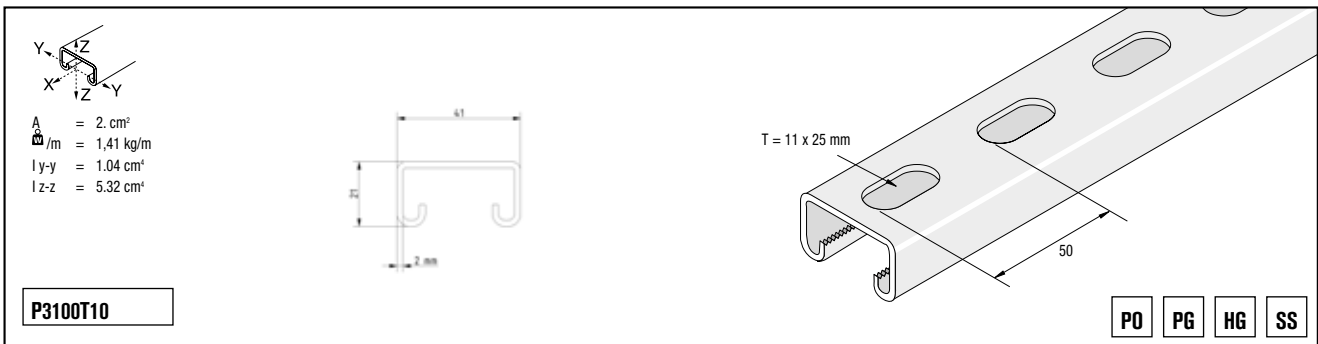
Unistrut P1100T



L(mm)	F		$\sigma=175 \text{ N/mm}^2$	$f=1/200L$	$f=1/360L$
	Fmax(kN)	fmax(mm)		F (kN)	F (kN)
250	16,115	0,27	-	-	-
500	8,058	1,07	-	-	-
750	5,372	2,41	-	-	-
1000	4,029	4,28	-	-	3,14
1250	3,223	6,69	3,01	-	2,01
1500	2,686	9,63	2,09	-	1,39
1750	2,302	13,11	1,54	-	1,02
2000	2,014	17,12	1,18	-	0,78
2250	1,791	21,67	0,93	-	0,62
2500	1,612	26,75	0,75	-	0,50
2750	1,465	32,37	0,62	-	0,41
3000	1,343	38,52	0,52	-	0,35

Article	Thickness (mm)	Length (mm)	Stock
P1100TX6	2	6000	✓
P1100TX3	2	3000	✓
HDP1100TX6	2	6000	✓

Unistrut P3100T10



L(mm)	F		$\sigma=175 \text{ N/mm}^2$	$f=1/200L$	$f=1/360L$
	Fmax(kN)	fmax(mm)		F (kN)	F (kN)
250	4,760	0,51	-	-	-
500	2,380	2,03	-	-	2,15
750	1,586	4,57	1,43	-	0,96
1000	1,190	8,12	0,81	-	0,54
1250	0,952	12,69	0,52	-	0,34
1500	0,794	18,28	0,36	-	0,24
1750	0,680	24,88	0,26	-	0,18
2000	0,595	32,49	0,20	-	0,13

Article	Thickness (mm)	Length (mm)	Stock
P3100T10X6	2	6000	✓
P3100T10X3	2	3000	✓
HDP3100T10X6	2	6000	

Stated loadings apply to mild steel products only.

Unistrut P2000 & 4000

P2000T

T=14mm x 28mm

50

41

1.5mm

Y
X Z
Y

A = 1.92 cm²
 ρ /m = 1.72 kg/m
 I y-y = 4.24 cm⁴
 Z y-y = 2.04 cm³
 r y-y = 1.48 cm
 I z-z = 6.10 cm⁴
 Z z-z = 2.95 cm³
 r z-z = 1.78 cm

PO PG HG

L(mm)	F		f=1/200L	f=1/360L	F _允
	F _{max} (kN)	f _{max} (mm)			
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

Article	Thickness (mm)	Length (mm)	Stock
P2000TX6	1,5	6000	✓
P2000TX3	1,5	3000	

P4000T10

T= 11 x 25 mm

50

41

21

1.5mm

Y
X Z
Y

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

PG

L(mm)	F		f=1/200L	f=1/360L	F _允
	F _{max} (kN)	f _{max} (mm)			
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	-	-	-

Article	Thickness (mm)	Length (mm)	Stock
P4000T10X6	1,5	6000	✓
P4000T10X3	1,5	3000	✓

Stated loadings apply to mild steel products only.

Unistrut P5000

Y
Z
X
Z
Y

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

P5000T

T = 14 x 28 mm

PG HG

L(mm)	F		f=1/200L	f=1/360L	F _{min}
	F _{max} (kN)	f _{max} (mm)			
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

Article	Thickness (mm)	Length (mm)	Stock
OP5000X6	2,5	6000	
P5000X6	2,5	6000	
P5000TX6	2,5	6000	
HDP5000TX6	2,5	6000	

Y
Z
X
Z
Y

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

P5001T

T = 14 x 28 mm

PG HG

L(mm)	F		f=1/200L	f=1/360L	F _{min}
	F _{max} (kN)	f _{max} (mm)			
250	-	-	-	-	34.266
500	-	-	-	-	34.129
750	-	-	-	-	33.825
1000	-	-	-	-	33.432
1250	24.535	1.25	-	-	32.864
1500	20.444	1.80	-	-	32.010
1750	17.521	2.45	-	-	30.764
2000	15.333	3.20	-	-	29.165
2250	13.626	4.05	-	-	27.350
2500	12.263	5.00	-	-	25.467
2750	11.154	6.05	-	-	23.613
3000	10.222	7.21	-	-	21.847

PG HG

Spot Welded

Article	Thickness (mm)	Length (mm)	Stock
P5001X6	2,5	6000	
P5001TX6	2,5	6000	

Stated loadings apply to mild steel products only.

Unistrut P5500

A	= 4.03 cm ²
ρ/m	= 3.60 kg/m
I _{y-y}	= 17.57 cm ⁴
I _{z-z}	= 13.07 cm ⁴
r _{y-y}	= 2.09 cm
r _{z-z}	= 1.79 cm

PG HG

L(mm)	F		$\sigma=167 \text{ N/mm}^2$	$f=1/200L$	$f=1/360L$	F_{min}
	F _{max} (kN)	f _{max} (mm)		F (kN)	F (kN)	
250	-	-	-	-	-	20.277
500	-	-	-	-	-	20.081
750	9.928	1.50	-	-	-	18.443
1000	7.446	2.67	-	-	-	15.245
1250	5.955	4.18	-	-	4.944	12.557
1500	4.964	6.02	-	-	3.434	10.507
1750	4.248	8.19	-	-	2.521	8.966
2000	3.718	10.70	3.473	1.923	1.789	7.789
2250	3.306	13.55	2.747	1.521	1.266	6.867
2500	2.972	16.73	2.217	1.236	0.981	6.141
2750	2.708	20.24	1.834	1.020	0.781	5.543
3000	2.482	24.09	1.540	0.853	0.641	5.042

Article	Thickness (mm)	Length (mm)	Stock
P5500TX6	2,5	6000	✓
P5500TX3	2,5	3000	
P5500X6	2,5	6000	

A	= 8.06 cm ²
ρ/m	= 7.21 kg/m
I _{y-y}	= 109.74 cm ⁴
I _{z-z}	= 17.70 cm ⁴
r _{y-y}	= 3.69 cm
r _{z-z}	= 1.80 cm

PG HG

L(mm)	F		$\sigma=167 \text{ N/mm}^2$	$f=1/200L$	$f=1/360L$	F_{min}
	F _{max} (kN)	f _{max} (mm)		F (kN)	F (kN)	
250	-	-	-	-	-	34.747
500	-	-	-	-	-	34.590
750	-	-	-	-	-	34.257
1000	-	-	-	-	-	33.766
1250	-	-	-	-	-	32.971
1500	15.745	3.07	-	-	-	31.677
1750	13.499	4.18	-	-	-	29.822
2000	11.811	5.47	-	-	-	27.674
2250	10.497	6.92	-	-	9.476	25.457
2500	9.477	8.54	-	-	7.671	23.299
2750	8.584	10.34	-	-	6.337	21.288
3000	7.868	12.30	-	-	5.327	19.443

PG HG
Spot Welded

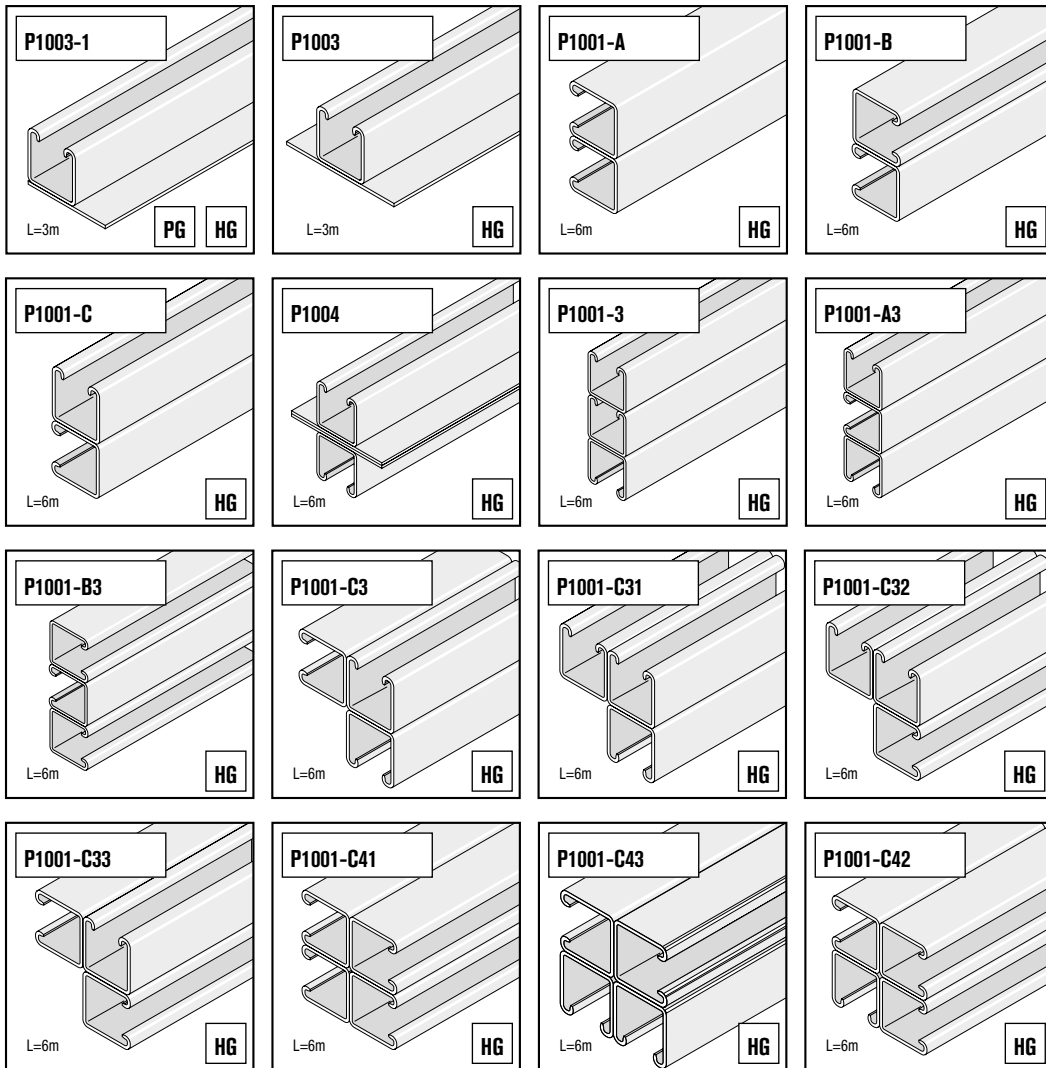
Spot welded unless otherwise noted.

Article	Thickness (mm)	Length (mm)	Stock
P5501TX6	2,5	6000	✓
HDP5501TX6	2,5	6000	

Stated loadings apply to mild steel products only.

Unistrut P1000 Special Channels

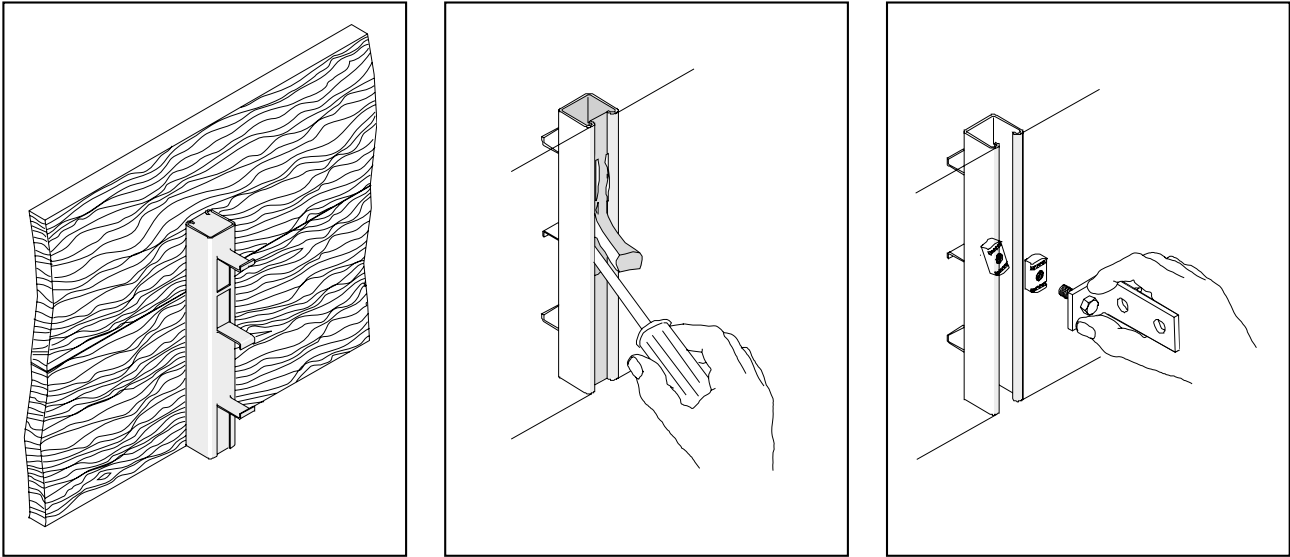
P1000 Special Channels require a minimum order quantity - RFK



These items can be ordered on request (RFK).

Concrete Inserts

RFK



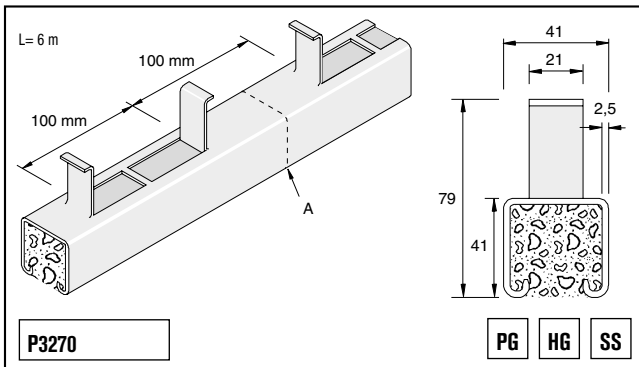
Concrete Inserts

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

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

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

Concrete inserts can be supplied in pre galvanized, hot dip galvanized and stainless steel finishes.

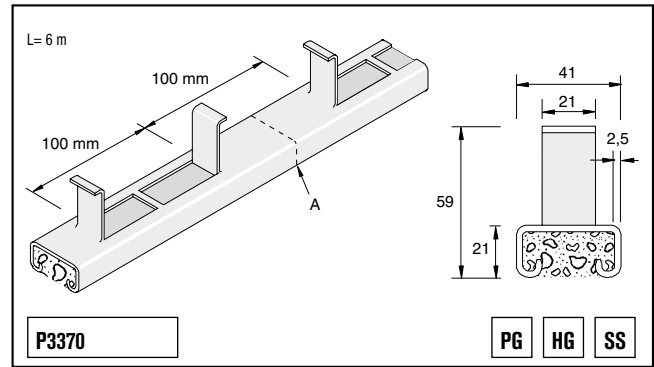


P3270 inserts are designed to accommodate M6, M8, M10, M12 & M16 fixings. Cutting positions are located between lugs as indicated (A) in increments of 200mm.

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

Part No.	Pullout	Length
P3270	8.8kN	300mm

*B = 25 N/mm²



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

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

Part No.	Pullout	Length
P3370	6.7kN	300mm

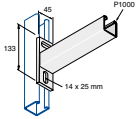

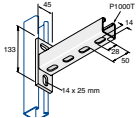
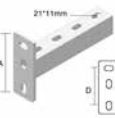
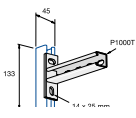
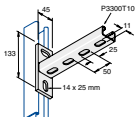
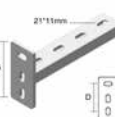
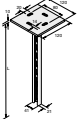

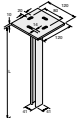

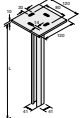

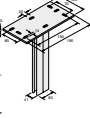

*B = 25 N/mm²

Stated loadings apply to mild steel products only
These items can be ordered on request (RFK).

Cantilevers

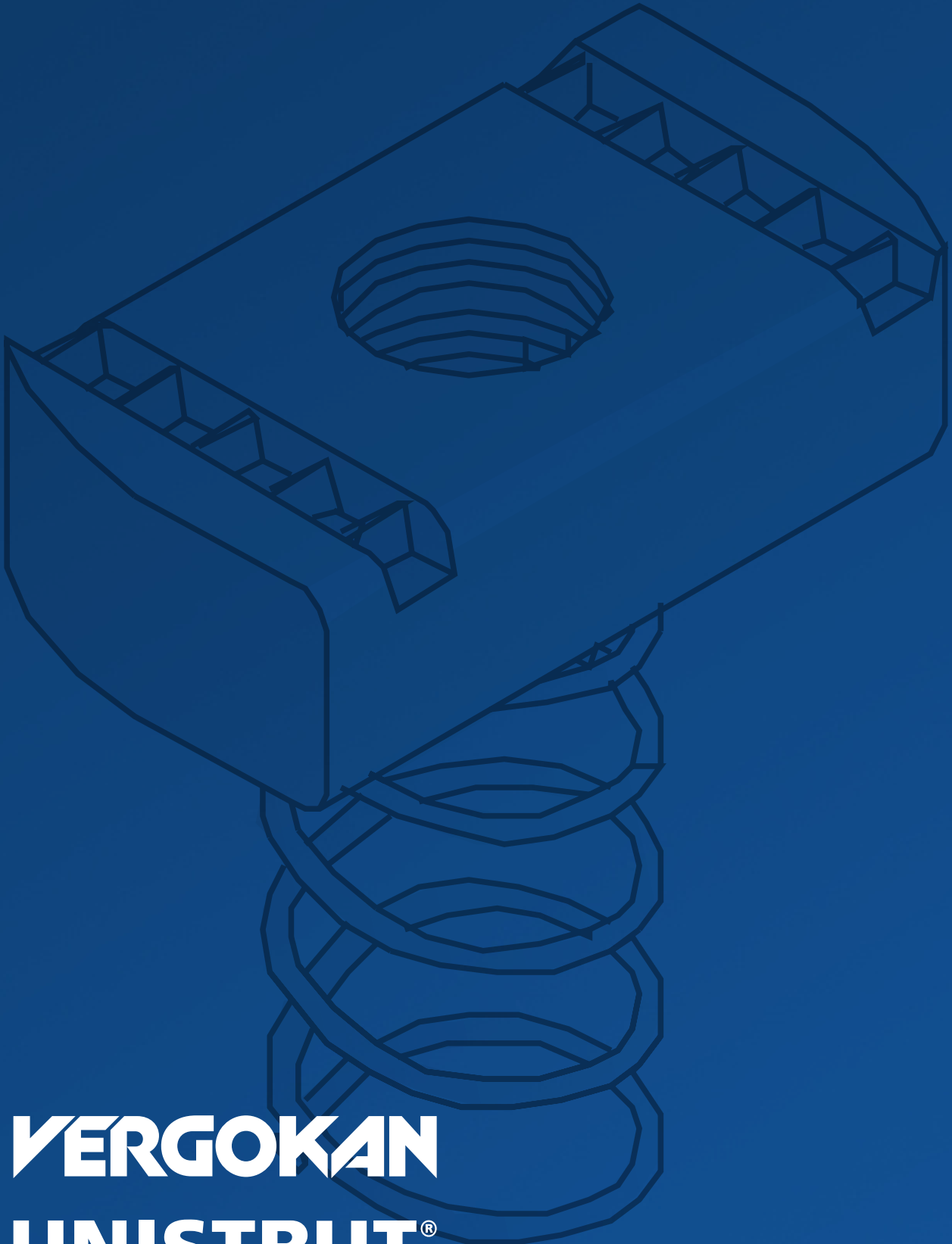
For the Unistrut cantilevers we refer to the Vergokan range.

Conversion table

Unistrut	Vergokan	Remark
P2663 	WKMP41.41 	WKMP41.41 based on 2 mm channel instead of 2,5 mm for P2663
P2663T 	WKMP41.41 	WKMP41.41 based on 2 mm channel instead of 2,5 mm for P2663T
P2668T 		On demand via RFK request
P2633T 	WKMP41.21 	WKMP41.21 based on 2 mm channel instead of 2,5 mm for P2633T
HBL 	HDHSLECL 	
HBM 	HSMES 	
HBLD 	HDHSLDCL 	
HBH 	HSMD 	

2. Channel nuts

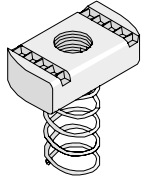
Original Unistrut® channel nuts



VERGOKAN
UNISTRUT®

Channel nuts

Suitable for P1000, P2000 & P3270

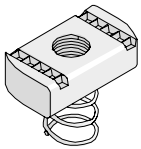


PNL06-PNL12A

ZP HG SS

Finish	Thread		Size	/100	/100	Stock		
	ZP	HG				SS	ZP	HG
PNL06	HDPNL06	I6PNL06	M6	3.26	100	✓	✓	✓
PNL08	HDPNL08	I6PNL08	M8	3.53	100	✓		
PNL10	HDPNL10	I6PNL10	M10	3.95	100	✓	✓	✓
PNL12	HDPNL12		M12	4.78	100	✓		✓
PNL12A	HDPNL12A	I6PNL12A	M12	3.43	100	✓	✓	

Suitable for P3300, P4000 & P3370

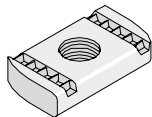


PNS06-PNS12A

ZP HG SS

Finish	Thread		Size	/100	/100	Stock		
	ZP	HG				SS	ZP	HG
PNS06	HDPNS06	I6PNS06	M6	3.1	100	✓		
PNS08	HDPNS08	I6PNS08	M8	3.5	100			
PNS10	HDPNS10	I6PNS10	M10	3.9	100	✓		
PNS12A	HDPNS12A	I6PNS12A	M12	3.6	100			

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



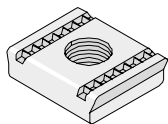
PNP06-PNP12A

ZP HG SS

Finish	Thread		Size	/100	/100	Stock		
	ZP	HG				SS	ZP	HG
PNP06	HDPNP06	I6PNP06	M6	3.10	100	✓	✓	✓
PNP08	HDPNP08	I6PNP08	M8	3.40	100	✓	✓	✓
PNP10	HDPNP10	I6PNP10	M10	3.80	100	✓	✓	✓
PNP12	HDPNP12		M12	4.68	100	✓	✓	✓
PNP12A	HDPNP12A	I6PNP12A	M12	3.43	100	✓	✓	✓

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

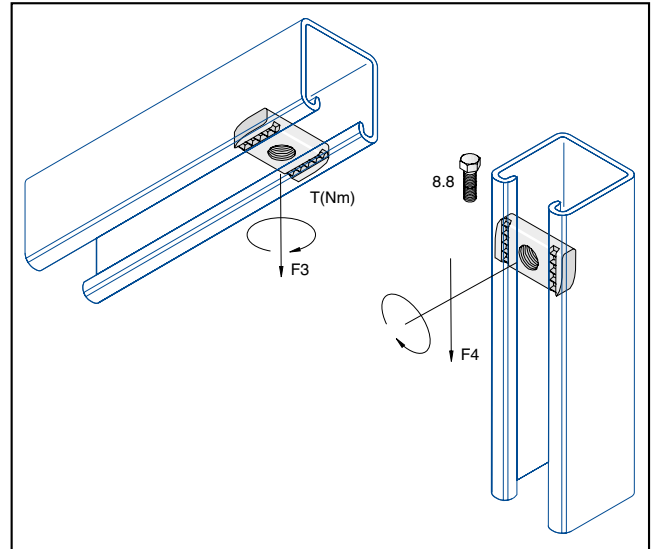
Suitable for P1000, P5000, P5500 & P3270



PNP16

ZP

Finish	Thread	Size	/100	/100	Stock
PNP16	M16		8.00	100	✓



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


	Part No.	T (Nm)	F3 kN	Stock
P1000 41	I6PNP06	6.5	2.45	✓
	I6PNP08	16	4.41	✓
	I6PNP10	31.5	6.86	✓
	I6PNP12A	55	6.86	✓
	I6PNP16	125	10.30	✓
P3300 41	I6PNP06	6.5	2.45	✓
	I6PNP08	16	4.41	✓
	I6PNP10	31.5	6.86	✓
	I6PNP12A	55	6.86	✓


*M16SN Hot forged


Unistrut

Stud Nuts

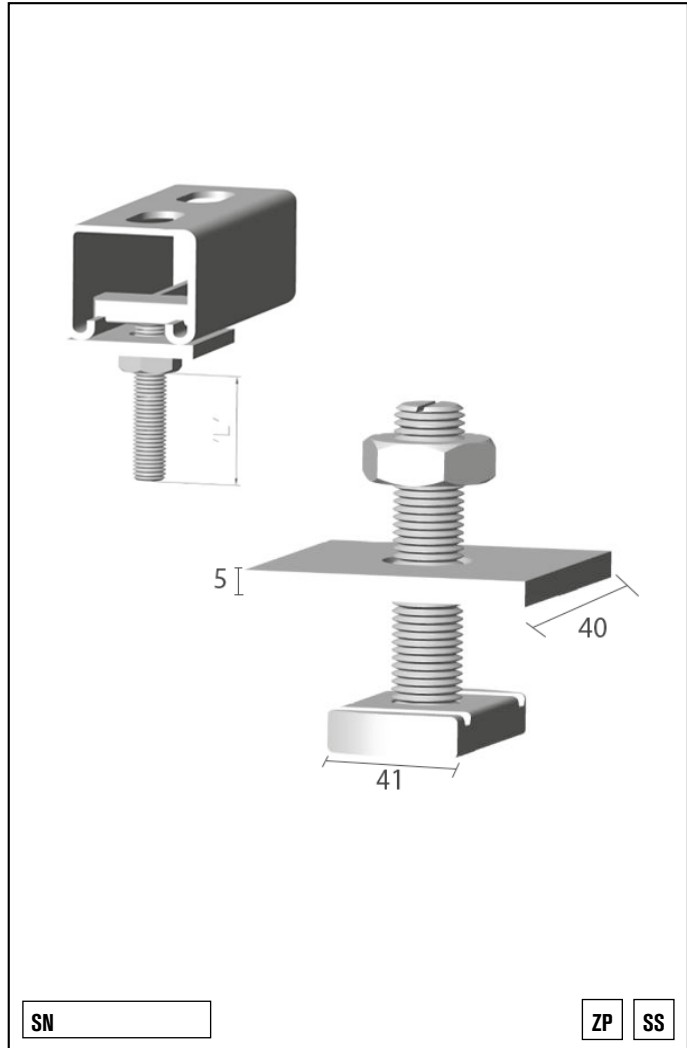
Finish	L		Stock
ZP			
M6X30SN	18.5mm	100	

Finish	L		Stock
ZP	SS		ZP SS
M8X30SN	15.5mm	100	
M8X40SN	I6M8X40SN 25.5mm	100	
M8X50SN	35.5mm	100	
M8X60SN	45.5mm	100	
M8X75SN	60.5mm	100	
M8X100SN	85.5mm	100	

Finish	L		Stock
ZP	SS		ZP SS
M10X30SN	13mm	100	
M10X40SN	I6M10X40SN 23mm	100	
M10X50SN	33mm	100	
M10X60SN	43mm	100	
M10X75SN	68mm	100	
M10X100SN	83mm	100	

Finish	L		Stock
ZP	SS		ZP SS
M12X30SN	11mm	100	
M12X40SN	I6M12X40SN 21mm	100	
M12X50SN	31mm	100	
M12X60SN	41mm	100	
M12X75SN	56mm	100	
M12X100SN	81mm	100	

Finish	L		Stock
ZP			
M16X63SN*	40mm	100	
M16X102SN*	79mm	100	

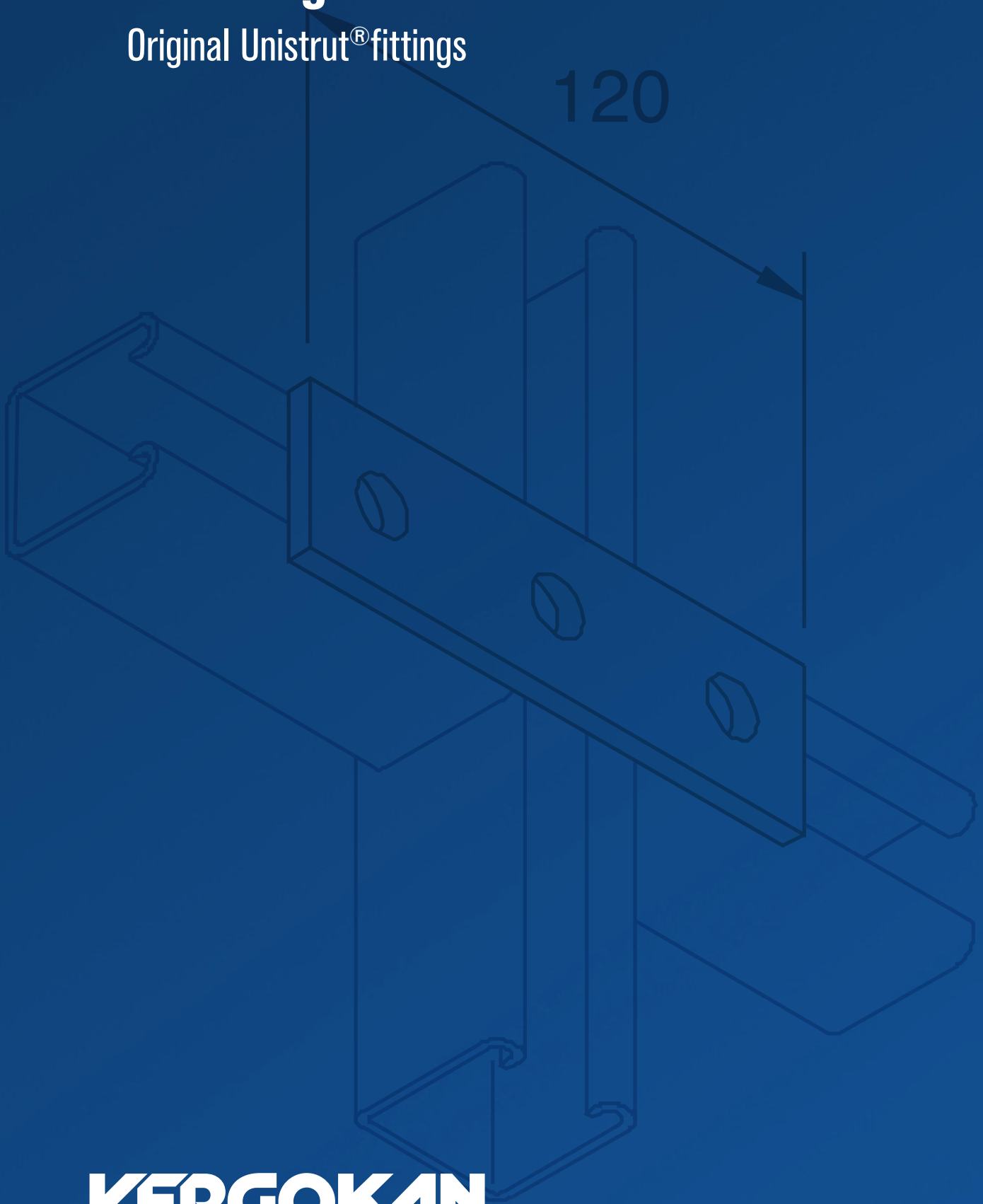


* Hot forged

3. Fittings

Original Unistrut® fittings

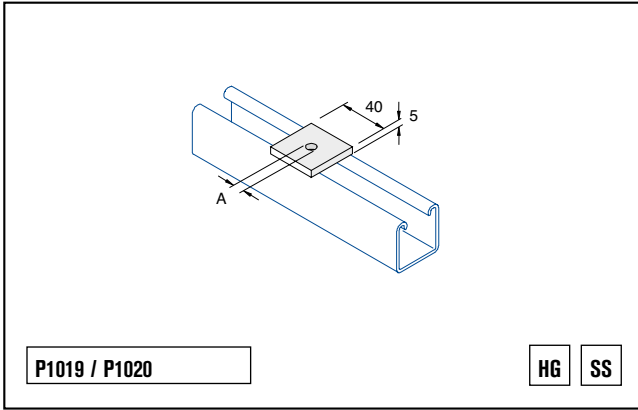
120



VERGOKAN
UNISTRUT®

Fittings

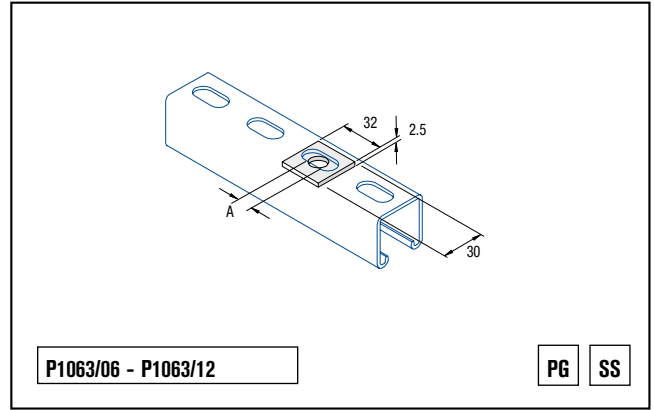
Flat Fittings



P1019 / P1020

HG SS

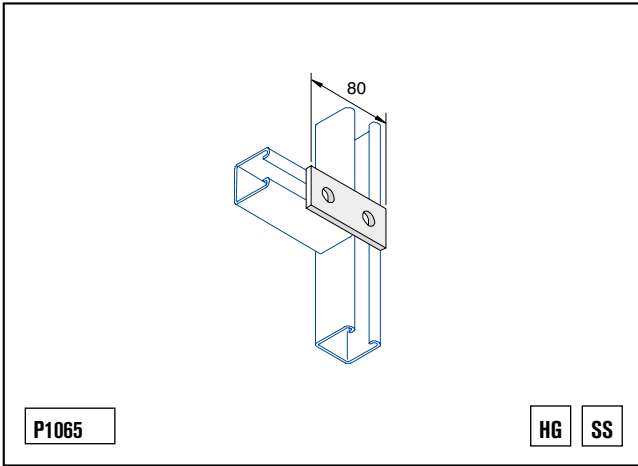
Finish		(mm)				Stock	
HG	SS	A				HG	SS
HDP1019	I6P1019	9	M6/M8	0.06	100	✓	✓
HDP1020	I6P1020	13	M10/M12	0.06	100	✓	✓



P1063/06 - P1063/12

PG SS

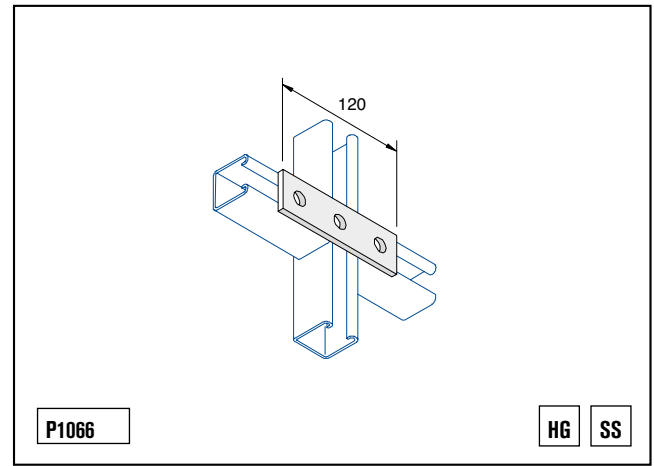
Finish		(mm)				Stock	
PG	SS	A				PG	SS
P1063/06	I6P1063/06	8	M6	0.02	100		
P1063/08	I6P1063/08	10	M8	0.02	100		
P1063/10	I6P1063/10	12	M10	0.02	100	✓	
P1063/12	I6P1063/12	14	M12	0.02	100		



P1065

HG SS

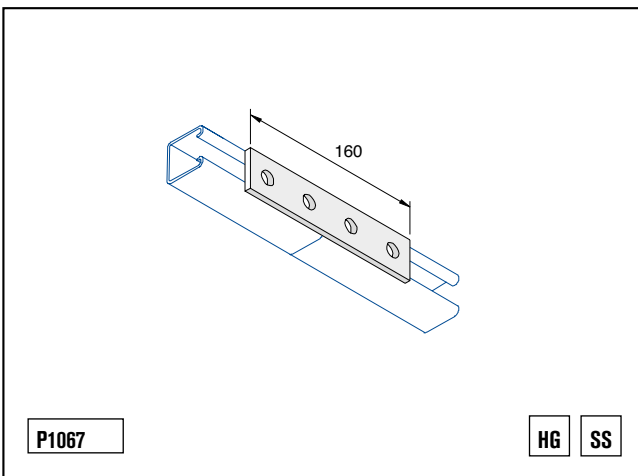
Finish		(mm)			Stock	
HG	SS	A			HG	SS
HDP1065	I6P1065	8		0.17	20	✓



P1066

HG SS

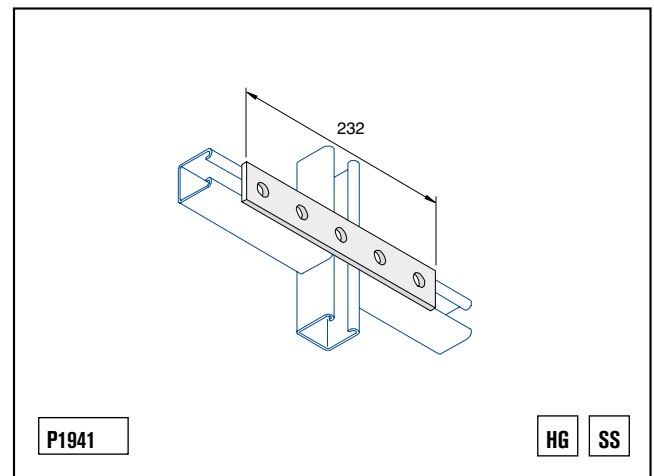
Finish					Stock	
HG	SS				HG	SS
HDP1066	I6P1066	0.25		20	✓	



P1067

HG SS

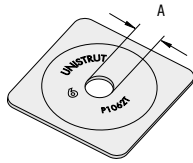
Finish				Stock	
HG	SS			HG	SS
HDP1067	I6P1067	0.35		20	✓



P1941

HG SS

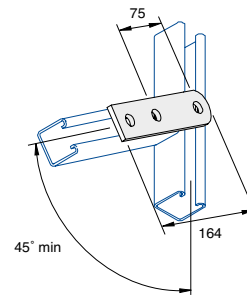
Finish				Stock	
HG	SS			HG	SS
HDP1941	I6P1941	0.43		20	✓



P1062T/P1064T

PG

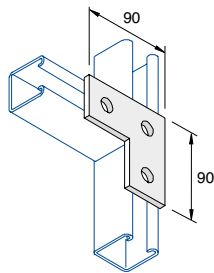
Finish	(mm)				Stock
PG	A		/100		
P1062T	8	M6	3.0	100	✓
P1062AT	10	M8	3.0	100	✓
P1063T	12	M10	3.0	100	✓
P1064T	14	M12	3.0	100	✓



P2322

HG

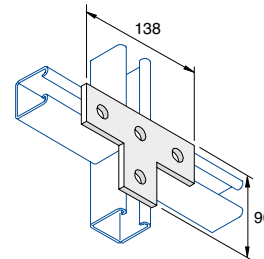
Finish			Stock
HG			
HDP2322	0.34	25	



P1036

HG SS

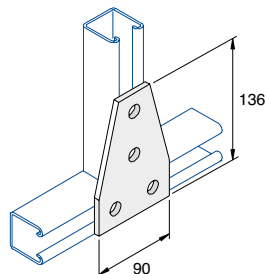
Finish			Stock	
HG			HG	SS
HDP1036	0.26	25	✓	✓



P1031

HG SS

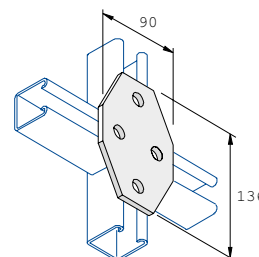
Finish			Stock	
HG			HG	SS
HDP1031	0.36	25	✓	



P1358

HG SS

Finish			Stock	
HG			HG	SS
HDP1358	0.48	10	✓	



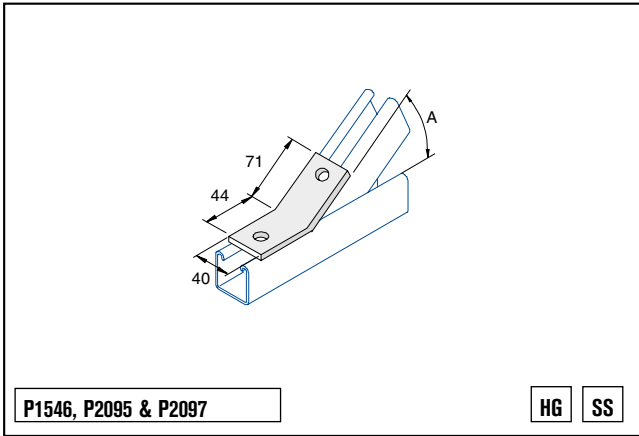
P1580

HG SS

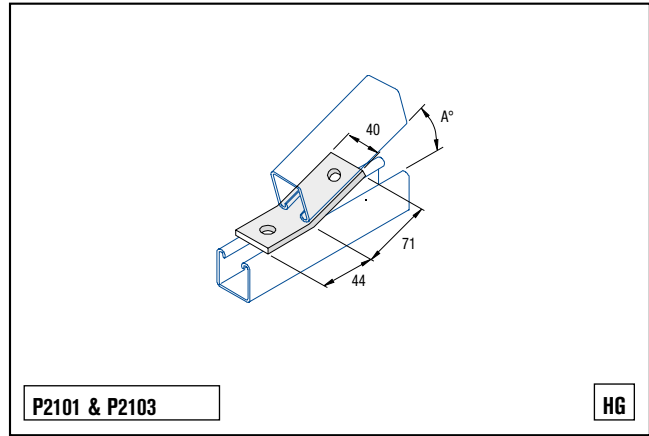
Finish			Stock	
HG			HG	SS
HDP1580	0.37	10		

Unistrut

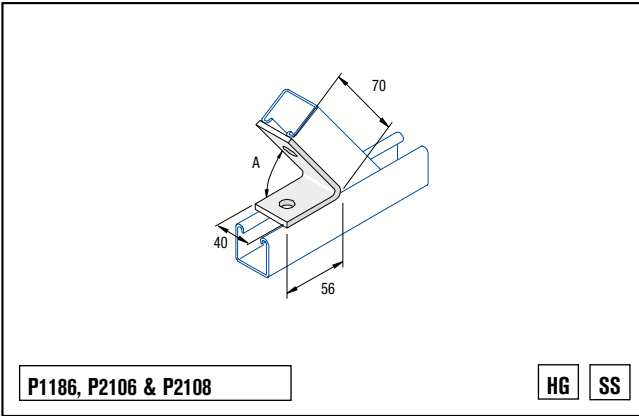
Angle Fittings



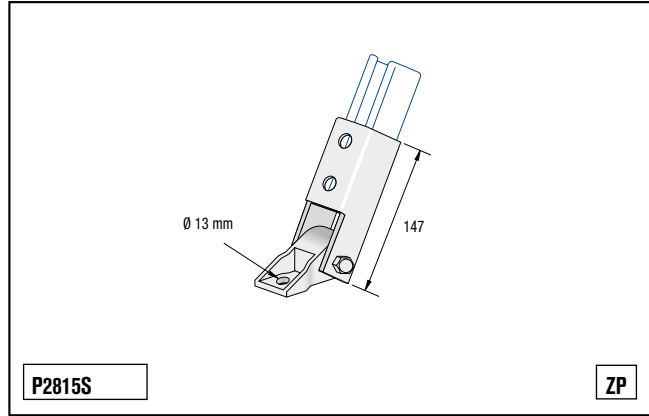
Finish	SS	A°	⚖️	📦	Stock	
					HG	SS
HDP1546	I6P1546	45°	0.26	25	✓	
HDP2097	I6P2097	60°	0.26	25	✓	
HDP2095	I6P2095	75°	0.26	25		



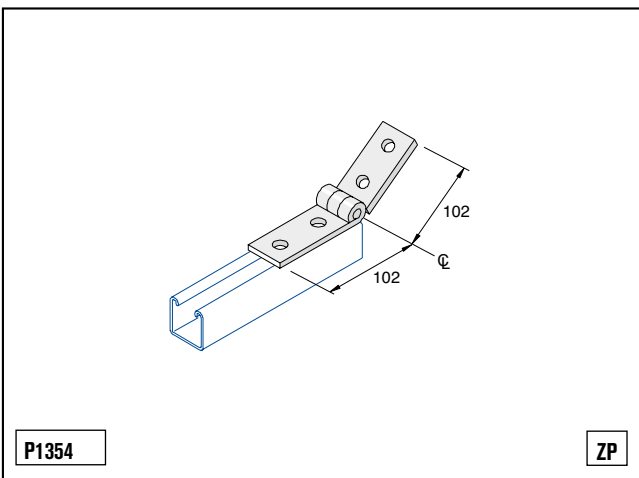
Finish	A°	⚖️	📦	Stock
HG				
HDP2101	30°	0.26	25	
HDP2103	15°	0.26	25	



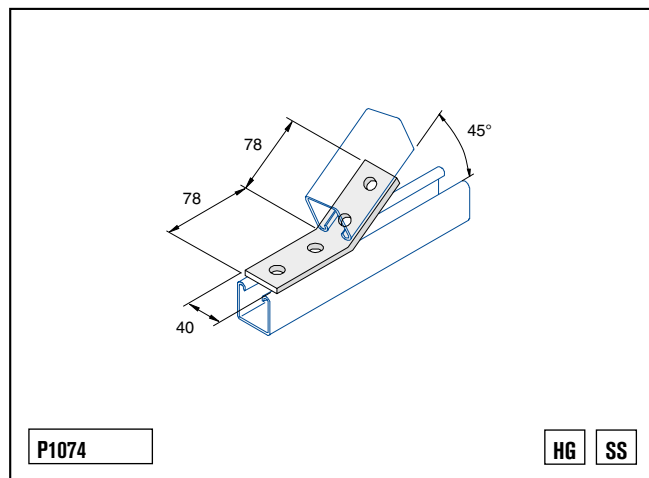
Finish	SS	A°	⚖️	📦	Stock	
					HG	SS
HDP1186	I6P1186	45°	0.26	25	✓	
HDP2106	I6P2106	75°	0.26	25		
HDP2108	I6P2108	60°	0.26	25		



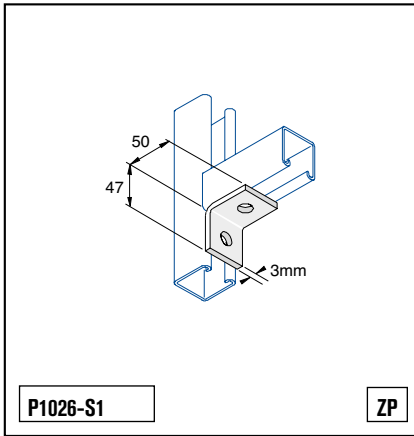
Finish	⚖️	📦	Stock
ZP			
P2815S	1.53	10	✓



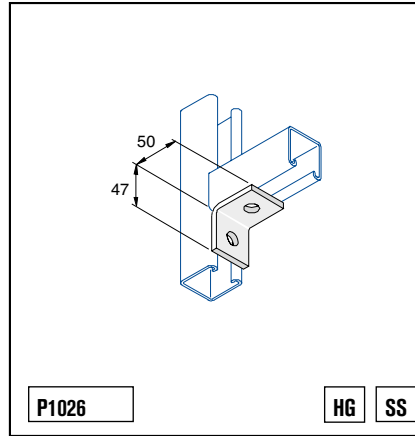
Finish	⚖️	📦	Stock
ZP			
P1354	0.45	20	



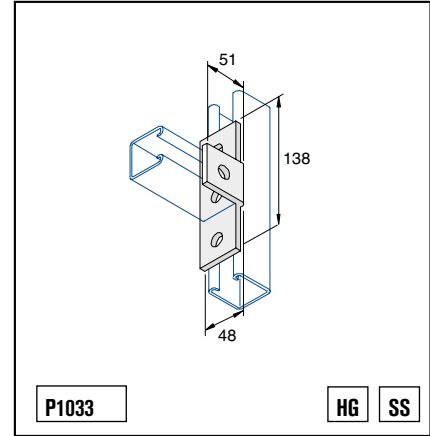
Finish	SS	⚖️	📦	Stock	
				HG	SS
HG					
HDP1074	I6P1074	0.35	25	✓	



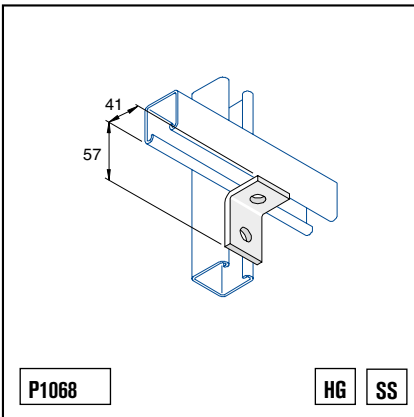
Finish		Weight	Stock
ZP			
P1026-S1		0.07	100 ✓



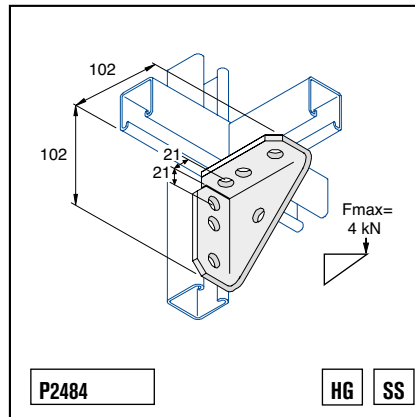
PO	Finish		Weight	Stock
	HG	SS		
OP1026	HDP1026	IGP1026	0.17	100 ✓ ✓



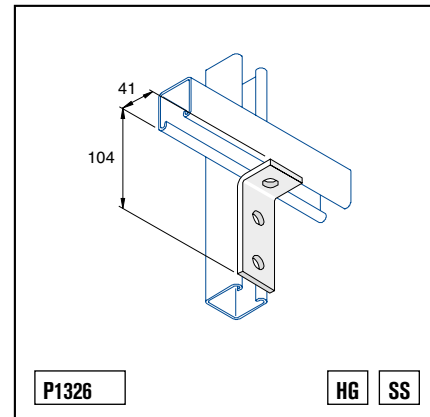
Finish		Weight	Stock
HG	SS		
HDP1033	IGP1033	0.36	25 ✓



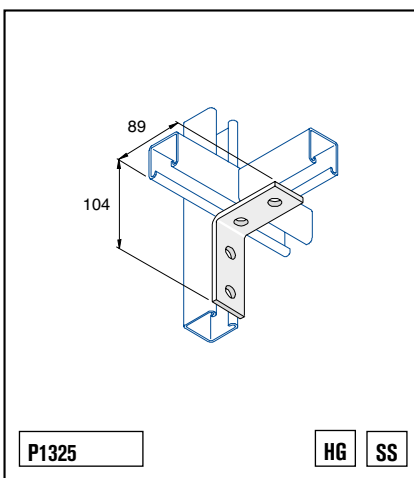
Finish		Weight	Stock
HG	SS		
HDP1068	IGP1068	0.17	25 ✓ ✓



Finish		Weight	Stock
HG	SS		
HDP2484	IGP2484	0.61	10 ✓



Finish		Weight	Stock
HG	SS		
HDP1326	IGP1326	0.26	25 ✓ ✓

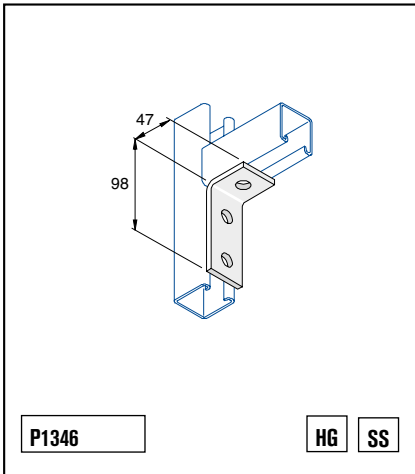


Finish		Weight	Stock
HG	SS		
HDP1325	IGP1325	0.35	25 ✓ ✓

Stated loadings apply to mild steel products only.

Unistrut

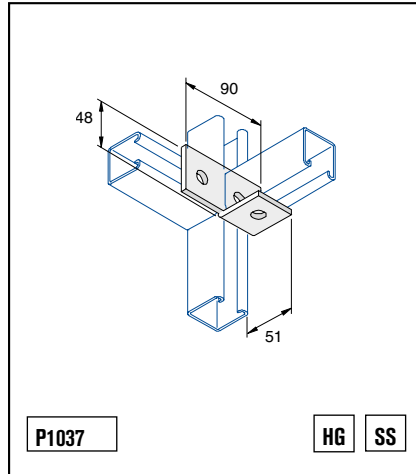
90° Angle Fittings



P1346

HG SS

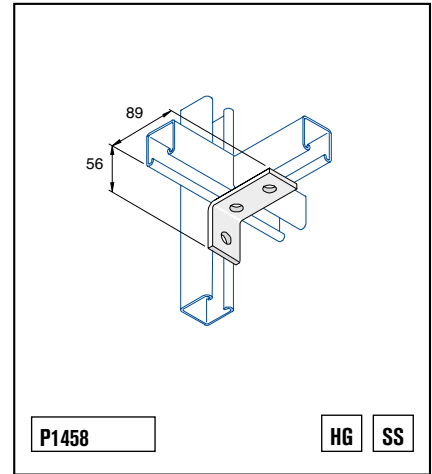
Finish		Weight	Volume	Stock	
HG	SS			HG	SS
HDP1346	I6P1346	0.26	25	✓	



P1037

HG SS

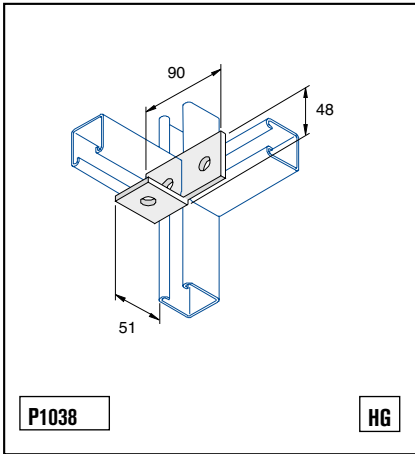
Finish		Weight	Volume	Stock	
HG	SS			HG	SS
HDP1037	I6P1037	0.26	25	✓	



P1458

HG SS

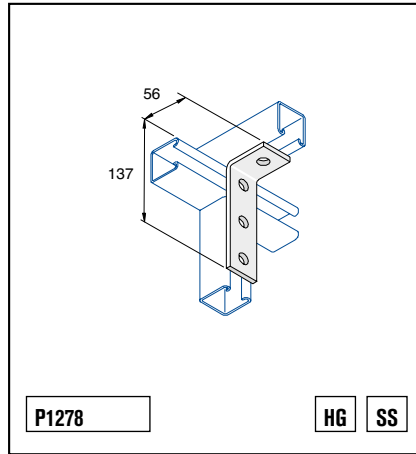
Finish		Weight	Volume	Stock	
HG	SS			HG	SS
HDP1458	I6P1458	0.26	25	✓	



P1038

HG

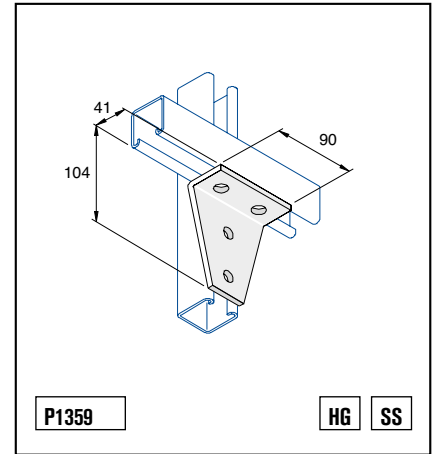
Finish		Weight	Volume	Stock	
HG	SS			HG	SS
HDP1038		0.26	25		



P1278

HG SS

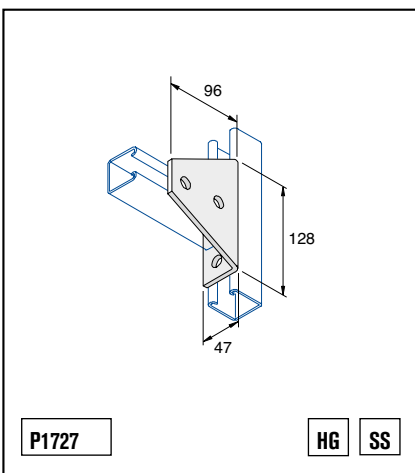
Finish		Weight	Volume	Stock	
HG	SS			HG	SS
HDP1278	I6P1278	0.26	25	✓	



P1359

HG SS

Finish		Weight	Volume	Stock	
HG	SS			HG	SS
HDP1359	I6P1359	0.48	25	✓	

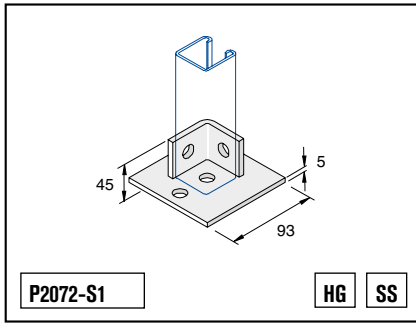


P1727

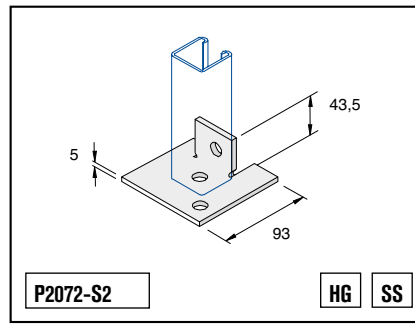
HG SS

Finish		Weight	Volume	Stock	
HG	SS			HG	SS
HDP1727	I6P1727	0.70	10	✓	

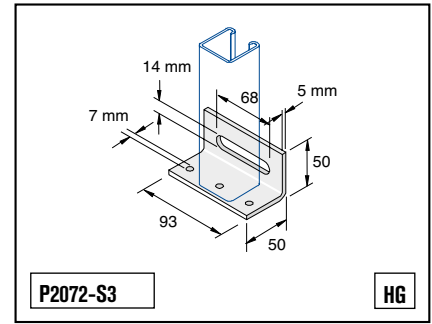
Stated loadings apply to mild steel products only.



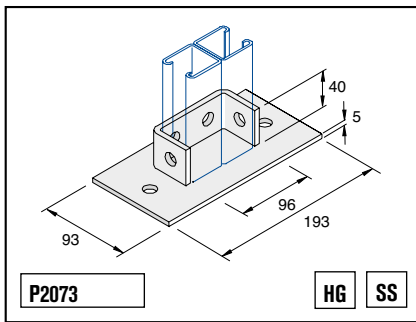
Finish		Weight	Stock	Stock	
HG	SS			HG	SS
HDP2072-S1	I6P2072-S1	0.48	10	✓	✓



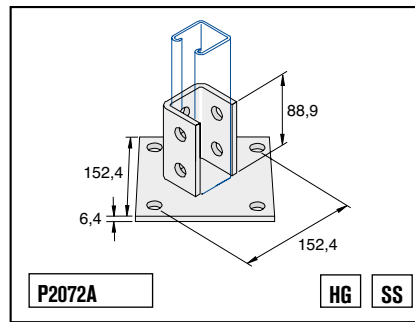
Finish		Weight	Stock	Stock	
HG	SS			HG	SS
HDP2072-S2	I6P2072-S2	0.33	10	✓	✓



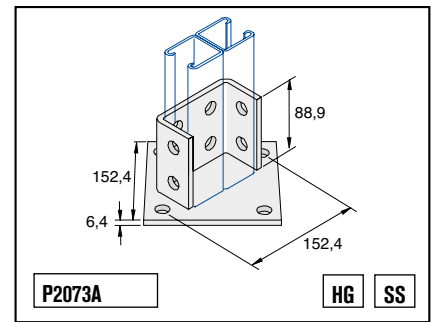
Finish		Weight	Stock	Stock	
HG	SS			HG	SS
HDP2072-S3		0.30	10	✓	✓



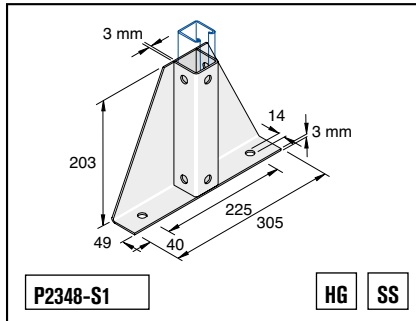
Finish		Weight	Stock	Stock	
HG	SS			HG	SS
HDP2073	I6P2073	0.98	10	✓	✓



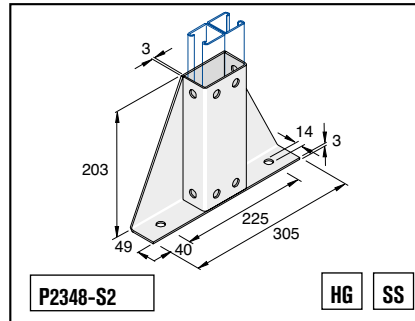
Finish		Weight	Stock	Stock	
HG	SS			HG	SS
HDP2072A	I6P2072A	1.70	10	✓	✓



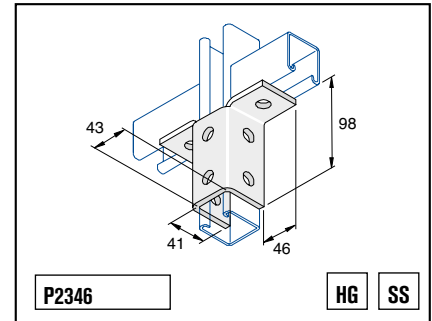
Finish		Weight	Stock	Stock	
HG	SS			HG	SS
HDP2073A	I6P2073A	1.80	10	✓	✓



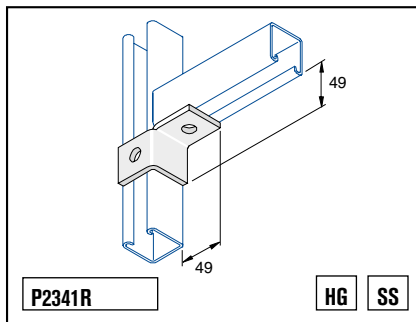
Finish		Weight	Stock	Stock	
HG	SS			HG	SS
P2348-S1	I6P2348-S1	1.95	1	✓	✓



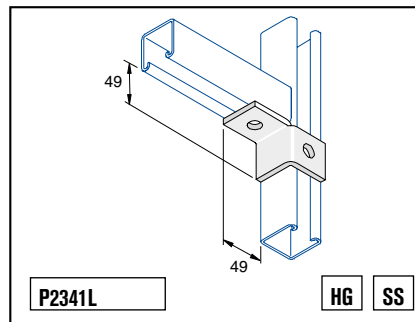
Finish		Weight	Stock	Stock	
HG	SS			HG	SS
HDP2348-S2	I6P2348-S2	2.15	1	✓	✓



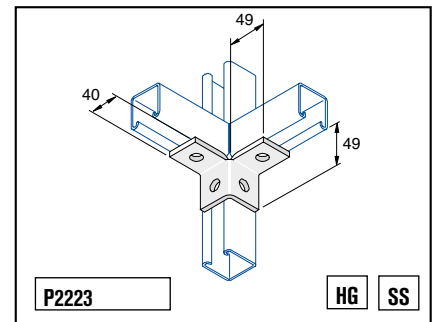
Finish		Weight	Stock	Stock	
HG	SS			HG	SS
HDP2346	I6P2346	0.68	10	✓	✓



Finish		Weight	Stock	Stock	
HG	SS			HG	SS
HDP2341R	I6P2341R	0.21	25	✓	✓



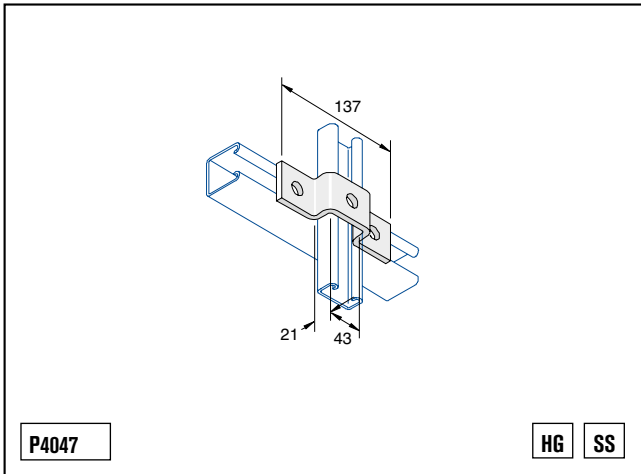
Finish		Weight	Stock	Stock	
HG	SS			HG	SS
HDP2341L	I6P2341L	0.21	25	✓	✓



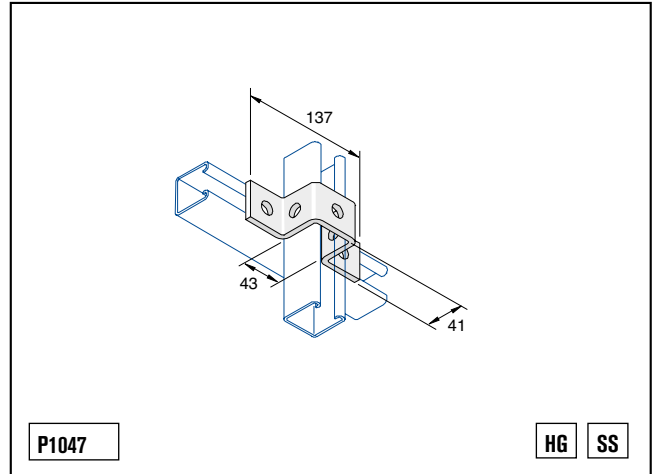
Finish		Weight	Stock	Stock	
HG	SS			HG	SS
HDP2223	I6P2223	0.35	25	✓	✓

Unistrut

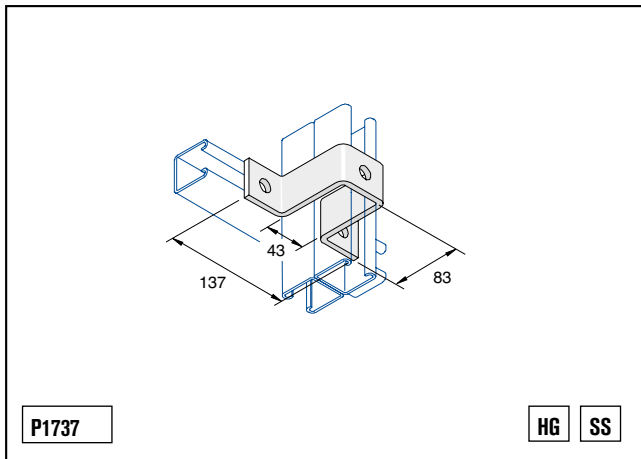
U & Z Fittings & Channel Couplers



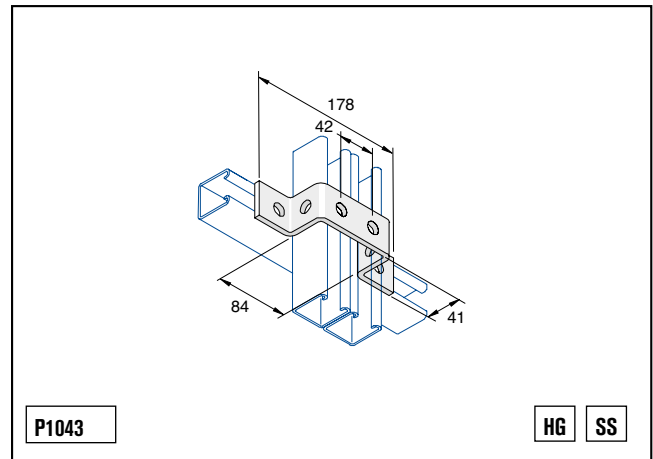
Finish		Weight	Box Qty	Stock	
HG	SS			HG	SS
HDP4047	I6P4047	0.32	25	✓	



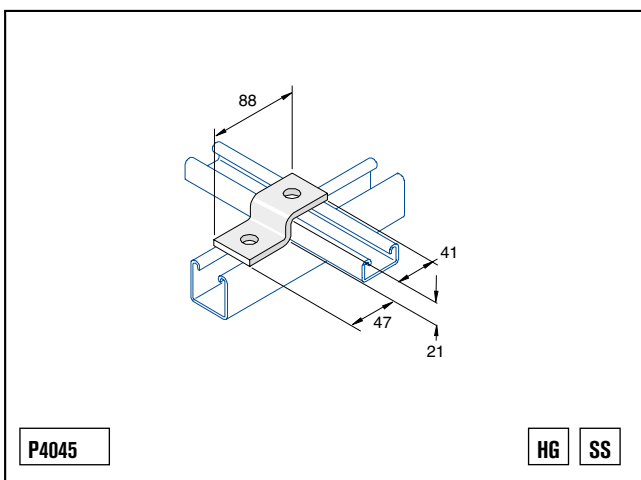
Finish		Weight	Box Qty	Stock	
HG	SS			HG	SS
HDP1047	I6P1047	0.40	25	✓	



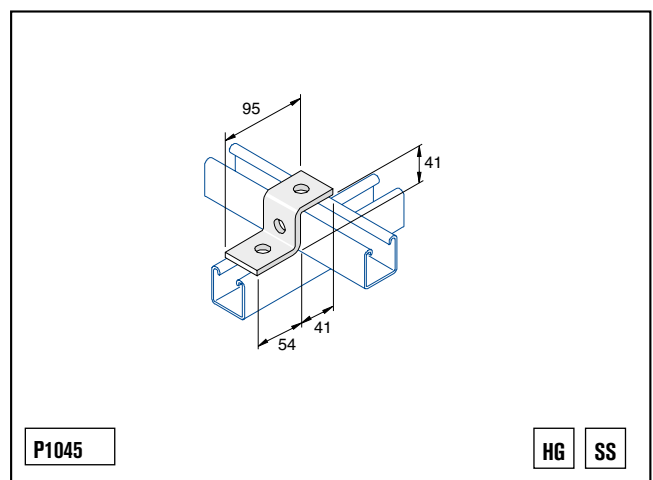
Finish		Weight	Box Qty	Stock	
HG	SS			HG	SS
HDP1737	I6P1737	0.58	10	✓	



Finish		Weight	Box Qty	Stock	
HG	SS			HG	SS
HDP1043	I6P1043	0.48	20		

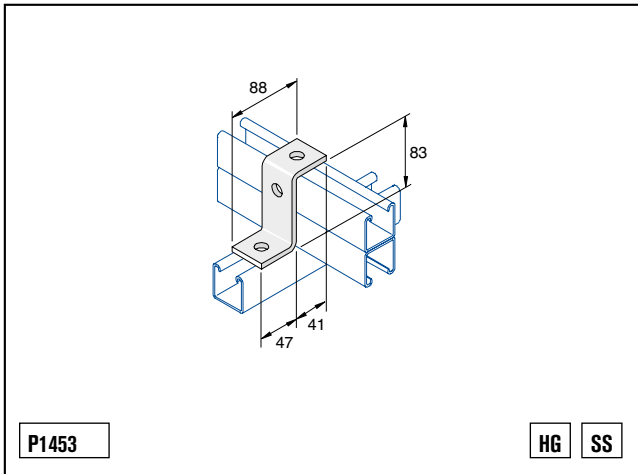


Finish		Weight	Box Qty	Stock	
HG	SS			HG	SS
HDP4045	I6P4045	0.21	50	✓	

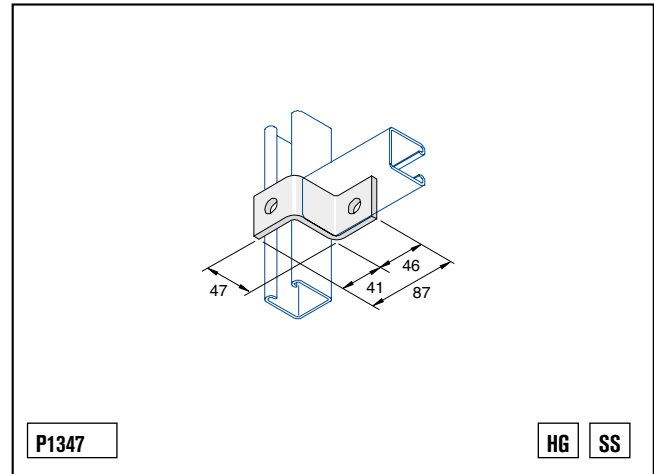


Finish		Weight	Box Qty	Stock	
HG	SS			HG	SS
HDP1045	I6P1045	0.25	25	✓	✓

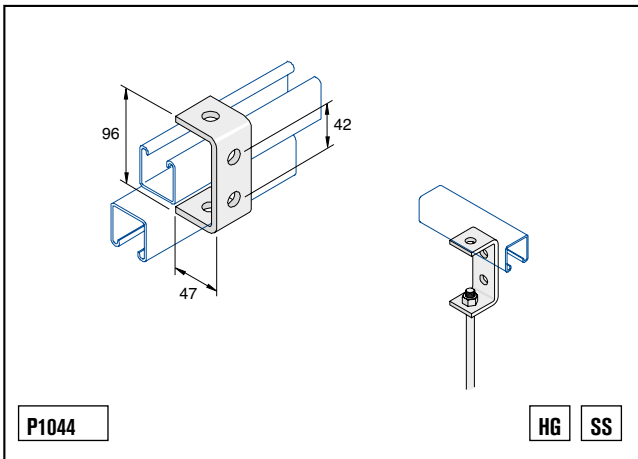
U & Z Fittings & Channel Couplers



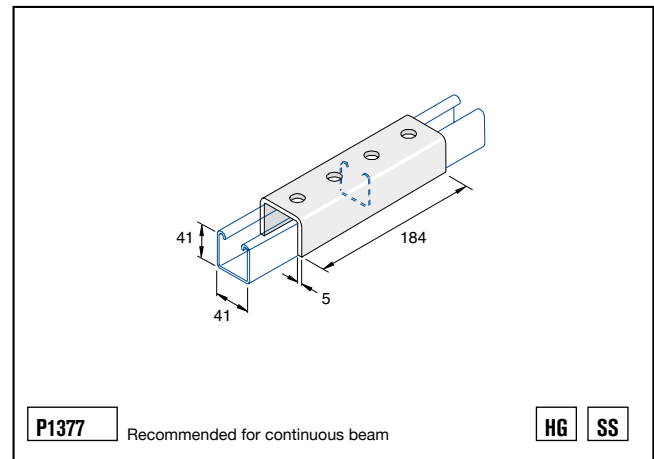
Finish	Weight	Stock
HG	0.32	HG
SS	0.32	SS



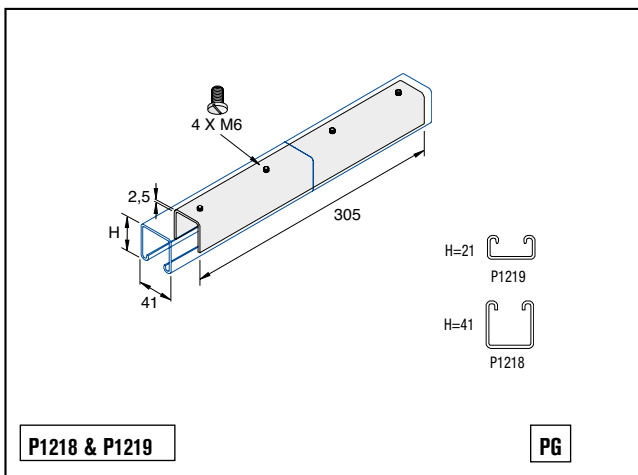
Finish	Weight	Stock
HG	0.25	HG
SS	0.25	SS



Finish	Weight	Stock
HG	0.32	HG
SS	0.32	SS



Finish	Weight	Stock
HG	1.20	HG
SS	1.20	SS



Finish	Weight	Stock
PG	0.564	PG
P1218	0.297	10
P1219	0.297	10

Unistrut

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**

Finish		H (mm)	Hu (mm)	⚖️	📦	Stock	
HG	SS					HG	SS
HDP2785	I6P2785	21-41	86	0.31	25	✓	✓
HDP2786	I6P2786	62-83	127	0.35	25	✓	
HDP2787		124-164	209	0.43	25	✓	

P3087=P3087A + P3087B

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

P3087 **HG** **SS**

Finish		⚖️	📦	Stock	
HG	SS			HG	SS
HDP3087	I6P3087	0.67	10	✓	

Z10 **ZP**

Finish	⚖️	📦	Stock
ZP			
Z10U	0.06	100	

P1983 **HG** **SS**

Finish		⚖️	📦	Stock	
HG	SS			HG	SS
HDP1983	I6P1983	0.39	10		

P1386-S1 **ZP**

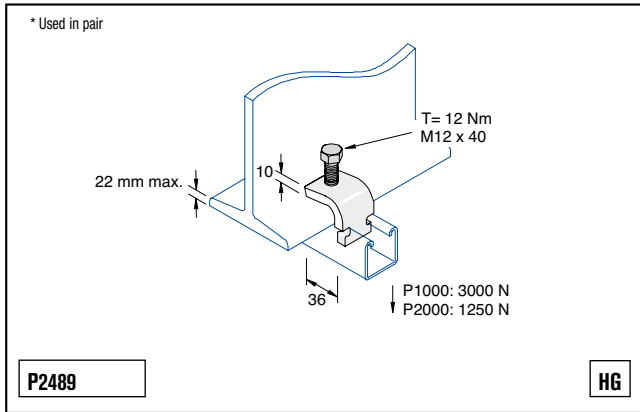
Finish	⚖️	📦	Stock
ZP			
P1386-S1	0.05	20	✓

* Used in pair

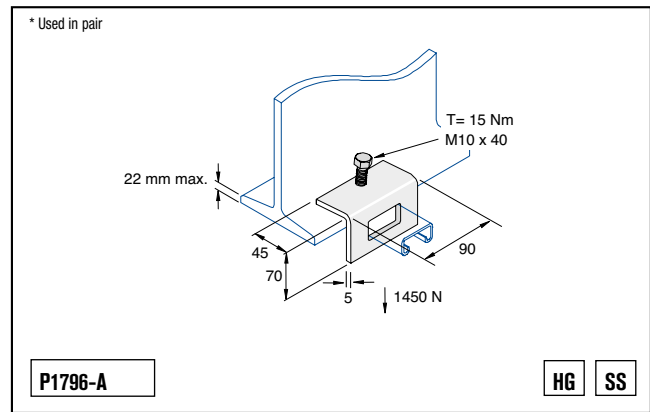
P1386 **HG** **SS**

Finish		⚖️	📦	Stock	
HG	SS			HG	SS
HDP1386	I6P1386	0.042	75	✓	✓

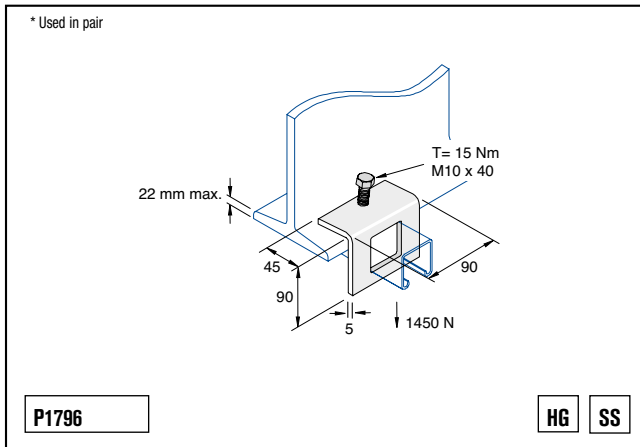
Stated loadings apply to mild steel products only.



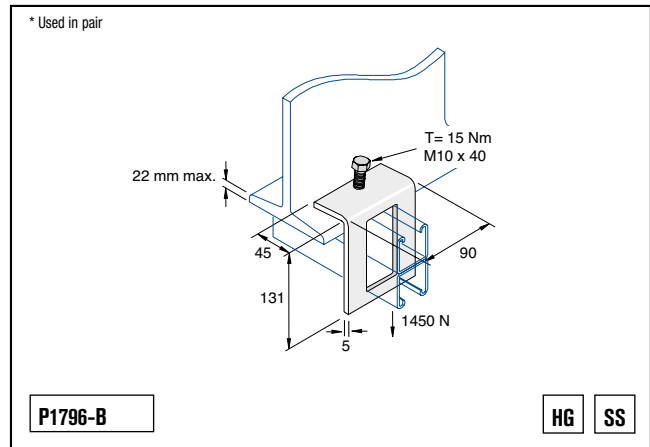
Finish		Weight	Quantity	Stock	
HG	SS			HG	SS
HDP2489		0.25	10	✓	



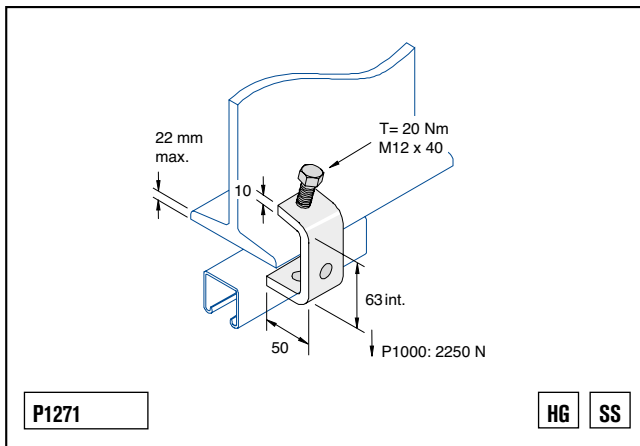
Finish		Weight	Quantity	Stock	
HG	SS			HG	SS
HDP1796-A	I6P1796-A	0.39	10	✓	



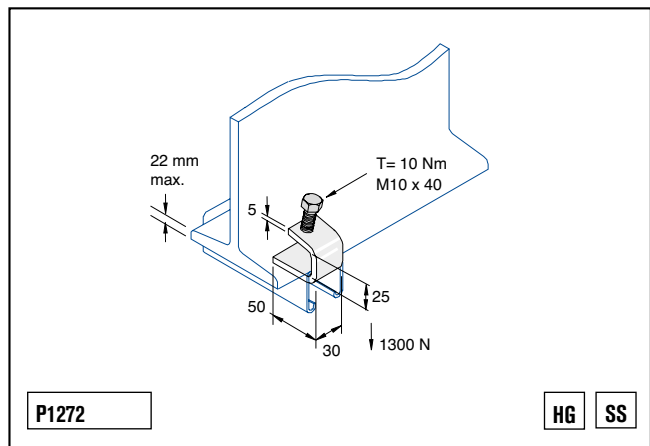
Finish		Weight	Quantity	Stock	
HG	SS			HG	SS
HDP1796	I6P1796	0.39	10	✓	



Finish		Weight	Quantity	Stock	
HG	SS			HG	SS
HDP1796-B	I6P1796-B	0.50	8	✓	



Finish		Weight	Quantity	Stock	
HG	SS			HG	SS
HDP1271	I6P1271	0.043	10	✓	

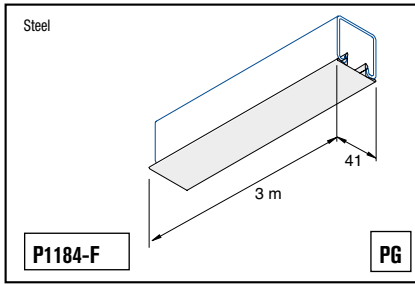


Finish		Weight	Quantity	Stock	
HG	SS			HG	SS
HDP1272	I6P1272	0.13	50	✓	✓

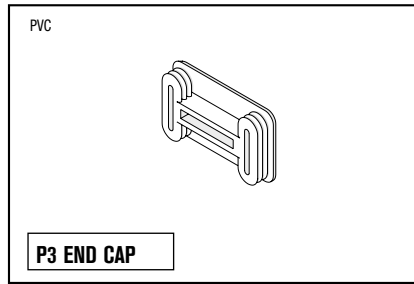
Stated loadings apply to mild steel products only.
For thicker beam clamps, see Vergokan article HDVS41.46.

Unistrut

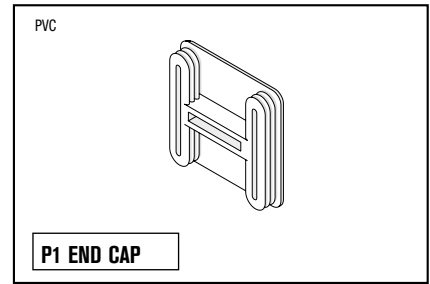
Channel Fittings



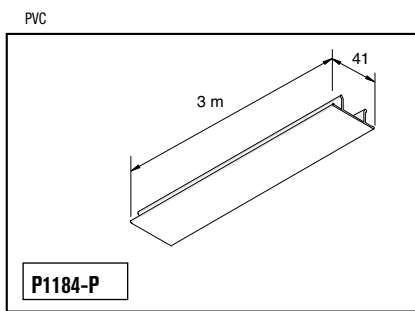
Part No.	Weight	Stock
P1184-F	1.07	1



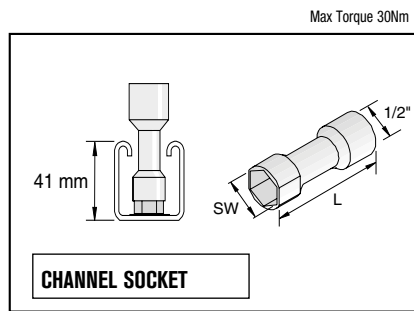
Part No.	Colour	Dimensions	Weight	Stock
139.21.96	White	41x21	0.3	100
139.21.97	Black	41x21	0.3	100



Part No.	Colour	Dimensions	Weight	Stock
139.41.96	White	41x41	0.5	100
139.41.97	Black	41x41	0.5	100

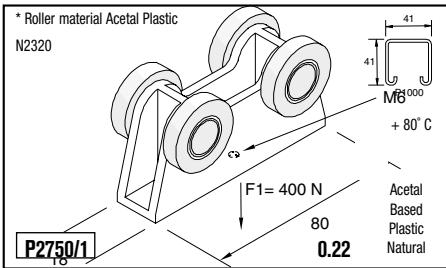


Part No.	Colour	Weight	Stock
P1184-PW	White	0.48	1
P1184-PB	Black	0.48	1

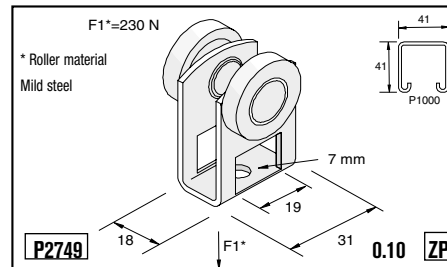


Part No.	Thread	Stock
17AF	M10	✓
17AF/P3300	M10	✓
19AF	M12	✓

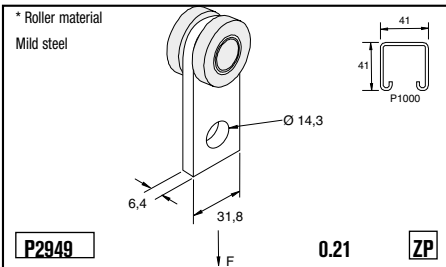
Channel Trolley Assemblies



Part No.	Stock
P2750/1	✓

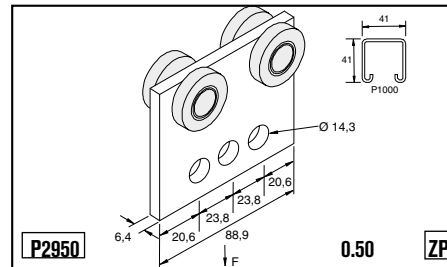


Part No.	Stock
P2749	✓



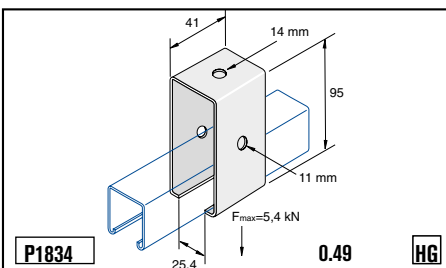
RPM	F (kN)
600	0.7
300	1.0
100	1.9

Part No.	Stock
P2949	✓

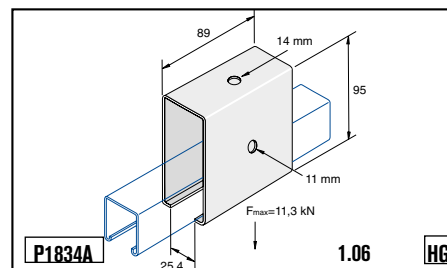


RPM	F (kN)
600	1.3
300	2.0
100	2.7

Part No.	Stock
P2950	✓

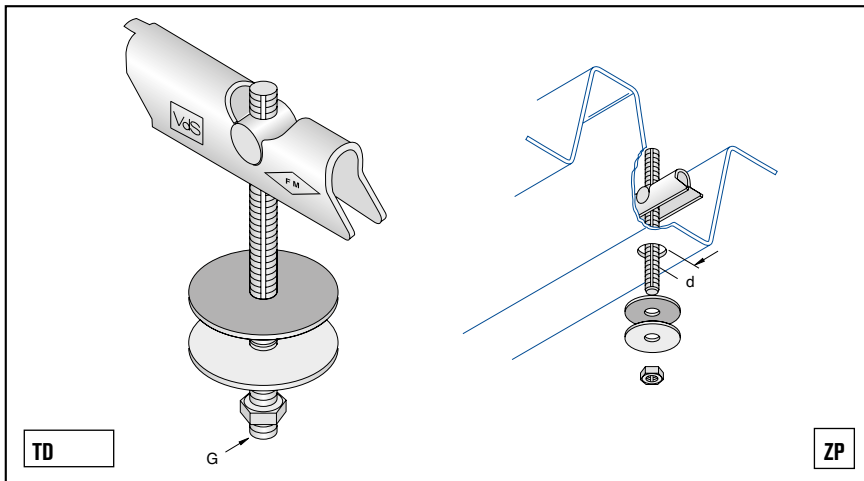


Part No.	Stock
HDP1834	✓

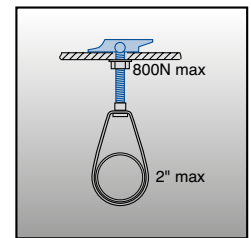
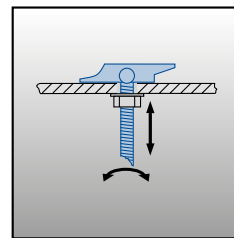
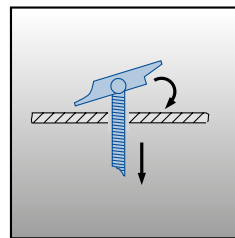
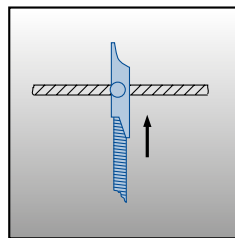
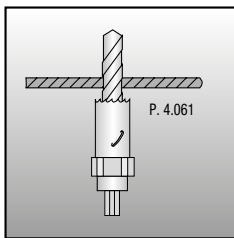


Part No.	Stock
HDP1834A	✓

Toggle Clamp for Hollow Ceilings

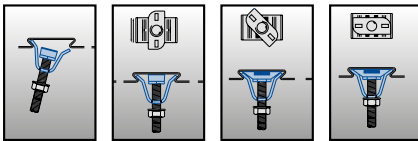
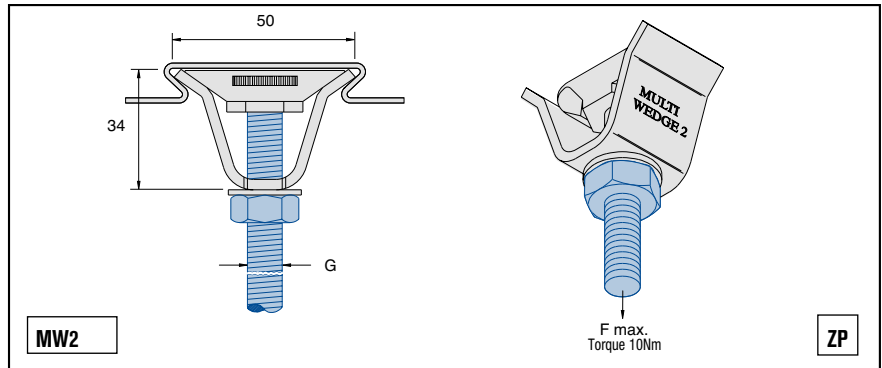
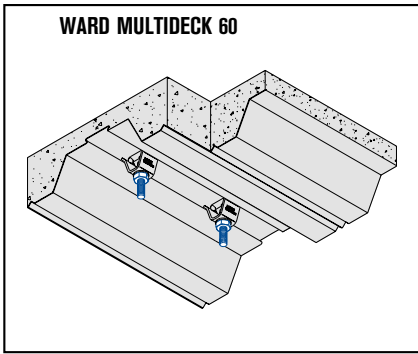


Finish	G	d			Approval	Stock
ZP	mm	mm				
TDM6x85	M6x85	15	0.05	100	-	
TDM8x100	M8x100	22	0.11	100	VdS	
TDM8x200	M8x200	22	0.14	100	VdS	
TDM8x300	M8x300	22	0.16	50	VdS	
TDM8x500	M8x500	22	0.24	50	VdS	
TDM10x100	M10x100	25	0.13	50	VdS	FM
TDM10x200	M10x200	25	0.18	50	VdS	FM

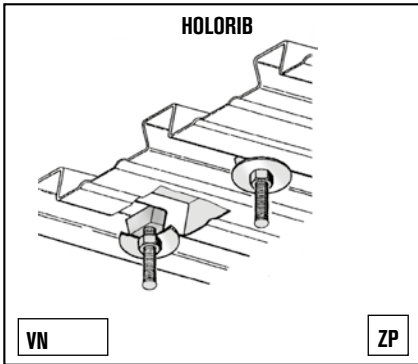


Unistrut

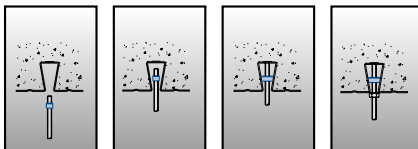
Deck and Purlin Fixings



Finish	G	Fmax kN		Stock
ZP				
MW06	M6	1.47	0.10	50
MW08	M8	1.47	0.10	50
MW10	M10	1.47	0.10	50



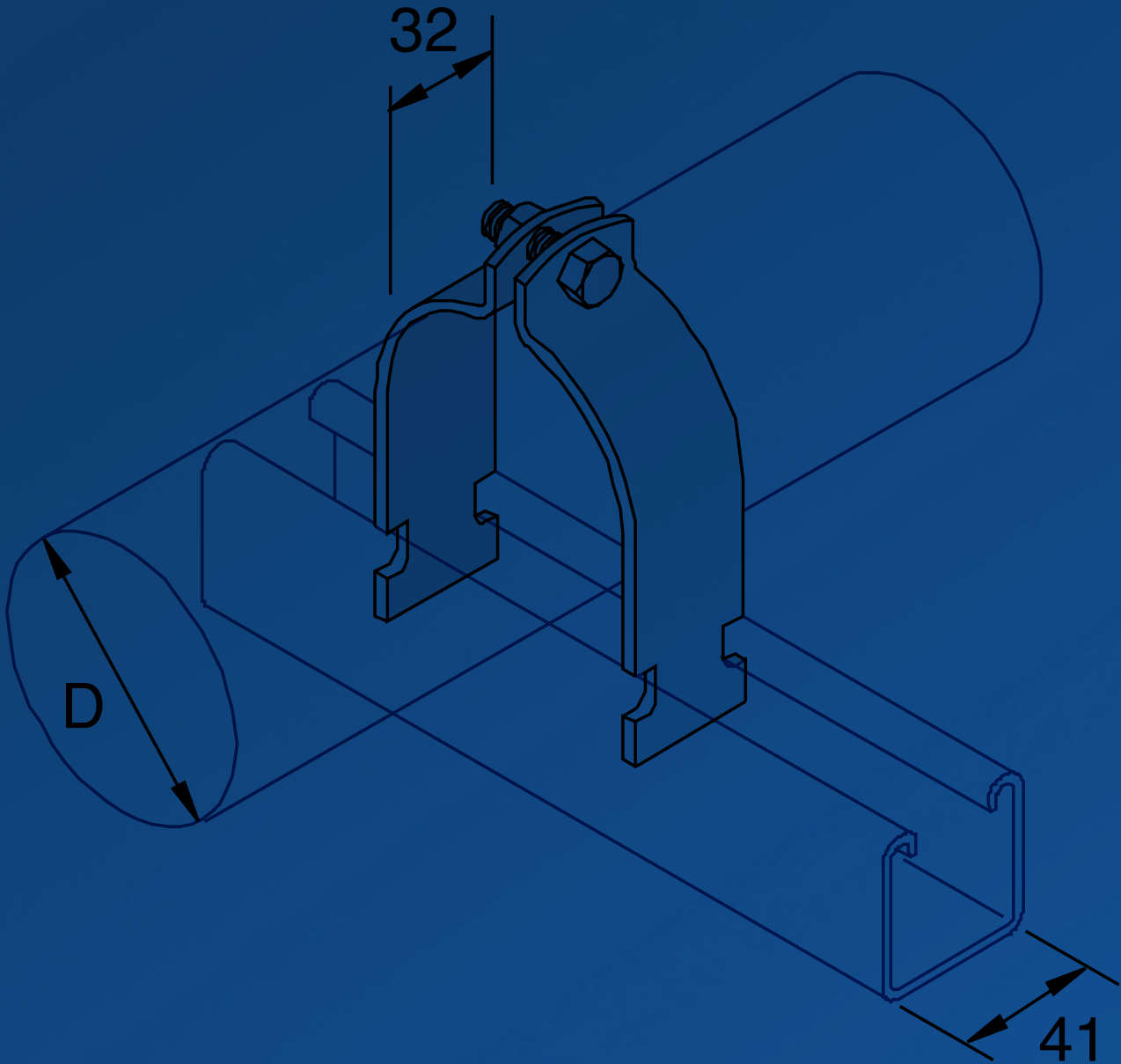
Finish	G	Fmax kN			Stock
ZP					
VN06	M6	1.8	0.02	500	
VN08	M8	2.0	0.02	500	
VN10	M10	2.1	0.02	500	



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

4. Pipe clamps

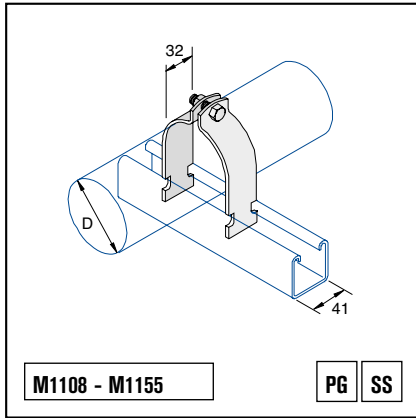
Original Unistrut® pipe clamps



VERGOKAN
UNISTRUT®

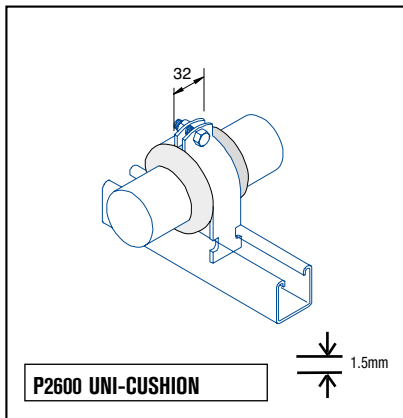
Pipe Clamps

Pipe Clamps for Unistrut Channels

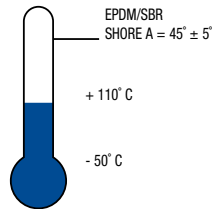


Finish			D mm	📦	📦	Stock		
PG	SS	HD				PG	SS	HD
M1108	IGM1108		8.7 - 10.3	35	150			
M1109	IGM1109		10.3 - 12.7	37	150			
M1110	IGM1110		11.9 - 13.5	38	150			
M1111	IGM1111		13.5 - 14.3	39	150			
M1112	IGM1112		14.3 - 16.7	40	150			
M1113	IGM1113		15.9 - 18.3	41	150	✓		
M1114	IGM1114		18.3 - 20.6	45	150			
M1115	IGM1115		19.0 - 21.4	47	150			
M1116	IGM1116		21.4 - 25.4	49	100	✓		
M1117	IGM1117		25.4 - 27.8	53	100	✓		
M1118	IGM1118		27.0 - 30.2	64	100	✓		
M1119	IGM1119		30.2 - 33.8	72	100	✓		
M1120	IGM1120		31.8 - 35.9	72	100	✓		
M1121	IGM1121		34.9 - 39.7	79	100	✓		
M1122	IGM1122		39.7 - 42.9	84	100	✓		
M1123	IGM1123		42.9 - 46.8	90	100			
M1124	IGM1124		46.8 - 50.8	128	50	✓		
M1125	IGM1125		48.4 - 52.4	131	50	✓		
M1126	IGM1126		52.4 - 58.7	137	50			
M1127	IGM1127	HDM1127	58.7 - 63.5	150	50	✓		
M1128	IGM1128		63.5 - 68.3	160	50			
M1129	IGM1129		68.3 - 73.0	164	50			
M1130	IGM1130		73.0 - 79.4	171	50	✓		
M1131	IGM1131		76.2 - 82.6	175	50			

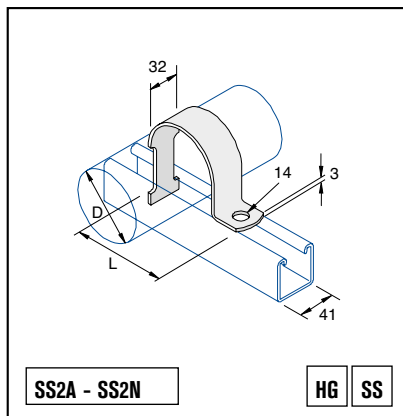
Finish			D mm	📦	📦	Stock		
PG	SS	HD				PG	SS	HD
M1132	IGM1132		82.6 - 88.1	35	150			
M1133	IGM1133	HDM1133	88.1 - 95.2	37	150	✓		
M1134	IGM1134		95.2 - 100.0	38	150			
M1135	IGM1135		100.0 - 106.4	39	150	✓		
M1136	IGM1136	HDM1136	106.4 - 111.1	40	150	✓		
M1137	IGM1137		111.1 - 120.7	41	150	✓		
M1138	IGM1138		120.7 - 129.4	45	150			
M1139	IGM1139		129.4 - 138.1	47	150	✓		
M1140	IGM1140		138.1 - 149.2	49	100	✓		
M1141	IGM1141	HDM1141	149.2 - 161.9	53	100	✓		
M1142	IGM1142		161.9 - 174.6	64	100	✓		
M1143	IGM1143		174.6 - 182.6	72	100	✓		
M1144	IGM1144		182.6 - 190.5	72	100	✓		
M1145	IGM1145		190.5 - 203.2	79	100			
M1146	IGM1146		203.2 - 212.7	84	100			
M1147	IGM1147	HDM1147	212.7 - 225.4	90	100			
M1148	IGM1148		225.4 - 238.1	128	50			
M1149	IGM1149	HDM1149	238.1 - 250.8	131	50			
M1150	IGM1150		250.8 - 263.5	137	50			
M1151	IGM1151		263.5 - 276.2	150	50			
M1152	IGM1152		276.2 - 288.9	160	50			
M1153	IGM1153		288.9 - 301.6	164	50			
M1154	IGM1154		301.6 - 314.3	171	50			
M1155	IGM1155	HDM1155	314.3 - 327.0	175	50			



Part No.	Size mm	T mm	L m	📦 kg	Stock
P2600	32	1.5	8	1.02	✓



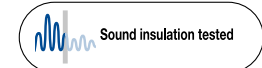
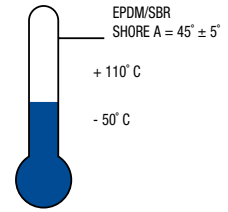
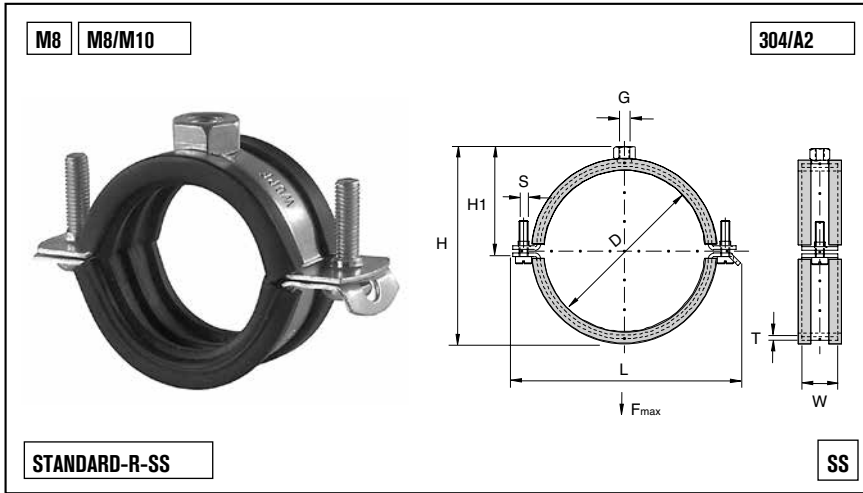
EPDM insulation for M11 and SS2 series clamps



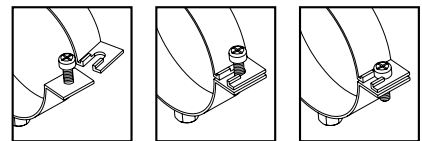
Finish		D mm	NB/DN	L mm	📦	📦	Stock
HG	SS						
HDSS2/A		15	21	66	0.06	75	
HDSS2/B		20	27	73	0.07	75	
HDSS2/C	I6SS2/C	25	34	81	0.09	75	
HDSS2/D		32	43	90	0.10	50	
HDSS2/E	I6SS2/E	40	48	96	0.12	75	
HDSS2/F	I6SS2/F	50	60	96	0.14	40	
HDSS2/G		65	76	113	0.17	25	
HDSS2/H		80	90	125	0.20	25	
HDSS2/J		90	102	137	0.22	10	
HDSS2/K		100	115	150	0.25	10	
HDSS2/M		150	168	204	0.36	10	
HDSS2/N		200	220	255	0.46	10	

Pipe Clamps

Sound Insulated Pipe Clip Type Standard with 2 Screws - Stainless Steel 304/A2

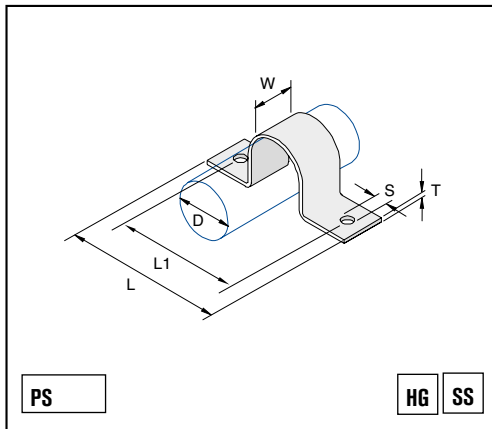


Sound insulation value on average 22 dB (A)



Finish	D	G	WxT	H	H1	L	S	Fmax			Stock
SS	"	mm	mm	mm	mm	mm	mm	N	kg /100	Box	
I6135.02.82	3/4"	27 - 30	M8 20 x 1.00	46	26	66	M5	600	5.0	100	
I6135.06.02	2"	59 - 62	M8 20 x 1.50	79	43	100	M5	1400	10.0	50	

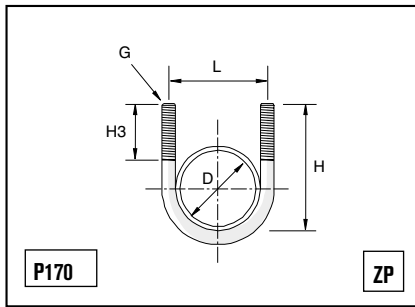
Industrial Pipe Clamps



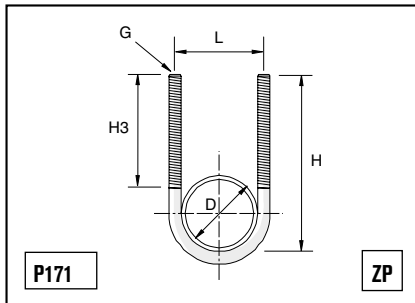
HG	SS	D	W x T	S	L	L1	Stock
Part No.	Part No.	" NB/DN	mm	mm	mm	mm	HG SS
HDPS0153	I6PS0154	1/2"	15 40x3	11	108	68	
HDPS0203	I6PS0204	3/4"	20 40X3	11	113	73	
HDPS0253	I6PS0254	1"	25 40X3	11	120	80	
HDPS0323	I6PS0324	1 1/4"	32 40X3	11	128	88	
HDPS0403	I6PS0404	1 1/2"	40 40X3	11	134	94	
HDPS0503	I6PS0504	2"	50 40X4	11	148	108	
HDPS0653	I6PS0654	2 1/2"	65 40X4	11	164	124	
HDPS0803	I6PS0804	3"	80 40X4	11	177	137	
HDPS1003	I6PS1004	4"	100 40X4	14	202	162	
HDPS1253	I6PS1254	5"	125 40X6	14	231	191	
HDPS1503	I6PS1504	6"	150 40X6	14	260	220	
HDPS2003	I6PS2004	8"	200 40X6	14	301	261	
HDPS2503	I6PS2504	10"	250 50X6	18	385	335	
HDPS3003	I6PS3004	12"	300 50X6	18	435	385	

Pipe clamps

U-bolts



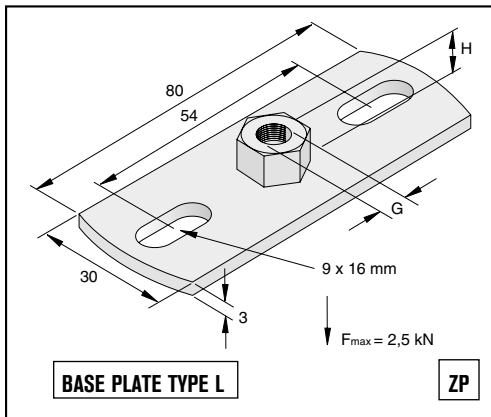
Finish ZP	G	DN	D		H3 mm	H mm	L mm		Stock
			"	mm					
170.0034.02	M6	25	1"	33.7	32	60	41	100	
170.0034.12	M8	25	1"	33.7	30	44	41	100	
170.0034.22	M10	25	1"	33.7	30	52	46	100	
170.0042.12	M8	32	1 1/4"	42.4	35	67	52	100	
170.0042.22	M10	32	1 1/4"	42.4	35	67	54	100	
170.0048.12	M8	40	1 1/2"	48.3	40	78	57	100	
170.0048.22	M10	40	1 1/2"	48.3	40	78	59	100	
170.0060.12	M8	50	2"	60.3	35	90	71	100	
170.0060.22	M10	50	2"	60.3	40	90	73	100	
170.0060.32	M12	50	2"	60.3	35	90	75	100	
170.0076.22	M10	65	2 1/2"	76.1	40	103	89	100	
170.0089.22	M10	80	3"	88.9	50	115	100	50	
170.0089.32	M12	80	3"	88.9	38	115	102	50	
170.0114.32	M12	100	4"	114.3	50	144	126	50	
170.0139.32	M12	125	5"	139.7	60	173	156	25	
170.0168.32	M12	150	6"	168.3	60	198	182	25	



Finish ZP	G	DN	D		H3 mm	H mm	L mm		Stock
			"	mm					
171.0034.02	M6	25	1"	33.7	70	111	41	100	
171.0042.12	M8	32	1 1/4"	42.4	90	122	52	100	
171.0048.12	M8	40	1 1/2"	48.3	90	127	57	100	
171.0048.22	M10	40	1 1/2"	48.3	90	127	59	100	
171.0060.12	M8	50	2"	60.3	90	140	71	100	
171.0060.22	M10	50	2"	60.3	90	140	73	100	
171.0076.22	M10	65	2 1/2"	76.1	90	152	89	100	
171.0089.22	M10	80	3"	88.9	90	168	100	50	
171.0114.22	M10	100	4"	114.3	90	193	124	50	
171.0168.32	M12	150	6"	168.3	90	240	182	25	
171.0273.32	M12	250	10"	273.0	100	363	290	1	

Pipe Clamps

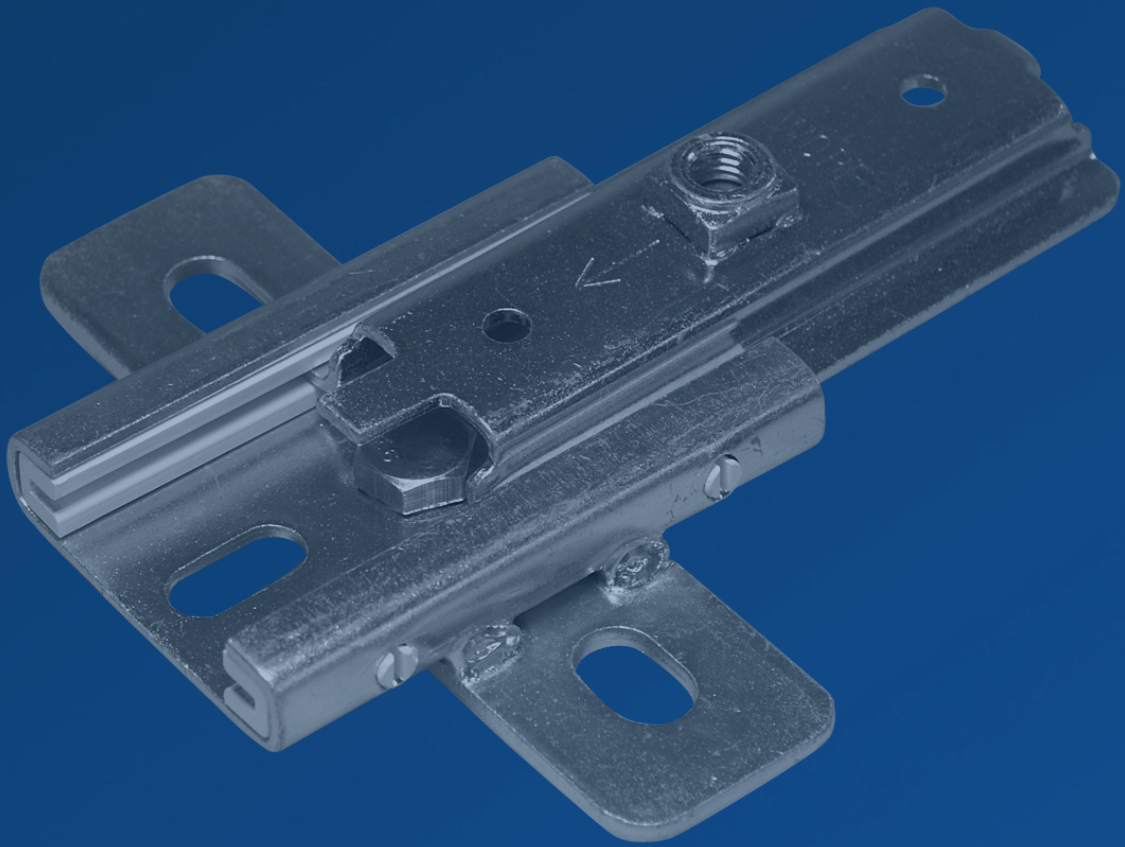
Base Plates with Thread Connector



Finish ZP	G	H mm			Stock
146.00.81	M8	11	0.06	100	
146.01.01	M10	11	0.06	100	
146.01.21	M12	13	0.06	100	

5. Fixpoints

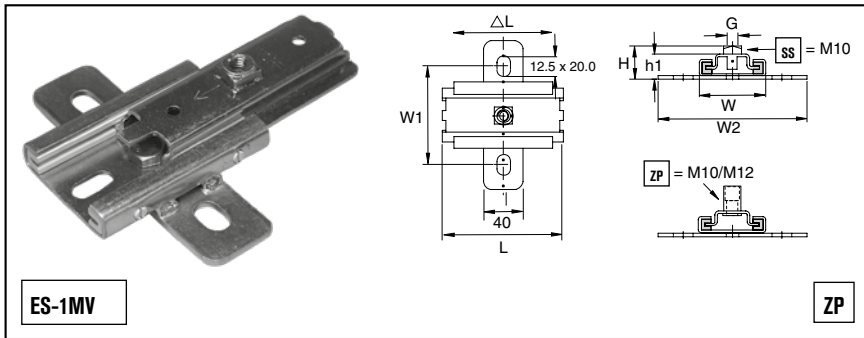
Original Unistrut® fixpoints



VERGOKAN
UNISTRUT®

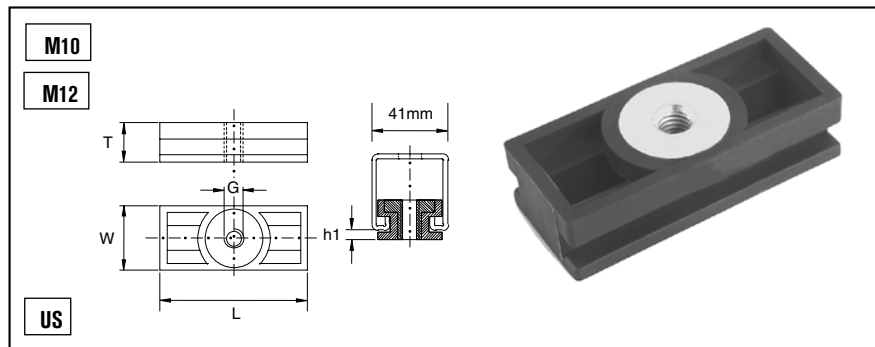
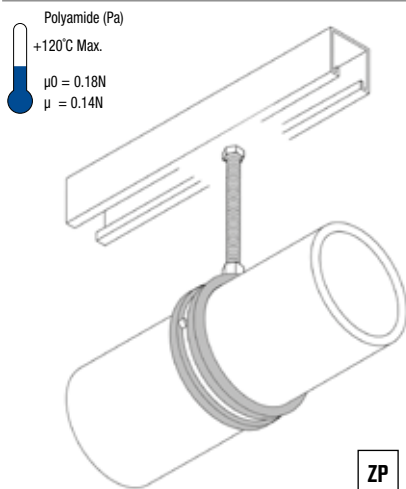
Fix points

Slide Guide Type M for Unistrut Channels



Finish	G	ΔL	L	W	W1	W2	H	h1	Fmax			Stock
ZP	mm	mm	mm	mm	mm	mm	mm	mm	N	kg		
124.12.95	M10/M12	80	122	67	100	150	46	26	2300	0.60	10	

Polyamide Slideback for Unistrut Channels



Part No.	G	T	W	h1	L	Fmax			Stock
ZP	mm	mm	mm	mm	mm	N	kg/100		
124.10.76	M10	21	35	4	80	3000	6.8	10	

VERGOKAN UNISTRUT®

Vergokan nv

Meersbloem-Melden 16
9700 Oudenaarde
Belgium
T: +32 55 31 83 35
VergokanSales@atkore.com
VergokanExport@atkore.com
www.vergokan.com



RACEWAY. YOUR WAY.™

A PART OF **atkore**
INTERNATIONAL