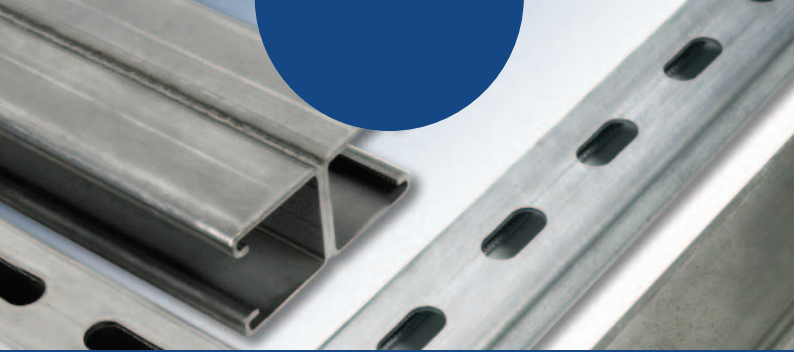




UNISTRUT[®]

POCKET GUIDE



A PART OF

A
atkore
INTERNATIONAL



Unistrut: More than you imagine

Unistrut has been the leading supplier of metal framing systems for 90 years. We specialise in Channel Framing, Cable Management and Prefabricated Framing, and our products and services are synonymous with engineering excellence and reliability worldwide.

Ninety years of innovation

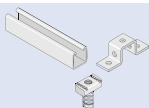
Unistrut began developing and manufacturing products during the 1920s, producing the original Unistrut metal framing system. Our extensive product portfolio now includes a variety of cable management solutions and advanced metal framing systems.

Sharing our experience, knowledge and expertise

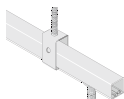
We continue to make investments in our people, products and services. Our ability to share our experience and knowledge with our customers is the key to our success in a wide range of industry sectors.

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.



Support Systems 4 - 31



Lighting Supports 32 - 34



Fixings 35 - 46



Kwikstrut 47 - 56



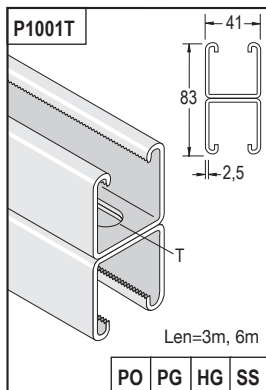
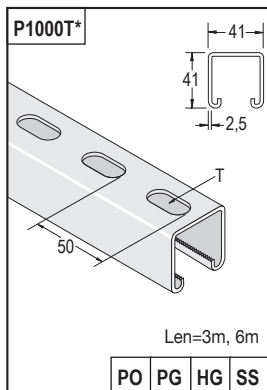
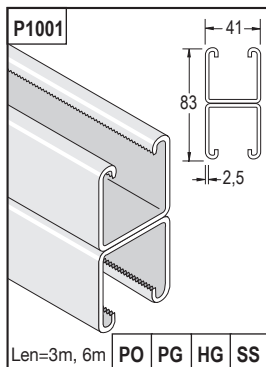
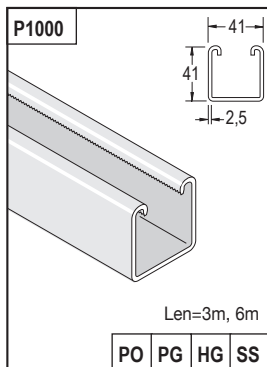
Pipe Clips 57 - 71

Materials & Finishes 72

PO	Plain Oiled
PG	Pre Galvanised
HG	Hot Dip Galvanised
SS	Stainless Steel
ZP	Zinc Plated

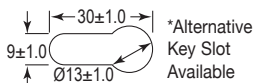


Part Number Index 74 - 75

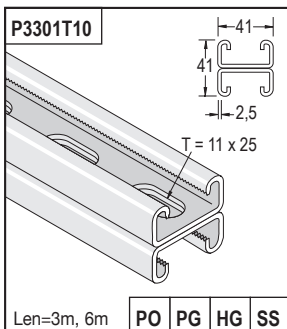
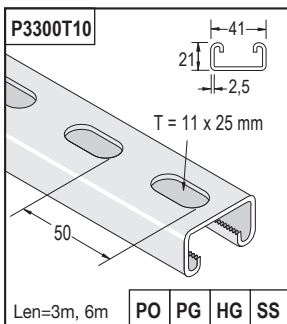
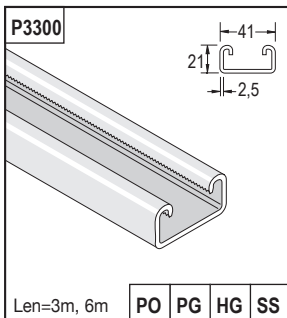


Part No.	Slot Size (T)	
	25x11	28x14
P1000T		•
P1000T10	•	

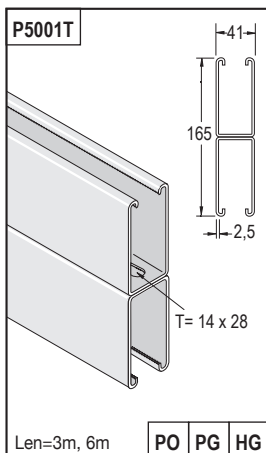
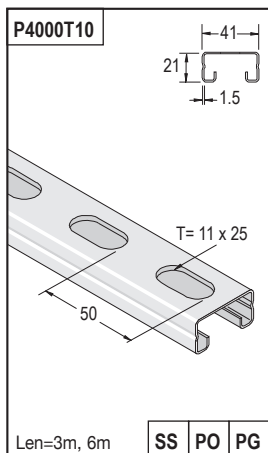
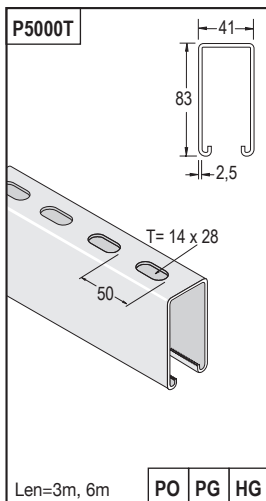
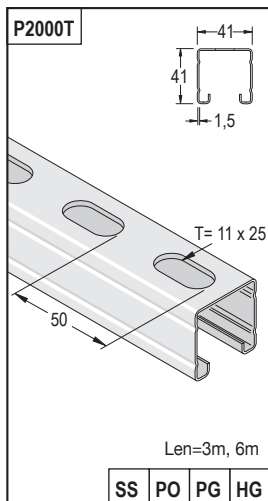
Part No.	Slot Size (T)	
	25x11	28x14
P1001T		•
P1001T10	•	

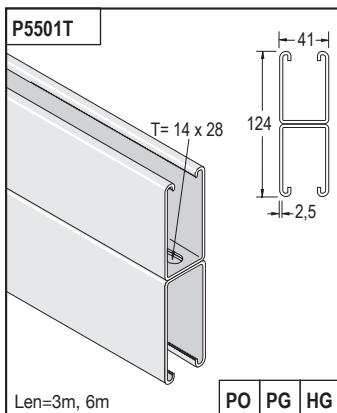
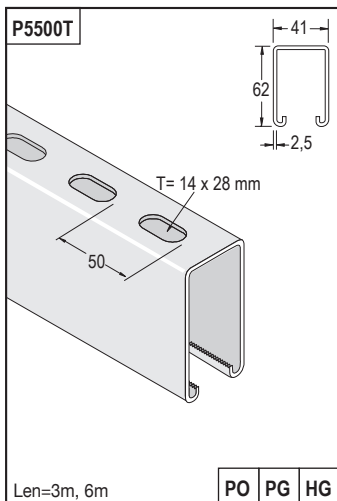


PO, HG - Continuously Seam Welded
PG, SS - Spot Welded



PO, HG - Continuously Seam Welded
PG, SS - Spot Welded

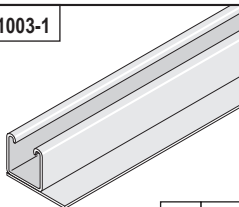




PO, HG - Continuously Seam Welded
PG, SS - Spot Welded



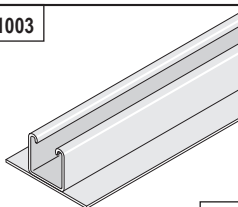
P1003-1



L=3m

PG HG

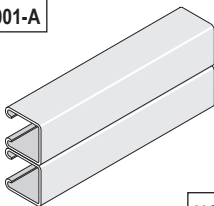
P1003



L=3m

HG

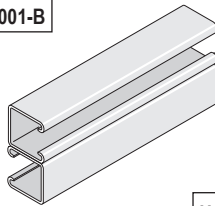
P1001-A



L=6m

HG

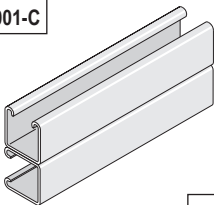
P1001-B



L=6m

HG

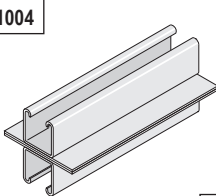
P1001-C



L=6m

HG

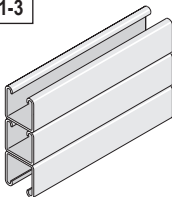
P1004



L=6m

HG

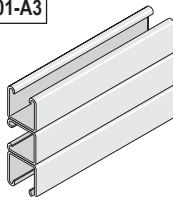
P1001-3



L=6m

HG

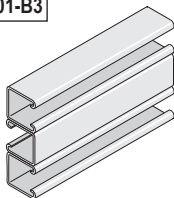
P1001-A3



L=6m

HG

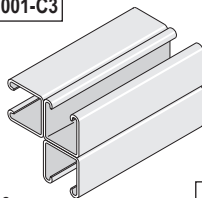
P1001-B3



L=6m

HG

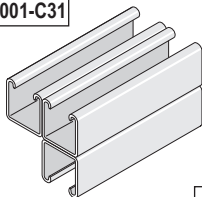
P1001-C3



L=6m

HG

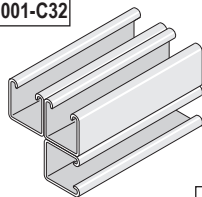
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L=6m

HG

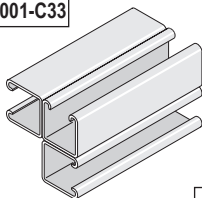
P1001-C32



L=6m

HG

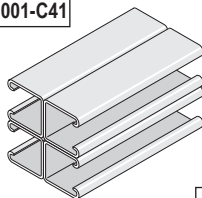
P1001-C33



L=6m

HG

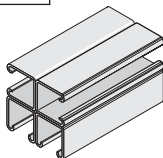
P1001-C41



L=6m

HG

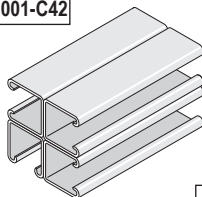
P1001-C43



L=6m

HG

P1001-C42



L=6m

HG

UNISTRUT[®]

SPECIALS SERVICE

***Specialists in cut lengths for Unistrut
Channel & Threaded Rod!***

***We provide a unique
service that targets special
fabrication and presswork
supports, manufactured
to your requirements
and delivered to site in
exceptional lead times***

***Send your drawings or
enquiries to us and we will
resolve your issues,
using our technical
manufacturing experience.***

***Ordering, production
and dispatch are all dealt
with under one roof, with
unparalleled value and
service***

***Also any Unistrut product
can be adapted to your
specific needs. No quantity
is too large and we are
always happy to help..***

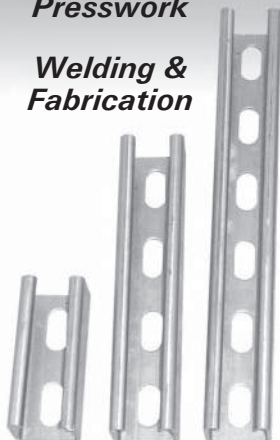
Bracketry

Pipe Hangers

Supports

Presswork

***Welding &
Fabrication***



Unistrut®

DESIGN SOFTWARE

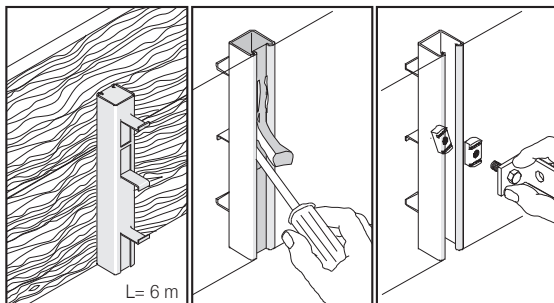
Your Quick, Easy Way to Support Solutions



UNISTRUT Analysis Software

A user friendly, two dimensional calculation program to analyze UNISTRUT channel sections, utilized as beams and cantilevers.

The program provides instantaneous results of geometries containing multiple spans with single or multiple load conditions.

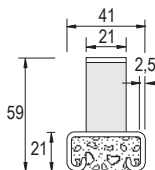
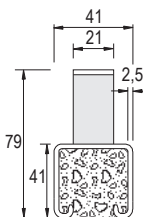
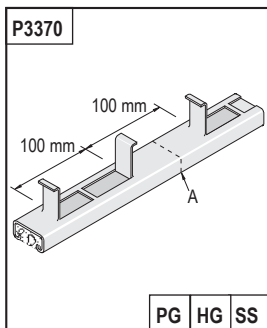
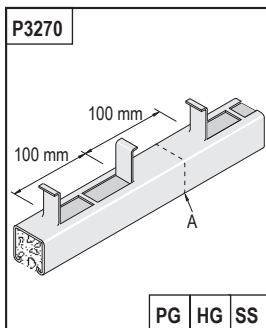


Concrete Inserts

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 polyester 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.

P3370 inserts are designed to accommodate M6, M8, M10 & M12 fixings.

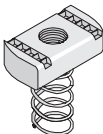
Cutting positions are located between lugs as indicated (A) in increments of 200mm

Part No.	Length
P3270	3m & 6m

Part No.	Length
P3370	3m & 6m

PNL06-PNL12A

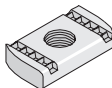
Suitable for P1000, P2000 & P3270



ZP HG SS

PNP06-PNP12A

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



ZP HG SS

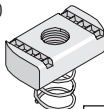
Part No.	SS	Thread Size
PNL06	•	M6
PNL08	•	M8
PNL10	•	M10
PNL12	•	M12
PNL12A	•	M12

Part No.	SS	Thread Size
PNP06	•	M6
PNP08	•	M8
PNP10	•	M10
PNP12*	•	M12
PNP12A	•	M12

* PNP12 is not suitable for P3300, P4000 & P3370

PNS06-PNS12A

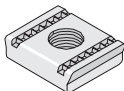
Suitable for P3300, P4000 & P3370



ZP HG SS

PNP16

Suitable for P1000, P5000, P5500 & P3270



ZP

Part No.	Thread Size
PNS06	M6
PNS08	M8
PNS10	M10
PNS12A	M12



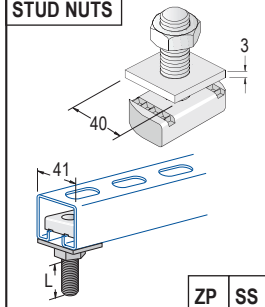
Plastic Shroud

See page xx for our Kwikstrut range

CHANNEL NUT APPLICATION

	Part No. ZP	T (Nm)
P1000 41 x 41	PNP06	12
	PNP08	28
	PNP10	55
	PNP12	95
	PNP16	125
P3300 41 x 21	PNP06	12
	PNP08	28
	PNP10	55
	PNP12A	60
	PNP16	125
P4000 41 x 21	PNP06	12
	PNP08	28
	PNP10	40
	PNP12A	40
	PNP16	125

STUD NUTS

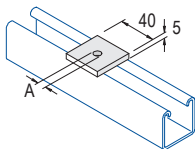


	Part No. SS	T (Nm)
P1000 41 x 41	PNP06	6.5
	PNP08	16
	PNP10	31.5
	PNP12A	55
	PNP16	125
P3300 41 x 21	PNP06	6.5
	PNP08	16
	PNP10	31.5
	PNP12A	55
	PNP16	125

Part No.	ZP Fin.	SS Fin.	L mm
M6X30SN	•		18.5
M8X30SN	•		15.5
M8X40SN	•	•	25.5
M8X50SN	•		35.5
M8X60SN	•		45.5
M8X75SN	•		60.5
M8X100SN	•		85.5
M10X30SN	•		13
M10X40SN	•	•	23
M10X50SN	•		33
M10X60SN	•		43
M10X75SN	•		68
M10X100SN	•		83
M12X30SN	•		11
M12X40SN	•	•	21
M12X50SN	•		31
M12X60SN	•		41
M12X75SN	•		56
M12X100SN	•		81
M16X63SN*	•		40
M16X102SN*	•		79

* Hot Forged

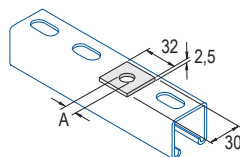
P1019 / P1020



HG SS

Part No.	A (mm)	Ø
P1019	9	M6/M8
P1020	13	M10/M12

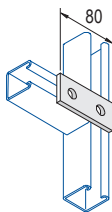
P1063/06 - P1063/12



PG SS

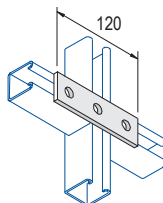
Part No.	A (mm)	Ø
P1063/06	8	M6
P1063/08	10	M8
P1063/10	12	M10
P1063/12	14	M12

P1065



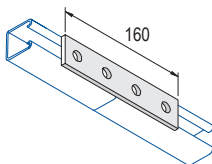
HG SS

P1066



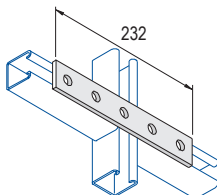
HG SS

P1067



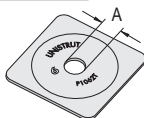
HG SS

P1941



HG SS

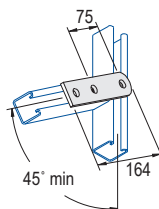
P1062T/P1064T



PG

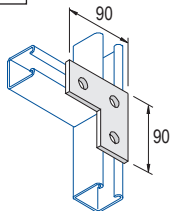
Part No.	A (mm)	Ø
P1062T	8	M6
P1062AT	10	M8
P1063T	12	M10
P1064T	14	M12

P2322



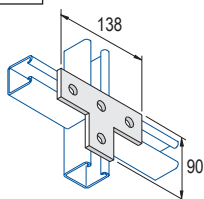
HG

P1036

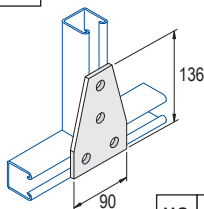
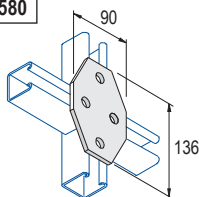
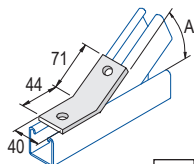
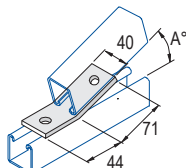


HG SS

P1031

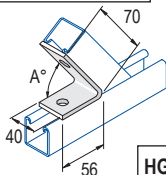
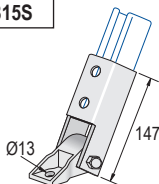


HG SS

P1358

HG SS
P1580

HG SS
P1546, P2095 & P2097

HG SS
P2101 & P2103

HG

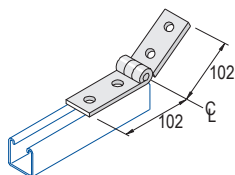
Part No.	A°
P1546	45°
P2097	60°
P2095	75°

Part No.	A°
P2101	30°
P2103	15°

P1186, P2106 & P2108

HG SS
P2815S

ZP

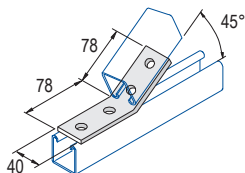
Part No.	A°
P1186	45°
P2106	75°
P2108	60°

P1354



ZP

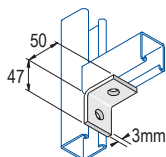
P1074



HG

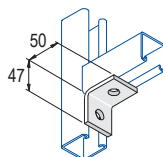
SS

P1026-S1



ZP

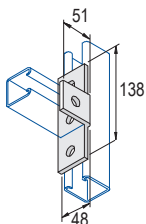
P1026



HG

SS

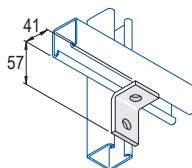
P1033



HG

SS

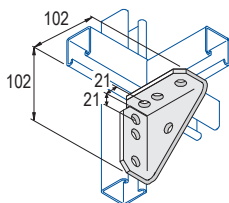
P1068



HG

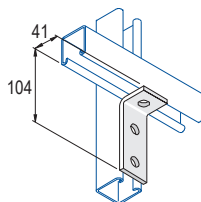
SS

P2484



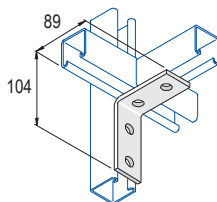
HG SS

P1326



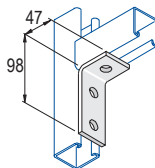
HG SS

P1325



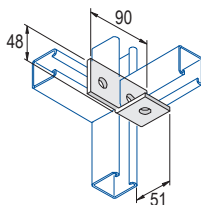
HG SS

P1346



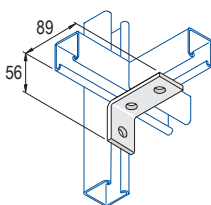
HG SS

P1037



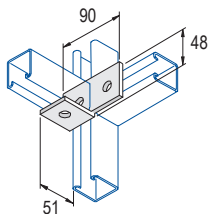
HG SS

P1458



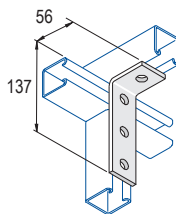
HG SS

P1038



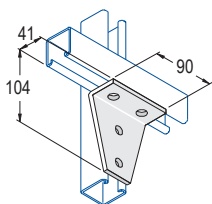
HG SS

P1278



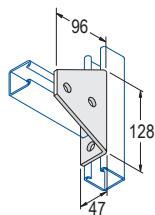
HG SS

P1359



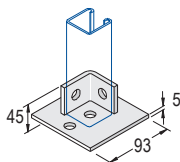
HG SS

P1727



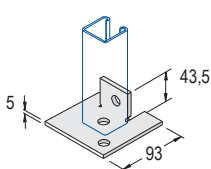
HG SS

P2072-S1



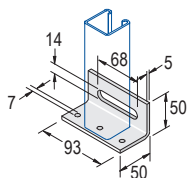
HG SS

P2072-S2



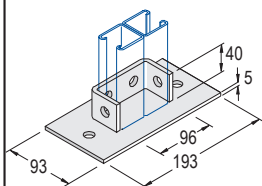
HG SS

P2072-S3



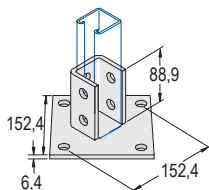
HG

P2073



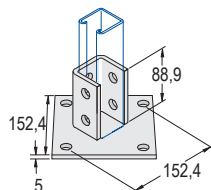
HG SS

P2072A



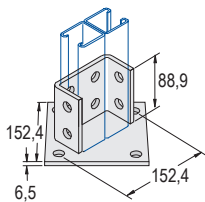
HG SS

P2072ALD



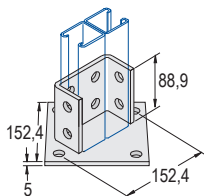
HG SS

P2073A



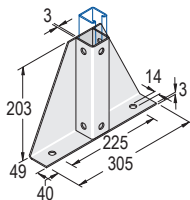
HG SS

P2073ALD



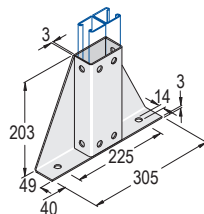
HG SS

P2348-S1



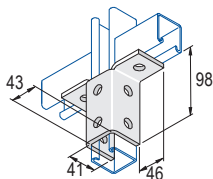
HG SS

P2348-S2



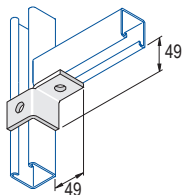
HG SS

P2346



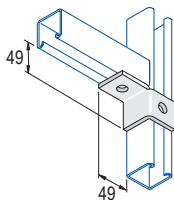
HG SS

P2341R



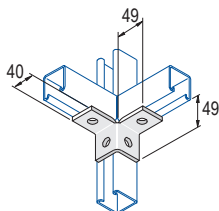
HG SS

P2341 L



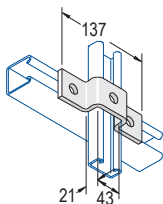
SS HG

P2223



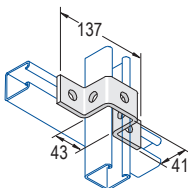
HG SS

P4047



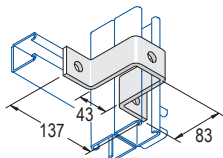
HG SS

P1047



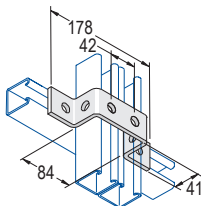
HG SS

P1737



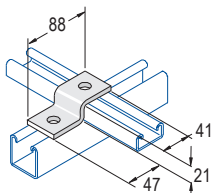
HG SS

P1043



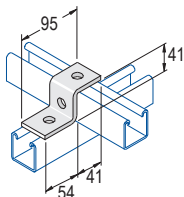
HG SS

P4045



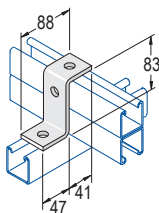
HG SS

P1045



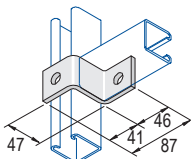
HG SS

P1453



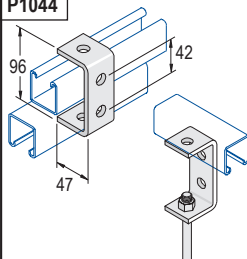
HG SS

P1347



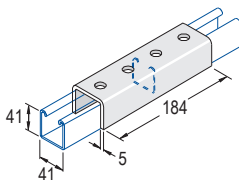
HG SS

P1044



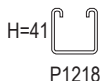
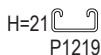
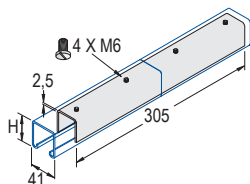
HG SS

P1377



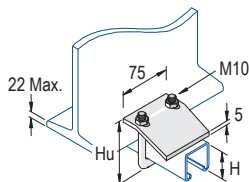
HG SS

P1218



PG SS

P2785 - P2787



Used in pairs.

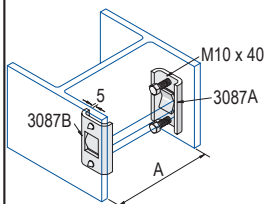
HG SS

Mild steel "U" bolts are zinc plated.

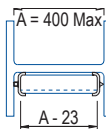
Part No.	SS	H (mm)	Hu (mm)
P2785	•	21-41	86
P2786	•	62-83	127
P2787		124-164	209

P3087

P3087=
P3087A + P3087B

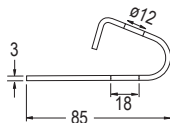
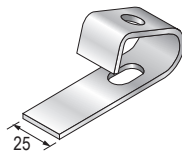


HG SS



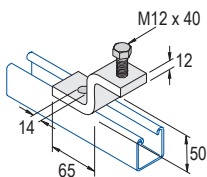
Apply load in one direction only.
Mild steel cone pointed screws are zinc plated.

Z10



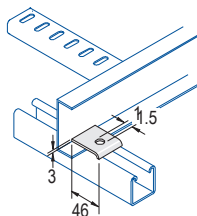
PG

P1983



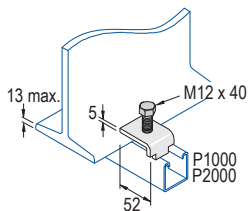
HG SS

P1386-S1



ZP

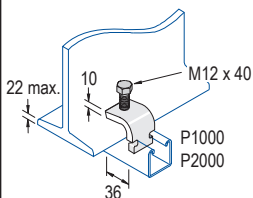
P1386



Used in pairs.

HG SS

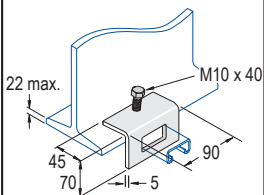
P2489



Used in pairs.

HG

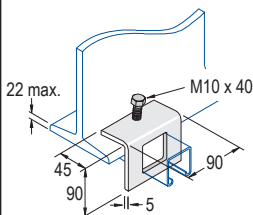
P1796-A



Used in pairs.

HG SS

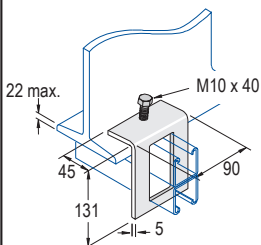
P1796



Used in pairs.

HG SS

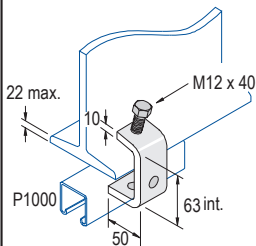
P1796-B



Used in pairs.

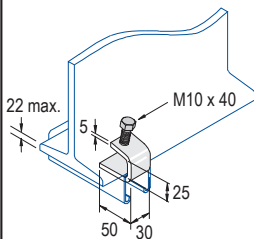
HG SS

P1271

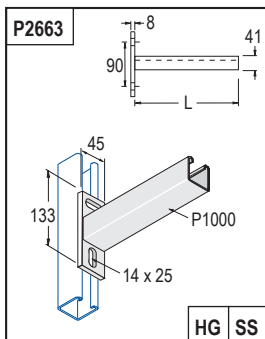


HG SS

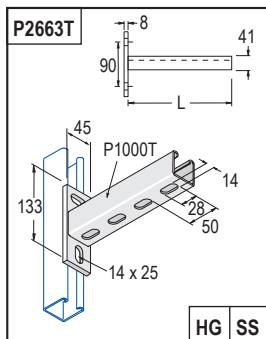
P1272



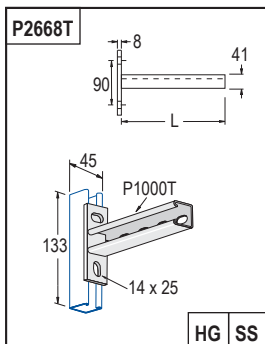
HG SS



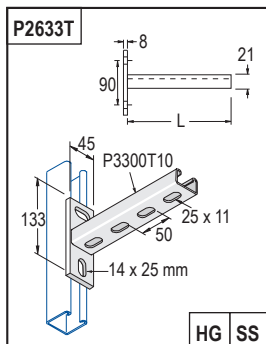
Part No.	L (mm)
P2663/150	150
P2663/300	300
P2663/450	450
P2663/600	600
P2663/750	750



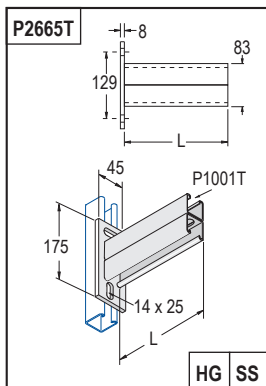
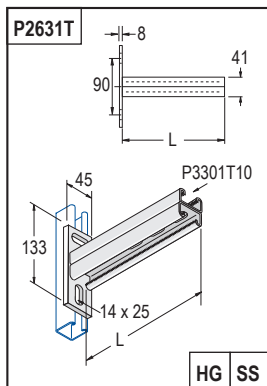
Part No.	L (mm)
P2663T/150	150
P2663T/300	300
P2663T/450	450
P2663T/600	600
P2663T/750	750



Part No.	L (mm)
P2668T/150	150
P2668T/300	300
P2668T/450	450
P2668T/600	600

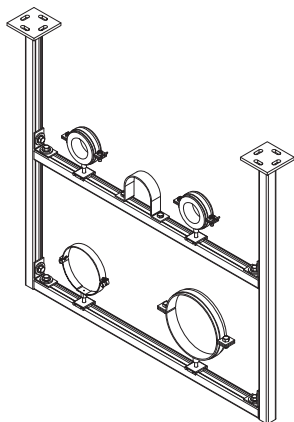


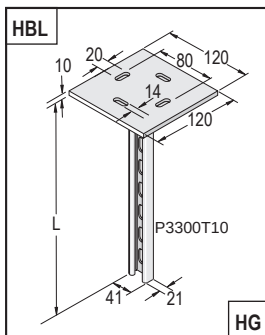
Part No.	L (mm)
P2633T/150	150
P2633T/300	300
P2633T/450	450



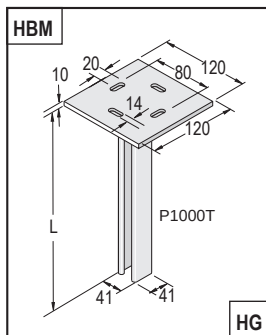
Part No.	L (mm)
P2631T/150	150
P2631T/300	300
P2631T/450	450
P2631T/600	600
P2631T/750	750

Part No.	L (mm)
P2665T/150	150
P2665T/300	300
P2665T/450	450
P2665T/600	600
P2665T/750	750

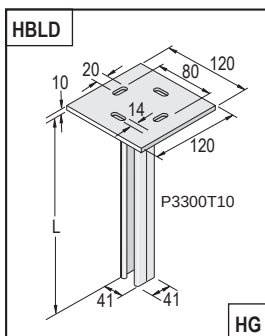




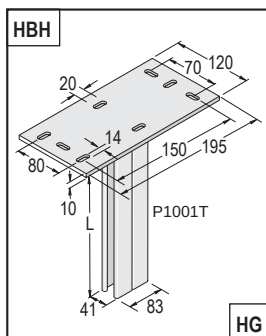
Part No.	L (mm)
HBL/500	525
HBL/750	775
HBL/1000	1025
HBL/1250	1275



Part No.	L (mm)
HBM/500	525
HBM/750	775
HBM/1000	1025
HBM/1250	1275

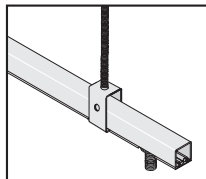


Part No.	L (mm)
HBLD/500	525
HBLD/750	775
HBLD/1000	1025
HBLD/1250	1275
HBLD/1500	1525
HBLD/2000	2025

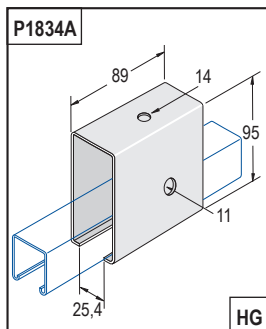
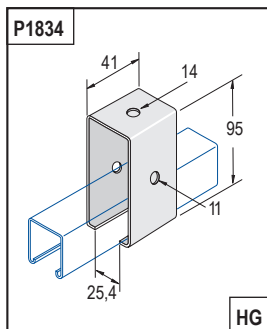
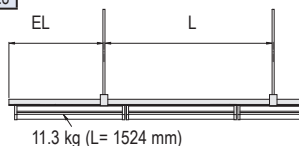


Part No.	L (mm)
HBH/500	525
HBH/750	775
HBH/1000	1025
HBH/1250	1275
HBH/1500	1525
HBH/2000	2025

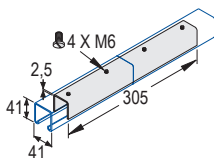
	L (m)	f (mm)	EL (m)
P4000	2.5	8.8	0.6 - 0.8
P3300	2.5	7.1	0.6 - 0.8
P1000	2.5	1.3	0.6 - 0.8
P3301	3	3.6	0.8 - 1.0
P1000	3	2.5	0.8 - 1.0
P3301	3.5	7.0	0.9 - 1.2
P1000	3.5	4.9	0.9 - 1.2
P3301	4	12.3	1.0 - 1.4
P1000	4	8.6	1.0 - 1.4
P1001	4	2.3	1.0 - 1.4
P1000	4.5	13.3	1.2 - 1.5
P1001	4.5	3.5	1.2 - 1.5
P1001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



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



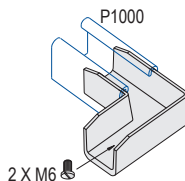
P1218



PG SS

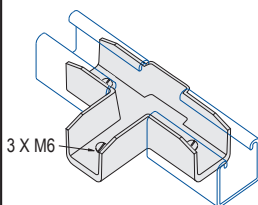
P2902

Aluminium



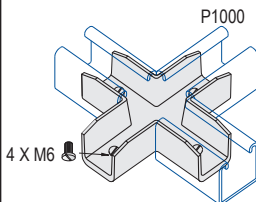
P2901

Aluminium



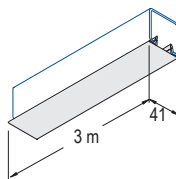
P2903

Aluminium



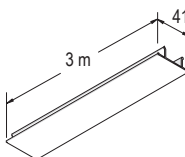
P1184-F

Steel



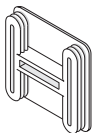
PG

P1184-P



PVC:
PW - White
PB - Black

P1 PVC END CAP



P3 END CAP

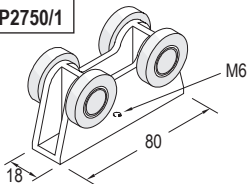
PVC



Part No.	Color	□
139 41 98	Blue	41x41
139 41 96	White	
139 41 97	Black	

Part No.	Color	□
139 21 98	Blue	41x21
139 21 96	White	
139 21 97	Black	

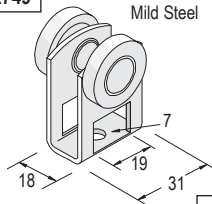
P2750/1



Roller Material
Acetal Based Plastic Natural

P2749

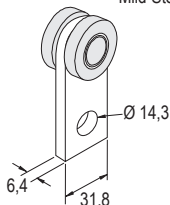
Roller Material
Mild Steel



ZP

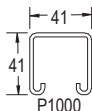
P2949

Roller Material
Mild Steel



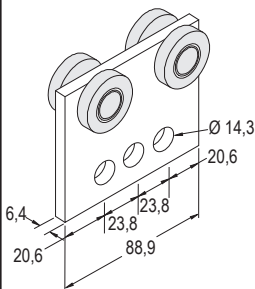
ZP

All of the trolleys shown here are used with P1000



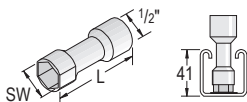
P2950

Roller Material
Mild Steel



ZP

CHANNEL SOCKET



Part No.

Size

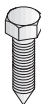
17AF

M10

19AF

M12

CONE-POINTED SCREW



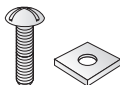
ZP

Part No.

M10x40CP

M12x40CP

ROOFING NUT & BOLT



ZP

Part No.

L (mm)

M6x12RB

12

M6x16RB

16

M6x20RB

20

M6x25RB

25

M6x30RB

30

M6x40RB

40

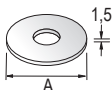
M6x50RB

50

M6x60RB

60

PENNY WASHER



ZP

Part No.

Size

A

M6x25PW

M6

25

M6x32PW

M6

32

M8x25PW

M8

25

M8x32PW

M8

32

M10x25PW

M10

25

M10x32PW

M10

32

LOCK WASHER



ZP

SS

HG

Part No.

Size

M6LW

M6

M8LW

M8

M10LW

M10

M12LW

M12

M16LW

M16

HEX HEAD SCREW



ZP HG SS

DIN Part	Finish	Thread	Length
933	3=HG	M6=6	12
	4=SS	M8=8	16
	5=ZP	M10=10	25
		M12=12	30
		M16=16	35
			40
			50
			60

Part Number = [DIN part] [Finish No.] [Thread] x [Length]

Example: 93336x20 = Hex Screw, HG Finish, M6 Thread, 20mm long

HEX NUT



ZP HG SS

DIN Part	Finish	Thread
934	3=HG	M6=6
	4=SS	M8=8
	5=ZP	M10=10
		M12=12
		M16=16

Part Number =
[DIN part] [Finish No.] [Thread]

Example: 93436 =
Hex Nut, HG Finish, M6 Thread

FLAT WASHER



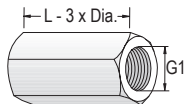
ZP HG SS

DIN Part	Finish	Thread
125	3=HG	M6=6
	4=SS	M8=8
	5=ZP	M10=10
		M12=12
		M16=16

Part Number =
[DIN part] [Finish No.] [Thread]

Example: 1253M6 =
Flat Washer, HG Finish,
M6 Thread

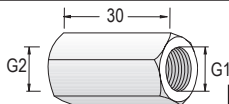
ROD CONNECTOR



ZP SS*

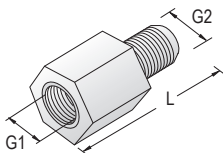
Part No.	G	SW(mm)	L (mm)
6334M6*	M6	10	18
6334M8*	M8	13	24
6334M10*	M10	17	30
6334M12*	M12	19	36
6334M16*	M16	24	48
SP3838	3/8"	19	35
SP1212	1/2"	27	35

REDUCING ROD CONNECTOR



ZP

Part No.	G1	G2	SW (mm)
SPM8M10	M8	M10	13
SPM10M12	M10	M12	17

ADAPTER

ZP

Part No.	G1	G2	SW (mm)	L (mm)
310810	M8	M10	13	21
310812	M8	M12	13	23
311008	M10	M8	13	23
311012	M10	M12	13	23
311016	M10	M16	19	32
311208	M12	M8	17	23
311210	M12	M10	17	25
311216	M12	M16	19	32
311610	M16	M10	24	32
311612	M16	M12	24	32
1482210	1/2"	M10	24	30
1482212	1/2"	M12	24	30
1482216	1/2"	M16	30	35

STUDDING

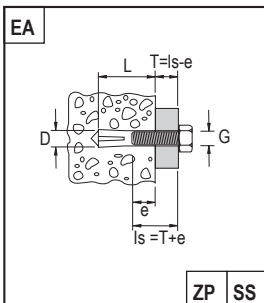
Grade 4.6


ZP HG SS

L=1, 2 & 3 m [ZP,SS]

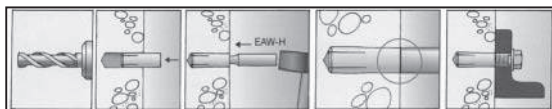
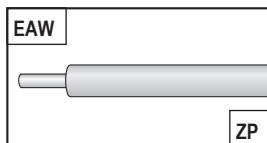
L=1 m [HG]

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



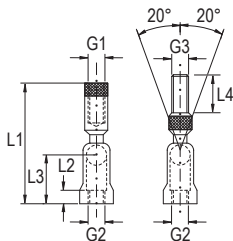
Part No.	Part No.
EAWH6	EAM6
EAWH8	EAM8
EAWH8x40	EAM8x40
EAWH10	EAM10
EAWH12	EAM12
EAWH16	EAM16
EAWH20	EAM20

VdS

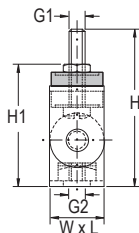


Part No.	Class	D	L		G	e (mm)		Approval:
ZP Finish		mm	mm	ø mm		min	max	
EAM6	-	8	25	8	M6	6	11	
EAM8	1.8kN*	10	30	10	M8	8	13	VdS
EAM8x40	3kN*	10	40	10	M8	8	13	VdS
EAM10	3.6kN*	12	40	12	M10	10	17	VdS
EAM12	5.7kN*	15	50	15	M12	12	18	VdS
EAM16	7.4kN*	20	65	20	M16	16	21	VdS
EAM20	11.3kN*	25	80	25	M20	20	30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

Part No.	Class	D	L		G	e (mm)		Approval:
SS Finish		mm	mm	ø mm		min	max	
GAM6SS	-	8	25	8	M6	6	11	
GAM8SS	-	10	30	10	M8	8	13	
GAM10SS	3.0kN*	12	40	12	M10	10	17	VdS
GAM12SS	3.6kN*	15	50	15	M12	12	18	
GAM16SS	5.7kN*	20	65	20	M16	16	21	

RS

ZP

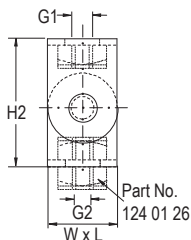
Part No.	G1	G2	G3	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)
124 08 03		M8	M8	74	8	30	15
124 10 03		M10	M10	74	8	30	15
124 12 94	M12	M12		96	15	53	
66 42 008		M8	M8	49	10	20	15
66 42 010		M10	M10	49	13	23	15

GHMR

ZP


Sound insulation value
on average 22 dB (A)

Part No.	G1	G2	H2 (mm)	W x L (mm)	H1 (mm)	H (mm)
124 08 86	M8	M8	45	36 x 25	60	70
124 81 06	M8	M10	45	36 x 25	60	70

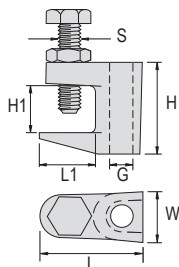
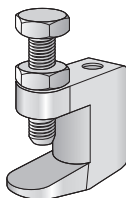
GHML



ZP

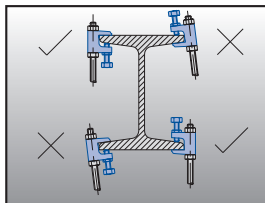
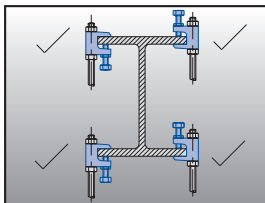
Part No.	G1	G2	H2 (mm)	W x L (mm)
124 00 86	M8	M8	45	36 x 25
124 01 06	M10	M10	45	36 x 25
124 01 26	M12	M12	64	36 x 25

UBC



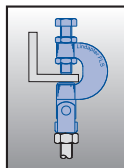
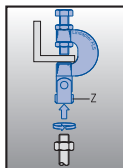
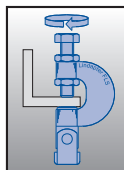
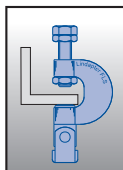
ZP

Part No.	T1 Nm	T2 Nm	L mm	H mm	W mm	H1 mm	L1 mm	G mm	S mm
FL18D	8	11	36	35	19	17	20	9	8
FL18T	8	11	36	35	19	17	20	M8	8
FL210D	8	22	45	40	22	19	22	11	10
FL210T	8	22	45	40	22	19	22	M10	10
F312D	8	22	50	46	25	23	28	13	10
F312T	8	22	50	46	25	23	28	M12	10



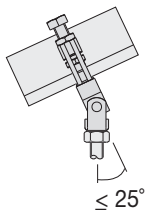
✓ = good

✗ = wrong

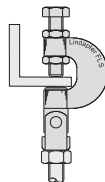


Part No.	G	H2 (mm)	L (mm)	H (mm)	H1 (mm)	L1 (mm)	Approval:
FLS08	M8	55	53	58	17	27	VdS
FLS10	M10	55	53	58	17	27	VdS

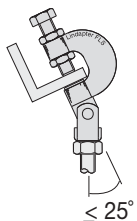
VdS



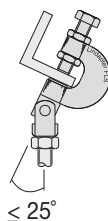
VdS



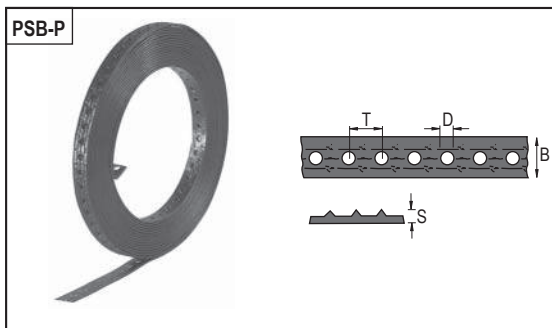
VdS



VdS

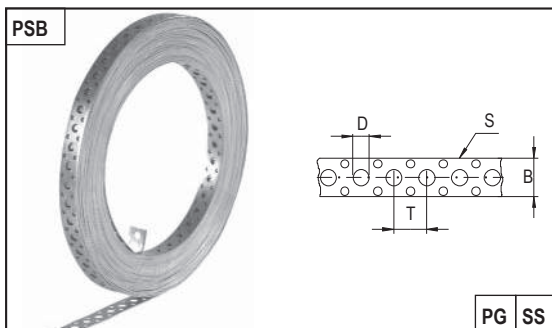


Perforated Steel Band, Plastic Coated



Part No.	B (mm)	D (mm)	T (mm)	S (mm)
154 19 02	19	6.2	15	2.2
154 27 02	27	8.2	25	3.0

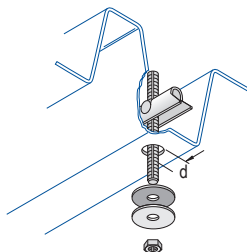
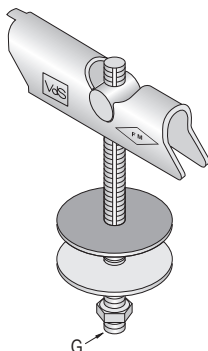
Perforated Steel Band



Part No.	B (mm)	D (mm)	T (mm)	S (mm)	m/ 
155 17 02	17	6.5	15	0.8	25
155 25 02	25	8.5	25	1.0	10
135 17 02	17	6.5	15	0.8	10

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

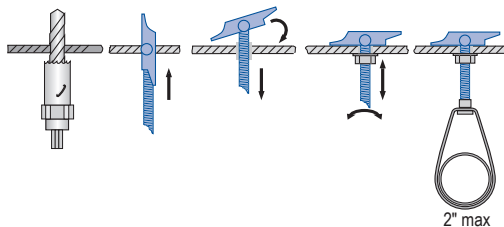
TD



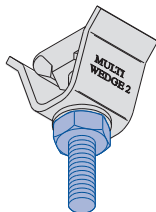
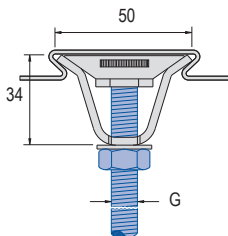
ZP



Part No.	G (mm)	d (mm)	Approval
TDM6x85	M6x85	15	-
TDM8x100	M8x100	22	VdS
TDM8x200	M8x200	22	VdS
TDM8x300	M8x300	22	VdS
TDM8x500	M8x500	22	VdS
TDM10x100	M10x100	25	VdS
TDM10x200	M10x200	25	VdS



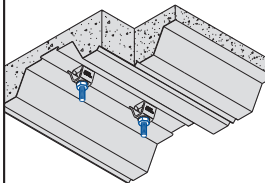
MW2



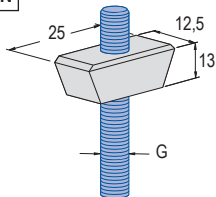
ZP

Part No.	G
MW06	M6
MW08	M8
MW10	M10

WARD MULTIDECK 60

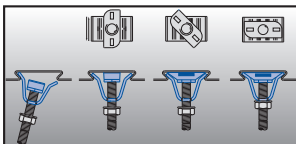


VN



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

ZP

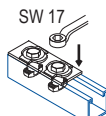
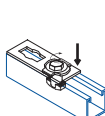
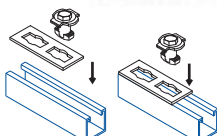
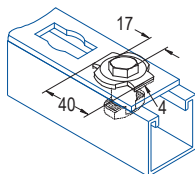


Part No.	G
VN04	M4
VN05	M5
VN06	M6
VN08	M8
VN10	M10

Kwikstrut advantages

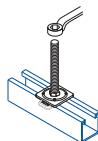
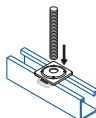
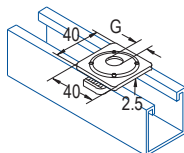
- Up to 50% reduction of installation time.
- 3 Parts replaced by 1.
- Spring-lock adjustment of fittings on the channel.
- Overhead installation with one hand.
- Complete bracketry package.
- Available in zinc plated

QFNH

Plastic Shroud

ZP

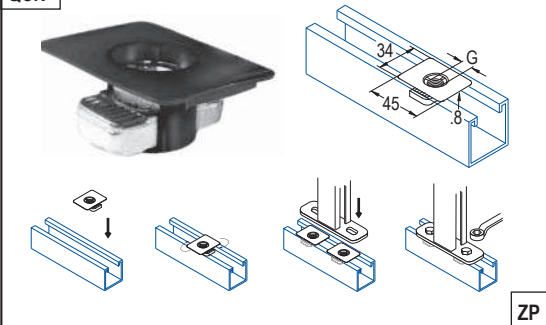
Part No.	Size
139 10 11	M10

QRN

Plastic Shroud

ZP

Part No.	G
139 08 21	M8
139 10 21	M10
139 12 21	M12

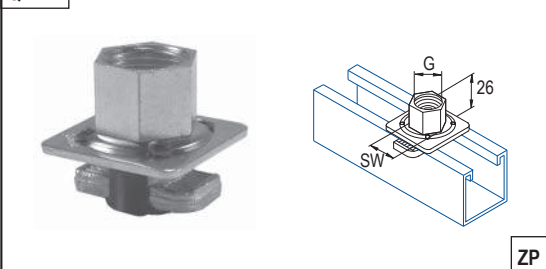
QCN



ZP

Part No.	G
139 06 31	M6
139 08 31	M8
139 10 31	M10
139 12 31	M12

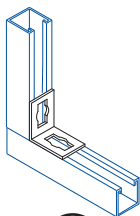
QEN



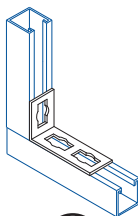
ZP

Part No.	G	SW (mm)
139 16 21	M16	22
139 22 26	1/2"	27

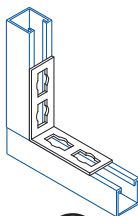
KWIKSTRUT FITTINGS



1 & 1

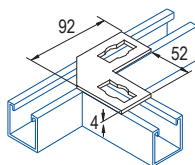


1 & 2



2 & 2

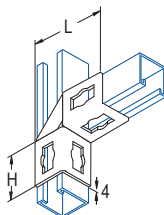
QFA



ZP

Part No. 139 01 25

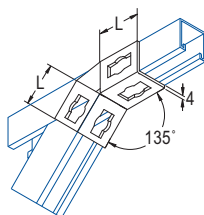
QFAZ



ZP

Part No.		H (mm)	L (mm)
139 90 55	2 & 2	58	103
139 90 65	4 & 4	106	150

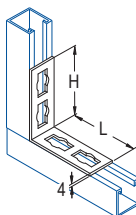
QFA135



ZP

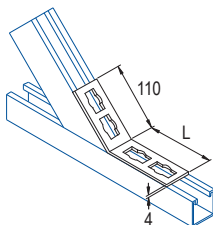
Part No.		L (mm)
139 35 55	2 & 2	56
139 35 65	4 & 4	103

QFFA

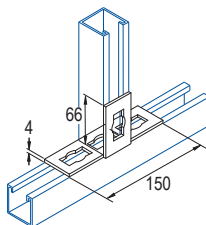


ZP

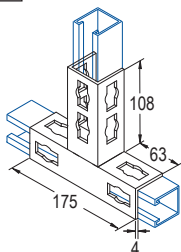
Part No.		H (mm)	L (mm)
139 90 25	1 & 1	65	65
139 90 35	1 & 2	110	65
139 90 45	2 & 2	110	110

QFFA135

ZP

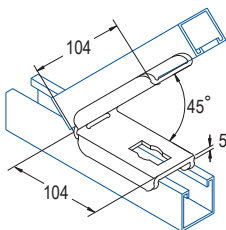
Part No.		H (mm)	L (mm)
139 35 35	1 & 2	110	65
139 35 45	2 & 2	110	110

QFFT

ZP

Part No. 139 01 15

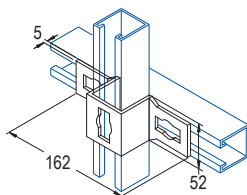
QFT

ZP

Part No. 139 41 18

QFFA 45

ZP

Part No. 139 45 25

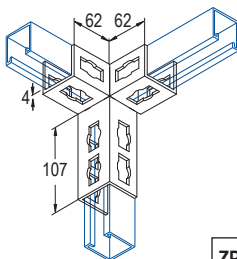
QFU



ZP

Part No. 139 41 38

QFCL/QFCR



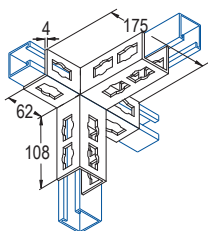
ZP

Part No.



139 41 11	left	6 & 3 & 3
139 41 12	right	6 & 3 & 3

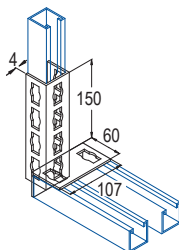
QFCD



ZP

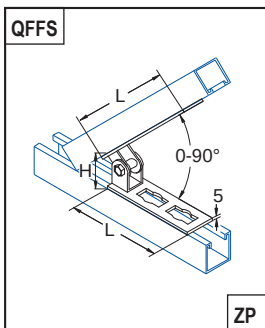
Part No. 139 41 78

QFX

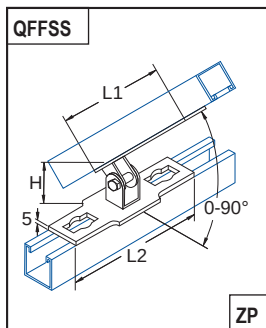


ZP

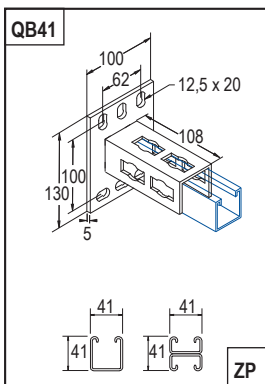
Part No. 139 13 92



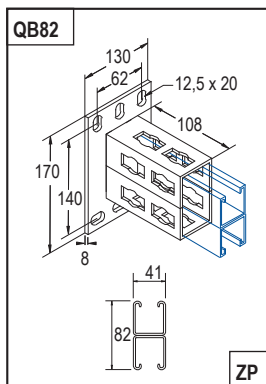
Part No. 139 01 85



Part No. 139 01 95

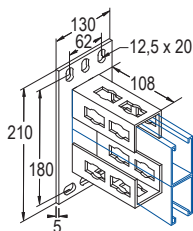


Part No. 139 41 58



Part No. 139 44 58

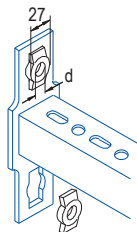
QB124



ZP

Part No. 139 66 58

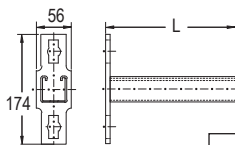
QCA



ZP

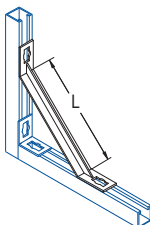
Part No.	d (mm)
139 08 65	8.5
139 10 65	10.5
139 12 65	12.5

QLCA

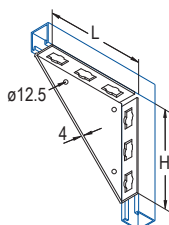


ZP

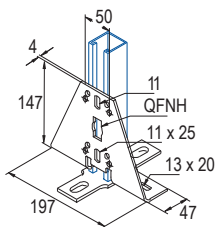
Part No.	L (mm)
139 41 19	200
139 41 29	250
139 41 39	350
139 41 49	450

QBF

ZP

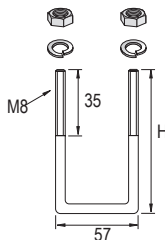
Part No. (ZP)	L (mm)
139 30 07	300
139 40 07	400
139 50 07	500
139 60 07	600

QKON

ZP

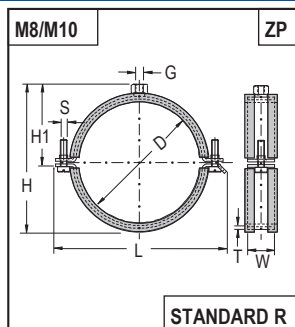
Part No. (ZP)	H (mm)	L (mm)
139 01 55	195	195
139 01 65	210	155

QB

ZP

Part No.	139 13 91
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QUB

ZP

Part No. (ZP)		H (mm)
139 21 69	P3300 / P4000 (41 x 21)	300
139 41 69	P1000 / P2000 (41 x 41)	400
139 62 69	P5500 (41 x 62)	500



Sound insulation on average 22 dB (A)



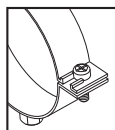
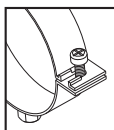
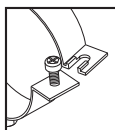
EPDM/SBR

SHORE A = 45° ± 5°



+ 110° C

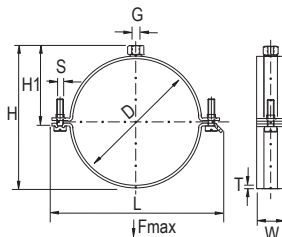
- 50° C



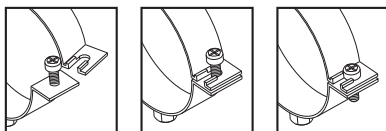
Side lock system for Part Numbers 125

Part No.		D	WxT	H	H1	L	S
M8/M10	in.	mm	mm	mm	mm	mm	
125 70 15		14 - 17	20 x 1.00	34	20	55	M5
125 70 18	3/8"	17 - 20	20 x 1.00	36	22	58	M5
125 70 22	1/2"	21 - 24	20 x 1.00	40	23	59	M5
125 70 28	3/4"	27 - 30	20 x 1.00	46	26	66	M5
125 70 35	1"	33 - 36	20 x 1.00	52	30	73	M5
125 70 40		38 - 41	20 x 1.00	56	31	79	M5
125 70 42	1 1/4"	42 - 45	20 x 1.00	60	34	82	M5
125 70 48	1 1/2"	48 - 51	20 x 1.00	66	37	89	M5
125 70 54		54 - 57	20 x 1.50	73	41	98	M5
125 70 60	2"	59 - 62	20 x 1.50	79	43	101	M5
125 70 70		67 - 72	25 x 1.50	94	53	116	M6
125 70 76	2 1/2"	72 - 78	25 x 1.50	100	56	123	M6
125 70 83		82 - 86	25 x 2.00	97	56	116	M6
125 70 89	3"	84 - 89	25 x 2.00	108	61	134	M6
125 71 14	4"	109 - 114	25 x 2.00	136	81	162	M6

STANDARD N



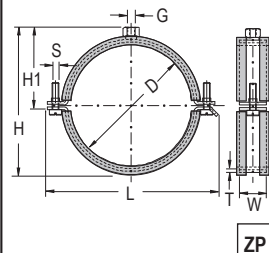
ZP



Side lock system for Part Numbers 125

Part No.		D	WxT	H	H1	L	S
M8/M10	in.	mm	mm	mm	mm	mm	
125 60 18	3/8"	17 - 20	20 x 1.00	29	18	51	M5
125 60 22	1/2"	21 - 24	20 x 1.00	33	19	52	M5
125 60 28	3/4"	25 - 28	20 x 1.00	39	22	59	M5
125 60 35	1"	32 - 35	20 x 1.00	45	26	66	M5
125 60 40		38 - 41	20 x 1.00	49	27	72	M5
125 60 42	1 1/4"	40 - 43	20 x 1.00	53	30	75	M5
125 60 48	1 1/2"	48 - 51	20 x 1.00	59	33	82	M5
125 60 54		54 - 57	20 x 1.50	66	37	89	M5
125 60 60	2"	59 - 63	20 x 1.50	72	39	94	M5
125 60 70		67 - 72	25 x 1.50	87	49	109	M6
125 60 76	2 1/2"	71 - 77	25 x 1.50	93	52	116	M6
125 60 80		79 - 85	25 x 1.50	95	54	117	M6
125 60 89	3"	85 - 90	25 x 2.00	101	57	127	M6
125 61 14	4"	107 - 114	25 X 2.00	129	77	155	M6

STANDARD S



Sound insulation on average 22 dB (A)

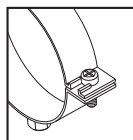
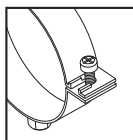
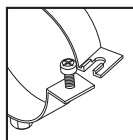


EPDM/SBR
SHORE A = $40^\circ \pm 5^\circ$



+ 220° C

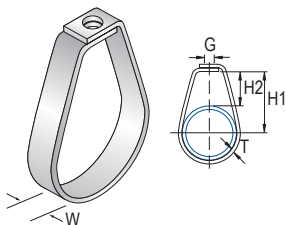
- 40° C



Side lock system for Part Numbers 125

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

FILBOW



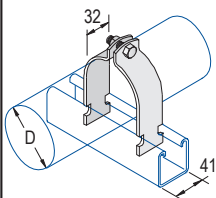
PG



Part No.	D in.	G ømm	W x T mm	H1 mm	H2 mm	Approval*
FIL00212	1/2"	11	25 x 1.2	35	20	
FIL00272	3/4"	11	25 x 1.2	35	20	LPCB
FIL00342	1"	11	25 x 1.2	43	26	LPCB
FIL00422	1 1/4"	11	25 x 1.2	50	30	LPCB
FIL00482	1 1/2"	11	25 x 1.2	60	35	LPCB
FIL00602	2"	11	25 x 1.2	60	30	LPCB
FIL00762	2 1/2"	11	25 x 1.6	81	33	LPCB
FIL00892	3"	11	25 x 1.6	85	40	LPCB
FIL01142	4"	11	32 x 1.6	113	56	LPCB
FIL01682	6"	13	32 x 2.5	145	60	LPCB
FIL02192	8"	18	40 x 3.0	200	90	LPCB
FIL02732	10"	22	50 x 3.0	250	130	

*Approval only applicable for finish PG

M1108 - M1155

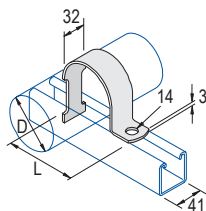


PG SS

Part No.	D mm
M1108	8.7 - 10.3
M1109	10.3 - 12.7
M1110	11.9 - 13.5
M1111	13.5 - 14.3
M1112	14.3 - 16.7
M1113	15.9 - 18.3
M1114	18.3 - 20.6
M1115	19.0 - 21.4
M1116	21.4 - 25.4
M1117	25.4 - 27.8
M1118	27.0 - 30.2
M1119	30.2 - 33.8
M1120	31.8 - 35.9
M1121	34.9 - 39.7
M1122	39.7 - 42.9
M1123	42.9 - 46.8
M1124	46.8 - 50.8
M1125	48.4 - 52.4
M1126	52.4 - 58.7
M1127	58.7 - 63.5
M1128	63.5 - 68.3
M1129	68.3 - 73.0
M1130	73.0 - 79.4
M1131	76.2 - 82.6

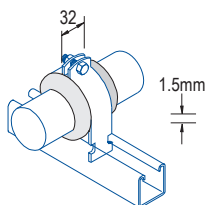
Part No.	D mm
M1132	82.6 - 88.1
M1133	88.1 - 95.2
M1134	95.2 - 100.0
M1135	100.0 - 106.4
M1136	106.4 - 111.1
M1137	111.1 - 120.7
M1138	120.7 - 129.4
M1139	129.4 - 138.1
M1140	138.1 - 149.2
M1141	149.2 - 161.9
M1142	161.9 - 174.6
M1143	174.6 - 182.6
M1144	182.6 - 190.5
M1145	190.5 - 203.2
M1146	203.2 - 212.7
M1147	212.7 - 225.4
M1148	225.4 - 238.1
M1149	238.1 - 250.8
M1150	250.8 - 263.5
M1151	263.5 - 276.2
M1152	275.2 - 288.9
M1153	288.9 - 301.6
M1154	301.6 - 314.3
M1155	314.3 - 327.0

SS2A - SS2N



HG SS

Part No.	D " NB/DN	L mm
SS2/A	15 21	66
SS2/B	20 27	73
SS2/C	25 34	81
SS2/D	32 43	90
SS2/E	40 48	96
SS2/F	50 60	96
SS2/G	65 76	113
SS2/H	80 90	125
SS2/J	90 102	137
SS2/K	100 115	150
SS2/L	125 140	175
SS2/M	150 168	204
SS2/N	200 220	255

P2600 UNI-CUSHION


Part No.	Size (mm)	T (mm)	L (mm)
P2600	32	1.5	8

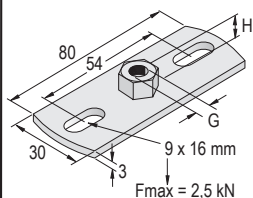


EPDM/SBR
SHORE A = $45^{\circ} \pm 5^{\circ}$

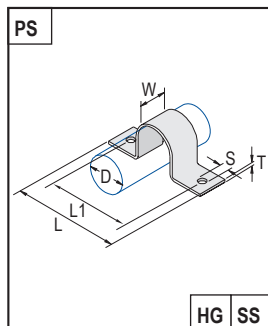


+ 110° C

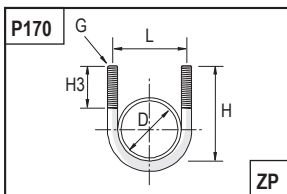
- 50° C

Base Plates with Thread Connector
TYPE 'L'

ZP

Part No.	G	H (mm)
146 00 81	M8	11
146 01 01	M10	11
146 01 21	M12	13
146 01 08	M8/M10	17
146 02 21	1/2"	18
146 02 81	3/4"	20

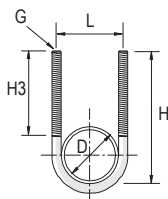


HG	SS	D		W x T	S	L	L1
Part No.	Part No.	in.	NB/DN	mm	mm	mm	mm
PS0153	PS0154	1/2"	15	40x3	11	108	68
PS0203	PS0204	3/4"	20	40X3	11	113	73
PS0253	PS0254	1"	25	40X3	11	120	80
PS0323	PS0324	1 1/4"	32	40X3	11	128	88
PS0403	PS0404	1 1/2"	40	40X3	11	134	94
PS0503	PS0504	2"	50	40X4	11	148	108
PS0653	PS0654	2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



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

P171



ZP

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

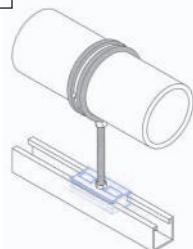
Size DN	in.	ø Outside mm	thick. mm	weight Kg/m	+water Kg/m	plus isol. Kg/m	max span m
Pipes according DIN 2440							
10	3/8"	17.2	2.35	0.89	1.01	1.3	1.35
15	1/2"	21.3	2.65	1.27	1.47	1.8	1.50
20	3/4"	26.9	2.65	1.65	2.02	2.4	1.80
25	1"	33.7	3.25	2.55	3.13	3.9	2.10
32	1 1/4"	42.4	3.25	3.28	4.30	5.7	2.40
40	1 1/2"	48.3	3.25	3.77	5.15	6.6	2.60
50	2"	60.3	3.65	5.33	7.55	9.9	3.00
65	2 1/2"	76.1	3.65	6.80	10.52	15.0	3.20
80	3"	88.9	4.05	8.85	13.98	19.9	3.50
100	4"	114.3	4.50	12.60	21.30	30.9	4.20
125	5"	139.7	4.85	16.90	30.17	40.6	40.6
150	6"	165.1	4.85	20.10	39.06	50.4	5.30
Steel pipes according to DIN 2448							
10	3/8"	17.2	1.80	0.69	0.93	1.5	1.40
15	1/2"	21.3	2.00	0.96	1.20	2.5	1.60
20	3/4"	26.9	2.30	1.41	1.80	3.2	1.85
25	1"	33.7	2.60	2.01	2.65	4.3	2.15
32	1 1/4"	42.4	2.60	2.70	3.91	5.5	2.50
40	1 1/2"	48.3	2.60	2.95	4.41	6.0	2.60
46		51.0	2.60	3.12	4.77	6.5	2.70
50		57.0	2.90	3.90	5.96	7.6	2.80
50	2"	60.3	2.90	4.14	6.47	9.0	3.00
57		63.5	2.90	4.36	6.97	9.5	3.00
65	2 1/2"	76.1	2.90	5.28	9.16	13.9	3.50
76		82.5	3.20	6.31	10.86	15.2	3.65
80	3"	88.9	3.20	6.81	12.15	18.4	3.80
94		101.6	3.60	8.76	15.76	24.8	4.00
100		108.0	3.60	9.33	17.31	27.5	4.10
100	4"	114.3	3.60	9.90	18.90	28.8	4.20
		127.0	4.00	12.20	23.32	35.1	4.35
125		133.0	4.00	12.80	25.07	36.5	4.40
125	5"	139.7	4.00	13.50	27.12	38.2	4.50
		152.4	4.50	16.40	32.54	46.5	4.75
150		159.0	4.50	17.10	34.76	48.9	4.80
150	6"	168.3	4.50	18.10	50.6	36.93	4.90
		177.8	5.00	21.30	43.40	58.9	5.00
		193.7	5.40	25.00	51.26	66.5	5.20
200	8"	219.1	5.90	31.00	64.73	79.5	5.50
		267.0	6.30	40.60	91.40	108.5	5.90
250	10"	273.0	6.30	41.60	95.40	111.7	5.90
		298.5	7.10	51.10	116.60	137.5	6.20
		318.0	7.10	57.40	129.50	150.0	6.40
300	12"	323.9	7.10	55.60	130.85	150.0	6.40
400	16"	406.4	8.80	85.90	204.40	227.7	7.10
500	20"	508.0	11.00	135.00	320.50	345.5	8.00

Size DN	ø Outside mm	thick. mm	weight Kg/m	+water Kg/m	max span m
Drainpipes according to DIN 19500					
50	60.0	3.50	5.30	7.50	0.60
70	80.0	3.50	7.10	11.28	0.80
100	112.0	4.00	10.30	18.79	1.15
125	137.0	4.00	13.70	26.76	1.35
150	162.0	5.00	17.30	35.43	1.60
200	212.0	6.00	32.70	64.10	2.00
Ductile pipes (SMLML)					
40	48.0	3.5	3.00	4.40	+/- 1.5 meter (Based upon manufacturers data)
50	58.0	3.5	4.30	6.40	
70	78.0	3.5	5.90	9.90	
100	110.0	3.5	8.40	17.70	
125	135.0	4.0	11.80	24.50	
150	160.0	4.0	14.10	32.30	
200	210.0	5.0	23.10	54.60	
250	274.0	5.5	33.30	87.70	
300	326.0	6.0	43.20	120.80	
400	429.0	8.1	75.50	208.80	
500	532.0	9.0	104.30	311.80	
600	635.0	9.9	137.10	434.20	
Drainpipes, PE (Geberit)					
26	32.0	3.0	0.27	0.80	0.32
34	40.0	3.0	0.34	1.25	0.40
40	50.0	3.0	0.44	1.96	0.50
50	56.0	3.0	0.50	2.46	0.56
60	63.0	3.0	0.56	3.11	0.63
70	75.0	3.0	0.67	4.41	0.75
80	90.0	3.5	0.95	6.36	0.90
100	110.0	4.3	1.43	9.50	1.10
125	125.0	4.9	1.81	12.27	1.25
150	160.0	6.2	3.00	20.10	1.60
200	200.0	6.2	3.83	31.45	2.00
250	250.0	7.8	6.01	49.15	2.50
315	315.0	9.8	9.65	78.20	
Drainpipes, PVC, hard					
50	50.0	1.8	0.24	1.28	0.50
60	63.0	1.9	0.30	1.99	0.60
70	75.0	1.9	0.49	3.93	0.75
100	110.0	2.7	1.02	8.00	1.10
125	125.0	3.1	1.35	12.43	1.25
150	160.0	3.9	2.15	18.03	1.60

Size DN	ø Outside mm	thick. mm	weight Kg/m	+water Kg/m	plus isol. Kg/m	max span m
Copper pipes DIN 1786 and 1754						
10	10.0	1.0	0.25	0.30	0.4	0.5
12	12.0	1.0	0.30	0.38	0.5	0.5
15	15.0	1.0	0.39	0.52	0.8	1.0
18	18.0	1.0	0.47	0.67	1.0	1.0
22	22.0	1.0	0.58	0.90	1.3	1.5
28	28.0	1.5	1.11	1.60	2.4	1.5
35	35.0	1.5	1.42	2.21	3.1	1.5
42	42.0	1.5	1.70	2.89	4.4	1.5
54	54.0	2.0	2.91	4.87	7.3	1.5
64	64.0	2.0	3.47	6.29	9.8	2.0
70	70.0	2.0	3.80	7.21	12.9	2.0
74	74.0	2.0	4.03	7.87	13.5	2.0
80	80.0	2.0	4.36	8.89	14.7	2.0
104	104.0	2.0	5.70	13.55	25.5	3.0
125	125.0	3.0	10.20	21.31	33.5	3.0
131	131.0	3.0	10.70	22.96	35.0	2.0

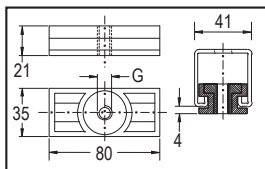
Size DN	mm	DIN24145 mm	weight per meter by thickness				
			0.4mm	0.6mm	0.8mm	1.0mm	1.2mm
Ventilation ducts							
80	80	0.4	0.9	1.35			
100	100	0.6	1.1	1.69	2.25		
112	112	0.6	1.2	1.89	2.52		
125	125	0.6	1.4	2.11	2.81		
140	140	0.6	1.5	2.36	3.15		
150	150	0.6		2.53	3.38		
160	160	0.6		2.70	3.60		
180	180	0.6		3.07	4.05		
200	200	0.6		3.38	4.50	5.63	
224	224	0.6		3.78	5.04	6.30	
250	250	0.6		4.22	5.63	7.03	
280	280	0.6		4.73	6.30	7.88	
300	300	0.6		5.06	6.75	8.44	
315	315	0.6		5.32	7.09	8.86	
355	355	0.8		5.99	7.99	10.00	
400	400	0.8		6.75	9.00	11.30	13.77
450	450	0.8			10.13	12.70	15.49
500	500	0.8			11.25	14.10	17.21
560	560	1.0			12.60	12.80	19.28
600	600	1.0			13.50	16.80	20.65
630	630	1.0			14.18	17.70	21.69
710	710	1.0			15.98	20.00	24.44
800	800	1.0				22.50	27.54
900	900	1.0				25.30	30.98
1000	1000	1.2				28.10	34.42

US



SS ZP

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



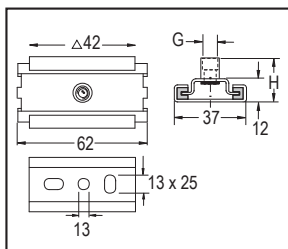
Part No. (ZP)	Part No. (SS)	G
124 10 76	135 10 75	M10
124 12 76	135 12 75	M12

ES-1S



ZP

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



Part No. (ZP)	G	H (mm)
124 08 10	M8	22
124 10 85	M10	25

ES-1M



SS

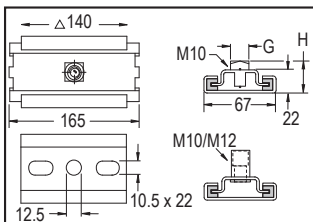
Polyamide (Pa)

+120°C Max.



$\mu_0 = 0.18N$

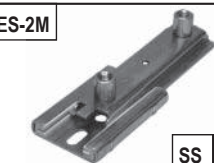
$\mu = 0.14N$



Part No.	G	H (mm)
124 12 91	M10/M12	42
135 24 01	M10	30

Slide Guide Type M

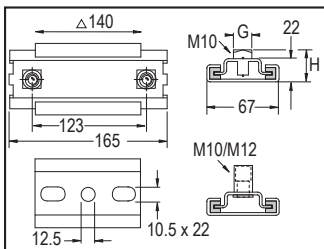
ES-2M



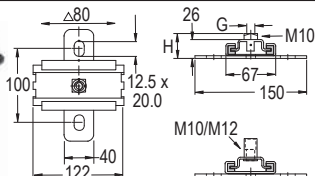
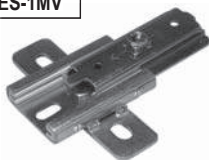
SS

ZP

Part No.	G	H (mm)
124 12 92	M10/M12	42
135 24 05	M10	30



ES-1MV



SS **ZP**

Part No.	G	H (mm)
124 12 95	M10/M12	46
135 24 02	M10	34



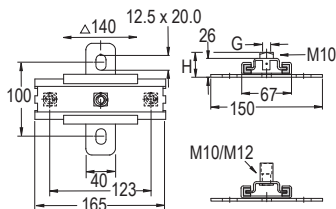
Polyphenylensulfid (PPS)

+ 240° C Max.

$\mu_0 = 0.18$

$\mu = 0.14$

ES-2MV



SS **ZP**

Part No.	G	H (mm)
124 12 96	M10/M12	46
135 24 06	M10	34



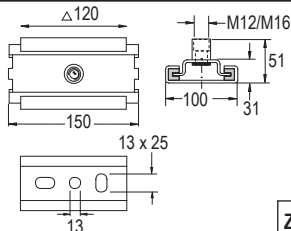
Polyphenylensulfid (PPS)

+ 240° C Max.

$\mu_0 = 0.18$

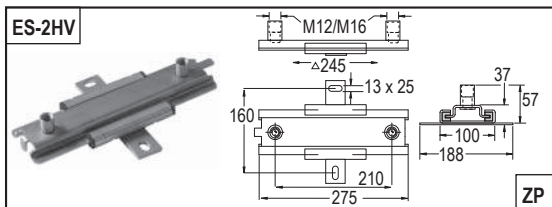
$\mu = 0.14$

ES-1H

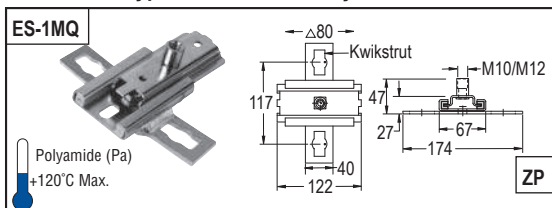


ZP

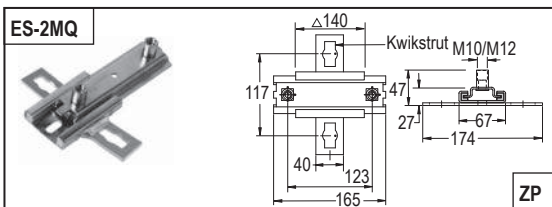
Part No. ZP 124 16 69

Slide Guide Type H for Unistrut Channels with Double Connection


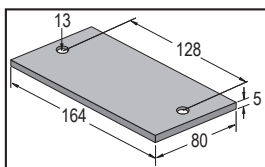
Part No. ZP 124 16 25

Slide Guide Type M for Kwikstrut System


Part No. ZP 124 12 35



Part No. ZP 124 12 55

Polyamide Slide Plate


Polyamide (Pa)
+ 120°C Max.



$\mu 0 = 0.18$
 $\mu = 0.14$

Part No. 124 30 01

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 / FINISHES

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

PO - Plain Oiled	PG - Pre-Galvanised
HG - Hot Dip Galvanised	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 grade 1.4404 (Grade 316L).

Hot -Dip Galvanized Channels are Hot-Dip Galvanized in accordance with BS EN ISO1461:2009 and chromate passivated. Minimum average Zinc Coating is as follows:

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

Fittings spun galvanized: 45 microns

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

Zinc Electroplated - Channel nuts and bolts are zinc electroplated.

Special Coatings and Material Grades Available on Request:

- **Stainless Steel** 1.4301 (304) and **Stainless Steel** 1.4404 (316L)
- **Cleaned (Pickled & Passivated)** Applying a pickling process to stainless steel results in a clean product and it also removes any heat discolouration that has occurred in the welding process.
- **Deep Galvanized** - A deep galvanized coating can be achieved when using steel containing a slightly higher proportion of silicon; for example Corten 'A' steel. Silicon bearing steels modify the chemistry of the galvanizing process, resulting in the zinc coating continuing to increase in thickness as long as the steel remains immersed in the zinc. Coatings up to two to three times as thick as the normal standard coating are practical to achieve.

- **Kelvar Coating** - Kelvar is a coating which is particularly suitable for use on cable support systems. The finish is thick and relatively soft and gives good protection to the cables during installation. The coating has strong adhesive properties and is halogen free with low smoke and fume characteristics.

- **PVC Coating** - PVC coating is a thick, soft 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 not suitable for application over hot-dip galvanized steel.

- **Other Powder Coatings** - with high UV resistance or special colour are available upon request.

- **Chromate Coating** - Chromating passivates the surface of galvanized steel. This minimises the formation of "white rust" and therefore improves the appearance of the material. Chromating is carried out as a final finishing process immediately after hot dip galvanizing.

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 subject to a cutting charge.

DIMENSIONS

All dimensions are subject to commercial tolerance variations.

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.

PART NUMBER INDEX

EA to EAW	38	M10X2M	37	P1063T	17
ES-1H	70	M10X30SN	15	P1064T	17
ES-1M	69	M10X32PW	35	P1065	16
ES-1MQ	71	M10X3M	37	P1066	16
ES-1MV	70	M10X40CP	35	P1067	17
ES-1S	68	M10X40SN to M10X75SN	15	P1068	19
ES-2HV	71	M12LW	35	P1074	19
ES-2M	69	M12X100SN	15	P1184	33
ES-2MQ	71	M12X1M	37	P1186	18
ES-2MV	70	M12X2M	37	P1218	26,33
F312	41	M12X30SN	15	P1271	28
FIL	59	M12X3M	37	P1272	28
FILBOW	59	M12X40CP	35	P1278	21
FL	41	M12X40SN to M12X75SN	15	P1325 to P1346	20
FLS	42	M16LW	35	P1347	25
GAM	38	M16X102SN	15	P1354	19
GHML	40	M16X1M to M16X3M	37	P1358	18
GHMR	39	M16X63SN	15	P1359	21
HBH	31	M1108 to M1155	60	P1377	25
HBL	31	MW	45	P1386	27
HBLD	31	P170	63	P1386-S1	27
HBM	31	P171	64	P1453	25
M6LW	35	P1000	4	P1458	20
M6X12RB	35	P1000T	4	P1546	18
M6X16RB	35	P1001	4	P1580	18
M6X1M	37	P1001-3	8	P1727	21
M6X20RB	35	P1001-A	8	P1737	24
M6X25PW	35	P1001-A3	8	P1796	27
M6X25RB	35	P1001-B	8	P1796-A	27
M6X2M	37	P1001-B3	9	P1796-B	28
M6X30RB	35	P1001-C	8	P1834	32
M6X30SN	15	P1001-C3 to P1001-C43	9	P1834A	32
M6X32PW	35	P1001T	4	P1941	17
M6X3M	37	P1003 to P1004	8	P1983	27
M6X40RB	35	P1019	16	P2000T	6
M6X50RB	35	P1020	16	P2072	22
M6X60RB	35	P1026	19	P2073	22
M8LW	35	P1026-S1	19	P2073A	23
M8X100SN	15	P1031	17	P2073ALD	23
M8X1M	37	P1033	19	P2095 to P2108	18
M8X25PW	35	P1036	17	P2223	24
M8X2M	37	P1037	20	P2322	17
M8X30SN	15	P1038	21	P2341 L	24
M8X32PW	35	P1043	24	P2341R	23
M8X3M	37	P1044	25	P2346	23
M8X40SN to M8X75SN	15	P1045	25	P2348	23
M10LW	35	P1047	24	P2484	20
M10X100SN	15	P1062AT	17	P2489	27
M10X1M	37	P1062T	17	P2600	61
M10X25PW	35	P1063	16	P2631T	30

P2633T	29	QLCA	54	139 01 85	53
P2663	29	QRN	47	139 01 95	53
P2665T	30	QUB	55	139 06 31	48
P2668T	29	RS 39		139 08 21	47
P2749	34	SP	36	139 08 31	48
P2750/1	34	SS2	60	139 08 65	54
P2785 to P2787	26	TD	44	139 10 11	47
P2815S	18	TDM	44	139 10 21	47
P2901 to P2903	33	UBC	41	139 10 31	48
P2949	34	US 68		139 10 65	54
P2950	34	VN 45		139 12 21	47
P3087	26	Z10	26	139 12 31	48
P3270	13	ZP	56	139 12 65	54
P3300	5	17AF	35	139 13 91	55
P3300T10	5	19AF	35	139 13 92	52
P3301T10	5	66 42 008	39	139 16 21	48
P3370	13	66 42 010	39	139 21 69	55
P4000T10	6	124 00 86 to 124 01 26	40	139 21 96 to 139 21 98	34
P4045	25	124 08 03	39	139 22 26	48
P4047	24	124 08 10	68	139 30 07	55
P5000T	6	124 08 86	39	139 35 35	51
P5001T	6	124 10 03	39	139 35 45	51
P5500T	7	124 10 76	68	139 35 55	50
P5501T	7	124 10 85	68	139 35 65	50
PNL	14	124 12 35	71	139 40 07	55
PNP	14,15	124 12 55	71	139 41 11	52
PNS	14	124 12 76	68	139 41 12	52
PS	62	124 12 91	69	139 41 18	51
PS0153 to PS3004	62	124 12 92	69	139 41 19	54
PSB	43	124 12 94	39	139 41 29	54
QB	55	124 12 95	70	139 41 38	52
QB41	53	124 12 96	70	139 41 39	54
QB82	53	124 16 25	71	139 41 49	54
QB124	54	124 16 69	70	139 41 58	53
QBF	55	124 30 01	71	139 41 69	55
QCA	54	124 81 06	39	139 41 78	52
QCN	48	125 60 18 to 125 61 14	57	139 41 96 to 139 41 98	34
QEN	48	125 70 15 to 125 71 14	56	139 44 58	53
QFA	50	125 80 15 to 125 81 14	58	139 45 25	51
QFCD	52	135 10 75	68	139 50 07 to 139 62 69	55
QFCL/QFCR	52	135 12 75	68	139 66 58	54
QFFA	50,51	135 17 02	43	139 90 25 to 139 90 65	50
QFFS	53	135 24 01	69	146 00 81 to 46 02 81	61
QFFSS	53	135 24 02	70	154 19 02 to 155 25 02	43
QFFT	51	135 24 05	69	6334	36
QFNH	47	135 24 06	70	310810 to 311612	37
QFT	51	139 01 15	51	1482210 to 1482216	37
QFU	52	139 01 25	50	170002102 to 170032452	63
QFX	52	139 01 55	55	171002102 to 171032452	64
QKON	55	139 01 65	55		

Unistrut Ltd.
Delta Point
Greets Green Road
West Bromwich
B70 9PL England
PHONE / +44 (0) 121 580 6300
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