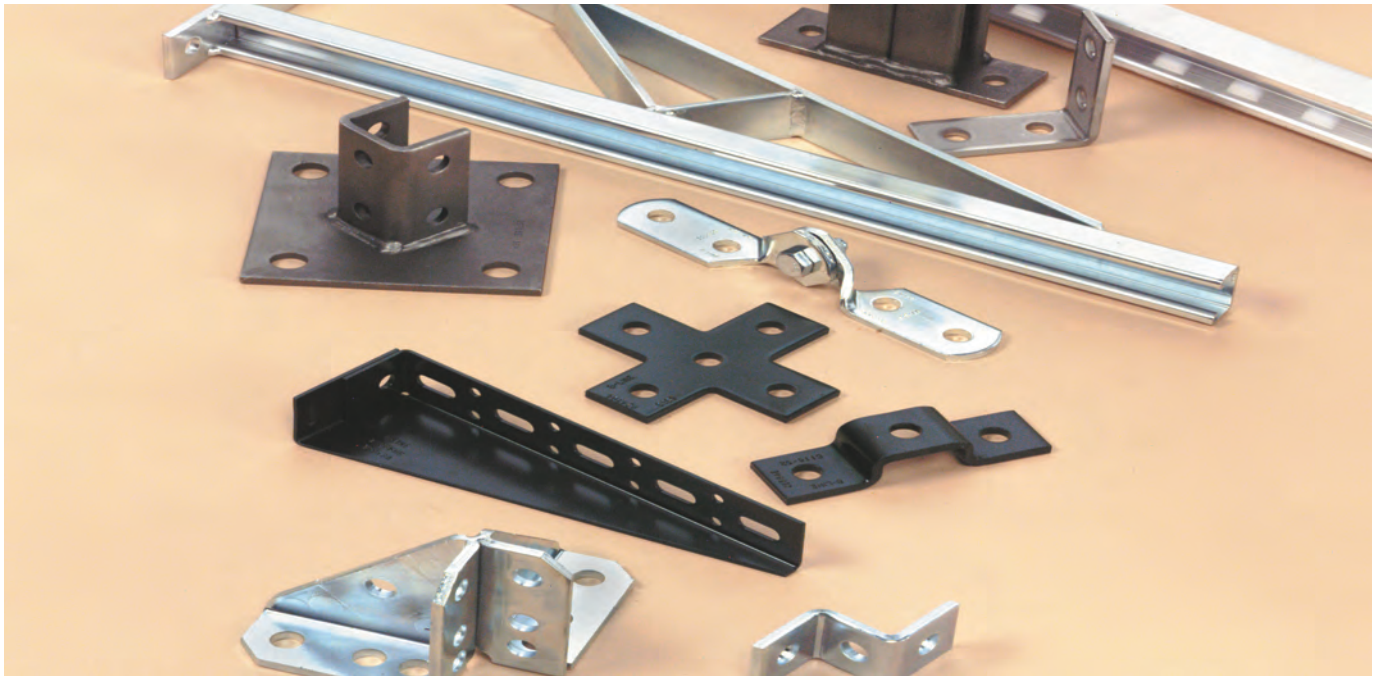


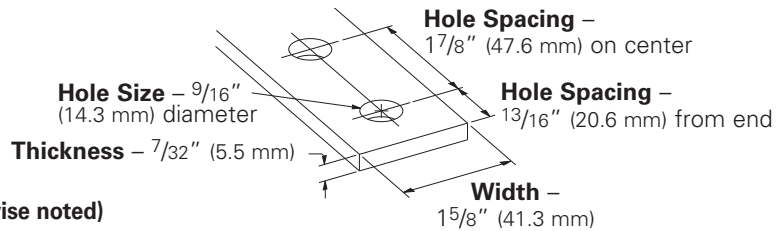
# Fittings



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.



**PA** <sup>ZN</sup>  
GRN

## 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.

## 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 113 for setscrew torque.

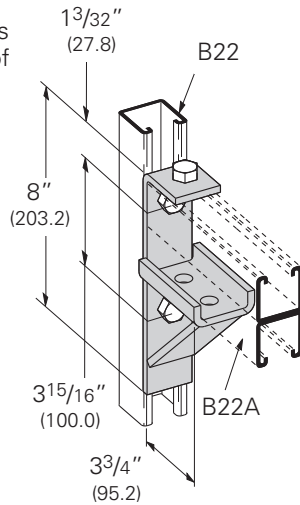
## 4Dimension™ Strut System Compatible

These fittings and finishes will be flagged using the following symbol.



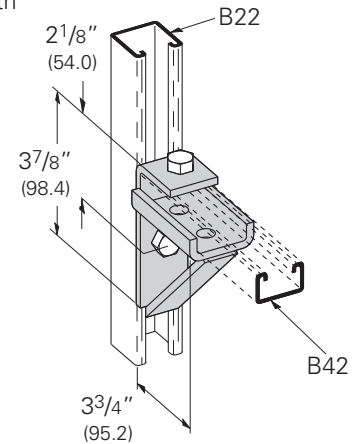
## B370 Bracket for B22A & B11

- Safety Factor of 2.5
- 13000 In.-Lbs (1469 N•m) applies to fitting only, not to strength of strut arm
- Refer to pages 23 & 24 for strut loading data
- Standard finishes: ZN, GRN
- Wt./C 266 Lbs. (120.6 kg)



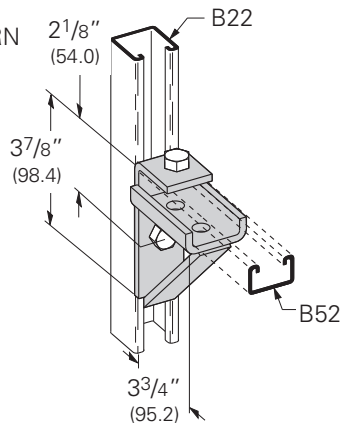
## B195 Bracket for B42

- Safety Factor of 2.5
- 2500 In.-Lbs (282 N•m) applies to fitting only, not to strength of strut arm
- Refer to pages 23, 24 & 32 for strut loading data
- Standard finishes: ZN, GRN
- Wt./C 174 Lbs. (78.9 kg)



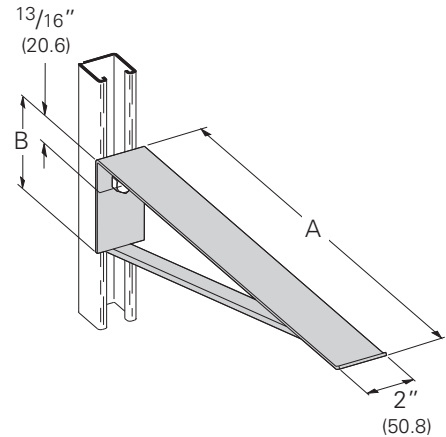
## B440 Bracket for B52 & B54

- Safety Factor of 2.5
- 2000 In.-Lbs (226 N•m) applies to fitting only, not to strength of strut arm
- Refer to page 23, 24 & 34 for strut loading data
- Standard finishes: ZN, GRN
- Wt./C 177 Lbs. (80.3 kg)



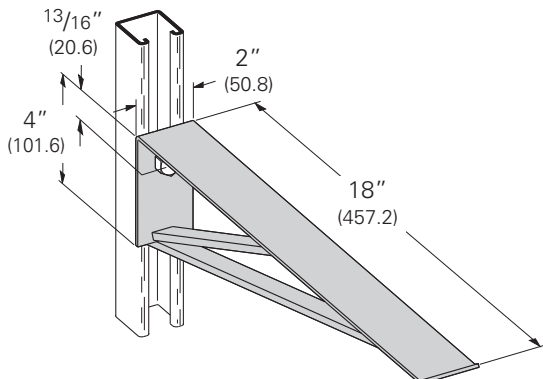
## B449-4, 8 & 12 Cable Saddle Bracket

- Safety Factor of 2.5
- Material: 11 Gauge (3.0) ASTM A1011 HSLAS Gr. 50
- Standard finishes: ZN, GRN



## B449-18 18" (457.2) Cable Saddle Bracket

- Safety Factor of 2.5
- Uniform Load 960 Lbs. (4.17 kN)
- Material: 11 Gauge (3.0) ASTM A1011 HSLAS Gr. 50
- Standard finishes: ZN, GRN
- Wt./C 312 Lbs. (141.5 kg)



Part No.	A		B		Uniform Load		Wt./C	
	In.	mm	In.	mm	Lbs.	kN	Lbs.	kg
B449-4	4 1/2"	(114.3)	2 3/8"	(60.3)	2400	(10.67)	74	(33.5)
B449-8	8 1/2"	(215.9)	2 3/8"	(60.3)	1270	(5.65)	124	(56.2)
B449-12	12 1/2"	(317.5)	4"	(101.6)	860	(3.82)	184	(83.4)

4Dimension compatible fitting

Reference page 73 for general fitting and standard finish specifications.