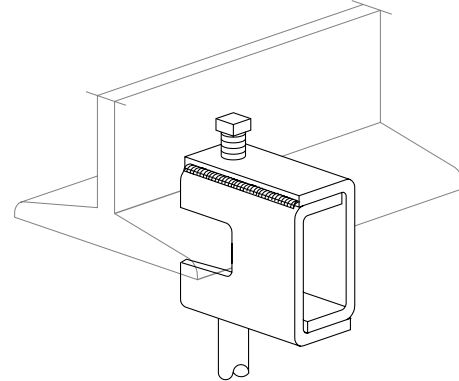
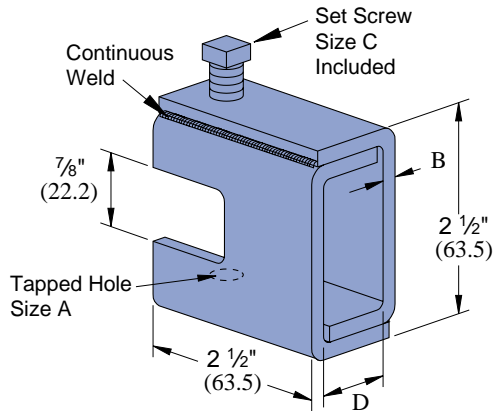


BEAM CLAMPS

FOR 1 5/8" (41 MM) WIDTH SERIES CHANNEL



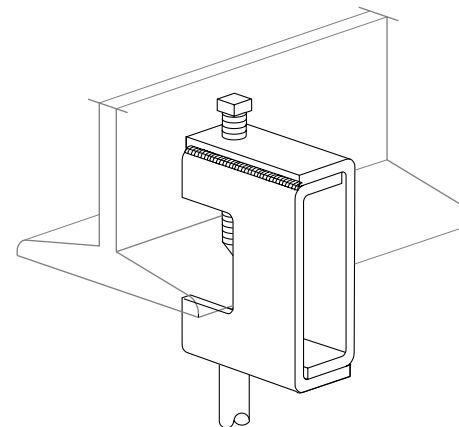
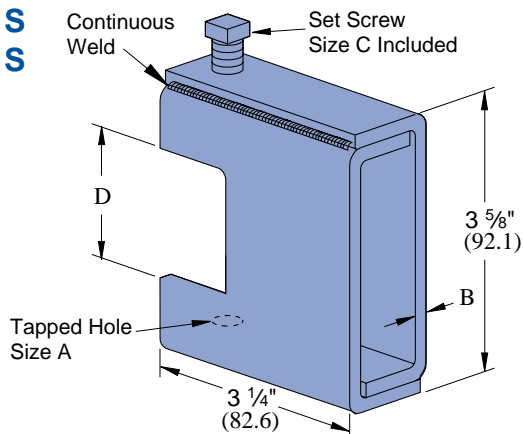
P1648 S thru P1653 S



For beams under 7/8" (22.2) thick flange.

Part Number	"A"		"B"		"C"		"D"		Weight/C		Design Load	
	In		In	mm	In		In	mm	Lbs	kg	Lbs	kN
P1648 S	1/4	- 20	1/8	3.2	3/8 x 1 1/2		7/8	22.2	67	30.4	650	2.9
P1649 S	5/16	- 18	1/8	3.2	3/8 x 1 1/2		7/8	22.2	67	30.4	650	2.9
P1649 AS	3/8	- 16	1/8	3.2	3/8 x 1 1/2		7/8	22.2	67	30.4	650	2.9
P1650 S	3/8	- 16	3/16	4.8	1/2 x 1 1/2		15/16	23.8	100	45.4	1100	4.9
P1650 AS	1/2	- 13	3/16	4.8	1/2 x 1 1/2		15/16	23.8	100	45.4	1100	4.9
P1651 S	1/2	- 13	1/4	6.4	1/2 x 1 1/2		15/16	23.8	130	59.0	1600	7.1
P1651 AS	5/8	- 11	1/4	6.4	1/2 x 1 1/2		15/16	23.8	130	59.0	1600	7.1
P1652 S	5/8	- 11	5/16	7.9	5/8 x 1 1/2		15/16	33.3	160	72.6	2400	10.7
P1653 S	3/4	- 10	5/16	7.9	5/8 x 1 1/2		15/16	33.3	160	72.6	2400	10.7

P2398 S P2401 S P2403 S



For beams between 3/4" (19.1) to 1 5/8" (41.3) thick flanges.

Part Number	"A"		"B"		"C"		"D"		Weight/C		Design Load	
	In		In	mm	In		In	mm	Lbs	kg	Lbs	kN
P2398 S	1/4	- 20	1/8	3.2	3/8 x 2		1 21/32	42.1	109	49.4	800	3.6
P2401 S	3/8	- 16	3/16	4.8	1/2 x 2		1 11/16	42.9	156	70.8	1300	5.8
P2403 S	1/2	- 13	1/4	6.4	1/2 x 2		1 11/16	42.9	201	91.2	1900	8.5

GENERAL FITTINGS

FOR 1 5/8" (41 MM) WIDTH SERIES CHANNEL



1 5/8"
Channels

Nuts &
Hardware

General
Fittings

Pipe/Conduit
Supports

Electrical
Fittings

Concrete
Inserts

1 1/4" Framing
System

1 3/16" Framing
System

Spec. Metals
& Fiberglass

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MATERIAL

Fittings, unless noted, are made from hot-rolled, pickled and oiled steel plates, strip or coil, and conform to ASTM specifications A575, A576, A635, or A36. The fitting steel also meets the physical requirements of ASTM A570 GR 33. The pickling of the steel produces a smooth surface free from scale.

Many fittings are also available in stainless steel, aluminum and fiberglass. Consult factory for ordering information.

FINISHES

Fittings are available in: Perma-Green II (GR), electro-galvanized

(EG), conforming to ASTM B633 Type III SC1; Hot-dipped galvanized (HG), conforming to ASTM A123 or A153 and plain (PL).

APPLICATION

All parts drawings illustrate only one application of each fitting. In most cases many other applications are possible. The channels shown in the illustrations are P1000, 1 5/8" square, except where noted otherwise. All 1/16" diameter holes use 1/2" x 1 5/16" hex head cap screws and 1/2" 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 BOLT TORQUE

BOLT SIZE	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
FOOT LBS.	20	18	16	13	11	10
N·m	6	11	19	50	100	125

DIMENSIONS

Imperial dimensions are illustrated in inches. Metric dimensions are shown in parenthesis or as noted. Unless noted, all metric dimensions are in millimeters and rounded to one decimal place.

DESIGN LOAD

Design load data, where shown, is based on the ultimate strength of the connection with a safety factor of 2.5, unless otherwise noted.