
Beam clamps

Design loads

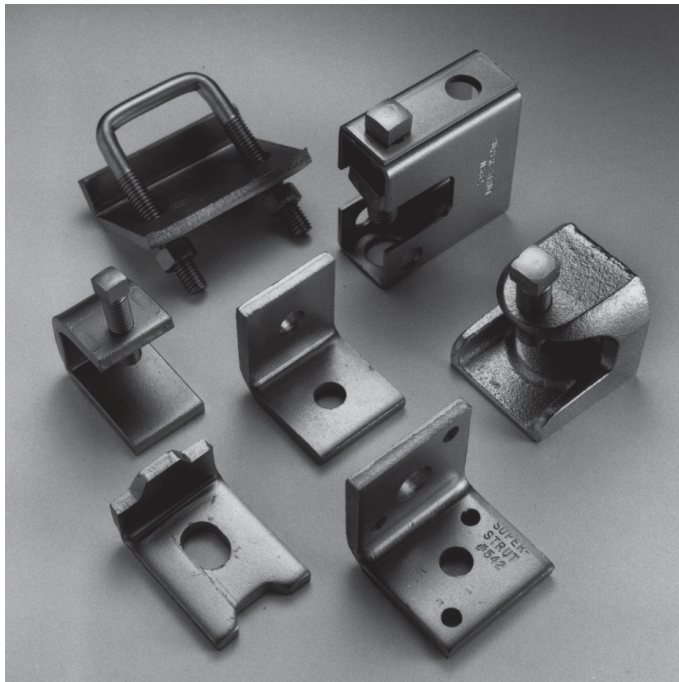
Where design loads are indicated, they provide for a safety factor of 3 in conformance with the American Standard Code for Pressure Piping. For more information, see page A66 for engineering data and specifications.

Finishes and special materials

Hot-dipped galvanized (HDGC) is standard for all Superstrut beam clamps. The material is zinc coated after fabrication providing total product

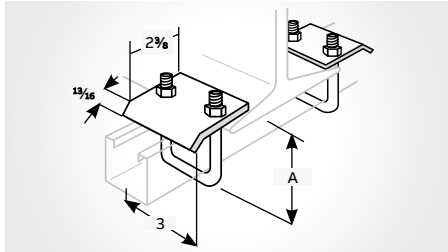
protection on all surfaces. The fabricated beam clamps are suspended and then dipped into tanks of hot zinc for a prolonged period, creating a coherent bond.

Selected beam clamps can also be available in GoldGalv® (no suffix) or stainless steel type 316 (SS6C). Contact your regional sales office for availability and minimum quantities.

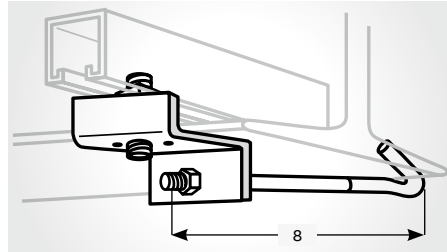


Beam clamps

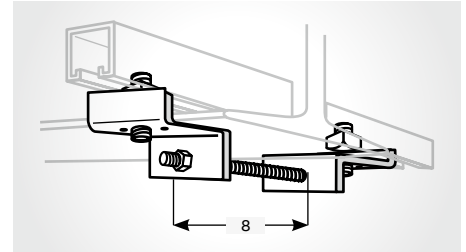
Beam clamps for mounting channel



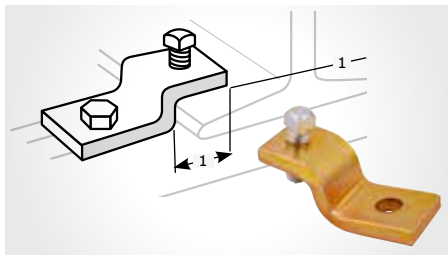
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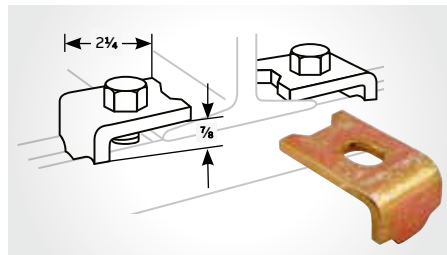
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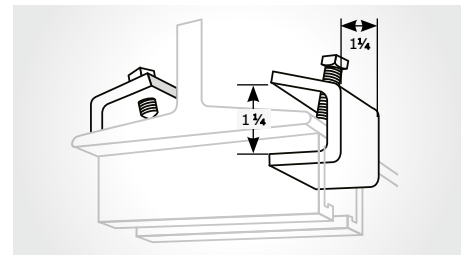
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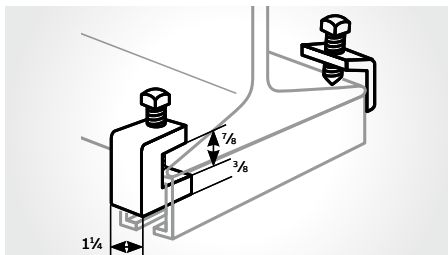
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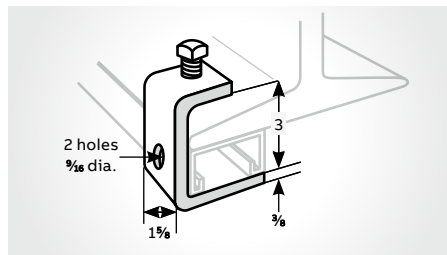
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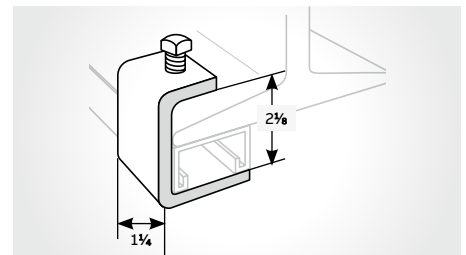
06



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	Wt./C lb
			(in.)	
U501*	A1200	A1400	3 3/16	90
	B1200	B1400	3 3/16	90
	C1200	B1402	3 3/16	90
U502*	A1202	A1402	4 13/16	100
	C1202	H1200	4 13/16	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

1/2 in. x 1 1/2 in. set screw included.
Order separately one 1/2 in. x 1 1/2 in. hex head cap screw and 1/2 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 1/2 in. x 1 1/2 in. hex head cap screw and 1/2 in. channel nut.
Wt./C 26 lb

06 **U514**
U514HDGC
U514EG
U514
U514SS6
3/8 in. x 1 1/2 in. set screw included.
Design load 750 lb/pair
Wt./C 40 lb

07 **U514-A**
U514-AHDGC
U514-AEG
U514-A
U514-ASS6
1/2 in. x 1 1/2 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.
1/2 in. x 1 1/2 in. set screw included.
Design load 800 lb
Wt./C 95 lb

09 **U515B**
U515BHDG
U515BEG
U515B
U515BSS6
For all B series channel.
1/2 in. x 1 1/2 in. set screw included.
Design load 800 lb
Wt./C 91 lb

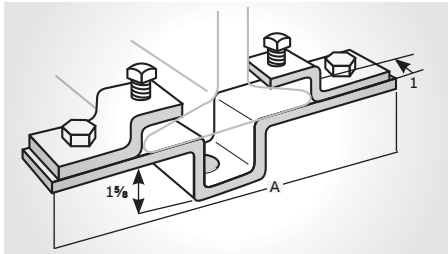
Materials

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

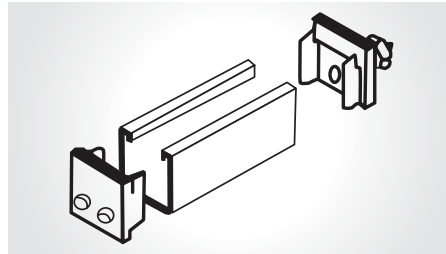
All dimensions shown are in in.

Beam clamps

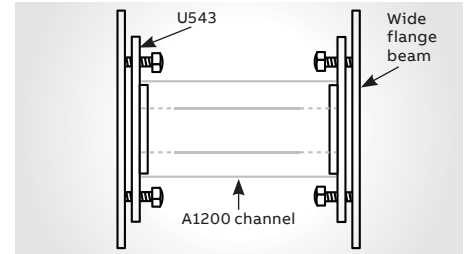
Beam clamps for mounting channel



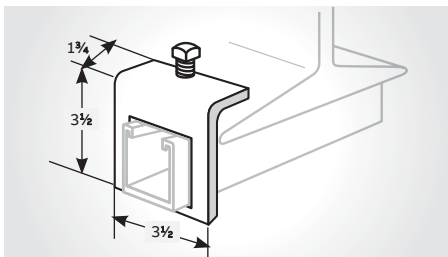
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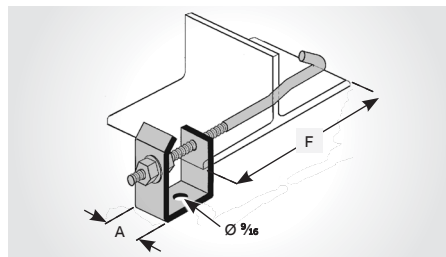
02



03



04



05

01 U520, U521, U522

*Finishes
• GoldGalv®

Cat. no.	Flange Width	A	Wt./C lb	Design load lb/ea
U520*	2 3/8–4 1/2	8 3/4	328	2,000
U521*	3 3/4–5 3/4	10	343	1,300
U522*	5 5/8–7 5/8	11 5/8	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
	A	F		
A597*	A		108	800

05 U570-1, U570-2

*Finishes
• HDGC

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

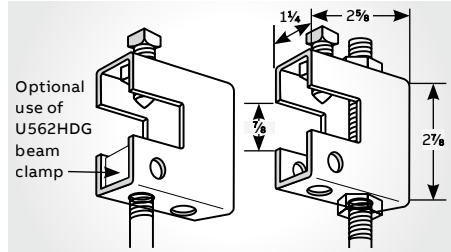
Materials

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

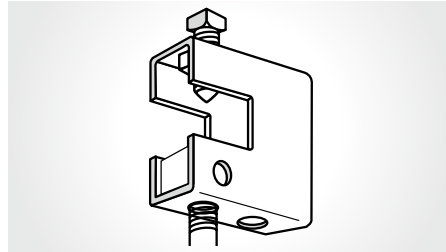
All dimensions shown are in in.

Beam clamps

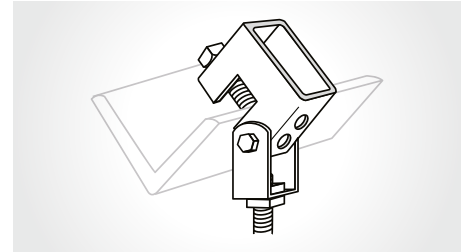
Beam clamps for hanging rod



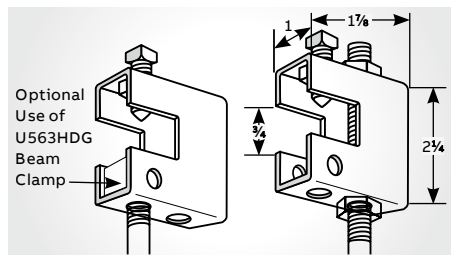
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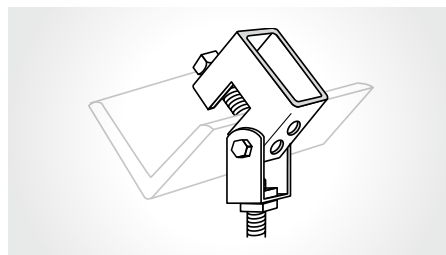
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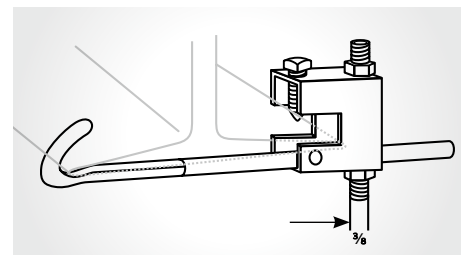
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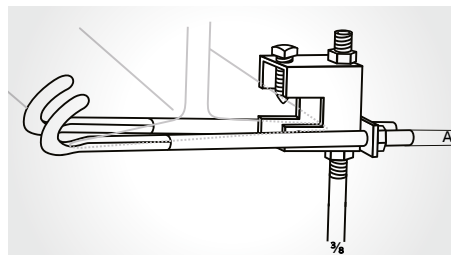
04



05



06



07

01 U562 Beam clamp
 U562HDG
 U562EG
 U562
 E146 square nut
 order separately.
 1/2 in. set screw
 included.

Rod size (in.)	Wt./C lb	Design load lb/ea
1/2	80	800

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

Rod size (in.)	Wt./C lb	Design load lb/ea
1/2	80	500

02 UM562 Beam clamp
 UM562HDGC
 UM562SS6
 E146 square nut
 order separately.
 1/2 in. set screw
 included.

Rod size (in.)	Wt./C lb	Design load lb/ea
1/2	100	1,200

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

03 US562 Beam clamp with Swing Hanger
 US562HDG
 US562EG
 US562
 US562
 1/2 in. set screw
 included.

Rod size (in.)	Wt./C lb	Design load lb/ea
1/2	113	800

04 U563 Beam clamp
 U563HDG
 U563EG
 U563
 U563SS6
 Square nut order
 separately.
 3/8 in. set screw
 included.

Rod size (in.)	Wt./C lb	Design load lb/ea
3/8	33	400

3/8 in. set screw included.

Rod size (in.)	Wt./C lb	Design load lb/ea
3/8	33	240

05 US563 Beam clamp with swing hanger
 US563HDG
 US563
 US563
 3/8 in. set screw
 included.

Rod size (in.)	Wt./C lb	Design load lb/ea
3/8	50	400

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

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

Cat. no.	A size (in.)	Wt./C lb	Design load lb/ea
U569	3/8	150	400

07 A570 Beam clamp with safety rod
 Flange width 4 in.
 min.–8 in. max.
 For use with 3/8 in.
 rod see U-569.

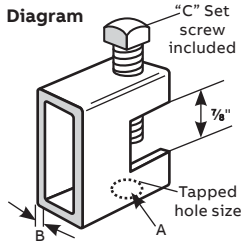
Cat. no.	A size (in.)	Wt./C lb	Design load lb/ea
A570HDG	1/2	220	500

All dimensions shown are in in.

Beam clamps

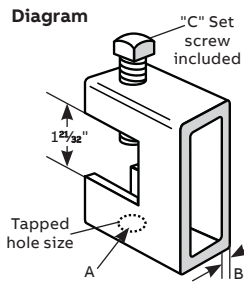
Beam clamps for hanging rod

U560 Heavy-duty beam clamp

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

*Finishes
 • GoldGalv®
 • EG

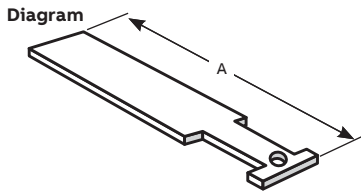
U564 Heavy-duty beam clamp

	Cat. no.	A (in.)	B (in.)	C (in.)	Wt./C lb	Design load, lb
Diagram 	U564-3/8*	3/8	1/8	3/8 x 2 3/4	109	1,300
	U564-1/2*	1/2	1/4	1/2 x 2 3/4	201	3,150
	U564-5/8*	5/8	1/4	1/2 x 2 3/4	201	3,150

*Finishes
 • GoldGalv®
 • EG

U568 Beam clamp safety strap For U563 beam clamp.

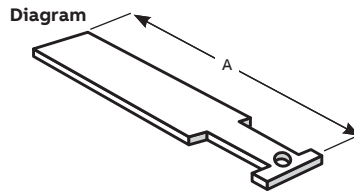
Cat. no.	Beam flange width (in.)	A (in.)	Wt./C lb
U568-1EG	6	8	18
U568-2EG	9	11	28



16 gauge material

U568 Beam clamp safety strap For U562 and UM562 beam clamp.

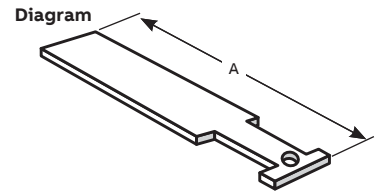
Cat. no.	Beam flange width (in.)	A (in.)	Wt./C lb
U568-3EG	6	9	25
U568-4EG	9	12	33
U568-5EG	12	15	42



16 gauge material

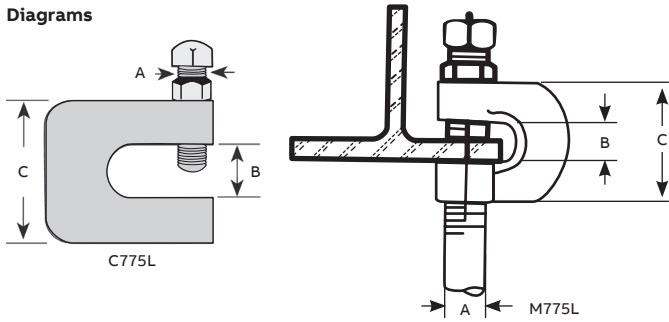
U568 Beam clamp safety strap For U560 and U564 beam clamp.

Cat. no.	Beam flange width (in.)	A (in.)	Wt./C lb
U568-6EG	6	9	33
U568-7EG	9	12	42
U568-8EG	12	15	24



16 gauge material

C775L/M775L Clamp with lock nut

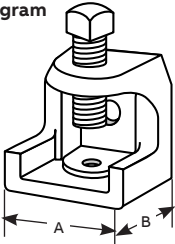
Diagrams 	Cat. no.	Pipe size (in.)	Dimensions			Wt./C lb	Design load, lb
			A (in.)	B (in.)	C (in.)		
	C775L-3/8EG	3/8	3/8	3/8	3/4	38	400
	C775L-1/2EG	1/2	3/8	3/8	3/4	39	500
	C775L-5/8EG	5/8	1/2	1/2	3/4	60	550
	C775L-3/4EG	3/4	5/8	5/8	3/4	69	600
	C775L-7/8EG	7/8	3/4	3/4	1	184	900
	M775L-3/8EG	3/8	3/8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

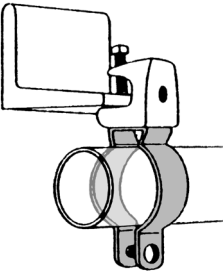
Diagram	Cat. no.	Tapped holes	Base dim.		Jaw opening (in.)	Wt./C lb	Design load/lb
			A (in.)	B (in.)			
	500SC	¼-20	1	1¼	15/16	18	450
	502	¾-16	2	2	1	92	1,300
	503SC	½-13	25/8	2½	1	164	1,300
	507	½-13	2½	2¾	1¾	165	1,700
	508	½-13	2½	2¾	2½	184	1,700
	509	10-24	1	1¼	15/16	22	375
	510	¼-20	27/32	1½	5/8	15	400
	511	10-24	27/32	1½	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

Diagram	Without bolt		With bolt		EMT (in.)	Rigid conduit or pipe (in.)	Qty. per box
	Cat. no.	Fig. no.	Cat. no.	Fig. no.			
	6H0	1	6H0-B	2	½	¾-½	100
	6H0-T	3	6H0-TB	4	½	¾-½	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

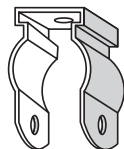


Fig. 1: 6H series without bolt



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



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

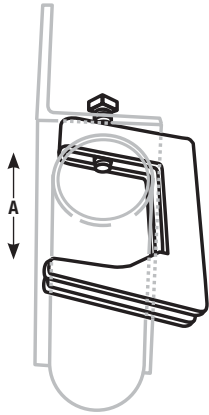


Fig. 4: 6H-TB threaded series threaded with bolt

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 1/2 in. thru 1 1/2 in. conduit to beam, channel, angle or column. Secures conduit to the support parallel or at right angles to it.

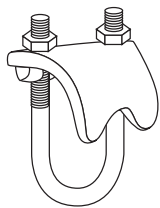
- 5/16 in. set screw
- 12 gauge material
- Standard finish – GoldGalv®
- Wt./C 38 lb

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.

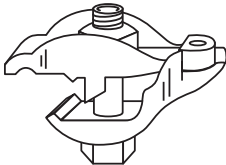
Type RCS clamps are all steel, providing two bearing surfaces for strong attachment for mounting pipe or conduit at right angles to the beam.

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.



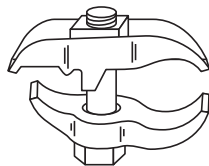
Type RC and RCS

- 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.	Conduit size (in.)	Max. flange thickness (in.)	Dim. A (in.)	Wt./C lb
U571	1/2	1	1 3/4	36
	3/4	3/4	1 3/4	36
	1	1/2	1 3/4	36
U572	3/4	1 1/2	2 1/2	59
	1	1 1/4	2 1/2	59
	1 1/4	1	2 1/2	59
	1 1/2	5/8	2 1/2	59

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	3/8	50	31
RCS-1/2	0.840	1/2	50	34
RCS-3/4	1.050	3/4	50	39
RCS-1	1.315	1	50	42
RCS-1-1/4	1.660	1 1/4	50	43
RCS-1-1/2	1.900	1 1/2	50	60
RCS-2	2.375	2	50	72
RC-1/2	0.840	1/2	50	36
RC-3/4	1.050	3/4	50	43
RC-1	1.315	1	50	49
RC-1-1/4	1.660	1 1/4	50	51
RC-1-1/2	1.900	1 1/2	50	54
RC-2-SC	2.375	2	50	76
RC-2-1/2	2.875	2 1/2	25	107
RC-3	3.500	3	25	116
RC-3-1/2	4.000	3 1/2	25	134
RC-4-SC	4.500	4	20	158
EC-1/2	0.840	1/2	50	69
EC-3/4	1.050	3/4	50	78
EC-1	1.315	1	25	83
EC-1-1/4	1.660	1 1/4	25	108
EC-1-1/2	1.900	1 1/2	25	112
EC-2	2.375	2	25	140
EC-2-1/2	2.875	2 1/2	10	183
EC-3	3.500	3	10	203
PC-3/8	0.675	3/8	50	32
PC-1/2	0.840	1/2	50	53
PC-3/4	1.050	3/4	50	53
PC-1	1.315	1	50	61
PC-1-1/4	1.660	1 1/4	25	79
PC-1-1/2	1.900	1 1/2	25	56
PC-2	2.375	2	25	116
PC-2-1/2	2.875	2 1/2	25	148
PC-3	3.500	3	10	175
PC-3-1/2	4.000	3 1/2	10	199
PC-4	4.500	4	10	224

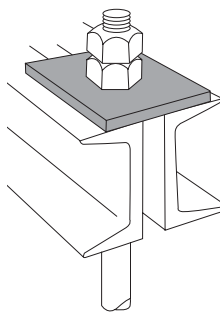
Beam clamps

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

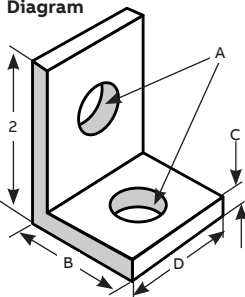


- *Finishes
- B
 - EDG
 - EG
 - SS6

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

540 Side beam hanger clip

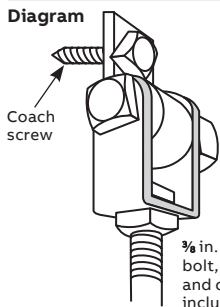
Cat. no.	A (in.)	B (in.)	C (in.)	D (in.)	Wt./C lb
540-3/8*	7/16	1 1/8	1/4	7/8	38
540-1/2*	9/16	1 1/8	1/4	1 1/8	36
540-5/8*	1 1/16	2 1/2	3/8	2	84
540-3/4*	1 3/16	2 1/2	3/8	2	113



- *Finishes
- B
 - EG
 - GoldGalv®

S541 Swing connector

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



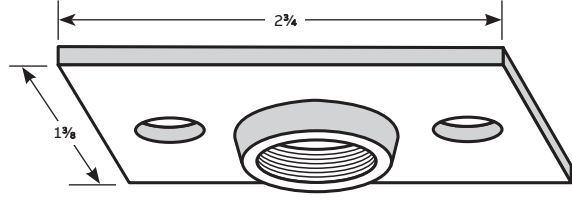
3/8 in. x 1 3/4 in. bolt, nut and clevis included.

Standard finish – GoldGalv®
For use with wood beam.

M742R Ceiling flange

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

Diagram

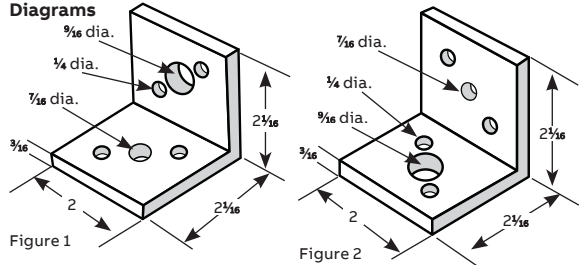


- *Finishes
- B
 - EG

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



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

Materials

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

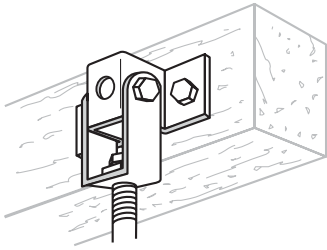
All dimensions shown are in in.

Beam clamps

Beam fittings

U577 Clevis and swing connector

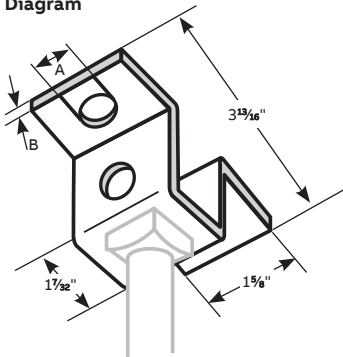
	Cat. no.	Rod size (in.)	Wt./C lb
	U577-1/2	1/2	69



Standard finish – GoldGalv®
For use with wood beam.

U576 Hanger clevis

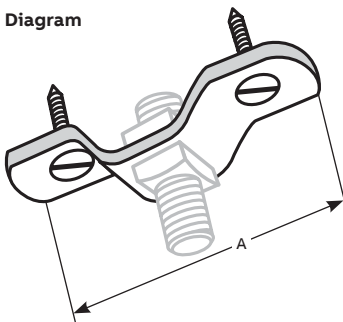
	Cat. no.	Hole A (in.)	Material thickness B (in.)	Wt./C lb
Diagram	U576-3/8	7/16	3/16	27
	U576-1/2	9/16	3/16	27



Standard finish – GoldGalv®
For rods up to 1/2 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	3 1/2	30
	U579-1/2	4 1/4	50



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