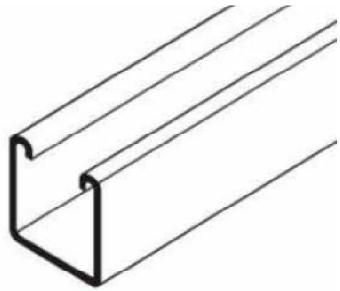
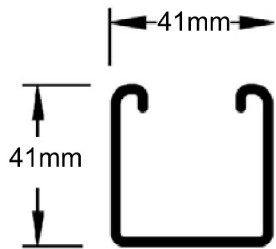


Plain - Deep



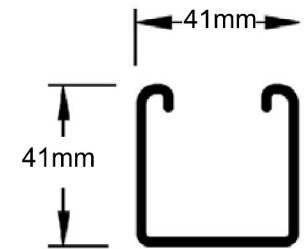
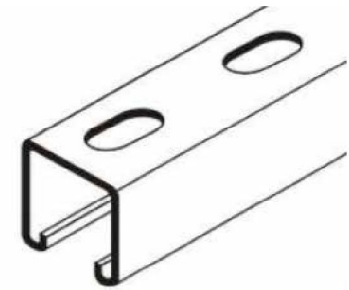
Framing channel manufactured to BS6946.
 Manufactured in the UK from 2.5mm gauge mild steel.
 Pre galv finish to EN10346:2009.
 Safe loadings are on page



Length	Code
3000mm	U01
6000mm	U03

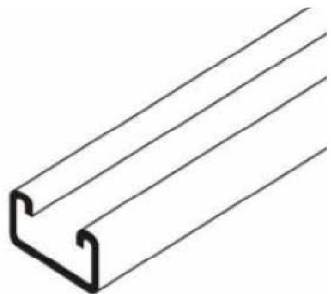
Slotted - Deep

Framing channel manufactured to BS6946.
 Slot size 28 x 14mm at 50mm centres.
 Manufactured in the UK from 2.5mm gauge mild steel.
 Pre galv finish to EN10346:2009.
 Safe loadings are on page

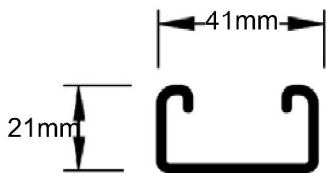


Length	Code
3000mm	U090
6000mm	U095

Plain - Shallow



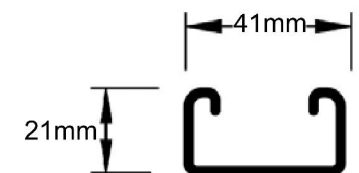
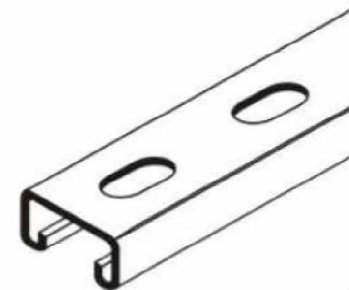
Framing channel manufactured to BS6946.
 Manufactured in the UK from 2.5mm gauge mild steel.
 Pre galv finish to EN10346:2009.
 Safe loadings are on page



Length	Code
3000mm	U04
6000mm	U05

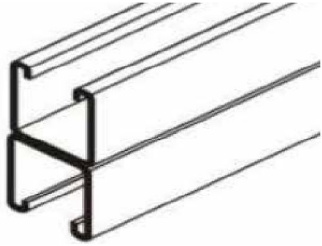
Slotted - Shallow

Framing channel manufactured to BS6946.
 Slot size 28 x 14mm at 50mm centres.
 Manufactured in the UK from 2.5mm gauge mild steel.
 Pre galv finish to EN10346:2009.
 Safe loadings are on page



Length	Code
3000mm	U100
6000mm	U101

Double - Deep

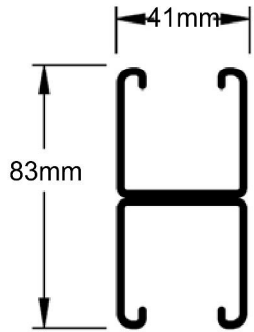


Framing channel manufactured to BS6946.

Manufactured in the UK from 2.5mm gauge mild steel.

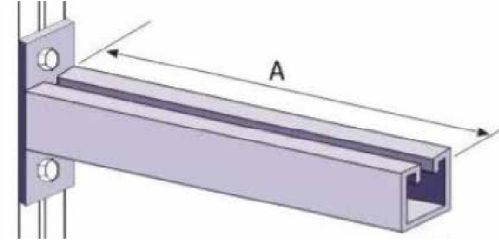
Pre galv finish to EN10346:2009.

Safe loadings are on page



Length	Code
3000mm	U080
6000mm	U085

Deep - Hot Dip Galv

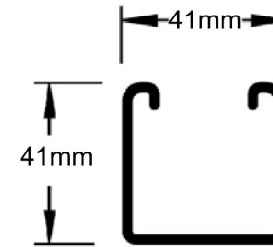


Standard cantilever arm manufactured to BS6946.

2.5mm gauge mild steel arm.

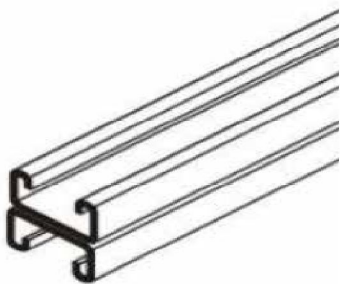
Backplate dimensions 130x45x8mm with two 14mm diameter holes.

Hot dip galv finish to EN1460.



Size (A)	Code
150mm	UC15
300mm	UC30
450mm	UC45
600mm	UC60
750mm	UC75
1000mm	UC99

Double - Shallow

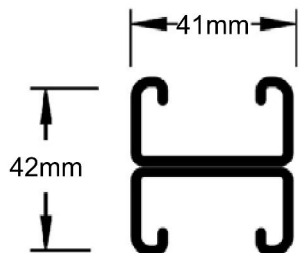


Framing channel manufactured to BS6946.

Manufactured in the UK from 2.5mm gauge mild steel.

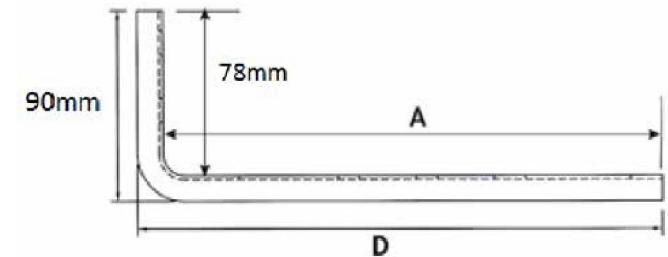
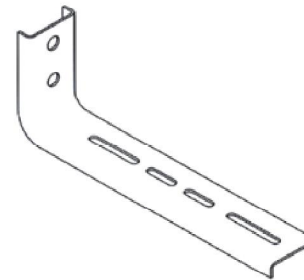
Pre galv finish to EN10346:2009.

Safe loadings are on page



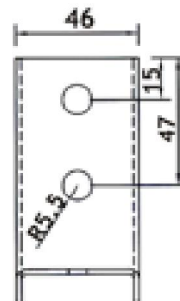
Length	Code
3000mm	U06
6000mm	U07

Cable Tray & Basket - Light - BZP

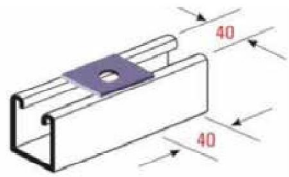


A medium duty L bracket for cable tray installations. Manufactured in the UK from pre-coated galvanised steel to the requirements of EN10346:2009. Slotted to receive M6 roofing bolts (clearance up to M10).

Size (A)	Size (D)	Code
100mm	123mm	LB100
150mm	175mm	LB150
225mm	249mm	LB225
300mm	325mm	LB300

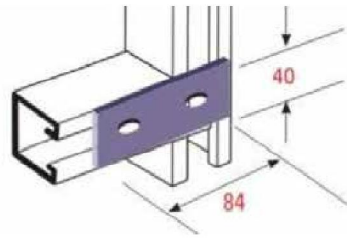


Square Plate



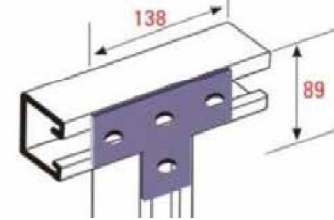
Hole	Code
6mm	U106
8mm	U108
10mm	U110
12mm	U112

Flat Plate - 2 Hole



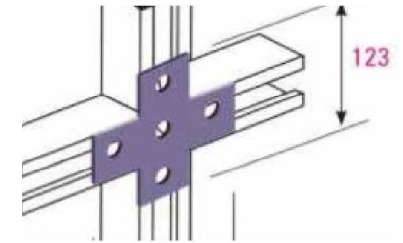
Code
U102

Flat T



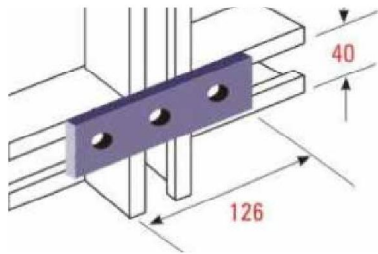
Code
U152

Flat Cross



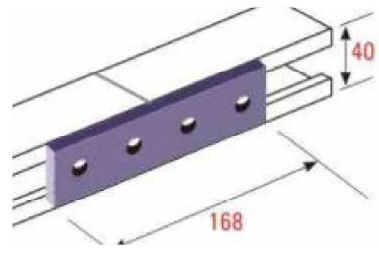
Code
U160

Flat Plate - 3 Hole



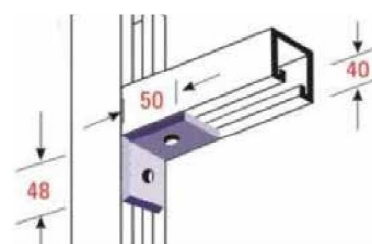
Code
U103

Flat Plate - 4 Hole



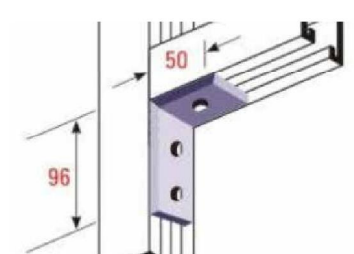
Code
U104

Angle 2 Hole



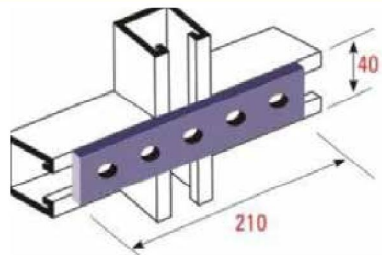
Size	Code
48mm x 50mm	U140
42mm x 57mm	U141

Angle 3 Hole



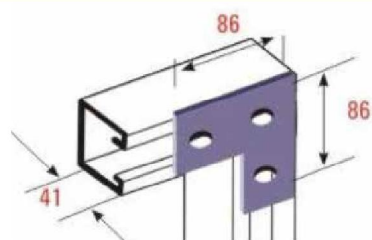
Code
U142

Flat Plate - 5 Hole



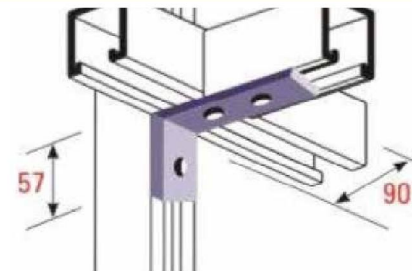
Code
U105

Flat L



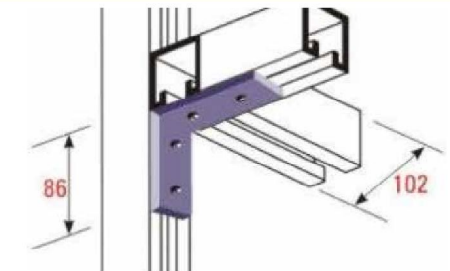
Code
U161

Angle 3 Hole



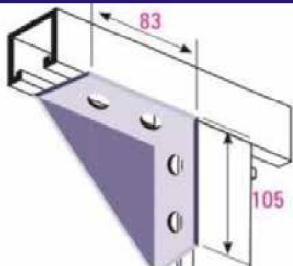
Code
U143

Angle 4 Hole



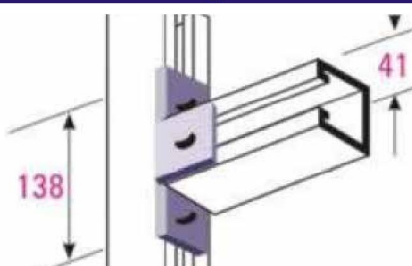
Code
U144

Angle 4 Hole - Web



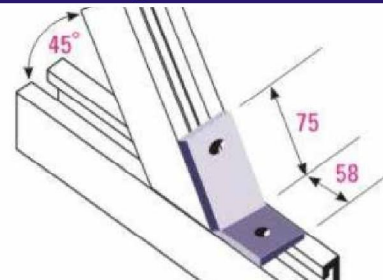
Code
U1455

Angle T



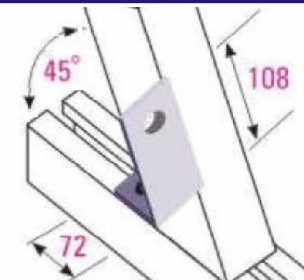
Code
U153

Angle - 135°



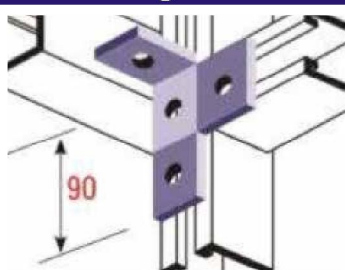
Code
U148

Angle - 45°



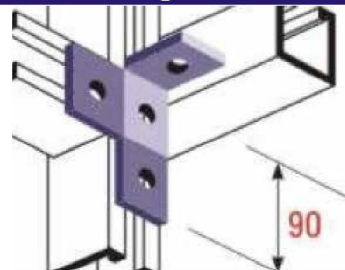
Code
U149

Angle T



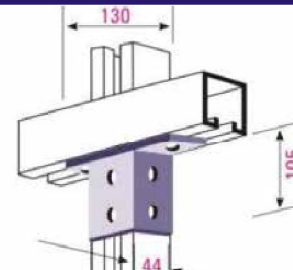
Code
Uxxx fb123

Angle T



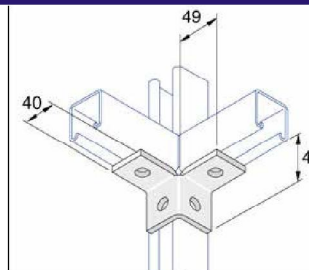
Code
Uxxx fb124

Branch T



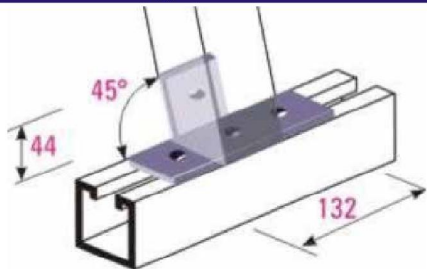
Code
U151

Branch T



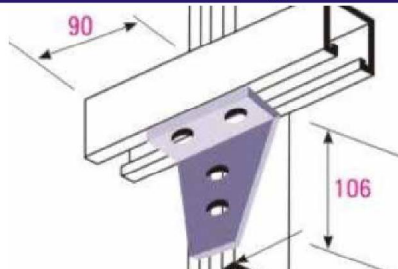
Code
U146

Angle T - 45



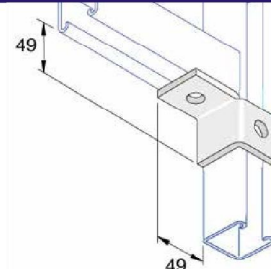
Code
Uxxx fb125

Delta Angle



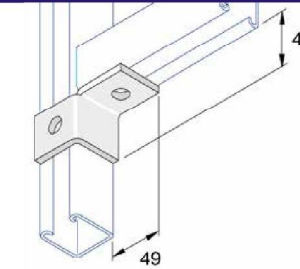
Code
U147

Branch T



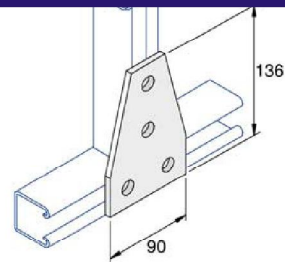
Code
U150LB

Branch T



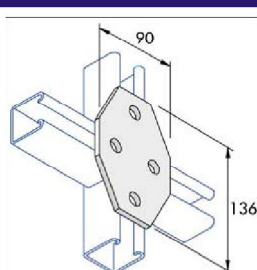
Code
U150RA

Delta Plate



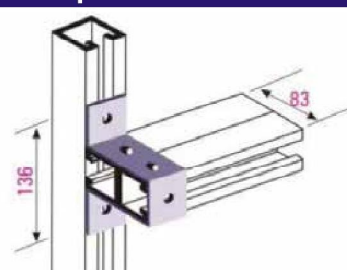
Code
U158

Delta Plate



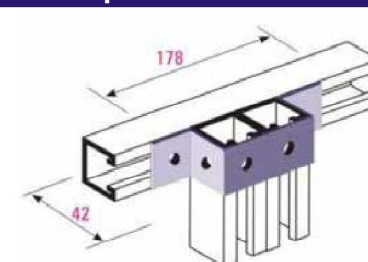
Code
U160

Top Hat - 83mm



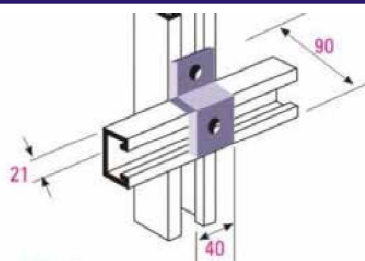
Code
U176

Top Hat - 83mm



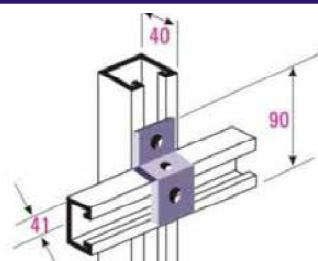
Code
xxx fb137

Z Bracket - 21mm



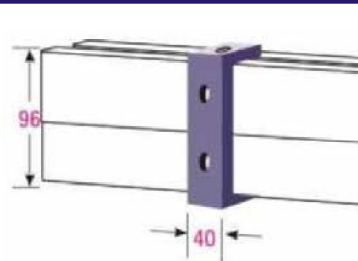
Code
U171

Z Bracket - 41mm



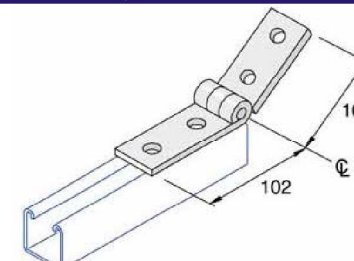
Code
U172

Stacker



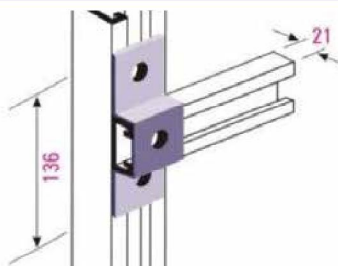
Code
U194E

Hinged Bracket



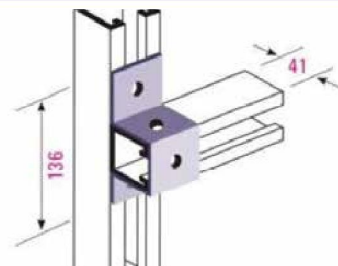
Code
U150H

Top Hat - 21mm



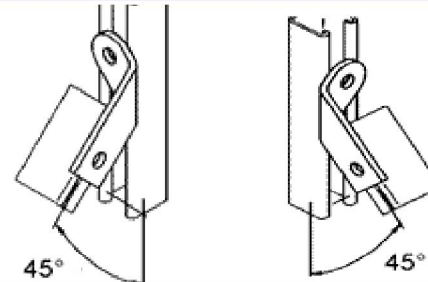
Code
U174

Top Hat - 41mm



Code
U175

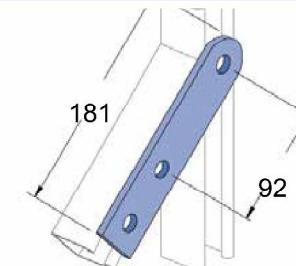
Stay Bracket Angle



Code
U191B

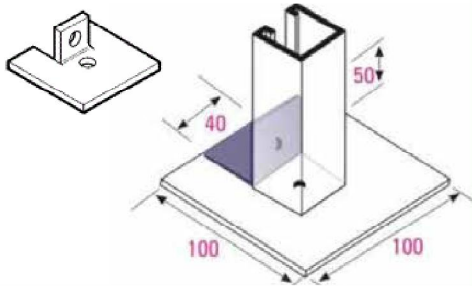
Code
U192C

Stay Bracket Straight



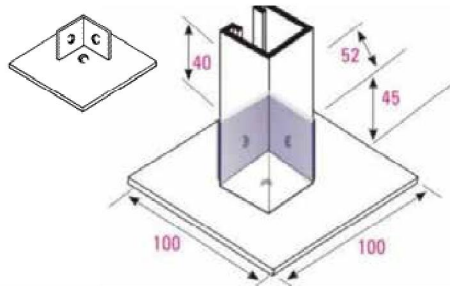
Code
xxxx

Foot - Tab Type



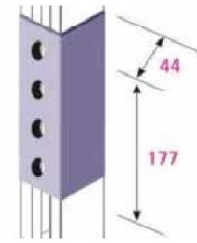
Code
U211

Foot - L Type



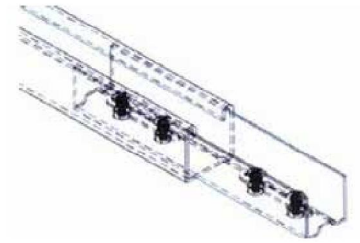
Code
U212

External - Hot Dip Galv



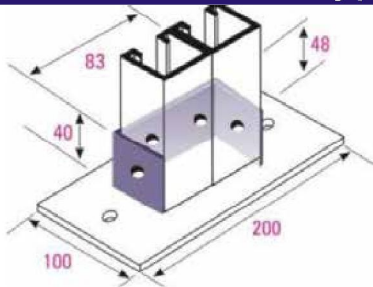
Size	Code
For 41mm (Deep)	U202
For 21mm (Shallow)	U201

Internal - BZP



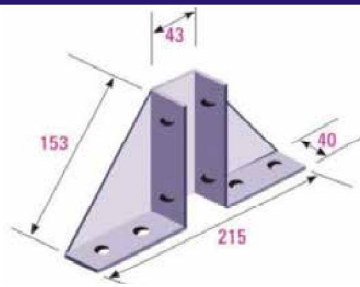
Size	Code
For 41mm (Deep)	U670
For 21mm (Shallow)	U675

Foot - Double U Type



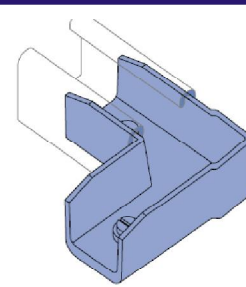
Code
xxxfb107

Foot - Web Channel



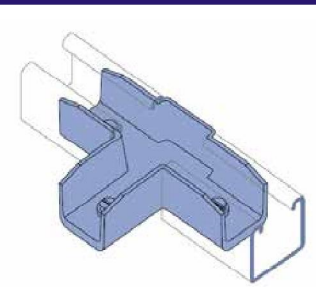
Code
U213

Elbow - Aluminium



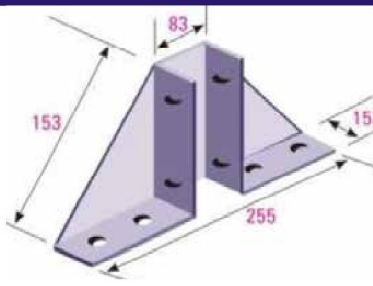
Code
UA033

T Junction - Aluminium



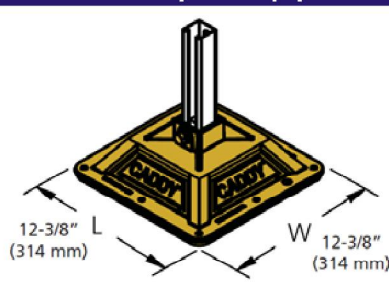
Code
UA044

Foot - Double Web Channel



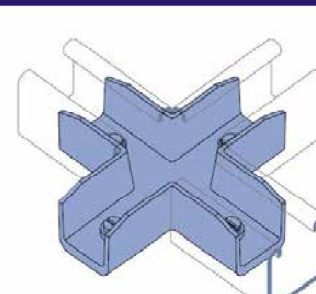
Code
U216

Roof Top Supports



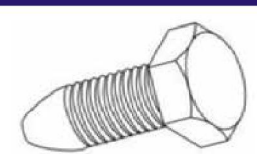
Related	Page
Full information	xxx

X Junction - Aluminium



Code
UA055

Cone Points



M10 x 40mm cone point hex head set pins for use with framing channel beam clamps. Grade 8.8 high tensile steel with a BZP finish to ISO 4042.

Code
U99

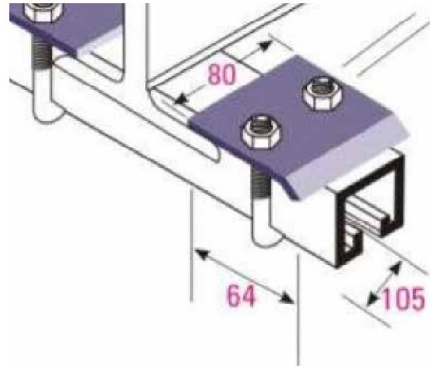
Square U Bolt Bracket

Bracket for clamping 41mm x 41mm framing channel to an RSJ with a max flange of 22mm.

Manufactured to BS6946 from 6mm gauge mild steel to EN1011. Hot dip galv finish to EN1460.

Square U bolt is BZP finish.

Code
U252



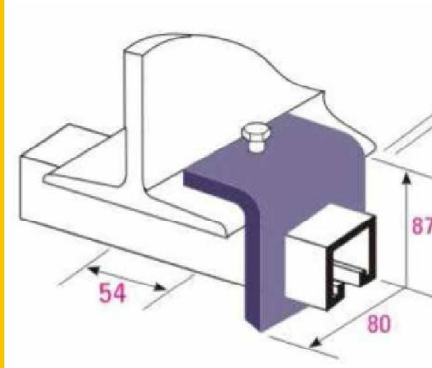
Window Bracket - Deep

Bracket for clamping 41mm x 41mm framing channel to an RSJ with a max flange of 22mm.

Manufactured to BS6946 from 6mm gauge mild steel to EN1011. Hot dip galv finish to EN1460.

Cone Point Pins are not included (page xx).

Code
U256



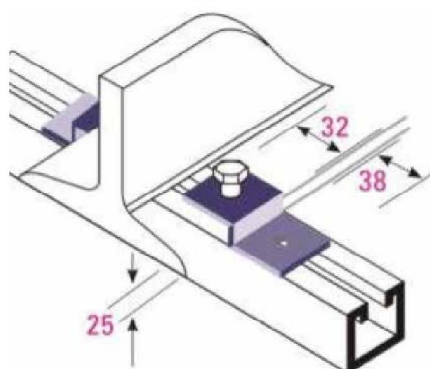
Z Clamp

Bracket for clamping any size of framing channel to an RSJ with a max flange of 22mm.

Manufactured to BS6946 from 6mm gauge mild steel to EN1011. Hot dip galv finish to EN1460.

Cone Point Pins are not included (page xx).

Related	Page(s)	Code
Channel Nuts	xxx	U253



Window Bracket - Shallow

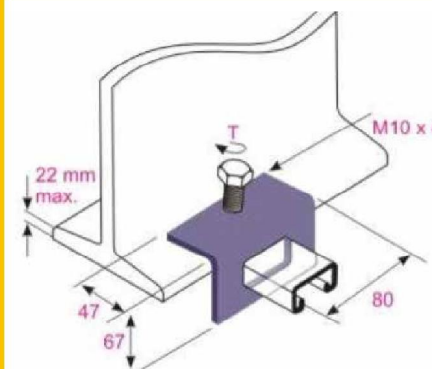
Bracket for clamping 41mm x 21mm framing channel to an RSJ with a max flange of 22mm.

Manufactured to BS6946 from 6mm gauge mild steel to EN1011.

Hot dip galv finish to EN1460.

Cone Point Pins are not included (page xx).

Code
U257



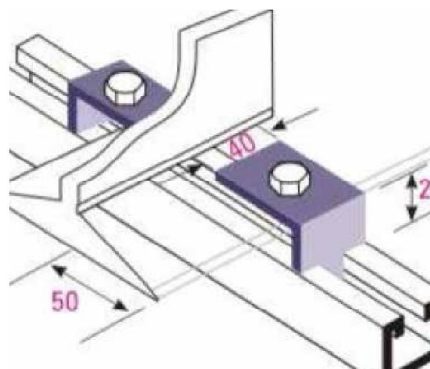
Bolt On Clamp

Bracket for clamping any size of framing channel to an RSJ with a max flange of 22mm.

Manufactured to BS6946 from 6mm gauge mild steel to EN1011. Hot dip galv finish to EN1460.

Cone Point Pins are not used with this item.

Related	Page(s)	Code
Channel Nuts	xxx	U251



Window Bracket - Double

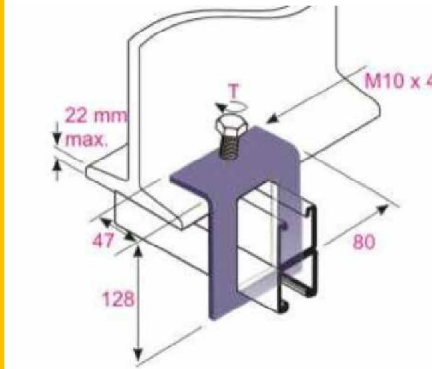
Bracket for clamping double 83mm framing channel to an RSJ with a max flange of 22mm.

Manufactured to BS6946 from 6mm gauge mild steel to EN1011.

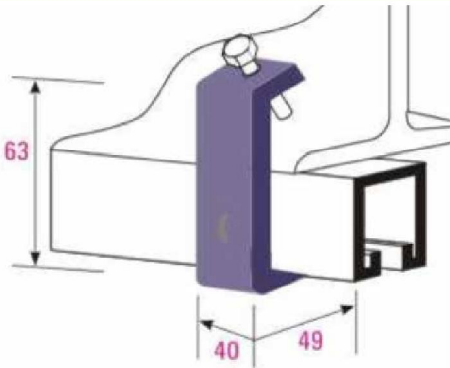
Hot dip galv finish to EN1460.

Cone Point Pins are not included (page xx).

Code
xxxbc002b



Longitudinal Clamp - Deep



Bracket for clamping 41mm x 41mm framing channel to an RSJ with a max flange of 22mm.

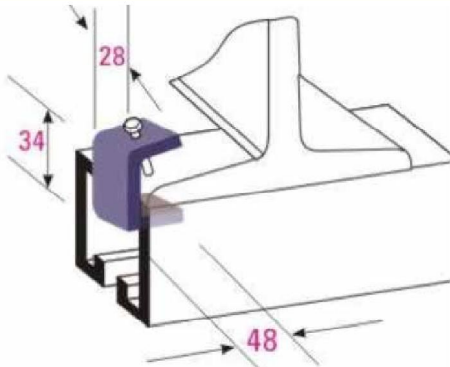
Manufactured to BS6946 from 6mm gauge mild steel to BSEN:1011.

Hot dip galv finish to EN1460.

Cone Point Pins are not included (page xx).

Code
U254

End Clamp



Bracket for clamping framing channel to an RSJ with a max flange thickness of 22mm.

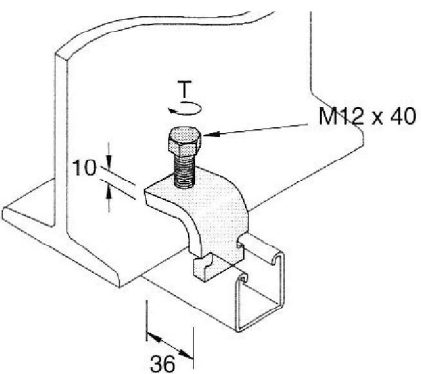
Manufactured to BS6946 from 6mm gauge mild steel to EN1011.

Hot dip galv finish to EN1460.

Cone Point Pins are not included (page xx).

Code
U255

Slide in Clamp



Bracket for clamping framing channel to an RSJ with a max flange of 22mm.

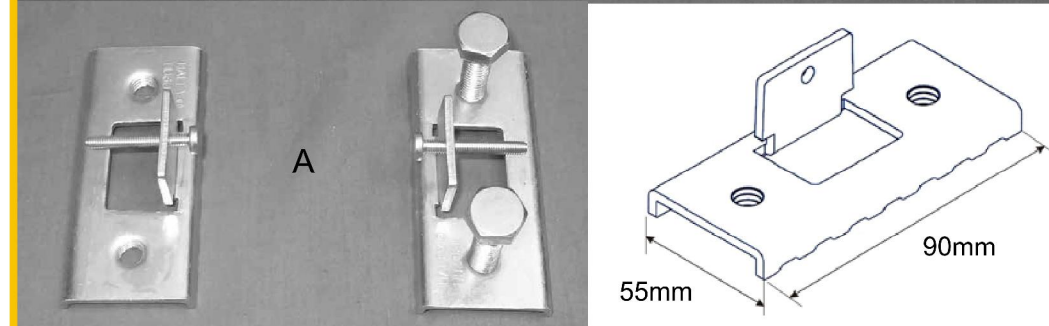
Manufactured to BS6946 from 10mm gauge mild steel to EN1011.

Hot dip galv finish to EN1460.

Cone Point Pins are included.

Code
U240A

RSJ Webbing



Clamp for creating webbing within an RSJ.

Max width 400mm. For use with 41 x 41mm plain framing channel (not included).

Manufactured in the UK from steel to EN10130:1999 and post zinc plated to BS1706-ZN2.

Cone Point Pins and all necessary fixings are included.

1 pack comes complete as shown in picture A.

Code
U308J

Long Spring - BZP



High quality framing channel nuts with a long spring.

BZP finish to BZP finish to ISO4042

Pack quantity is 25 No.

Size	Code
M6	UZ16
M8	UZ17
M10	UZ18
M12	UZ19

Long Spring - Hot Dip Galv



High quality framing channel nuts with a long spring.

Nut manufactured from mild steel (EN10025) and hot dip galvanized to 80 microns to ISO1461.

Pack quantity is 10 No.

Size	Code
M6	HDGUZ16
M8	HDGUZ17
M10	HDGUZ18
M12	HDGUZ19

Short Spring - BZP



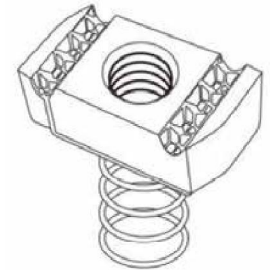
High quality framing channel nuts with a short spring.

BZP finish to BZP finish to ISO 4042

Pack quantity is 25 No.

Size	Code
M6	UZS16
M8	UZS17
M10	UZS18
M12	UZS19

Short Spring - Hot Dip Galv



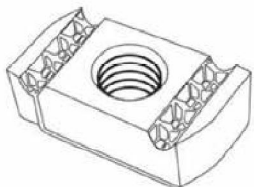
High quality framing channel nuts with a short spring.

Manufactured from mild steel (EN10025) and hot dip galvanized (80 microns) to ISO1461.

Pack quantity is 10 No.

Size	Code
M6	HDGUZS16
M8	HDGUZS17
M10	HDGUZS18
M12	HDGUZS19

Plain - BZP



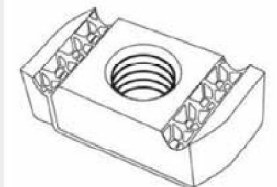
High quality framing channel nuts with a no spring.

BZP finish to BZP finish to ISO 4042

Pack quantity is 25 No.

Size	Code
M6	UZP16
M8	UZP17
M10	UZP18
M12	UZP19

Plain - Hot Dip Galv



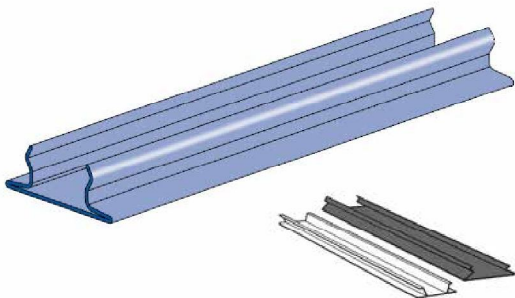
High quality framing channel nuts with a long spring.

Manufactured from mild steel (EN10025) and hot dip galvanized to 80 microns to ISO1461.

Pack quantity is 10 No.

Size	Code
M6	HDGUZP16
M8	HDGUZP17
M10	HDGUZP18
M12	HDGUZP19

Lid - PVC

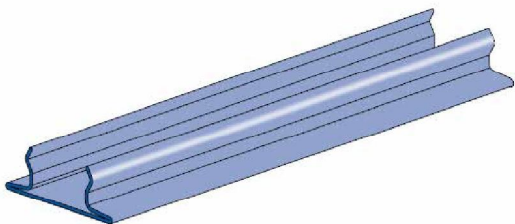


PVC clip in lid for framing channel in 3000mm lengths.

Available in two colours.

Colour	Code
White	U681W
Black	U680B

Lid - Steel - Pre Galv

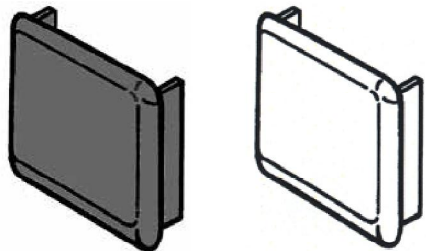


Steel clip in lid for framing channel in 3000mm lengths.

Pre galv finish to EN10326

Code
U685S

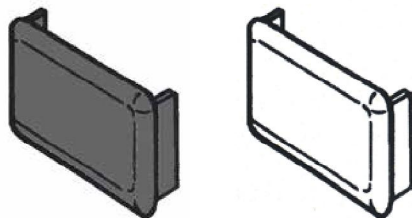
End Cap - Deep



Code
U64B

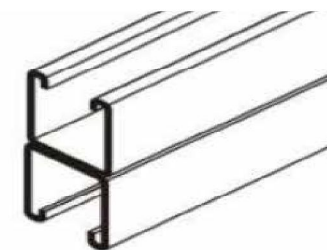
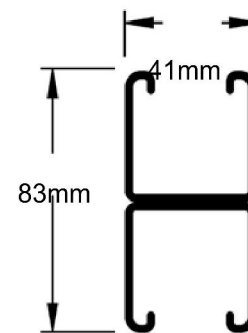
Code
U63W

End Cap - Shallow



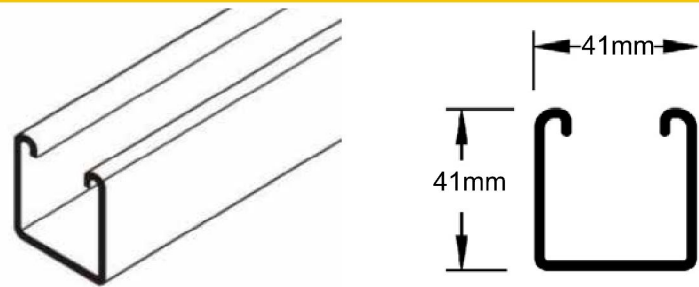
Code
U66B

Code
U65W



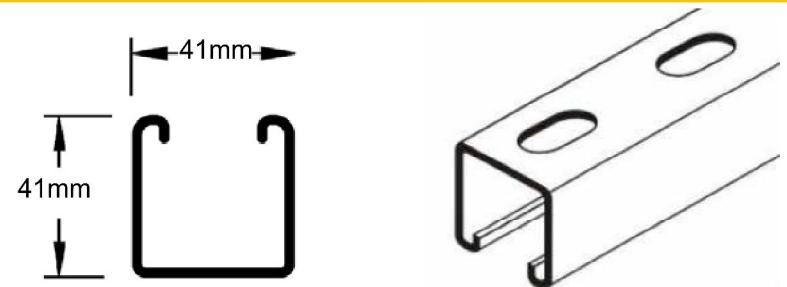
Beam Span or effective column length (m)	UDL limited by max stress (Kg)	Deflection at max UDL (mm)	UDL limited by deflection span/200 (kg)	UDL limited by deflection span/360 (kg)	Safe column load at centroid (kg)	Safe column load at face (kg)
0.50	2533	0.5	2533	2533	11610	2856
1.00	1267	2.1	1267	1267	10387	2720
1.50	844	4.8	844	731	7742	2432
2.00	633	8.6	633	411	5038	2033
2.50	507	13.4	473	263	3390	1671
3.00	422	19.3	329	183	0	0

Framing Channel - Safe Loading Data

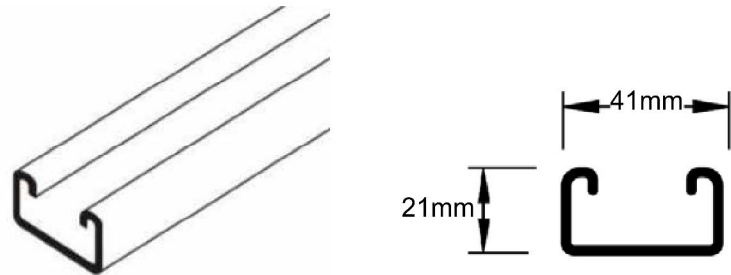


Beam Span or effective column length (m)	UDL limited by max stress (Kg)	Deflection at max UDL (mm)	UDL limited by deflection span/200 (kg)	UDL limited by deflection span/360 (kg)	Safe column load at centroid (kg)	Safe column load at face (kg)
0.50	904	1.0	904	904	5371	1583
1.00	452	3.9	452	326	3450	1257
1.50	301	8.7	260	145	2075	963
2.00	226	15.4	146	81	1460	781
2.50	181	24.1	94	52	0	0
3.00	151	34.7	65	36	0	0

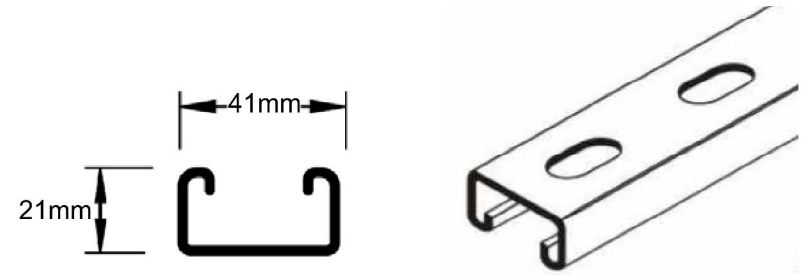
Framing Channel - Safe Loading Data



Beam Span or effective column length (m)	UDL limited by max stress (Kg)	Deflection at max UDL (mm)	UDL limited by deflection span/200 (kg)	UDL limited by deflection span/360 (kg)	Safe column load at centroid (kg)	Safe column load at face (kg)
0.50	813	1.03	813	813	4833	1424
1.00	406	4.1	406	280	2800	1131
1.50	271	9.4	234	132	1600	845
2.00	203	16.6	124	74	1114	650
2.50	162	26	80	47	0	0
3.00	136	37.8	55	30	0	0



Beam Span or effective column length (m)	UDL limited by max stress (Kg)	Deflection at max UDL (mm)	UDL limited by deflection span/200 (kg)	UDL limited by deflection span/360 (kg)	Safe column load at centroid (kg)	Safe column load at face (kg)
0.50	288	1.9	288	215	3406	949
1.00	144	7.4	97	54	1363	608
1.50	96	16.7	43	24	0	0
2.00	72	29.8	24	13	0	0
2.50	58	46.5	15	9	0	0
3.00	48	67.0	11	6	0	0



Beam Span or effective column length (m)	UDL limited by max stress (Kg)	Deflection at max UDL (mm)	UDL limited by deflection span/200 (kg)	UDL limited by deflection span/360 (kg)	Safe column load at centroid (kg)	Safe column load at face (kg)
0.50	265	2.1	265	178	2866	899
1.00	133	8.3	80	44	1122	549
1.50	88	18.7	35	20	0	0
2.00	66	33.2	20	11	0	0
2.50	53	51.9	13	7	0	0
3.00	44	74.8	9	5	0	0

