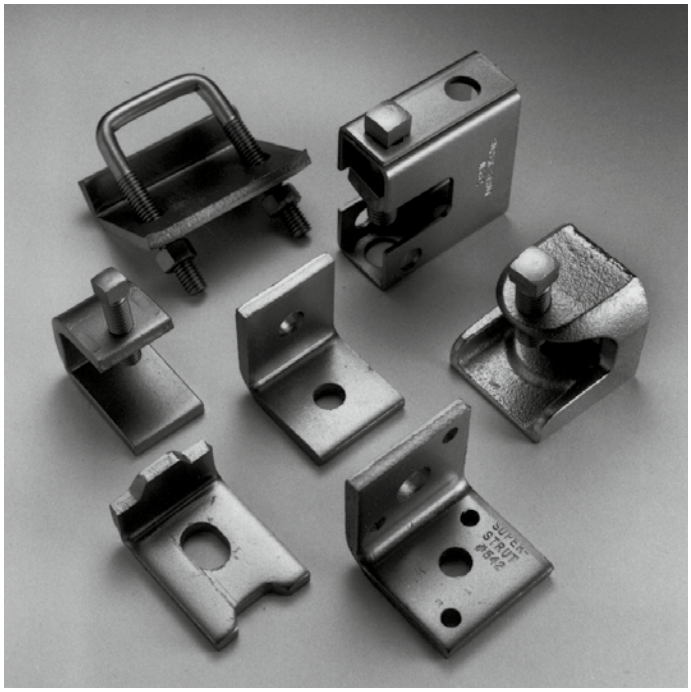
Beam clamps

Design loads
Where design loads are indicated, they provide for a safety factor of 3 in conformance with the American Standard Code for Pressure Piping.
For more information, see page A66 for engineering data and specifications.

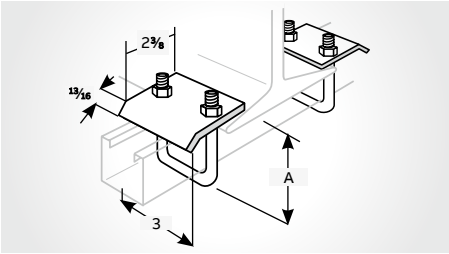
Finishes and special materials
Hot-dipped galvanized (HDG(C)) is standard for all Superstrut beam clamps. The material is zinc coated after fabrication providing total product protection on all surfaces. The fabricated beam clamps are suspended and then dipped into tanks of hot zinc for a prolonged period, creating a coherent bond.

Selected beam clamps can also be available in GoldGalv® (no suffix) or stainless steel type 316 (SS6(C)). Contact your regional sales office for availability and minimum quantities.

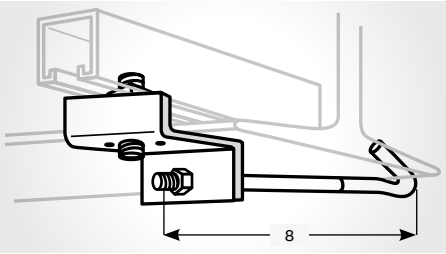


Beam clamps

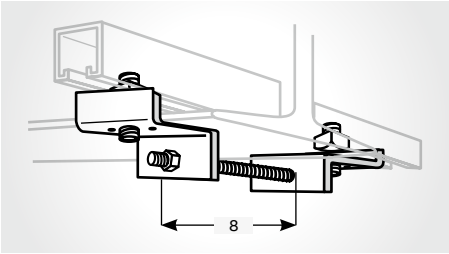
Beam clamps for mounting channel



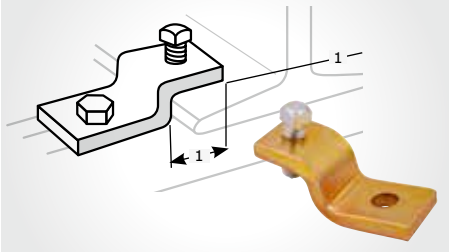
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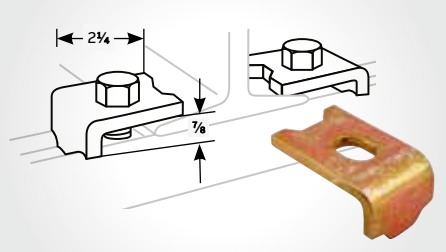
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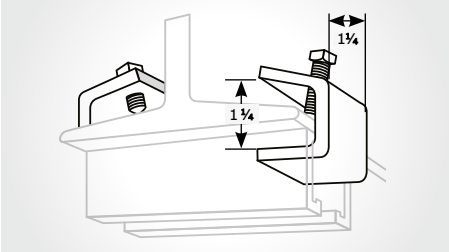
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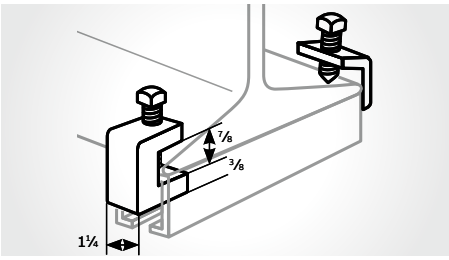
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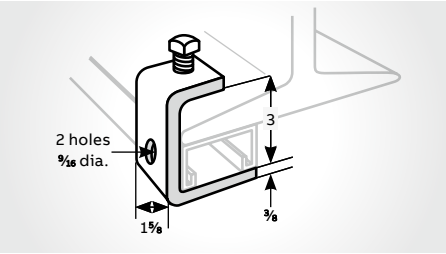
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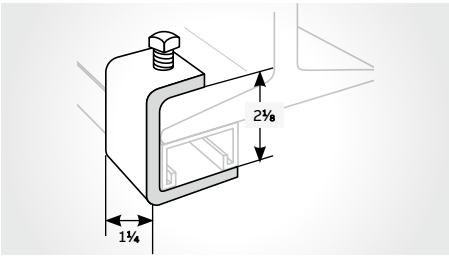
06



07



08



09

—
01 **U501, U502**
Furnished complete.
Design load
U501-TB* : 2,150 lb
U502 : 3,000 lb

*Finishes
- HDG
- EG
- GoldGalv®
- SS6C

Cat. no.	For channel		Size (in.)	Wt./C lb
U501*	A1200	A1400	3⅜16	90
	B1200	B1400	3⅜16	90
	C1200	B1402	3⅜16	90
U502*	A1202	A1402	4¹³⁄₁₆	100
	C1202	H1200	4¹³⁄₁₆	100

—
02 **U504**
U504HDG
U504EG
U504
U504SS6
Can be used with
all channels.
Wt./C 140 lb

—
03 **U505**
U505HDG
U505EG
U505
Can be used with
all channels.
Wt./C 270 lb

—
04 **U510**
U510HDGC
U510EG
U510
U510SS6

Design load/lb	Channel
1,000	A-1200
800	A-1400

½ in. x 1½ in. set
screw included.
Order separately one
½ in. x 1½ in. hex
head cap screw and
½ in. channel nut.
Wt./C 75 lb

—
05 **512U**
512UHDG
512UEG
512U

Design load/lb	Channel
1,000	A-1200
800	A-1400

Order separately
one ½ in. x 1½ in. hex
head cap screw and
½ in. channel nut.
Wt./C 26 lb

—
06 **U514**
U514HDGC
U514EG
U514
U514SS6
⅜ in. x 1½ in. set
screw included.
Design load 750 lb/pair
Wt./C 40 lb

—
07 **U514-A**
U514-AHDGC
U514-AEG
U514-A
U514-ASS6
½ in. x 1½ in. set
screw included.
Design load 1,650 lb/pair
Wt./C 59 lb

—
08 **U515**
U515HDGC
U515EG
U515
U515SS6
For all A series channel.
½ in. x 1½ in. set
screw included.
Design load
800 lb
Wt./C 95 lb

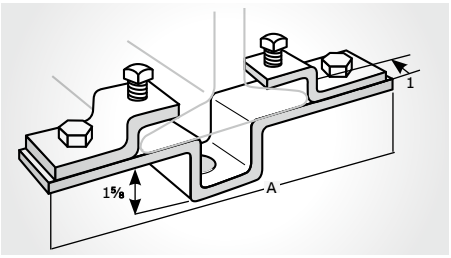
—
09 **U515B**
U515BHDG
U515BEG
U515B
U515BSS6
For all B series channel.
½ in. x 1½ in. set
screw included.
Design load 800 lb
Wt./C 91 lb

Materials	
HDG(C)	Hot-dipped galvanized
EG(C)	Electrogalvanized
(No suffix)	GoldGalv®
SS6(C)	Stainless steel 316

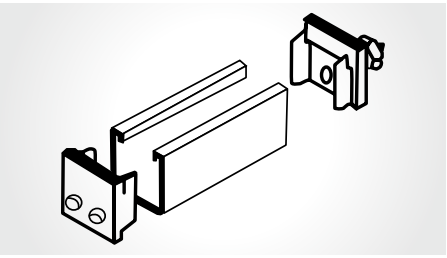
All dimensions shown are in in.

Beam clamps

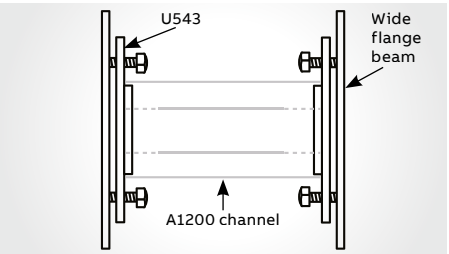
Beam clamps for mounting channel



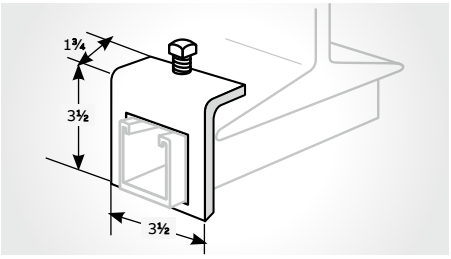
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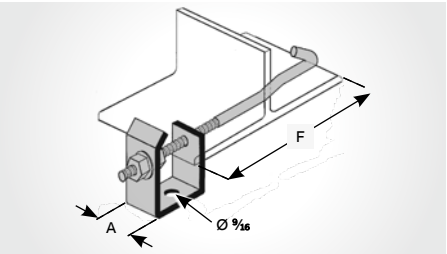
02



03



04



05

01 **U520, U521, U522**
*Finishes
- GoldGalv®

Cat. no.	Flange Width	A	Wt./C lb	Design load lb/ea
U520*	2⅜–4½	8¾	328	2,000
U521*	3¾–5¾	10	343	1,300
U522*	5⅝–7⅝	11⅞	353	900

Nuts, cap screws and set screws included.

02 **U544 Single adjusting screw end cap set**
U544EG
Should be ordered as one set.
Wt./C 39 lb

03 **U543 Adjusting screw end caps**
U543HDG
U543EG
U543
Should be ordered in multiples of two (2).
Wt./C 44 lb

04 **A597**
*Finishes
- HDGC
- SS6C

Cat. no.	Channel series	Wt./C lb	Design load lb/ea
A597*	A	108	800

05 **U570-1, U570-2**
*Finishes
- HDGC

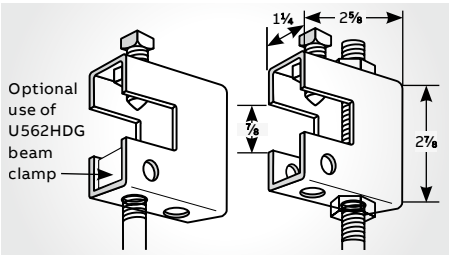
Cat. no.	A (in.)	F (in.)	Wt./C lb	Design load lb/ea
U570-1*	1½	4 to 9	240	800
U570-2*	1½	7 to 17	300	800

Materials	
HDG(C)	Hot-dipped galvanized
EG(C)	Electrogalvanized
(No suffix)	GoldGalv®
SS6(C)	Stainless steel 316

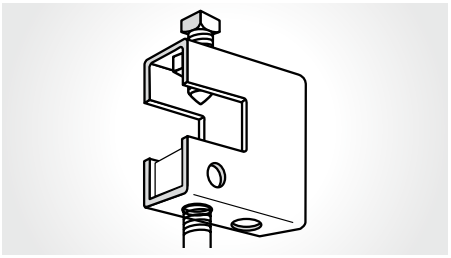
All dimensions shown are in in.

Beam clamps

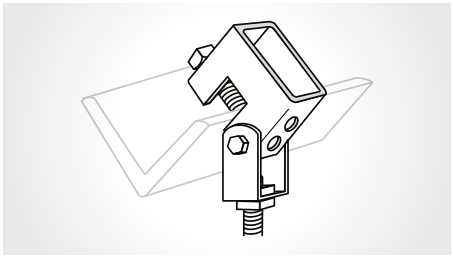
Beam clamps for hanging rod



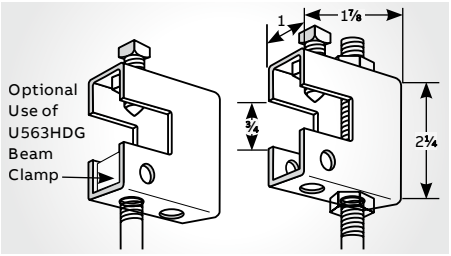
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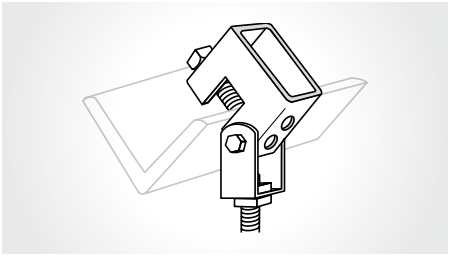
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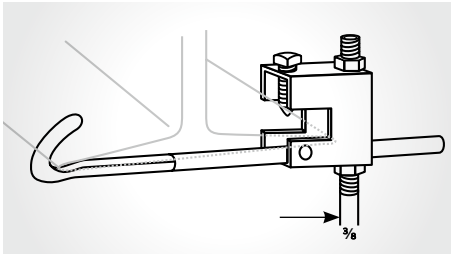
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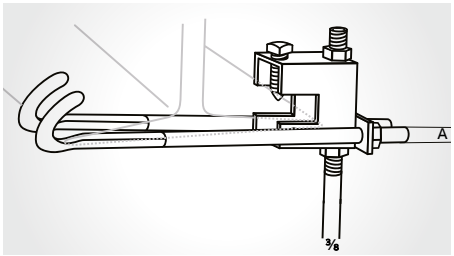
04



05



06



07

Materials	
HDG(C)	Hot-dipped galvanized
EG(C)	Electrogalvanized
(No suffix)	GoldGalv®
SS6(C)	Stainless steel 316

01 **U562 Beam clamp**
U562HDG
U562EG
U562
E146 square nut order separately.
½ in. set screw included.

Rod size (in.)	Wt./C lb	Design load lb/ea
½	80	800

For 20° swivel application use ES-145-1/2 nut.
½ in. set screw included.

Rod size (in.)	Wt./C lb	Design load lb/ea
½	80	500

02 **UM562 Beam clamp**
UM562HDGC
UM562SS6
E146 square nut order separately.
½ in. set screw included.

Rod size (in.)	Wt./C lb	Design load lb/ea
½	100	1200

For 20° swivel application use ES-145-1/2 nut.

03 **US562 Beam clamp**
with Swing Hanger
US562HDG
US562EG
US562
½ in. set screw included.

Rod size (in.)	Wt./C lb	Design load lb/ea
½	113	800

04 **U563 Beam clamp**
U563HDG
U563EG
U563
U563SS6
Square nut order separately.
⅜ in. set screw included.

Rod size (in.)	Wt./C lb	Design load lb/ea
⅜	33	400

⅜ in. set screw included.

Rod size (in.)	Wt./C lb	Design load lb/ea
⅜	33	240

05 **US563 Beam clamp with swing hanger**
US563HDG
US563
⅜ in. set screw included.

Rod size (in.)	Wt./C lb	Design load lb/ea
⅜	50	400

06 **U569 Beam clamp**
U569HDG
U569
Maximum flange width 5 in.

Cat. no.	A size (in.)	Wt./C lb	Design load lb/ea
U569	⅜	150	400

07 **A570 Beam clamp with safety rod**
Flange width 4 in. min.–8 in. max.
For use with ⅜ in. rod see U-569.

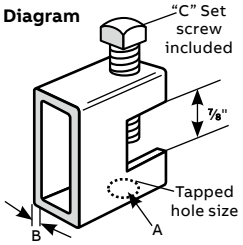
Cat. no.	A size (in.)	Wt./C lb	Design load lb/ea
A570HDG	½	220	500

All dimensions shown are in in.

Beam clamps

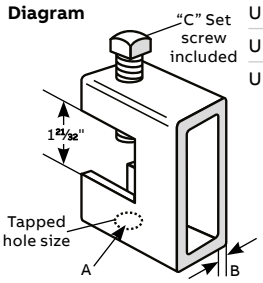
Beam clamps for hanging rod

U560 Heavy-duty beam clamp

Diagram	Cat. no.	A (in.)	B (in.)	C (in.)	Wt./C lb	Design load, lb
	U560-1/4*	¼	⅛	⅜ x 1½	67	1,050
	U560-3/8*	⅜	⅛	⅜ x 1½	67	1,050
	U560-1/2*	½	¼	½ x 1½	130	2,650
	U560-5/8*	⅝	¼	½ x 1½	130	2,650

*Finishes
- GoldGalv®
- EG

U564 Heavy-duty beam clamp

Diagram	Cat. no.	A (in.)	B (in.)	C (in.)	Wt./C lb	Design load, lb
	U564-3/8*	⅜	⅛	⅜ x 2¾	109	1,300
	U564-1/2*	½	¼	½ x 2¾	201	3,150
	U564-5/8*	⅝	¼	½ x 2¾	201	3,150

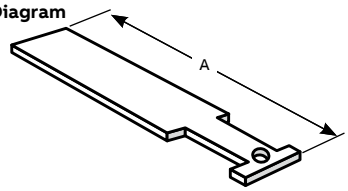
*Finishes
- GoldGalv®
- EG

U568 Beam clamp safety strap

For U563 beam clamp.

Cat. no.	Beam flange width (in.)	A (in.)	Wt./C lb
U568-1EG	6	8	18
U568-2EG	9	11	28

Diagram



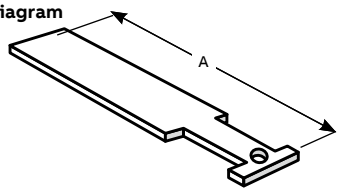
16 gauge material

U568 Beam clamp safety strap

For U562 and UM562 beam clamp.

Cat. no.	Beam flange width (in.)	A (in.)	Wt./C lb
U568-3EG	6	9	25
U568-4EG	9	12	33
U568-5EG	12	15	42

Diagram



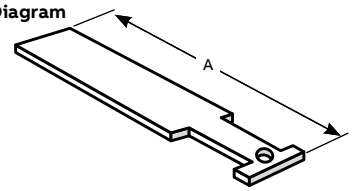
16 gauge material

U568 Beam clamp safety strap

For U560 and U564 beam clamp.

Cat. no.	Beam flange width (in.)	A (in.)	Wt./C lb
U568-4EG	6	9	33
U568-5EG	9	12	42
U568-6EG	12	15	24

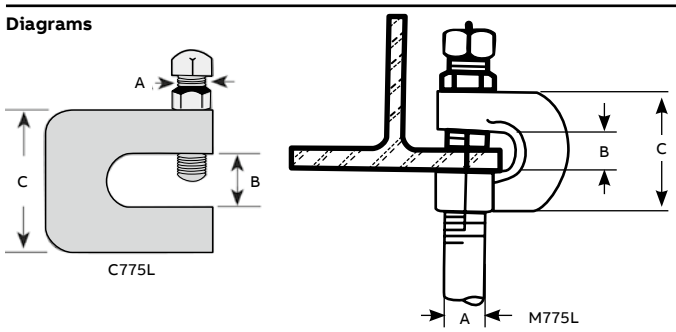
Diagram



16 gauge material

C775L/M775L Clamp with lock nut

Diagrams



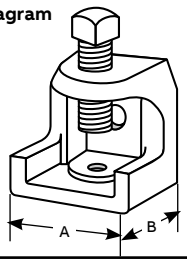
Cat. no.	Pipe size (in.)	Dimensions A (in.)	B (in.)	C (in.)	Wt./C lb	Design load, lb
C775L-3/8EG	⅜	⅜	⅜	¾	38	400
C775L-1/2EG	½	⅜	⅜	¾	39	500
C775L-5/8EG	⅝	½	½	¾	60	550
C775L-3/4EG	¾	⅝	⅝	¾	69	600
C775L-7/8EG	⅞	¾	¾	1	184	900
M775L-3/8EG	⅜	⅜	¾	1¾	27	400
M775L-1/2EG	½	½	¾	1¾	35	400
M775L-5/8EG	⅝	⅝	¾	2	52	440
M775L-3/4EG	¾	¾	¾	2	63	500

Standard finish – electrogalvanized (EG)
Malleable iron (M775L)
Carbon steel (C775L)

Beam clamps

Beam clamps for hanging rod

500SC, 502, 503SC, 507, 508, 509, 510, 511 Beam clamp

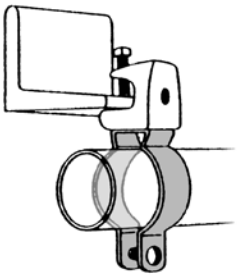
	Cat. no.	Tapped holes	Base dim. A (in.)	Base dim. B (in.)	Jaw opening (in.)	Wt./C lb	Design load/lb
Diagram 	500SC	¼–20	1	1¼	15/16	18	450
	502	3/8–16	2	2	1	92	1,300
	503SC	½–13	2⅝	2½	1	164	1,300
	507	½–13	2½	2⅜	1⅜	165	1,700
	508	½–13	2½	2⅜	2⅛	184	1,700
	509	10–24	1	1¼	15/16	22	375
	510	¼–20	27/32	1⅛	5/8	15	400
	511	10–24	27/32	1⅛	5/8	15	400

Standard finish – Electrogalvanized (no suffix)

6H series in combination with 500 series beam clamp conduit and pipe hanger

Features

- Accommodates ½ in. through 4 in. EMT or rigid conduit
- Can be used for either vertical or horizontal installation
- 6H-TB Series is threaded so there are fewer parts to handle or drop
- Installs easily with a screwdriver



Without bolt		With bolt				
Cat. no.	Fig. no.	Cat. no.	Fig. no.	EMT (in.)	Rigid conduit or pipe (in.)	Qty. per box
6H0	1	6H0-B	2	½	3/8–½	100
6H0-T	3	6H0-TB	4	½	3/8–½	100
6H1	1	6H1-B	2	¾	¾	100
6H1-T	3	6H1-TB	4	¾	¾	100
6H2	1	6H2-B	2	1	1	100
		6H2-TB	4	1	1	100
6H2 1/2	1	6H2 1/2B	2	1¼	–	100
		6H2 1/2-TB	4	1¼	–	100
6H3-SC	1	6H3-B	2	1½	1¼	100
		6H3-TB	4	1½	1¼	100
6H4	1	6H4-B	2	–	1½	100
		6H4-TB	4	–	1½	100
6H5	1	6H5-B	2	2	2	100
		6H5-TB	4	2	2	100
6H6	1	6H6-B	2	2½	2½	100
6H7	1	6H7-B	2	3	3	100
6H8	1	6H8-B	2	3½	3½	100
6H9	1	6H9-B	2	4	4	100

Diagrams

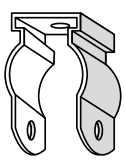


Fig. 1: 6H series without bolt



Fig. 2: 6H-B series with bolt and hex nut

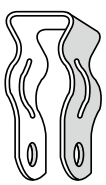


Fig. 3: 6H-T threaded series threaded without bolt

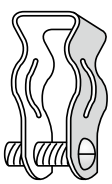
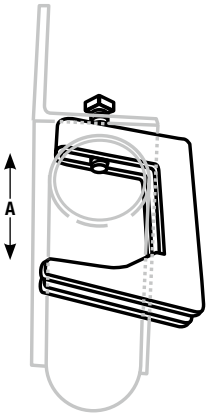


Fig.4: 6H-TB threaded series threaded with bolt

Standard finish – electrogalvanized (no suffix). Use SS suffix for stainless steel.
Load rating: 500 lb with a safety factor of 3. (For weight per 100 see page A44.)

Beam clamps

Beam clamps for mounting pipe and conduit



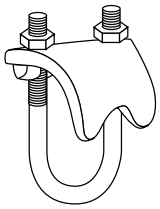
U571, U572 Conduit clamp
For attaching ½ in. thru 1½ in. conduit to beam, channel, angle or column. Secures conduit to the support parallel or at right angles to it.
5⁄16 in. set screw
12 gauge material
Standard finish – GoldGalv®
Wt./C 38 lb

Cat. no.	Conduit size (in.)	Max. flange thickness (in.)	Dim. A (in.)	Wt./C lb
U571	½	1	1¾	36
	¾	¾	1¾	36
	1	½	1¾	36
U572	¾	1½	2½	59
	1	1¼	2½	59
	1¼	1	2½	59
	1½	⅝	2½	59

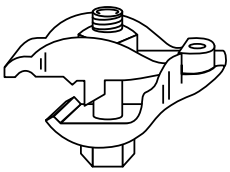
Pipe supports
Three types of pipe clamps are available to provide right angle, vertical and parallel attachment to a beam. Types RC, EC and PC are malleable iron clamps with an edge that grips the structural member for maximum holding power when tightened.

Type RCS clamps are all steel, providing two bearing surfaces for strong attachment for mounting pipe or conduit at right angles to the beam.

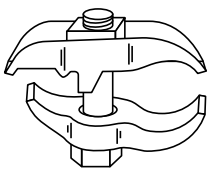
All parts are electrogalvanized (no suffix) including the threads. The clamps are designed for clamping to a wide variety of beam thicknesses and tapers. Can be installed using only a wrench.


Type RC and RCS

- Malleable iron
- For mounting pipe or conduit at right angles to the beam
- Use SS316 suffix for 316 stainless steel
- Use HDG suffix for hot-dipped galvanized


Type EC

- Malleable iron
- For mounting pipe or conduit vertically across the beam
- Use HDG suffix for hot-dipped galvanized
- CSA certified


Type PC

- Malleable iron
- For mounting pipe or conduit parallel to the beam
- Use HDG suffix for hot-dipped galvanized

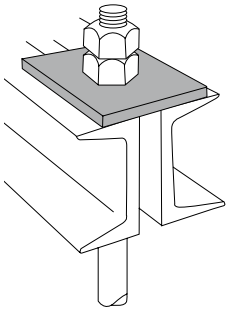
Cat. no. and size	O.D. of conduit or pipe (in.)	Nom. conduit or pipe size (in.)	Std. ctn.	Wt./C lb
RCS-3/8	0.675	⅜	50	31
RCS-1/2	0.840	½	50	34
RCS-3/4	1.050	¾	50	39
RCS-1	1.315	1	50	42
RCS-1-1/4	1.660	1¼	50	43
RCS-1-1/2	1.900	1½	50	60
RCS-2	2.375	2	50	72
RC-1/2	0.840	½	50	36
RC-3/4	1.050	¾	50	43
RC-1	1.315	1	50	49
RC-1-1/4	1.660	1¼	50	51
RC-1-1/2	1.900	1½	50	54
RC-2-SC	2.375	2	50	76
RC-2-1/2	2.875	2½	25	107
RC-3	3.500	3	25	116
RC-3-1/2	4.000	3½	25	134
RC-4-SC	4.500	4	20	158
EC-1/2	0.840	½	50	69
EC-3/4	1.050	¾	50	78
EC-1	1.315	1	25	83
EC-1-1/4	1.660	1¼	25	108
EC-1-1/2	1.900	1½	25	112
EC-2	2.375	2	25	140
EC-2-1/2	2.875	2½	10	183
EC-3	3.500	3	10	203
PC-3/8	0.675	⅜	50	32
PC-1/2	0.840	½	50	53
PC-3/4	1.050	¾	50	53
PC-1	1.315	1	50	61
PC-1-1/4	1.660	1¼	25	79
PC-1-1/2	1.900	1½	25	56
PC-2	2.375	2	25	116
PC-2-1/2	2.875	2½	25	148
PC-3	3.500	3	10	175
PC-3-1/2	4.000	3½	10	199
PC-4	4.500	4	10	224

Beam clamps

Beam fittings

C781 Square washer

Std. pack 50



Cat. no.	Rod size (in.)	Hole size (in.)	Overall dimensions	Wt./C lb
C781-3/8*	3/8	7/16	3 x 3 x 3/16	27
C781-1/2*	1/2	9/16	3 x 3 x 3/16	27
C781-5/8*	5/8	11/16	3 x 3 x 1/4	47
C781-3/4*	3/4	13/16	3 x 3 x 1/4	42
C781-7/8*	7/8	15/16	4 x 4 x 3/8	85
C781-1*	1	1 1/8	4 x 4 x 3/8	160

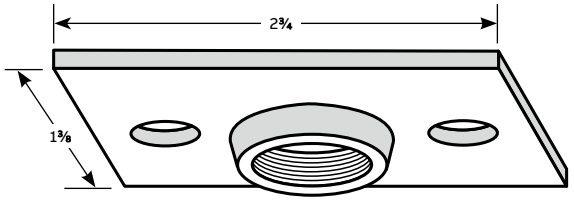
*Finishes
- B
- EDG
- EG
- SS6

Used for beam applications.
For channel applications, use AB241.

M742R Ceiling flange

Cat. no.	Rod size (in.)	Wt./C lb
M742R-3/8*	3/8	16
M742R-1/2*	1/2	16

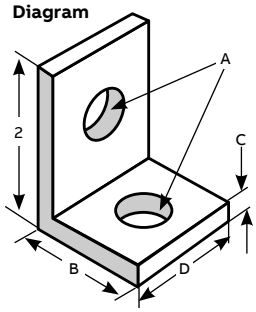
Diagram



*Finishes
- B
- EG

540 Side beam hanger clip

Diagram



Cat. no.	A (in.)	B (in.)	C (in.)	D (in.)	Wt./C lb
540-3/8*	7/16	1 7/8	1/4	7/8	38
540-1/2*	9/16	1 7/8	1/4	1 5/8	36
540-5/8*	11/16	2 1/2	3/8	2	84
540-3/4*	13/16	2 1/2	3/8	2	113

*Finishes
- B
- EG
- GoldGalv®

542 Side beam hanger clip

Cat. no.	Figure	Rod size (in.)	Design load/lb	Wt./C lb
542	1	3/8	610	35
	2	1/2	1,000	38

Diagrams

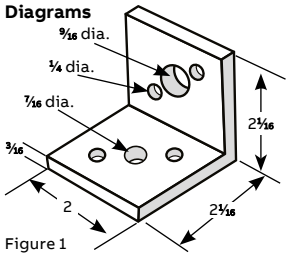


Figure 1

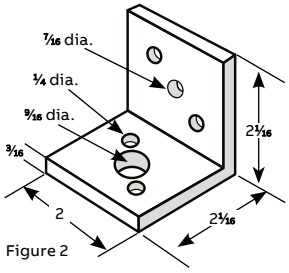
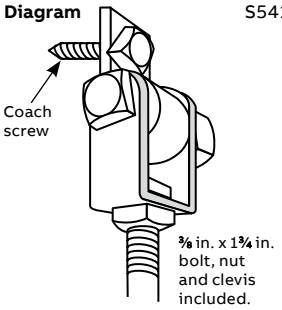


Figure 2

Standard finish – GoldGalv®
For 3/8 in. and 1/2 in. rods.

S541 Swing connector

Diagram



Cat. no.	Rod size (in.)	Wt./C lb
S541-3/8	3/8	31

Standard finish – GoldGalv®
For use with wood beam.

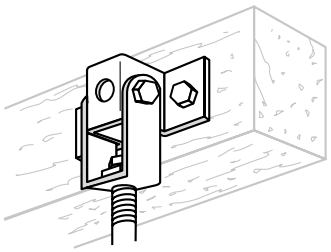
Materials	
HDG(C)	Hot-dipped galvanized
EG(C)	Electrogalvanized
(No suffix)	GoldGalv®
SS6(C)	Stainless steel 316

All dimensions shown are in in.

Beam clamps

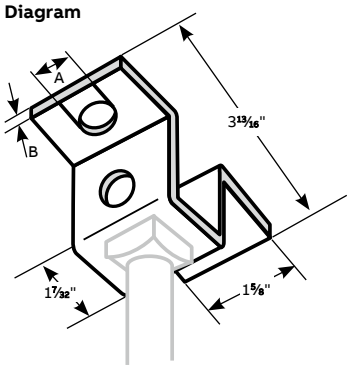
Beam fittings

U577 Clevis and swing connector

	Cat. no.	Rod size (in.)	Wt./C lb
	U577-1/2	½	69

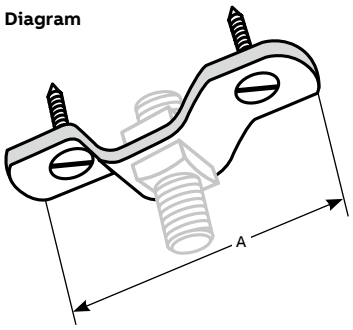
Standard finish – GoldGalv®
For use with wood beam.

U576 Hanger clevis

	Cat. no.	Hole A (in.)	Material thickness B (in.)	Wt./C lb
Diagram	U576-3/8	7/16	3/16	27
	U576-1/2	9/16	3/16	27

Standard finish – GoldGalv®
For rods up to ½ in.
Mounting holes 7/16 in. diameter.
For use with wood beam.

U579 Ceiling flange

	Cat. no.	A (in.)	Wt./C lb
Diagram	U579-3/8	3½	30
	U579-1/2	4¼	50

Standard finish – GoldGalv®
Malleable iron
Nuts and wood screws not included. Mounting holes 13/32 in.