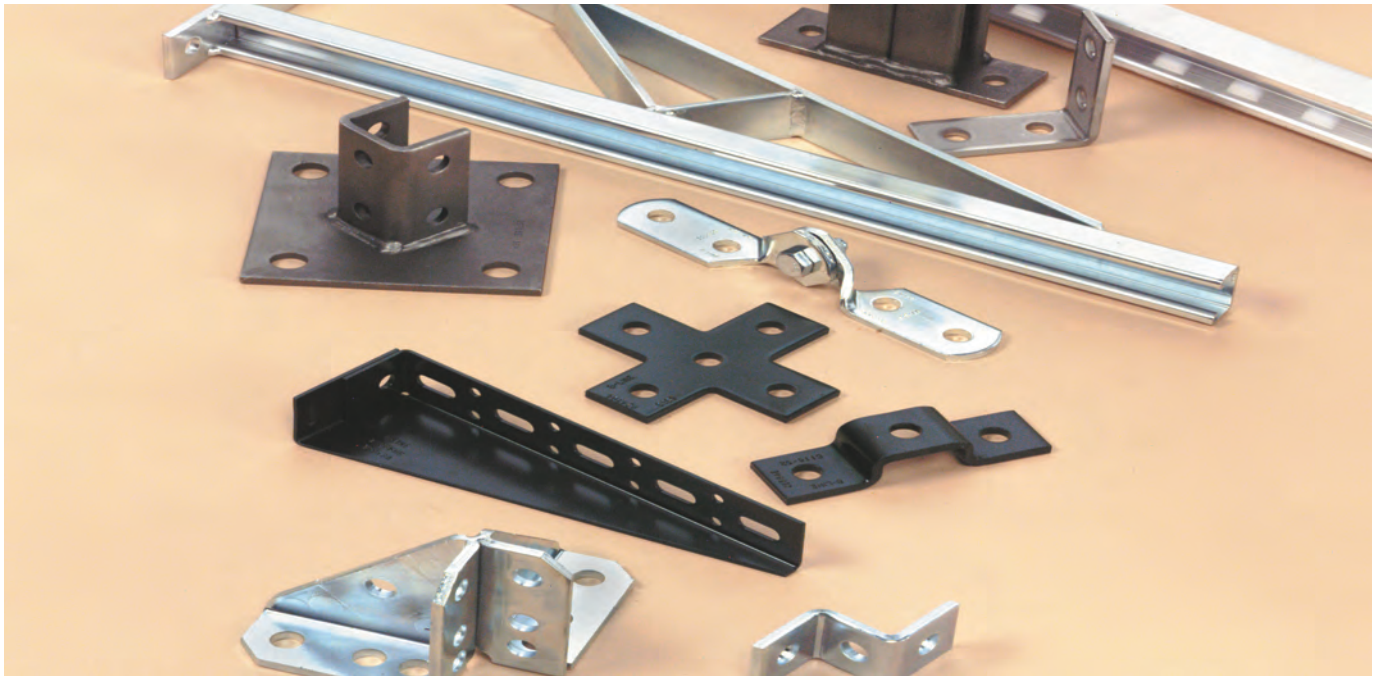


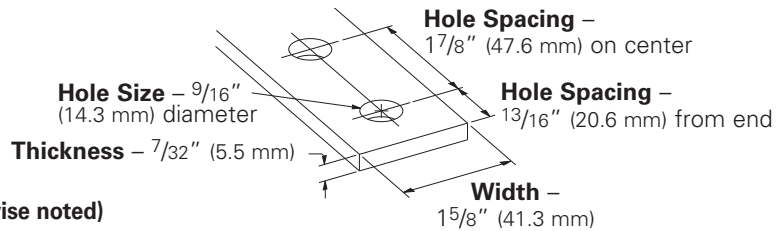
Fittings



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 ^{ZN}
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

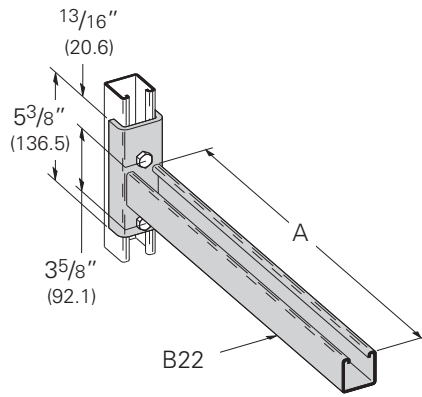
These fittings and finishes will be flagged using the following symbol.



Brackets

B196 Channel Clevis Bracket

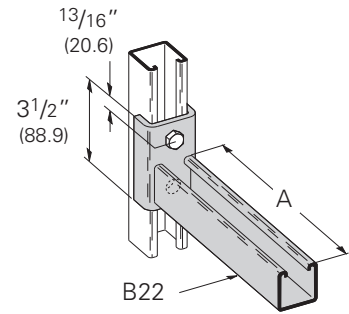
- Safety Factor of 2.5
- Standard finishes: ZN, GRN



Part No.	A		Uniform Load		Wt./C	
	In.	mm	Lbs.	kN	Lbs.	kg
B196-18	18"	(457.2)	600	(2.67)	430	(195.0)
B196-24	24"	(609.6)	450	(2.00)	510	(231.3)

B198 Channel Clevis Bracket

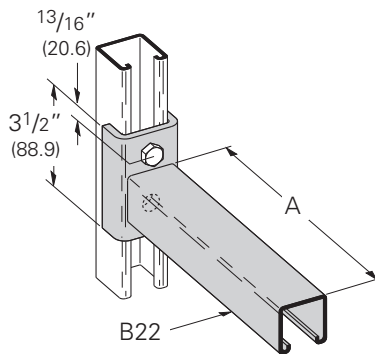
- Safety Factor of 2.5
- Standard finishes: ZN, GRN



Part No.	A		Uniform Load		Wt./C	
	In.	mm	Lbs.	kN	Lbs.	kg
B198-6	6"	(152.4)	1600	(7.12)	185	(83.9)
B198-12	12"	(304.8)	800	(3.56)	284	(128.8)

B198A Channel Clevis Bracket

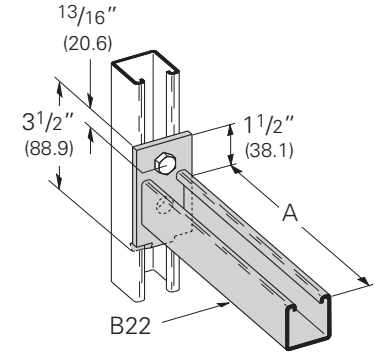
- Safety Factor of 2.5
- Standard finishes: ZN, GRN



Part No.	A		Uniform Load		Wt./C	
	In.	mm	Lbs.	kN	Lbs.	kg
B198A-6	6"	(152.4)	1600	(7.12)	185	(83.9)
B198A-12	12"	(304.8)	800	(3.56)	284	(128.8)

B293 Channel Bracket

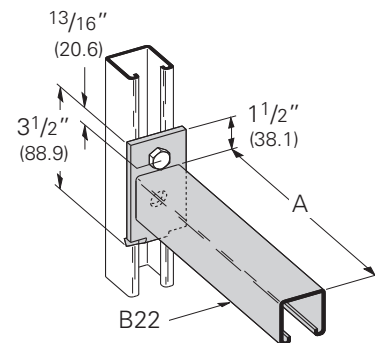
- Safety Factor of 2.5
- Standard finishes: ZN, GRN



Part No.	A		Uniform Load		Wt./C	
	In.	mm	Lbs.	kN	Lbs.	kg
B293-6	6"	(152.4)	1200	(5.34)	144	(65.3)
B293-12	12"	(304.8)	600	(2.67)	252	(114.3)
B293-18	18"	(457.2)	400	(1.78)	340	(154.2)
B293-24	24"	(609.6)	300	(1.33)	412	(186.9)

B293A Channel Bracket

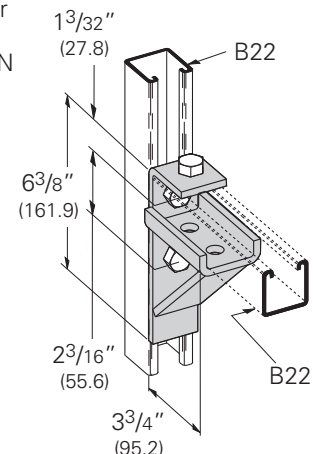
- Safety Factor of 2.5
- Standard finishes: ZN, GRN



Part No.	A		Uniform Load		Wt./C	
	In.	mm	Lbs.	kN	Lbs.	kg
B293A-6	6"	(152.4)	1200	(5.34)	144	(65.3)
B293A-12	12"	(304.8)	600	(2.67)	252	(114.3)
B293A-18	18"	(457.2)	400	(1.78)	340	(154.2)
B293A-24	24"	(609.6)	300	(1.33)	412	(186.9)

B194 Bracket for B22 & B24

- Safety Factor of 2.5
- 6300 In.-Lbs (712 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 210 Lbs. (95.2 kg)



Reference page 73 for general fitting and standard finish specifications.