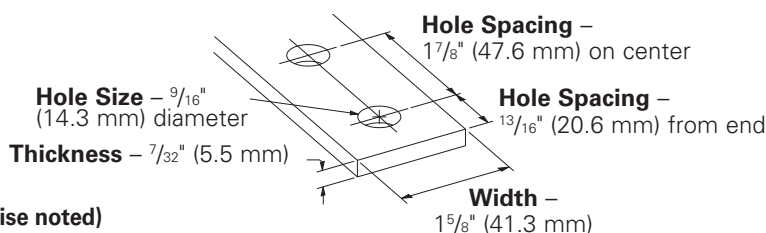




This section offers a full selection of fittings and accessories to complete our strut system. Fittings are made from hot rolled, pickled and oiled plate or strip steel in accordance with ASTM A1018 33,000 PSI min. yield, unless noted.

Dimensions

The following dimensions apply to all fittings except as noted:



Materials & Finishes (Unless otherwise noted)

Finish Code	Finish	Specification
PLN	Plain	ASTM A1018 33,000 PSI min. yield
ZN	Electro-Plated Zinc	ASTM B633 SC3 Type III or ASTM A653
GRN	DURA GREEN™	
HDG	Hot-Dipped Galvanized	ASTM A123
SS4	Stainless Steel Type 304	ASTM A240
SS6	Stainless Steel Type 316	ASTM A240
AL	Aluminum	ASTM B209

Note: A minimum order may apply on special material and finishes.

Hardware

Nuts and bolts are not included with the fittings and must be ordered separately, unless noted.

Pre-Assembled Fittings

Some fittings are available with hex head cap screws and channel nuts pre-assembled. These fittings and finishes will be flagged using the following symbol.



Metric

Metric dimensions are shown in parentheses. Unless noted, all metric dimensions are in millimeters.

Load Data

The load data published includes safety factor of 2.5 when used with 12 ga. (2.6) channel safety factor = ratio of ultimate load to the design load).

Use 1/2"-13 x 7/8" hex head cap screws and 1/2"-13 (N225 or TN225) channel nuts for the rated results.

Note: See page 277 Design Load Data for typical channel - fitting connections.

Recommended Bolt Torque

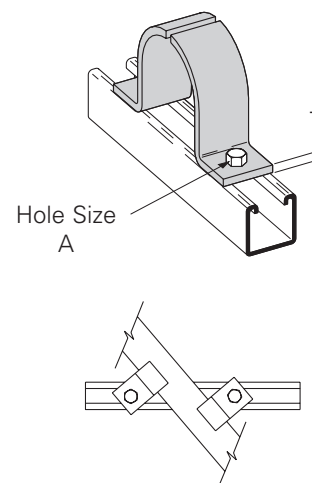
Bolt Size	1/4"-20	5/16"-18	3/8"-16	1/2"-13
Foot/Lbs.	6	11	19	50
Nm	8	15	26	68

See chart on page 154 for setscrew torque.

B437 Series Two Piece Pipe Clamp

- Clamp halves can turn allowing pipe to be fastened to channel at any direction
- Order hardware separately
- Standard finish: ZN

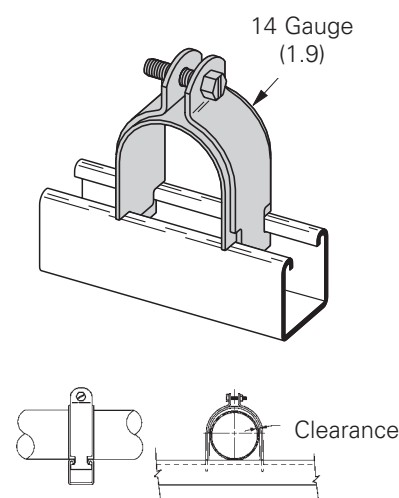
Part No.	Pipe Size In. mm	A In. mm	T In. mm	Wt./C Lbs. kg
B437-1/2	1/2" (15)	5/16" (7.9)	10 Ga. (3.4)	22 (10.0)
B437-3/4	3/4" (20)	5/16" (7.9)	10 Ga. (3.4)	26 (11.8)
B437-1	1" (25)	5/16" (7.9)	10 Ga. (3.4)	30 (13.6)
B437-1 1/4	1 1/4" (32)	5/16" (7.9)	10 Ga. (3.4)	35 (15.9)
B437-1 1/2	1 1/2" (40)	5/16" (7.9)	10 Ga. (3.4)	38 (17.2)
B437-2	2" (50)	7/16" (11.1)	1/4" (6.3)	91 (41.3)
B437-2 1/2	2 1/2" (65)	7/16" (11.1)	1/4" (6.3)	104 (47.2)
B437-3	3" (80)	7/16" (11.1)	1/4" (6.3)	130 (58.9)
B437-3 1/2	3 1/2" (90)	7/16" (11.1)	1/4" (6.3)	149 (67.6)
B437-4	4" (100)	9/16" (11.1)	1/4" (6.3)	158 (71.6)
B437-5	5" (125)	9/16" (11.1)	1/4" (6.3)	190 (86.2)
B437-6	6" (150)	9/16" (11.1)	1/4" (6.3)	217 (98.4)
B437-8	8" (200)	9/16" (11.1)	1/4" (6.3)	295 (133.8)



B2417 Strut Mounted Pipe Guide

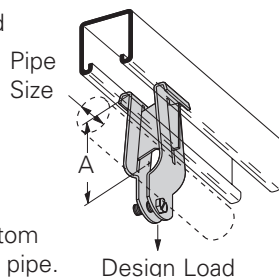
- Copper tubing sizes available - B2417CT Series
- Standard finish: ZN

Part No.	Pipe Size In. mm	Minimum Radial Clearance In. mm	Includes Clamp No.	Wt./C Lbs. kg
B2417-1/2	1/2" (15)	1/16" (1.6)	B2009	22 (10.0)
B2417-3/4	3/4" (20)	1/16" (1.6)	B2010	25 (11.3)
B2417-1	1" (25)	3/32" (2.3)	B2034	30 (13.6)
B2417-1 1/4	1 1/4" (32)	3/32" (2.3)	B2037	47 (21.8)
B2417-1 1/2	1 1/2" (40)	3/32" (2.3)	B2039	51 (23.1)
B2417-2	2" (50)	1/8" (3.2)	B2043	62 (28.1)
B2417-2 1/2	2 1/2" (65)	1/8" (3.2)	B2047	69 (31.3)
B2417-3	3" (80)	5/32" (3.9)	B2016	108 (49.0)
B2417-3 1/2	3 1/2" (90)	5/32" (3.9)	B2017	118 (53.5)
B2417-4	4" (100)	5/32" (3.9)	B2018	128 (58.0)



B2070 thru B2080 Parallel Pipe Clamp

- Safety Factor of 2
- Designed to support pipe or rigid conduit
- Includes:
 - 1 pr. pipe clamps
 - 1 pc. stand off plate
 - 1 pc. flotted hex head machine screws
 - 1 pc. Square Nut
- Standard finish: ZN



A dimension, from bottom of channel to center of pipe.

Part No.	Pipe Size In. mm	A In. mm	Material Thickness In. mm	Design Load Lbs. kN	Wt./C Lbs. kg
B2070	3/8" (10)	1 11/16" (42.9)	16 Ga. (1.5)	300 (1.33)	24 (10.9)
B2071	1/2" (15)	1 3/4" (44.4)	16 Ga. (1.5)	300 (1.33)	26 (11.8)
B2072	3/4" (20)	1 7/8" (47.6)	14 Ga. (1.9)	300 (1.33)	30 (13.6)
B2073	1" (25)	2" (50.8)	14 Ga. (1.9)	400 (1.78)	33 (14.9)
B2074	1 1/4" (32)	2 3/16" (55.6)	14 Ga. (1.9)	400 (1.78)	36 (16.3)
B2075	1 1/2" (40)	2 5/16" (58.7)	12 Ga. (2.6)	500 (2.22)	50 (22.7)
B2076	2" (50)	2 9/16" (65.1)	12 Ga. (2.6)	500 (2.22)	55 (24.9)
B2077	2 1/2" (65)	2 7/8" (73.0)	12 Ga. (2.6)	500 (2.22)	60 (27.2)
B2078	3" (80)	3 3/16" (80.9)	12 Ga. (2.6)	500 (2.22)	66 (29.9)
B2079	3 1/2" (90)	3 7/16" (87.3)	11 Ga. (3.0)	500 (2.22)	85 (38.5)
B2080	4" (100)	3 5/8" (92.1)	11 Ga. (3.0)	500 (2.22)	95 (43.1)

Reference page 168 for general fitting and standard finish specifications.