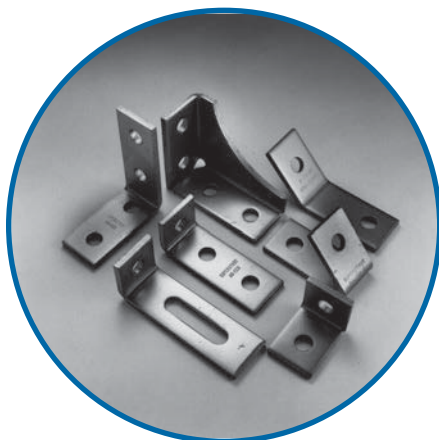


## Fittings and Brackets



### 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

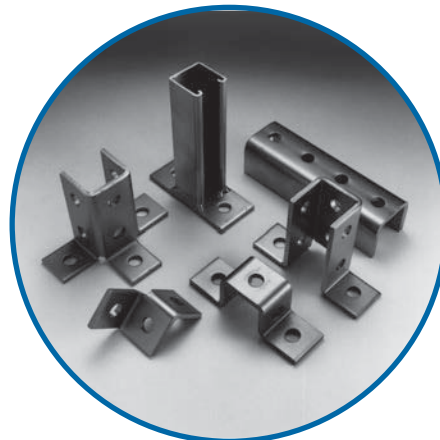
**Material** 1/4 in. thick

### 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.

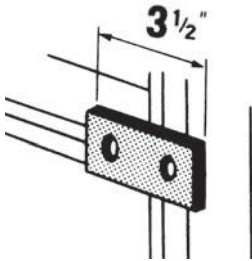
### Aluminum channel

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

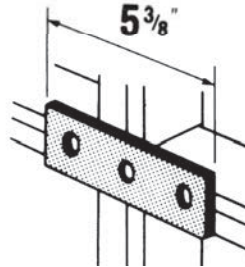
## Fittings and Brackets

### Flat Fittings

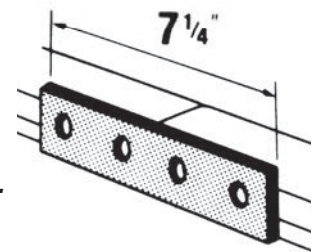
**AB206**  
 AB206HDGC  
 AB206EG  
 AB206  
 AB206SS6C  
 Wt./C 35 lb.



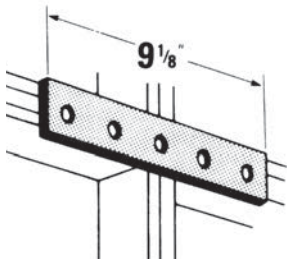
**AB207**  
 AB207HDGC  
 AB207EG  
 AB207  
 AB207SS6C  
 Wt./C 52 lb.



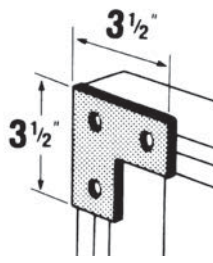
**X207**  
 X207HDG  
 X207EG  
 X207  
 X207SS6  
 Wt./C 78 lb.



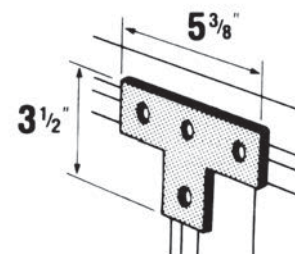
**X208**  
 X208HDG  
 X208EG  
 X208  
 X208SS6C  
 Wt./C 88 lb.



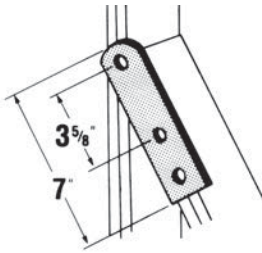
**AB219**  
 AB219HDGC  
 AB219EG  
 AB219  
 AB219SS6C  
 Wt./C 53 lb.



**AB220**  
 AB220HDGC  
 AB220EG  
 AB220  
 AB220SS6C  
 Wt./C 78 lb.



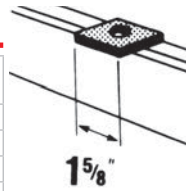
**AB240**  
 AB240HDG  
 AB240EG  
 AB240  
 Wt./C 69 lb.



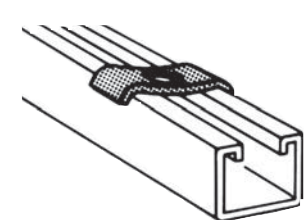
**AB241**

Cat. No.	Bolt Size (in.)	Wt./C lb.
AB241-1/4*	1/4	18
AB241-5/16*	5/16	18
AB241-3/8*	3/8	18
AB241-1/2*	1/2	17
AB241-5/8*	5/8	15
AB241-3/4*	3/4	14

\*Finishes  
 • HDGC • GoldGalv®  
 • EG • SS6C

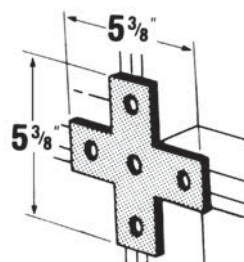


**AB242**  
 AB242HDGC  
 AB242EG  
 AB242  
 Wt./C 9 lb.

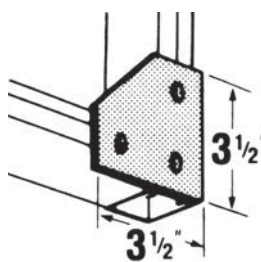


For use with either  
 3/8 in. or 1/2 in. hanger rod.

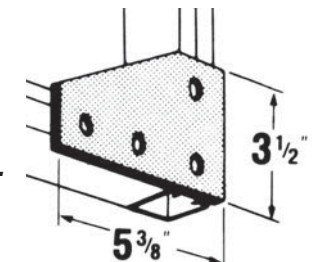
**AB253**  
 AB253HDGC  
 AB253EG  
 AB253  
 AB253SS6C  
 Wt./C 97 lb.



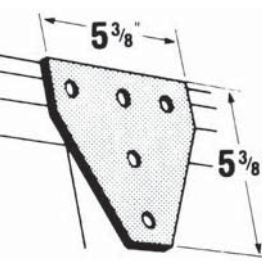
**AB255**  
 AB255HDGC  
 AB255EG  
 AB255  
 Wt./C 70 lb.



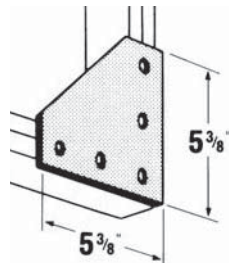
**AB257**  
 AB257HDGC  
 AB257EG  
 AB257  
 Wt./C 105 lb.



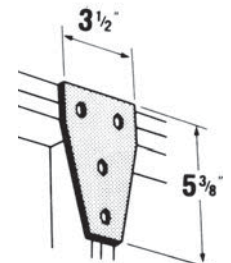
**AB261**  
 AB261HDGC  
 AB261EG  
 AB261  
 Wt./C 148 lb.



**AB263**  
 AB263HDGC  
 AB263EG  
 AB263  
 AB263SS6  
 Wt./C 150 lb.



**AB265**  
 AB265HDGC  
 AB265EG  
 AB265  
 Wt./C 105 lb.



Standard Dimensions	Value
Hole Spacing	→ 13/16 in. From End
Hole Spacing	→ 1-7/8 in. Centers
Hole Size	→ 9/16 in. Diam.
Material	→ 1-5/8 in. Width
Material	→ 1/4 in. Thick

Materials	Value
HDG(C)	→ Hot-Dipped Galvanized
EG(C)	→ ElectroGalvanized
(No suffix)	→ GoldGalv®
SS6(C)	→ Stainless Steel 316

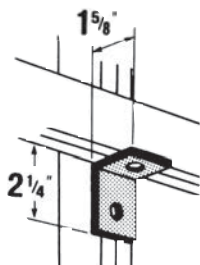
## Fittings and Brackets

### 90° Fittings

#### AB201

AB201HDGC  
AB201EG  
AB201  
AB201SS6C

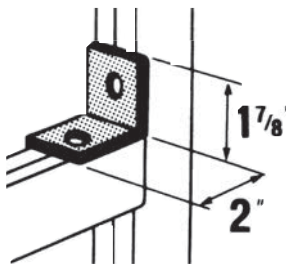
Wt./C 35 lb.



#### AB202

AB202HDGC  
AB202EG  
AB202  
AB202SS6C

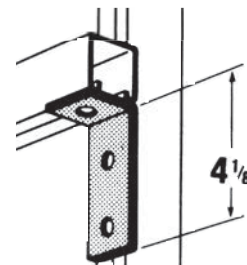
Wt./C 35 lb.



#### AB203

AB203HDGC  
AB203EG  
AB203  
AB203SS6C

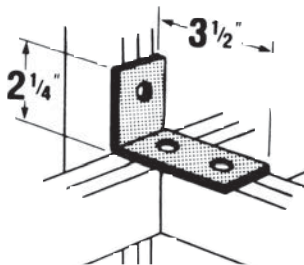
Wt./C 58 lb.



#### AB204

AB204HDGC  
AB204EG  
AB204  
AB204SS6C

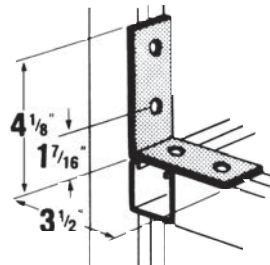
Wt./C 58 lb.



#### AB205

AB205HDGC  
AB205EG  
AB205  
AB205SS6C

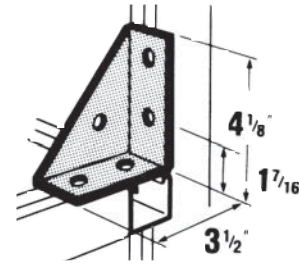
Wt./C 78 lb.



#### AB213

AB213HDGC  
AB213EG  
AB213

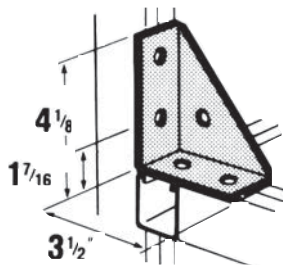
Wt./C 125 lb.



#### AB214

AB214HDGC  
AB214EG  
AB214  
AB214SS6C

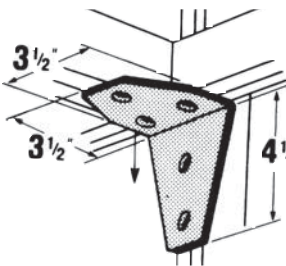
Wt./C 125 lb.



#### AB216

AB216HDGC  
AB216EG  
AB216SS6C

Wt./C 135 lb.

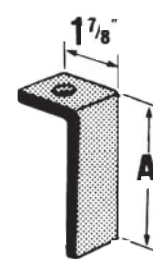


#### AB252

Cat. No.	A (in.)	Wt./C lb.
AB252-1*	3-7/8	61
AB252-2*	5-7/8	84
AB252-3*	7-7/8	107
AB252-4*	9-7/8	130

\*Finishes

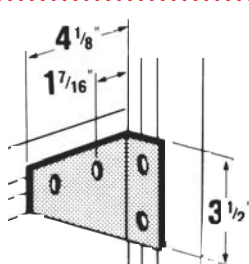
• HDGC • EG • GoldGalv®



#### AB254R

AB254RHDGC  
AB254REG  
AB254R

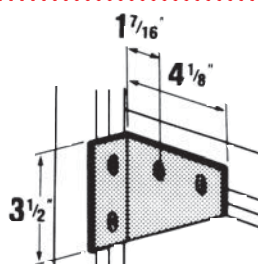
Wt./C 105 lb.



#### AB254L

AB254LHDGC  
AB254LEG  
AB254L

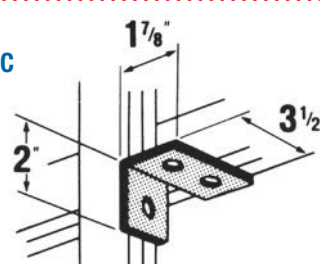
Wt./C 105 lb.



#### AB260R

AB260RHDGC  
AB260REG  
AB260R

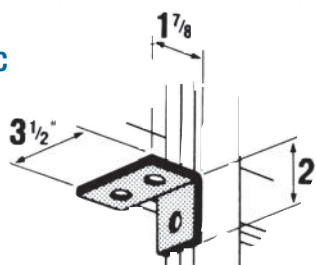
Wt./C 58 lb.



#### AB260L

AB260LHDGC  
AB260LEG  
AB260L

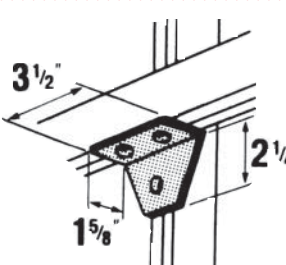
Wt./C 58 lb.



#### AB274

AB274HDG  
AB274EG  
AB274

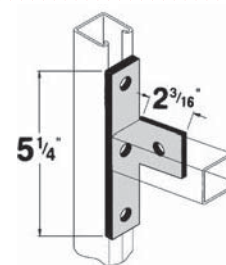
Wt./C 70 lb.



#### AB275

AB275HDGC  
AB275EG  
AB275SS6C

Wt./C 77 lb.



Standard Dimensions	Value
Hole Spacing	→ 13/16 in. From End
Hole Spacing	→ 1-7/8 in. Centers
Hole Size	→ 9/16 in. Diam.
Material	→ 1-5/8 in. Width
Material	→ 1/4 in. Thick

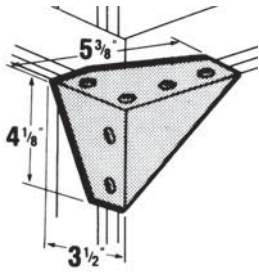
Materials	Value
HDG(C)	→ Hot-Dipped Galvanized
EG(C)	→ ElectroGalvanized
(No suffix)	→ GoldGalv®
SS6(C)	→ Stainless Steel 316

## Fittings and Brackets

### 90° Fittings

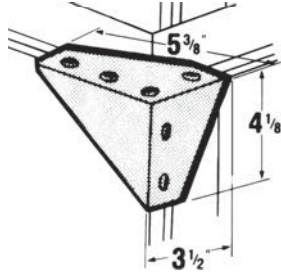
**AB284R**  
**AB284RHDG**  
**AB284REG**  
**AB284L**

Wt./C 230 lb.



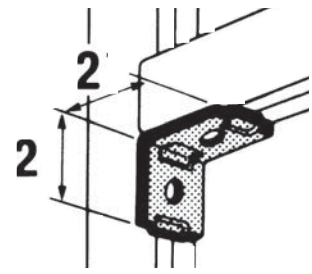
**AB284L**  
**AB284LHDG**  
**AB284LEG**  
**AB284L**

Wt./C 230 lb.



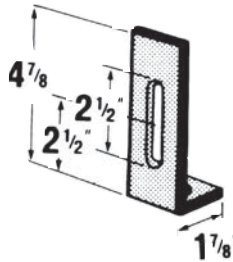
**AB299**  
**AB299HDG**  
**AB299EG**  
**AB299**

Wt./C 40 lb.



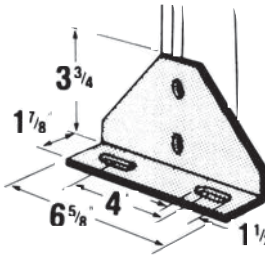
**X201**  
**X201HDG**  
**X201EG**  
**X201**

Wt./C 65 lb.



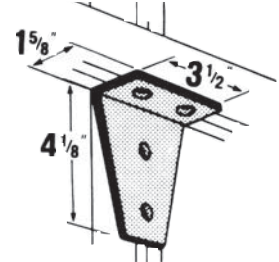
**X204**  
**X204HDG**  
**X204EG**  
**X204**

Wt./C 1-90 lb.



**X289**  
**X289HDG**  
**X289EG**  
**X289**

Wt./C 105 lb.



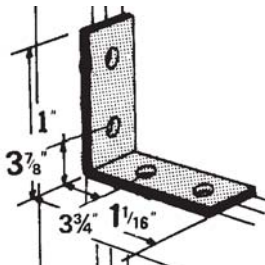
**X299**  
**X299HDG**  
**X299EG**  
**X299**

Wt./C 38 lb.



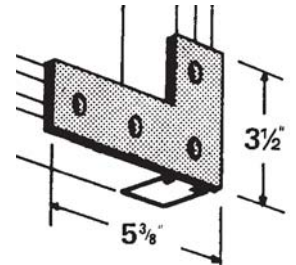
**N205**  
**N205HDG**  
**N205EG**  
**N205**  
**N205SS6C**

Wt./C 74 lb.



**N219**  
**N219HDG**  
**N219EG**  
**N219**  
**N219SS6**

Wt./C 71 lb.



<b>Standard Dimensions</b>	Hole Spacing → 13/16 in. From End
	Hole Spacing → 1-7/8 in. Centers
	Hole Size → 9/16 in. Diam.
	Material → 1-5/8 in. Width
	Material → 1/4 in. Thick

<b>Materials</b>	HDG(C) → Hot-Dipped Galvanized
	EG(C) → Electrogalvanized
	(No suffix) → GoldGalv®
	SS6(C) → Stainless Steel 316

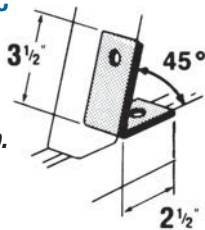
## Fittings and Brackets

### Angular Fittings

#### AB225

AB225HDGC  
AB225EG  
AB225  
AB225SS6

Wt./C 58 lb.

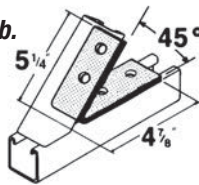


Other angles available.  
Contact your Regional Sales Office.

#### AB226

AB226HDGC  
AB226SS6

Wt./C 119 lb.

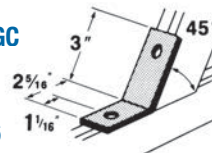


Other angles available.  
Contact your Regional Sales Office.

#### AB227

AB227HDGC  
AB227EG  
AB227  
AB227SS6

Wt./C 58 lb.

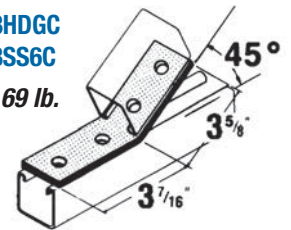


Other angles available.  
Contact your Regional Sales Office.

#### AB228

AB228HDGC  
AB228SS6C

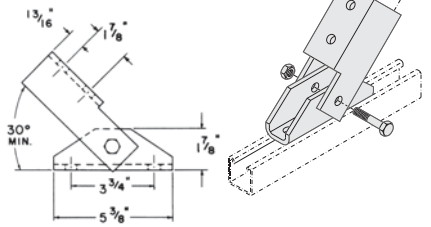
Wt./C 69 lb.



Other angles available.  
Contact your Regional Sales Office.

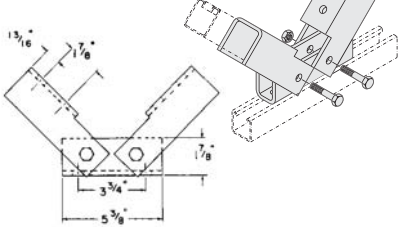
#### AB231

AB231EG



#### AB232

AB232EG

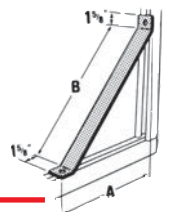


#### AB239

\*Finishes

• HDGC • EG • GoldGalv®

Cat. No.	A (in.)	B (in.)	Wt./C lb.
AB239-1*	7-13/16	8-1/2	148
AB239-2*	13-3/4	17	255
AB239-3*	19-3/4	25-1/2	363

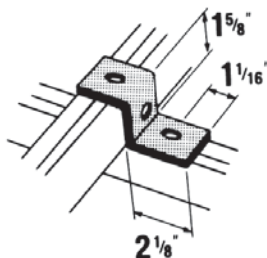


### "Z" Shape Fittings

#### A209

A209HDGC  
A209EG  
A209  
A209SS6

Wt./C 55 lb.

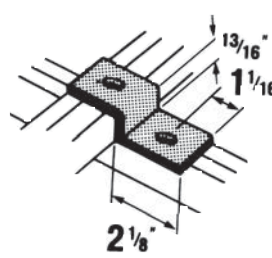


For attaching A and AR Series channel.

#### B209

B209HDGC  
B209EG  
B209

Wt./C 43 lb.

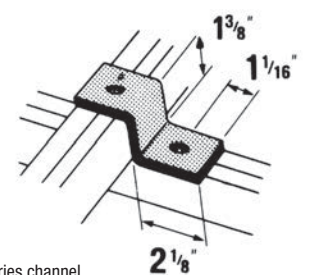


For attaching B and BR Series channel.

#### C209

C209

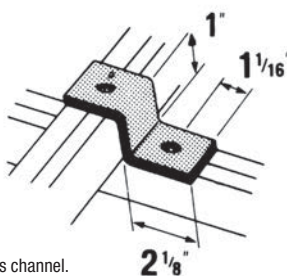
Wt./C 49 lb.



For attaching C Series channel.

#### D209

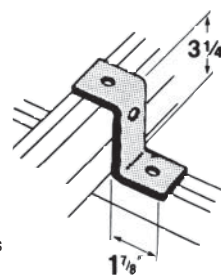
Wt./C 45 lb.



For attaching D Series channel.

#### CZ209

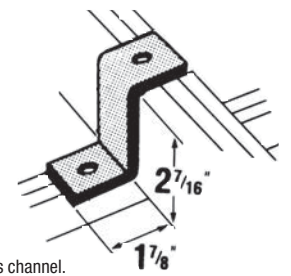
For attaching H Series  
and A back to back.



#### EZ209

EZ209HDGC  
EZ209EG  
EZ209  
EZ209SS6

For attaching E Series channel.



Standard Dimensions	Value
Hole Spacing	→ 13/16 in. From End
Hole Spacing	→ 1-7/8 in. Centers
Hole Size	→ 9/16 in. Diam.
Material	→ 1-5/8 in. Width
Material	→ 1/4 in. Thick

Materials	Value
HDG(C)	→ Hot-Dipped Galvanized
EG(C)	→ ElectroGalvanized
(No suffix)	→ GoldGalv®
SS6(C)	→ Stainless Steel 316

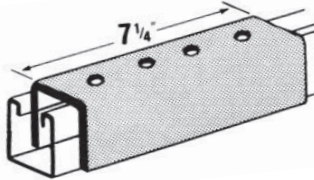
## Fittings and Brackets

### “U” Shape Fittings

#### A208

A208HDGC  
A208EG  
A208  
A208SS6C

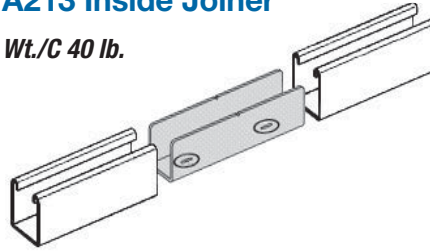
Wt./C 275 lb.



Does not include stud nut or bolts.  
For A and AR Series channel.

#### A213 Inside Joiner

Wt./C 40 lb.

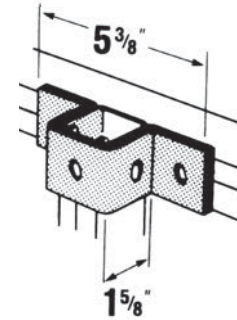


For A1200 Series.  
Available only in GoldGalv® finish.

#### A210

A210HDGC  
A210EG  
A210  
A210SS6C

Wt./C 88 lb.

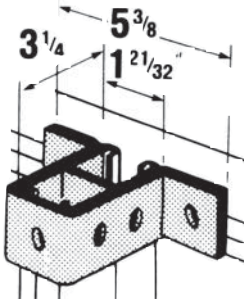


For attaching A and AR Series channel.

#### A211

A211HDGC  
A211EG  
A211

Wt./C 128 lb.

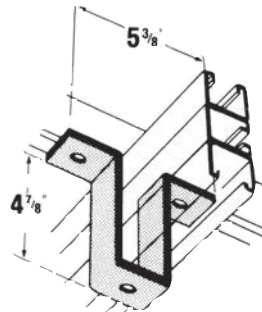


For attaching A and AR Series double channel, and H Series.

#### AN211

AN211HDGC  
AN211EG  
AN211

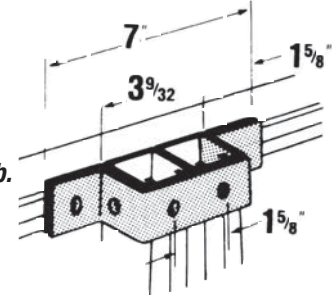
Wt./C 181 lb.



#### A212

A212HDGC  
A212EG  
A212  
A212SS6

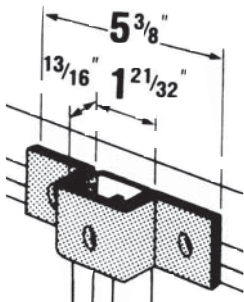
Wt./C 113 lb.



#### B210

B210HDGC  
B210EG  
B210  
B210SS6

Wt./C 65 lb.

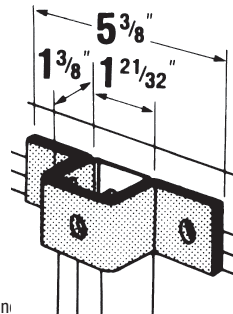


For attaching B and BR Series.

#### C210

C210HDGC  
C210EG  
C210

Wt./C 77 lb.

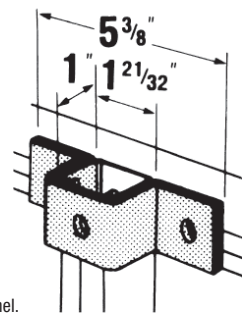


For attaching C Series channel.

#### D210

D210HDGC  
D210EG  
D210  
D210SS6

Wt./C 71 lb.

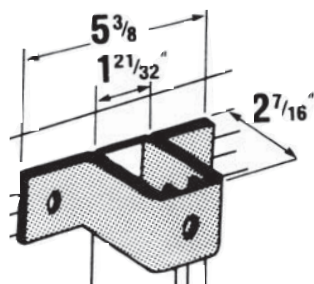


For attaching D Series channel.

#### E210

E210HDGC  
E210EG  
E210

Wt./C 112 lb.

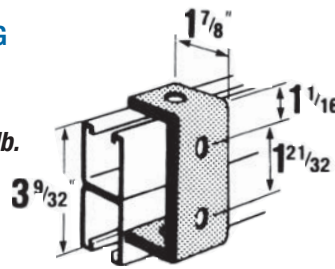


For attaching E Series channel.

#### AB245

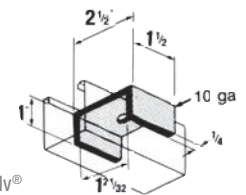
AB245HDGC  
AB245EG  
AB245

Wt./C 70 lb.



For attaching A and AR Series double channel.

#### AB288



\*Finishes  
• HDGC • EG • GoldGalv®

Cat. No.	Bolt Size (in.)	Wt./C lb.
AB288-3/8*	3/8	37
AB288-1/2*	1/2	
AB288-5/8*	5/8	

Standard Dimensions	Value
Hole Spacing	→ 13/16 in. From End
Hole Spacing	→ 1-7/8 in. Centers
Hole Size	→ 9/16 in. Diam.
Material	→ 1-5/8 in. Width
Material	→ 1/4 in. Thick

Materials	Value
HDG(C)	→ Hot-Dipped Galvanized
EG(C)	→ Electrogalvanized
(No suffix)	→ GoldGalv®
SS6(C)	→ Stainless Steel 316

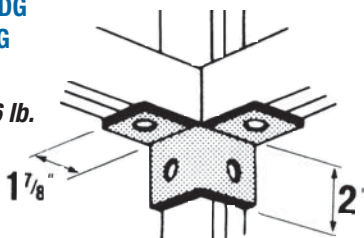
## Fittings and Brackets

### Wing Fittings

#### AW204

AW204HDG  
AW204EG  
AW204

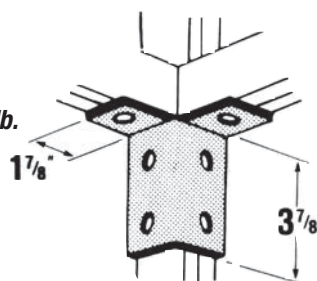
Wt./C 76 lb.



#### AW214

AW214HDG  
AW214EG  
AW214

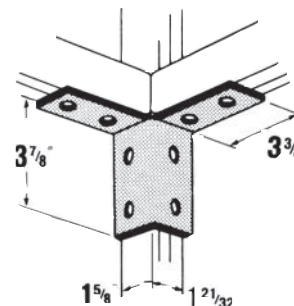
Wt./C 115 lb.



#### A217

AW217HDG  
A217EG  
A217

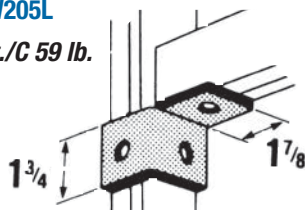
Wt./C 155 lb.



#### AW205L

AW205LHDG  
AW205LEG  
AW205L

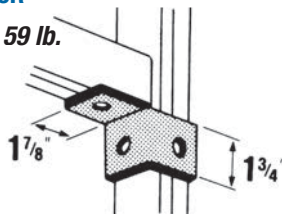
Wt./C 59 lb.



#### AW205R

AW205REG  
AW205R

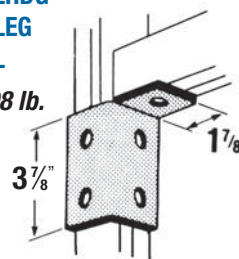
Wt./C 59 lb.



#### AW215L

AW215LHDG  
AW215LEG  
AW215L

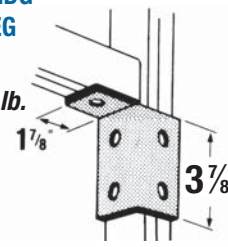
Wt./C 98 lb.



#### AW215R

AW215RHDG  
AW215REG  
AW215R

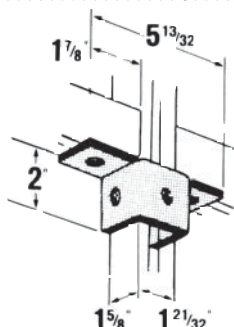
Wt./C 98 lb.



#### AW220

AW220HDGC  
AW220EG  
AW220

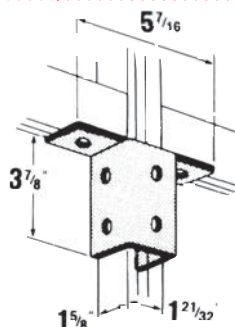
Wt./C 90 lb.



#### AW224

AW224HDGC  
AW224EG  
AW224

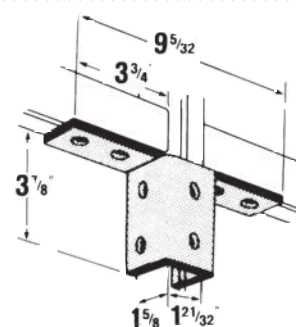
Wt./C 147 lb.



#### AW219

AW219HDGC  
AW219EG  
AW219

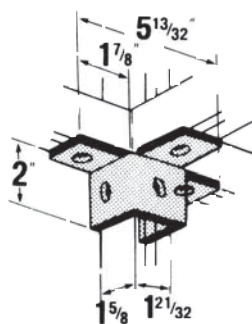
Wt./C 187 lb.



#### AW226

AW226HDG  
AW226

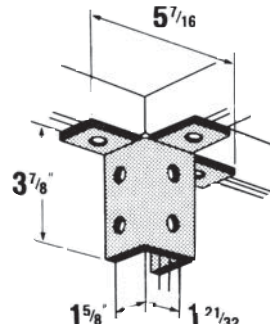
Wt./C 113 lb.



#### A218

A218HDG  
A218EG  
A218

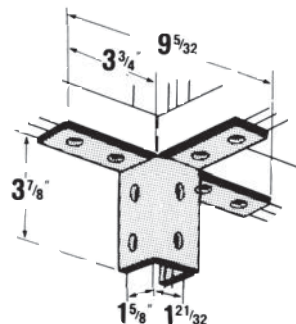
Wt./C 177 lb.



#### AW228

AW228HDG  
AW228EG  
AW228

Wt./C 230 lb.



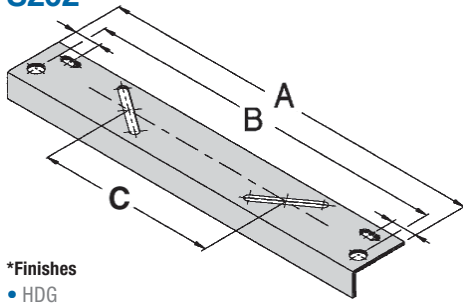
Standard Dimensions	Hole Spacing	→ 13/16 in. From End
	Hole Spacing	→ 1-7/8 in. Centers
	Hole Size	→ 9/16 in. Diam.
	Material	→ 1-5/8 in. Width
	Material	→ 1/4 in. Thick

Materials	HDG(C)	→ Hot-Dipped Galvanized
	EG(C)	→ Electrogalvanized
	(No suffix)	→ GoldGal®
	SS6(C)	→ Stainless Steel 316

## Fittings and Brackets

### Brackets

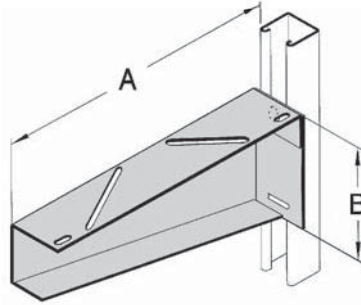
#### S202



\*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	18	175
S202-21*	21	20	14	250
S202-27*	27	26	20	325
S202-33*	33	32	26	400

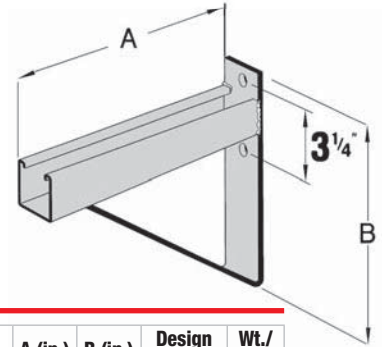
#### S203



\*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

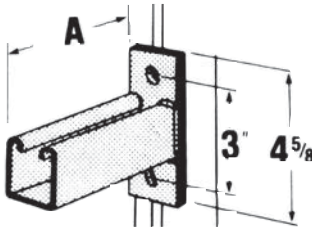
#### S249



\*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

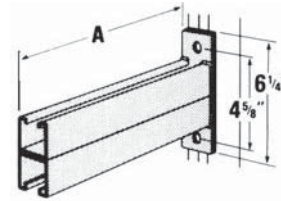


\*Finishes  
• HDG  
• SS6C

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.

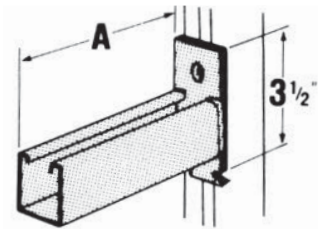
#### S251



\*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



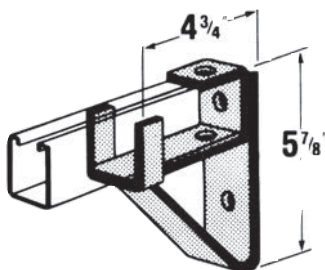
\*Finishes  
• HDG  
• SS6C

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

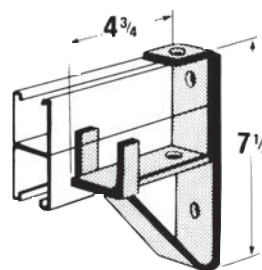
S247HDG  
S247  
S247SS6



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 7 550 inch lb.  
Applies to fitting only, not to the arm.

Standard Dimensions	Value
Hole Spacing	→ 13/16 in. From End
Hole Spacing	→ 1-7/8 in. Centers
Hole Size	→ 9/16 in. Diam.
Material	→ 1-5/8 in. Width
Material	→ 1/4 in. Thick

Materials	Value
HDG(C)	→ Hot-Dipped Galvanized
EG(C)	→ ElectroGalvanized
(No suffix)	→ GoldGalv®
SS6(C)	→ Stainless Steel 316



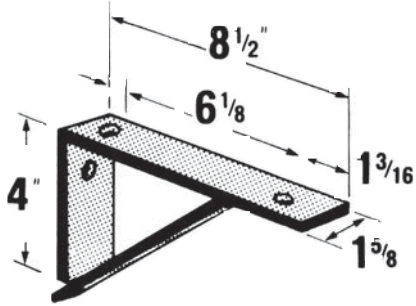
## Fittings and Brackets

### Brackets

**S204**  
S204HDGC  
S204

Wt./C 174 lb.

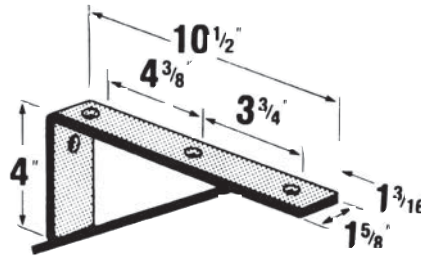
Design Uniform Load/lb.	
A-1200	750
A-1400	500



**S205**  
S205HDGC  
S205

Wt./C 264 lb.

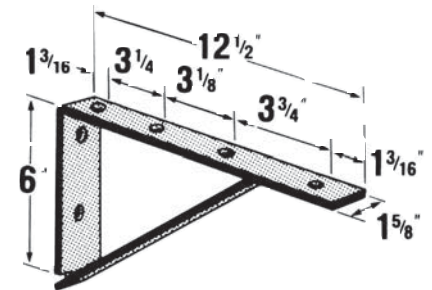
Design Uniform Load/lb.	
A-1200	750
A-1400	500



**S217**  
S217HDG  
S217  
S217SS6

Wt./C 264 lb.

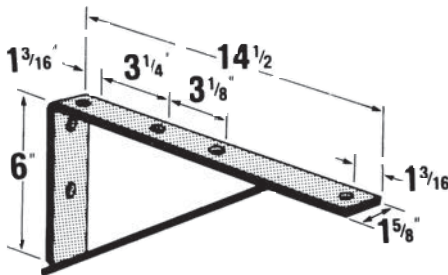
Design Uniform Load/lb.	
A-1200	750
A-1400	650



**S218**  
S218HDG  
S218

Wt./C 295 lb.

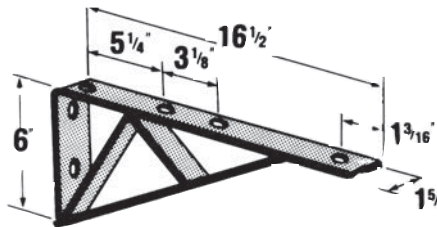
Design Uniform Load/lb.	
A-1200	750
A-1400	650



**S222**  
S222HDG  
S222

Wt./C 385 lb.

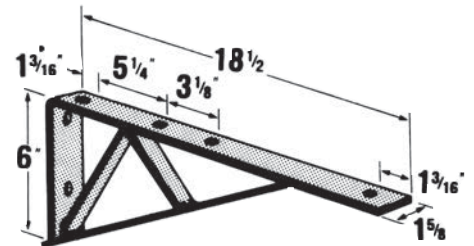
Design Uniform Load/lb.	
A-1200	1000
A-1400	750



**S226**  
S226HDG  
S226

Wt./C 421 lb.

Design Uniform Load/lb.	
A-1200	1000
A-1400	750



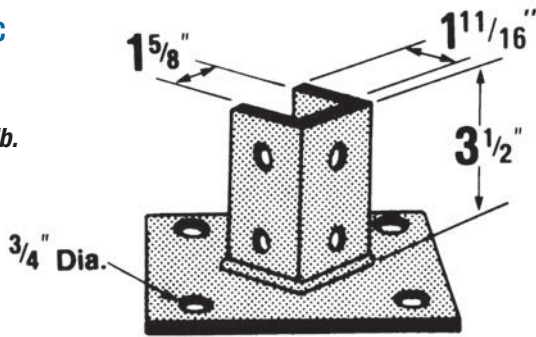
## Fittings and Brackets

### Post Bases

#### AP232

AP232HDGC  
AP232EG  
AP232

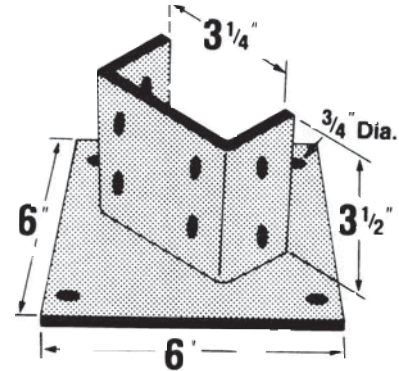
Wt./C 384 lb.



#### AP235

AP235HDGC  
AP235EG  
AP235

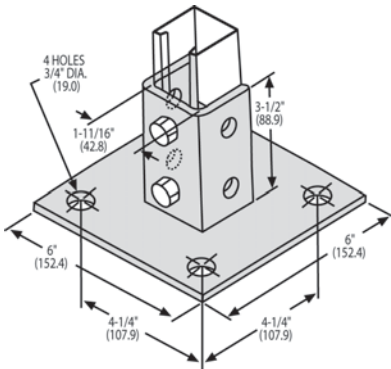
Wt./C 400 lb.



#### AP232SQ

AP232SQHDGC  
AP232SQEG  
AP232SQSS6

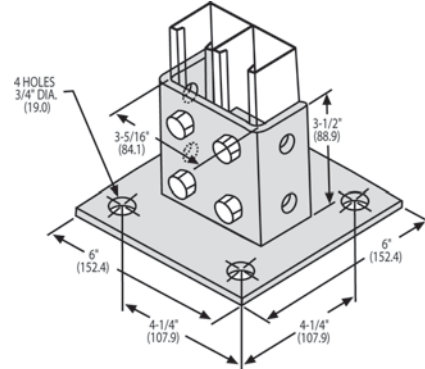
Wt./C 384 lb.



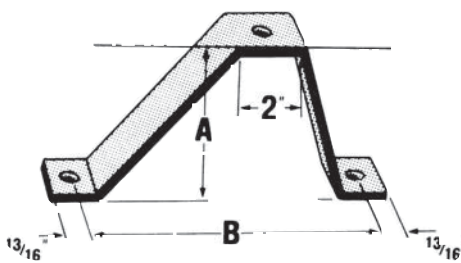
#### AP235SQ

AP235SQHDGC  
AP235SQEG  
AP235SQ  
AP235SQSS6

Wt./C 400 lb.



#### AN270



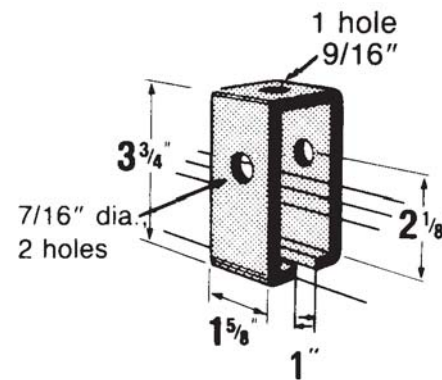
\*Finishes

- HDG
- EG

Cat. No.	A	B	Wt./C lb.
AN270-1*	2-3/8	6	113
AN270-2*	4-3/8	8	151
AN270-3*	6-3/8	10	199
AN270-4*	8-3/8	12	246
AN270-*	10-3/8	14	293

#### TS272 Track Support

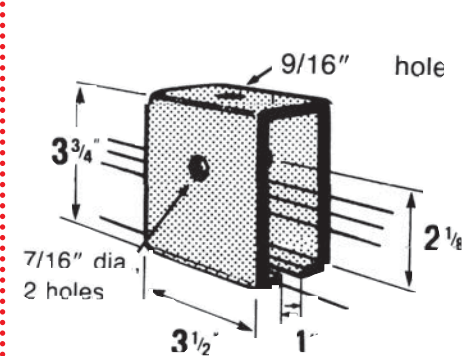
TS272HDG



Requires 3/8 in. x 2-1/2 in. bolt and nut (not included)  
Design load: 1000 lb.  
Wt./C 104 lb.

#### TS273 Track Support

TS273HDG

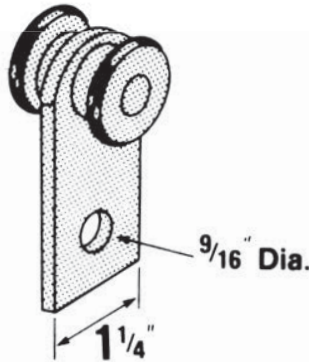


For use over channel splice  
Requires 3/8 in. x 2-1/2 in. bolt and nut (not included)  
Design load: 2000 lb.  
Wt./C 228 lb.

## Fittings and Brackets

### Special Application Fittings and Brackets

#### TR292



Can be used for Series A, E and H channels only.

Standard finish is Electrogalvanized.

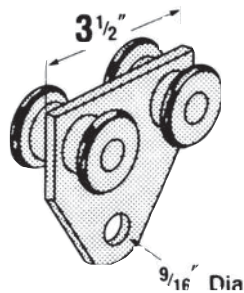
Frictionless needle bearings.

Design load: 500 lb.

Safety factor of 5.

Wt./C 59 lb.

#### TR294



Can be used for Series A, E and H channels only.

Standard finish is Electrogalvanized.

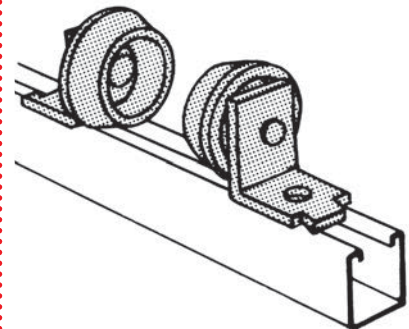
Frictionless needle bearings.

Design load: 1000 lb.

Safety factor of 5.

Wt./C 106 lb.

#### C728 Pipe Roller (Pair)



Cast aluminum rollers, steel brackets. Designed for standard saddles. Order separately for each pair of rollers: two 1/2 in. x 5/16 in. hex head cap screws and two 1/2 in. channel nuts. Space to suit O.D. of pipe and wrapping.

Design Load: 2350 lb.

Wt./C : 300 lb.

## Adjustable Universal Support

Support building services and access equipment on flat roofs and flat surfaces



The T&B Adjustable Universal Support (AUS) provides an easy method for supporting pipes, conduit and equipment on flat roofs, below raised floors and even on level ground applications. The AUS reduces installation time compared to other support solutions such as wooden blocks, cement blocks, straps and clips. These labor intensive solutions also increase the danger of roof membrane penetration.

The AUS system also allows for tool free adjustment of the pedestal height from 6 to 9 inches with a twist of the wrist. This ensures that the supported objects or pipes are uniformly supported and no high stress supports are carrying a disproportionate load in a single location.

Cat. No.	Description	Qty.
<b>AUS14-96</b>	Ajustable Universal Support (Base only)	1
<b>AUS-RISER-KIT</b>	Riser Kit	
A1200HS100PG	14 in. strut	1
H104-1/2X10EGC	12 in. threaded rod	2
E145-1/2EGC	Nut	8
E147-1/2EGC	Washer	8
E148-1/2EGC	Lock washer	4
<b>AUS-STRUT-KIT</b>	Bolt Kit	
A1200HS100PG	14 in. strut	1
E142-1/2X200EGC	Bolt	2
E145-1/2EGC	Nut	2
E147-1/2EGC	Washer	4
E148-1/2EGC	Lock washer	2
<b>AUS125PCSS6</b>	4-1/2 in. stainless steel 316 strap (to restrain 1-1/4 in. pipe)	2
<b>AUS150PCSS6</b>	5 in. strap (to restrain 1-1/2 in. pipe)	2
<b>AUS200PCSS6</b>	6 in. strap (to restrain 2 in. pipe)	2

