

Brackets - General Information

Material

Unless otherwise noted, all fittings are punch press formed from plate or strip steel.

Fitting Application

All product drawings illustrate only one application of each fitting. In most cases many other applications are possible.

The members shown in the illustrations are P1000, 41mm square, except where noted otherwise. All 14mm diameter holes use M12 x 24 hex head set screws and M12 nuts - P1010, P4010 or P5510 - depending on the channel used. Nuts and bolts are not included with the fitting and must be ordered separately.

Design Load Data

Loadings are as shown based on calculations in accordance with AS/NZS 4600 and AS 4100.

Design Bolt Torque

Refer to Engineering Data (See Page 118).

Finishes

All fittings in this section are Hot Dipped Galvanised to AS/NZS4680 unless otherwise shown.

Standard Dimensions

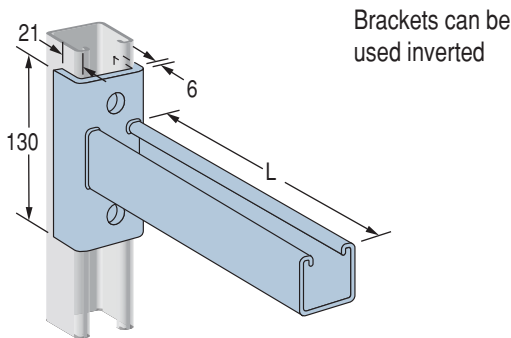
The following dimensions apply to all fittings except as noted on the individual part drawings:

- Hole Size - 14mm diameter
- Hole Spacing - 21mm from end
- Hole Spacing - 48mm on centre
- Width - 40mm
- Thickness - 6mm

Unistrut Systems

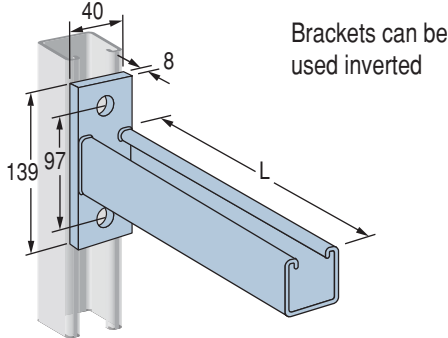
Brackets & Beam Clamps

P2233 & P2234



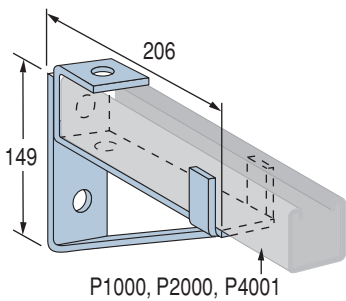
Part No.	L	Design Uniform Load - kN	Mass kg/100
P2233	457	3.14	189
P2234	610	1.97	232

P2663-250 to P2663-700



Part No.	L	Design Uniform Load - kN	Mass kg/100
P2663-250	250	3.01	102
P2663-400	400	1.88	143
P2663-550	550	1.36	186
P2663-700	700	1.06	229

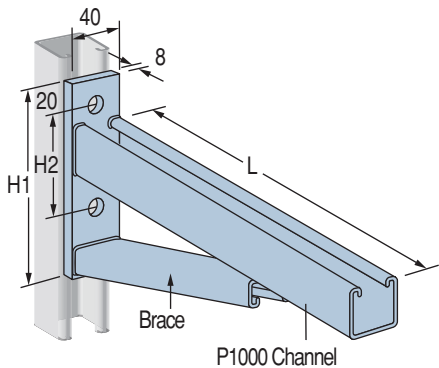
P1075-8



Part No.	Design Moment kNm	Mass kg/100
P1075-8	0.58	130

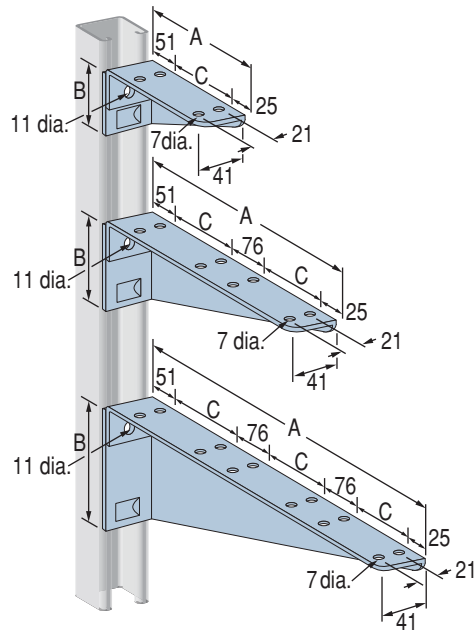
* Applies only to fittings and not to strength of Unistrut arm. Designed for use with "Unistrut" nuts, do not use through bolts.

PCL150 to PCL600



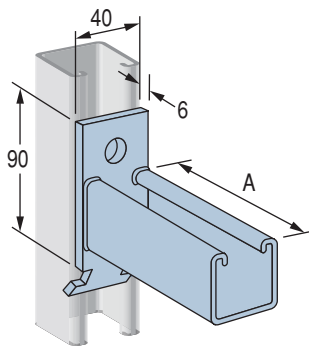
Part No.	L	H1	H2	Design Uniform Load kN	Mass kg/100
PCL150	320	165	86	4.47	170
PCL300	470	165	86	3.17	230
PCL450	635	215	112	3.33	340
PCL600	780	215	112	2.80	380

P2491R-L thru P2500R-L



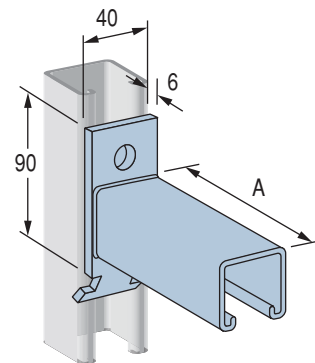
Part No.	A	B	C	Design Uniform Load kN	Mass kg/100
P2491R	152	56	76	1.57	30
P2491L	152	56	76	1.57	30
P2494R	305	87	76	1.37	69
P2494L	305	87	76	1.37	69
P2497R	457	125	152	1.01	121
P2497L	457	125	152	1.01	121
P2500R	610	164	127	0.98	182
P2500L	610	164	127	0.98	182

P2513 thru P2516



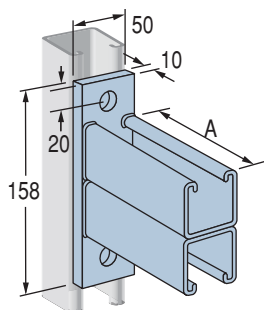
Part No.	A	Design Uniform Load kN	Mass kg/100
P2513	250	1.77	91
P2514	400	1.10	128
P2515	550	0.80	177
P2516	700	0.62	216

P2513A thru P2516A



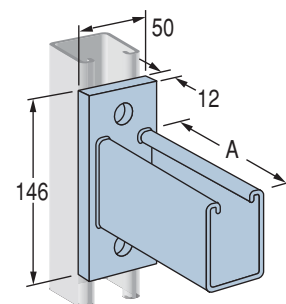
Part No.	A	Design Uniform Load kN	Mass kg/100
P2513A	250	1.77	91
P2514A	400	1.10	128
P2515A	550	0.80	177
P2516A	700	0.62	216

P2542 thru P2546



Part No.	A	Design Uniform Load kN	Mass kg/100
P2542	305	7.57	228
P2543	460	5.22	314
P2544	610	3.98	400
P2545	760	3.21	487
P2546	915	2.67	574

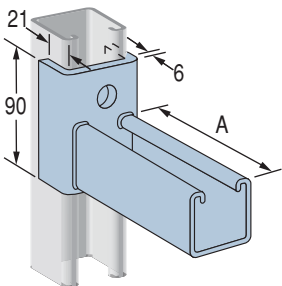
P5663-300 thru P5663-750



Part No.	A	Design Uniform Load kN	Mass kg/100
P5663-300	300	6.93	173
P5663-450	450	4.78	224
P5663-600	600	3.62	276
P5663-750	750	2.91	327

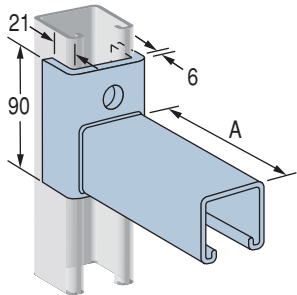
UNISTRUT - ADJUSTABLE BRACE FITTINGS & BRACKETS

P2231 & P2232



Part No.	A	Design Uniform Load kN	Mass kg/100
P2231	152	6.46	81
P2232	305	3.78	124

P2231A & P2232A



Part No.	A	Design Uniform Load kN	Mass kg/100
P2231A	152	6.46	81
P2232A	305	3.78	124

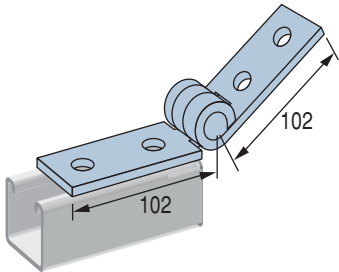
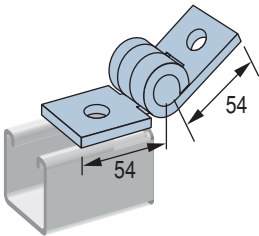
Unistrut Systems

P1843

Mass: 31kg/100

P1354

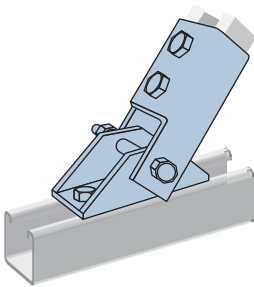
Mass: 49kg/100



Brackets & Beam Clamps

P2815

Mass: 139kg/100



P2815D

Mass: 26kg/100

