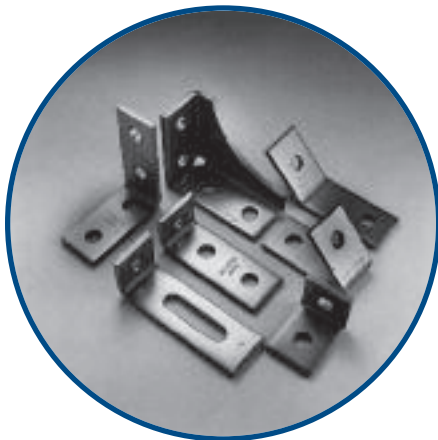


Fittings and Brackets



Material

Superstrut® fittings and brackets are manufactured from hot rolled carbon steel.

Dimensions

The following standard dimensions apply to all fittings except as indicated on the individual drawings.

Hole spacing	13/16 in. from end of fittings
Hole spacing	1-7/8 in. centers
Hole size	9/16 in. diameter
Material	1-5/8 in. wide
Material	1/4 in. thick

Application Instructions

Parts drawings illustrate a typical use for the fitting, and in many cases other uses for the part are appropriate.

Design Data

Load ratings vary depending fittings and brackets are used with 12, 14 or 16 gauge channel. Ratings are shown for each channel material. (See page A57 for Engineering Data and Specifications).

Nuts and Bolts Required

Unless otherwise noted, nuts and bolts for use with fittings and brackets should be ordered separately.

The standard bolt for the 9/16 in. hole is a 1/2 in. hex head cap screw 1 in. long. The 1 in. length may be used with all Series channel.

Design Load

For more information on design load, see page A57 Engineering Data and Specifications.

Finishes and Special Materials

Standard finishes are Hot Dipped Galvanized (HDGC) and GoldGalv® (no suffix). Fittings are also available in ElectroGalvanized (EG) and Stainless Steel 316 (SS6C). Contact your Regional Sales Office for availability and minimum quantities.

Aluminum channel

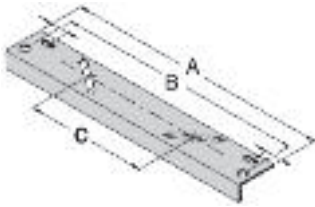
For Aluminum channel, we suggest fittings in HDG (C) or SS6 (C).

Fittings and Brackets

Brackets

S202

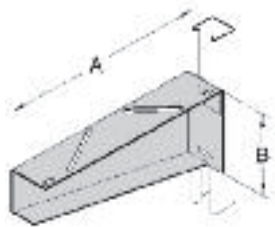
- *Finishes
- HDG



Cat. No.	A (in.)	B (in.)	C (in.)	Wt./C lb.
S202-6*	6	5	—	75
S202-9*	9	8	2	100
S202-15*	15	14	8	175
S202-21*	21	20	14	250
S202-27*	27	26	20	325
S202-33*	33	32	26	400

S203

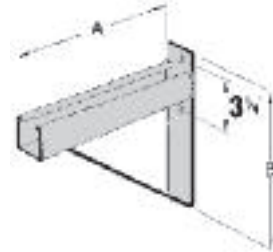
- *Finishes
- HDG



Cat. No.	A (in.)	B (in.)	Design Load/lb.	Wt./C lb.
S203-8*	8-1/2	4-1/16	1200	180
S203-14*	14-1/2	5-3/8		325
S203-20*	20-1/2	6-11/16		525
S203-26*	26-1/2	8		675
S203-32*	32-1/2	8		840
S203-38*	38-1/2	8		1050

S249

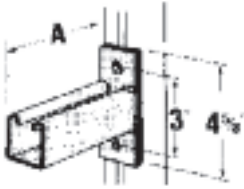
- *Finishes
- HDG
 - SS6C



Cat. No.	A (in.)	B (in.)	Design Load/lb.	Wt./C lb.
S249-8*	8-1/2	8	1500	320
S249-14*	14-1/2	9		520
S249-20*	20-1/2	9		660
S249-26*	26-1/2	11-1/2		870
S249-32*	32-1/2	11-1/2		1030
S249-38*	38-1/2	11-1/2		1230

S250

- *Finishes
- HDG
 - SS6C

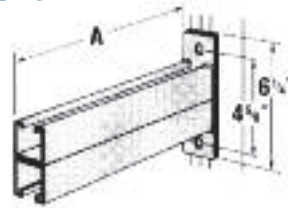


Cat. No.	A (in.)	Design Load/lb.	Wt./C lb.
S250-6*	6	1500	150
S250-8*	8-1/2	1500	150
S250-12*	12	800	250
S250-14*	14-1/2	800	250
S250-18*	18	550	350
S250-20*	20-1/2	550	350
S250-24*	24	400	450
S250-26*	26-1/2	400	450

May be installed inverted with no change in load ratings.

S251

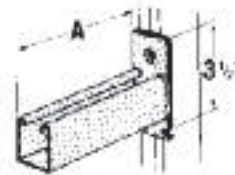
- *Finishes
- HDG
 - SS6C



Cat. No.	A (in.)	Design Load/lb.	Wt./C lb.
S251-12*	12	1650	514
S251-14*	14-1/2	1650	514
S251-18*	18	1050	714
S251-20*	20-1/2	1050	714
S251-24*	24	800	914
S251-26*	26-1/2	800	914
S251-30*	30	650	1114
S251-32*	32-1/2	650	1114
S251-36*	36	500	1314
S251-38*	38-1/2	500	1314

S256

- *Finishes
- HDG
 - SS6C

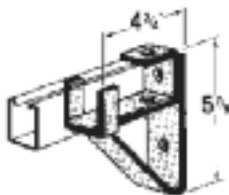


Cat. No.	A (in.)	Design Load/lb.	Wt./C lb.
S256-6*	6	1000	151
S256-8*	8-1/2	1000	151
S256-12*	12	500	251
S256-14*	14-1/2	500	251
S256-18*	18	300	351
S256-20*	20-1/2	300	351
S256-24*	24	250	451
S256-26*	26-1/2	250	451

When installed in inverted position reduce load rating 40%.

S247

- S247HDG
S247
S247SS6

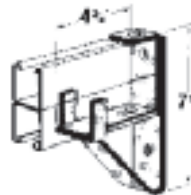


Design Moment
(channel upright as shown)
When Supported By
A-1200 5250 inch lb.
A-1400 3650 inch lb.

Applies to fitting only, not to the arm.

S248

- S248HDGC
S248



Design Moment
(channel upright as shown)
When Supported By
A-1202 10 800 inch lb.
A-1402 7550 inch lb.

Applies to fitting only, not to the arm.

Standard Dimensions

Hole Spacing
Hole Spacing
Hole Size
Material
Material

13/16 in. From End
1-7/8 in. Centers
9/16 in. Diam.
1-5/8 in. Width
1/4 in. Thick

Materials

HDG(C)
EG(C)
(No suffix)
SS6(C)

Hot-Dipped Galvanized
ElectroGalvanized
GoldGalv®
Stainless Steel 316