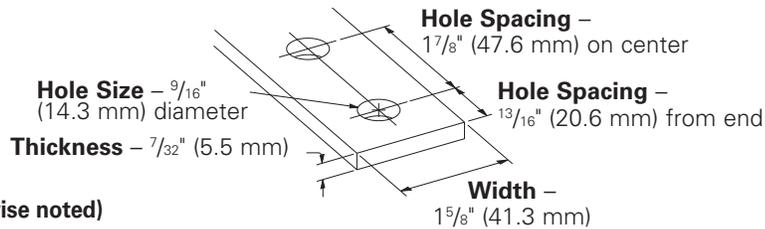




This section offers a full selection of fittings and accessories to complete our strut system. Fittings are made from hot rolled, pickled and oiled plate or strip steel in accordance with ASTM A1018 33,000 PSI min. yield, unless noted.

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 $\frac{1}{2}$ "-13 x $\frac{7}{8}$ " hex head cap screws and $\frac{1}{2}$ "-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	$\frac{1}{4}$ "-20	$\frac{5}{16}$ "-18	$\frac{3}{8}$ "-16	$\frac{1}{2}$ "-13
Foot/Lbs.	6	11	19	50
Nm	8	15	26	68

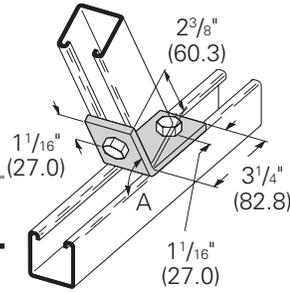
See chart on page 154 for setscrew torque.

Angular fittings

B147-B152 Two Hole Open Angle

- Standard finishes: ZN, GRN

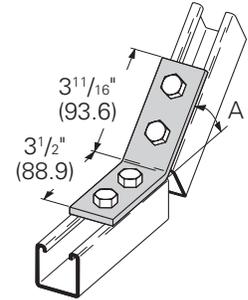
Part No.	A	Wt./C	
		Lbs.	kg
B147	82½°	63	(28.6)
B148	75°		
B149	67½°		
B150	60°		
B151	52½°		
B152	37½°		



B243-B253 Four Hole Open Angle

- Standard finishes: ZN, GRN

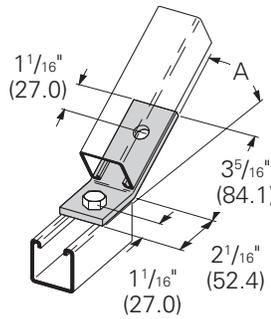
Part No.	A	Wt./C	
		Lbs.	kg
B243	7½°	77	(34.9)
B244	15°		
B245	22½°		
B246	30°		
B247	37½°		
B248	45°		
B249	52½°		
B250	60°		
B251	67½°		
B252	75°		
B253	82½°		



B162-B165 Two Hole Open Short Angle

- Standard finishes: ZN, GRN

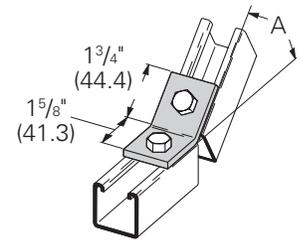
Part No.	A	Wt./C	
		Lbs.	kg
B162	30°	59	(26.7)
B163	22½°		
B164	15°		
B165	7½°		



B322-B332 Two Hole Open Short Angle

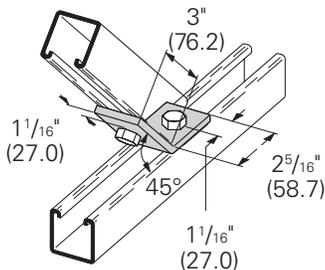
- Standard finishes: ZN, GRN

Part No.	A	Wt./C	
		Lbs.	kg
B322	7½°	35	(15.9)
B323	15°		
B324	22½°		
B325	30°		
B326	37½°		
B327	45°		
B328	52½°		
B329	60°		
B330	67½°		
B331	75°		
B332	82½°		



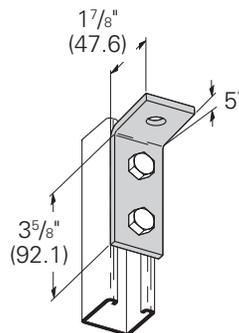
B154 Two Hole Open Angle

- Standard finishes: ZN, GRN, SS4
- Wt./C 58 Lbs. (26.3 kg)



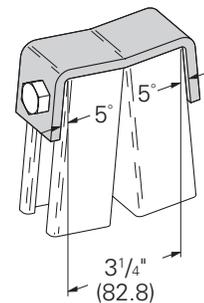
B522 Three Hole 95° Open Angle Fitting

- Standard finishes: ZN, GRN
- Wt./C 54 Lbs. (24.5 kg)



B488 Two Hole Leg Connection

- Standard finishes: ZN, GRN
- Wt./C 100 Lbs. (45.3 kg)



Reference page 106 for general fitting and standard finish specifications.