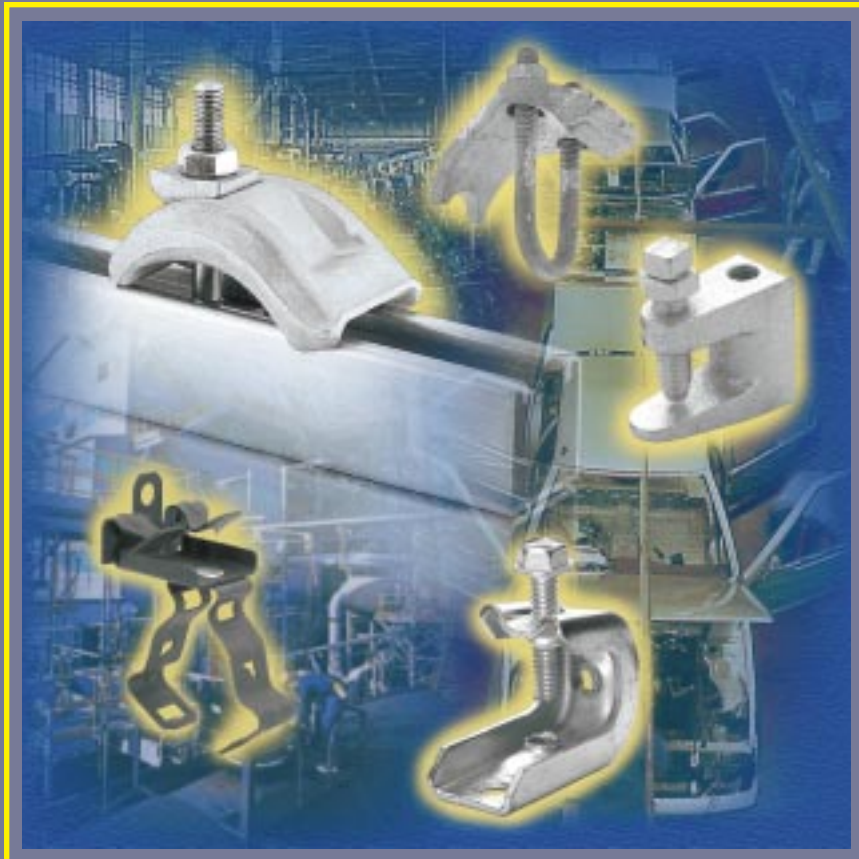




**ELECTRICAL FASTENERS FOR INDUSTRIAL
AND ENGINEERED APPLICATIONS**



ERICO®



INDUSTRIAL APPLICATIONS

***For more than 30 years,
CADDY® has lead the
electrical industry as the
#1 manufacturer of
innovative fasteners...***

Our value-added, spring steel fasteners have earned a reputation for innovation and quality. ERICO is building on this reputation by bringing CADDY Fasteners innovation to our new offering of supports and fasteners for the installation of heavier electrical systems.

We manufactured a new family of fasteners specifically for heavy duty industrial construction.

For example, our 6000 Clamping System was made to specifically attach or suspend services such as cable tray, large equipment or pipe works, with maximum security onto steel beams.

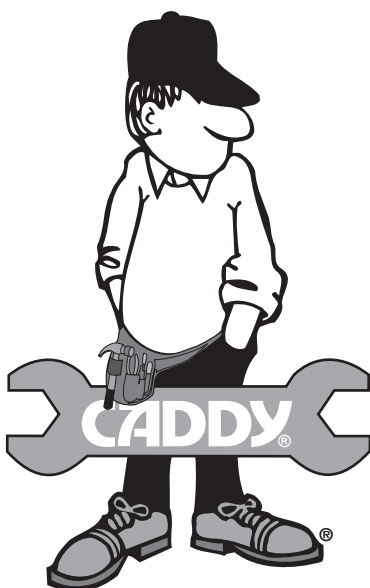


6000 Clamping System

ERICO stands behind the quality and reliability of our fasteners that are shipped from our ISO 9001 Certified facility. In the CADDY tradition, our goal is to make heavyweight industrial fasteners just as quick and easy to install as all our current fasteners. Look to ERICO's CADDY Fastener line for continual product innovation and improvements designed to provide reliable, cost-effective solutions for your fastening requirements.

ERICO®

**FREE
FASTENER
SAMPLES**



**See reply card
inside for details.**

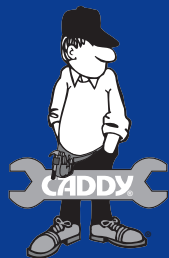


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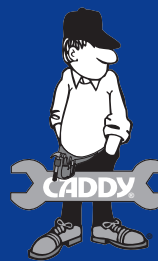
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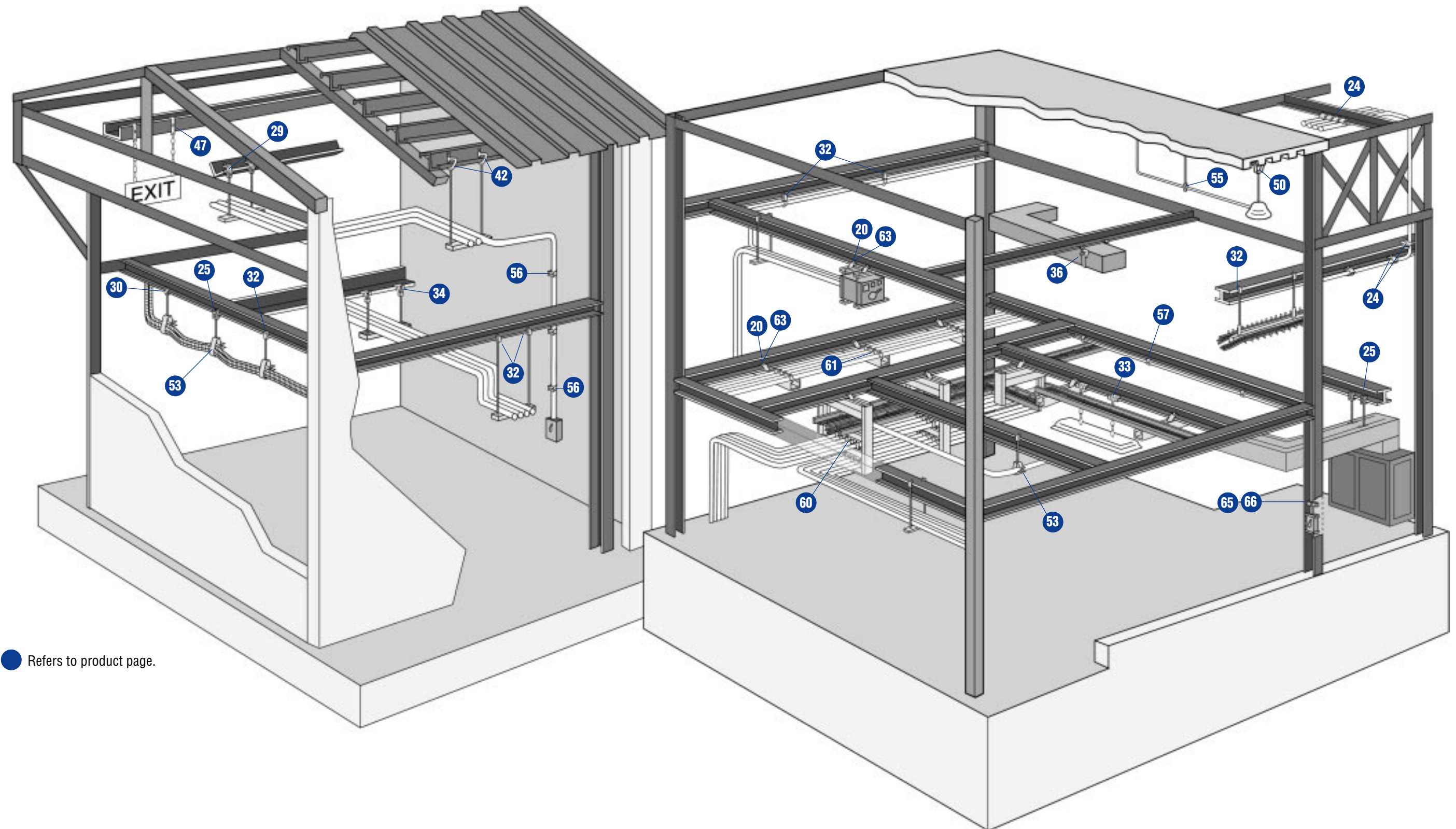
*For a complete list of UL Listed Fasteners,
refer to the index or contact the factory.*



CADDY® Fasteners, a standard in the electrical industry

Structural fastening systems require a high degree of reliability, and any compromise on quality cannot be accepted. Every detail of a CADDY Fastener, from its initial conception through design, manufacture and corrosion protection qualities, is aimed towards increasing safety and reliability.

“On-Site” application examples . . .



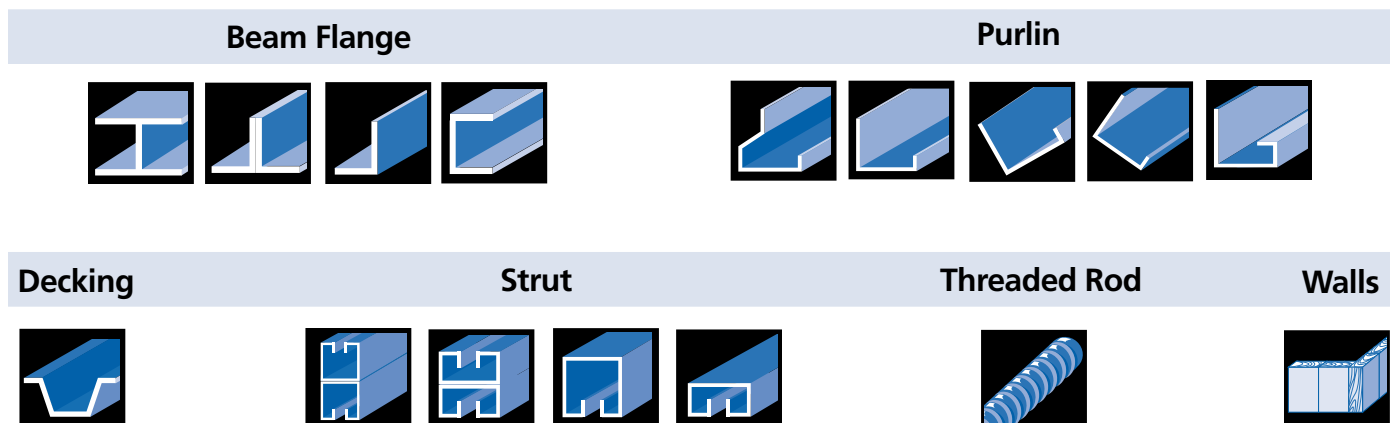


SYMBOLS

Throughout the pages of this catalog you will observe various “signs and symbols” relating to various aspects of the installation. A summary of which follows:

BASE MATERIAL

The following icons represent the various main and substructures for which CADDY Industrial Fasteners are designed.



INSTALLATION TOOLS



= Recommended Load
(see page 73 for details)

= Box Quantity

CORROSION PROTECTION

(see page 72 for details)

EG = Electrogalvanized

EPZ = Mechanical Galvanized Zinc

ZP = Zinc Phosphate

PG = Pre-Galvanized Zinc

SS = Stainless Steel






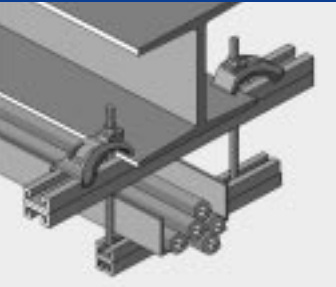
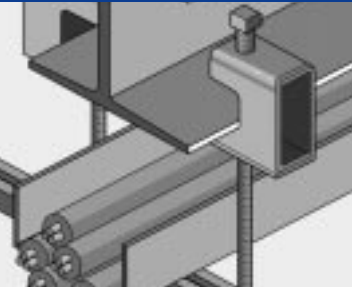
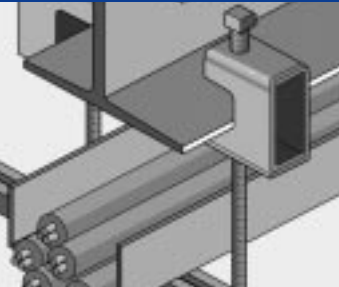
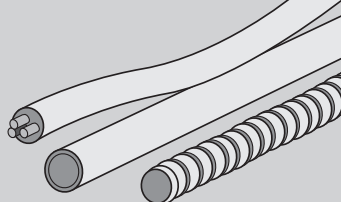
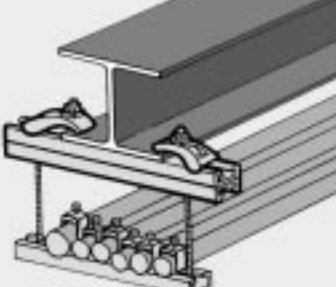
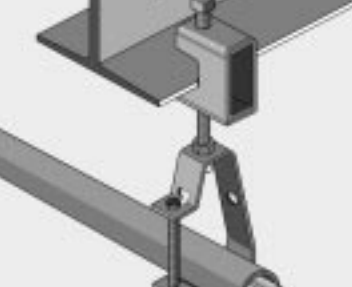
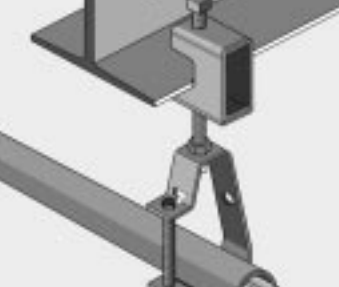
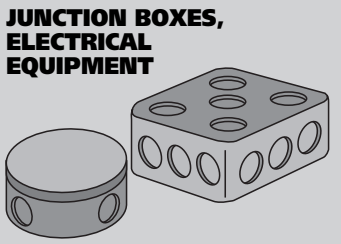
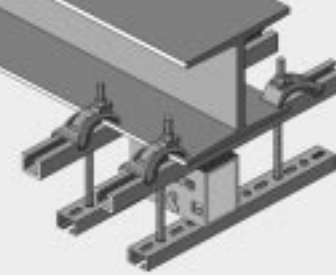
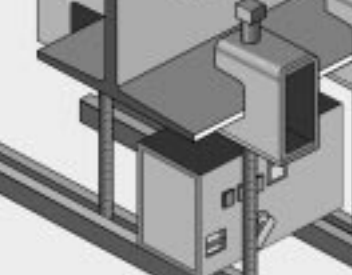
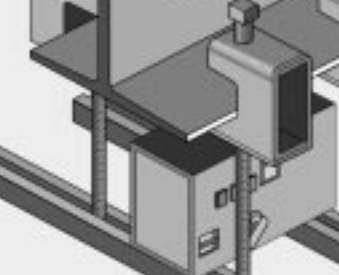
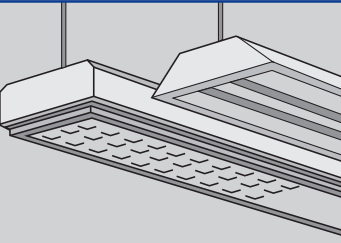
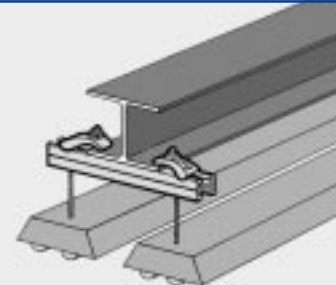
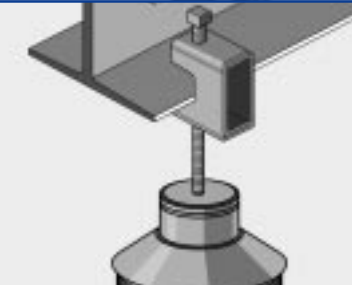
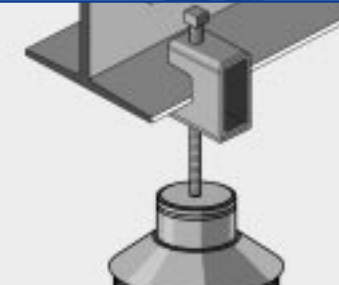
HDG = Hot Dipped Galvanized Zinc







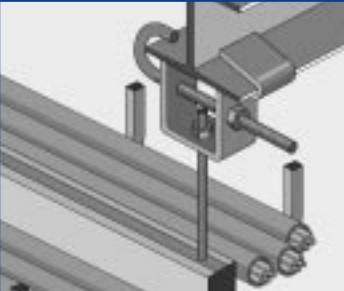
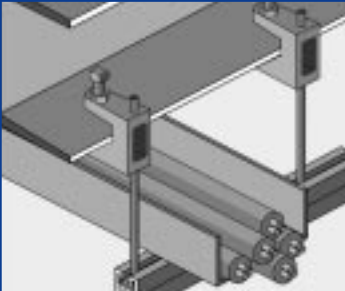
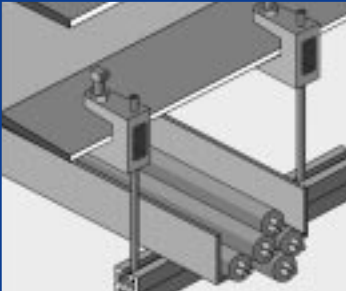
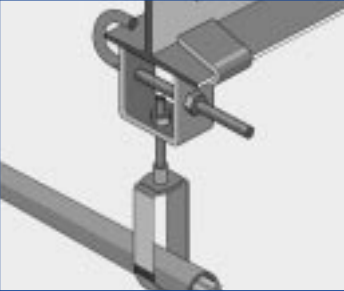
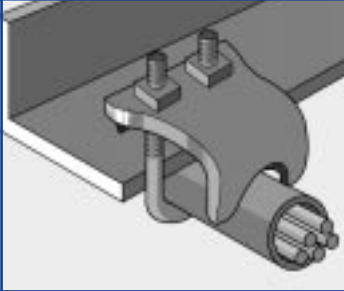
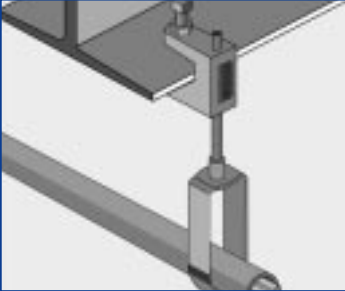
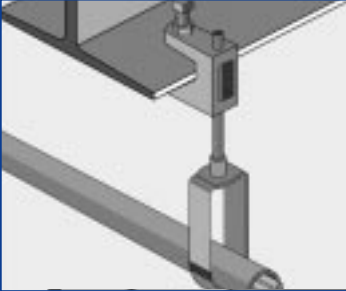
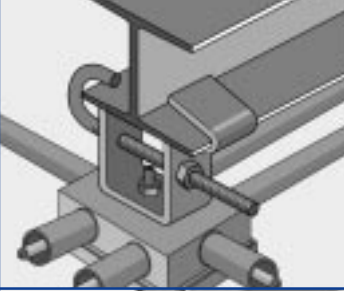
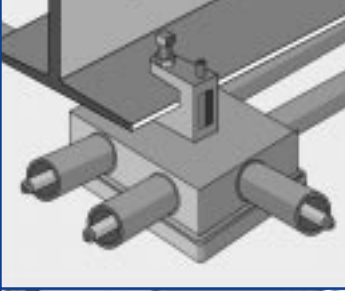
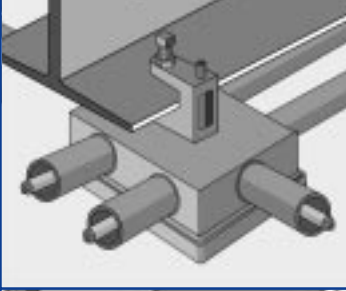

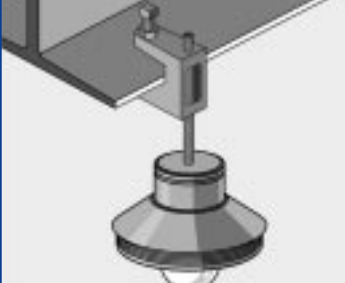
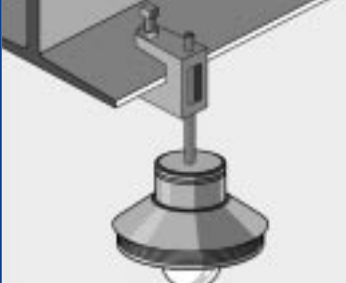
APPLICATIONS



STEEL BEAMS

			
	Page 20	Page 21	Page 22
	6000 Clamping System	BC14 Beam Clamp	BC13 Beam Clamp
Flange Size (up to)	1-3/8" (35 mm)	1-5/8" (41 mm)	7/8" (22 mm)
Load Rating (up to) 	2000 Lbs. (9.3 kN)	1900 Lbs. (8.4 kN)	1600 Lbs. (7.1 kN)
CABLE TRAY, TRUNKING 			
CONDUITS, TUBES 			
JUNCTION BOXES, ELECTRICAL EQUIPMENT 			
LIGHT FITTINGS 			






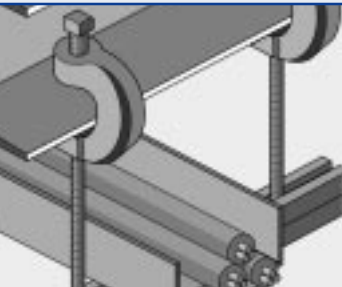
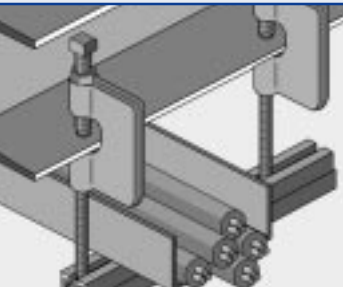
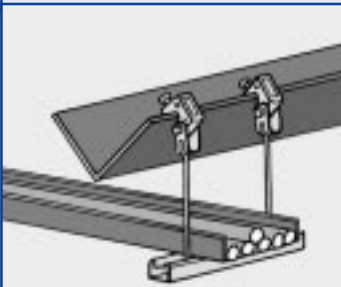
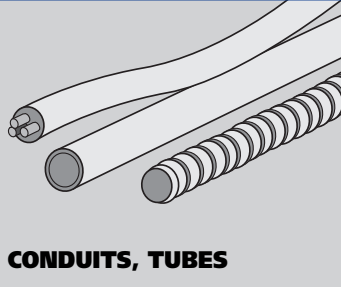
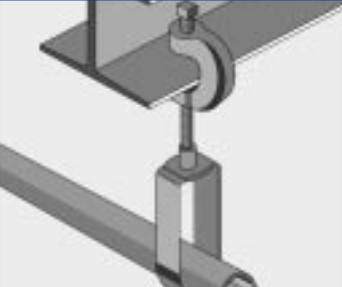
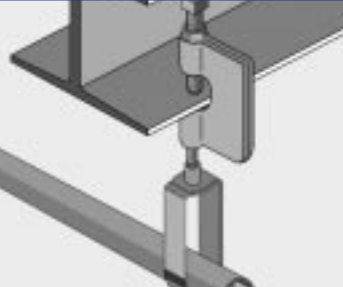
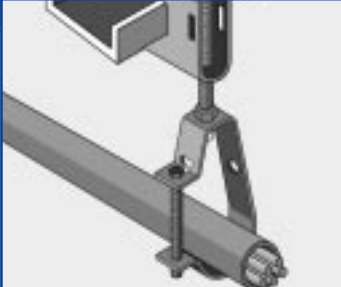
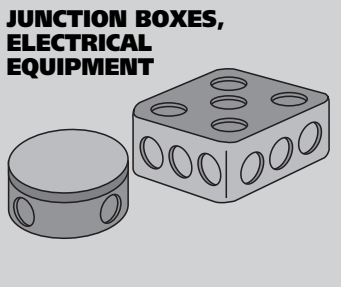
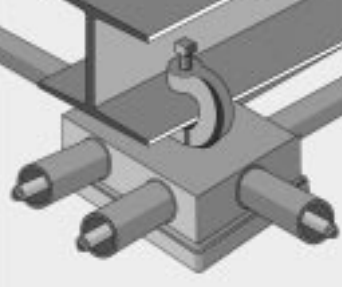
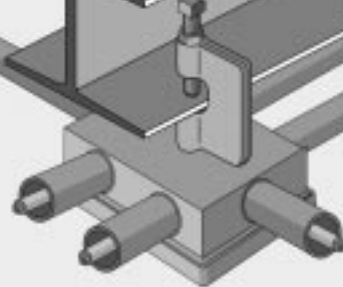
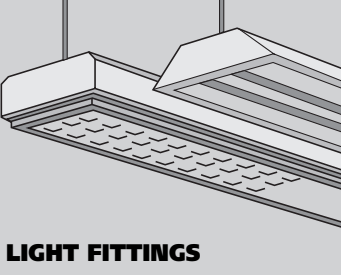

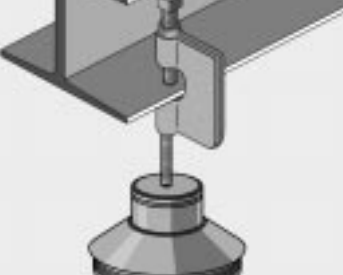

(continued on page 10)

			
Page 23	Page 24	Page 25	Page 26
363 Beam Clamp	PAR / ET / RA Clamps	300 Beam Clamp	310 Beam Clamp
5/8" (16 mm)	3/4" (20 mm)	3/4" (20 mm)	1-1/4" (32 mm)
1000 Lbs. (4.5 kN)		950 Lbs. (4.2 kN)	950 Lbs. (4.2 kN)
			
			
			
			





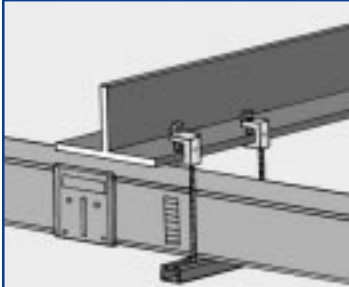
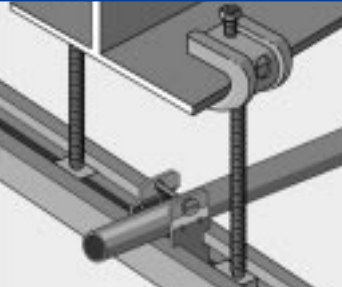
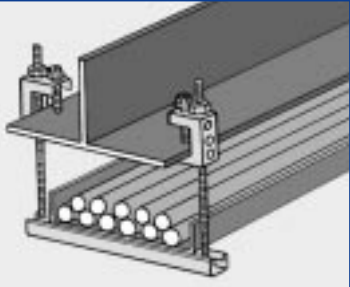
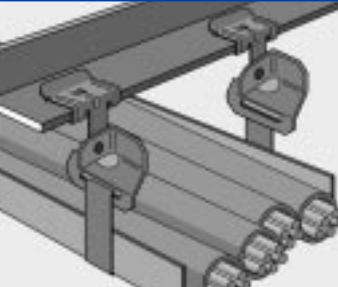
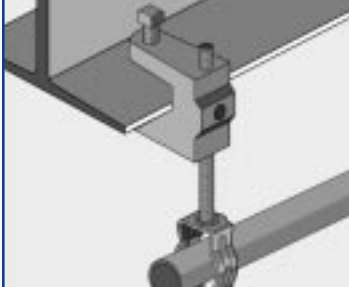
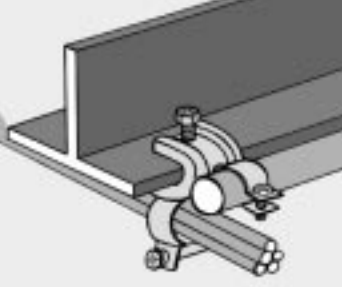
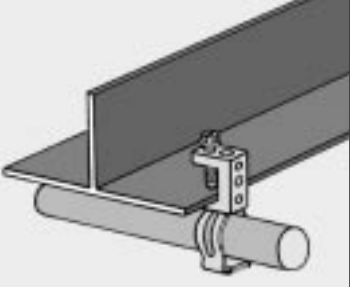
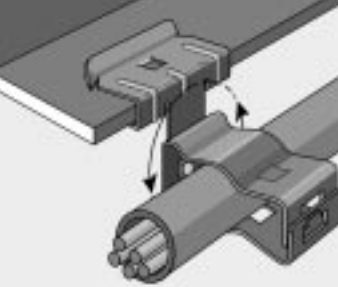
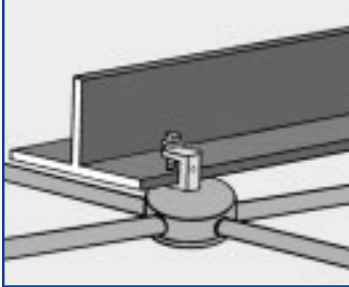
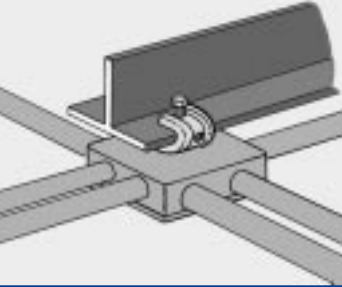
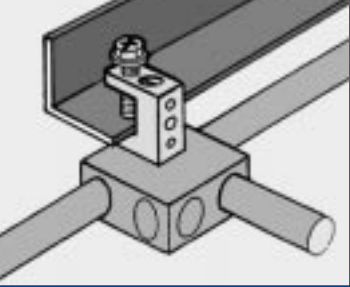
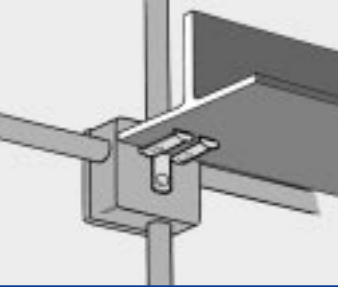
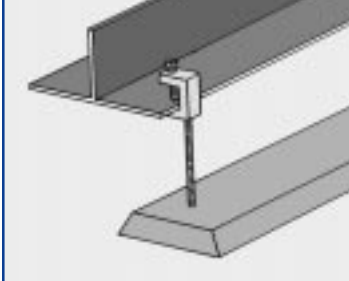
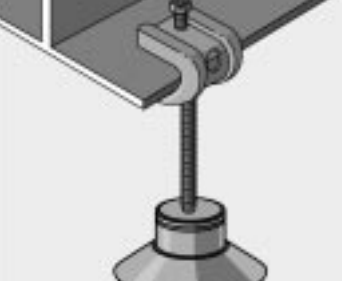
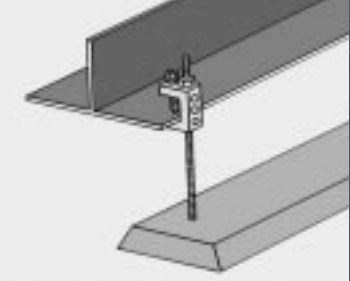
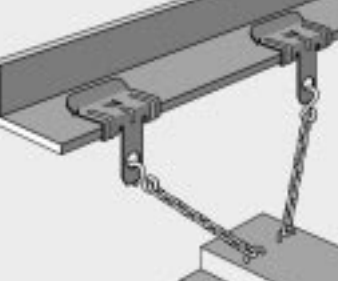


STEEL BEAMS

(continued from page 9)

			
	Page 27	Page 28	Page 29
	255 Beam Clamp	200 Beam Clamp	BC10 Beam Clamp
Flange Size (up to)	3/4" (20 mm)	3/4" (20 mm)	3/4" (20 mm)
Load Rating (up to) 	440 Lbs. (2 kN)	760 Lbs. (3.4 kN)	300 Lbs. (1.3 kN)
CABLE TRAY, TRUNKING 			
CONDUITS, TUBES 			
JUNCTION BOXES, ELECTRICAL EQUIPMENT 			
LIGHT FITTINGS 			


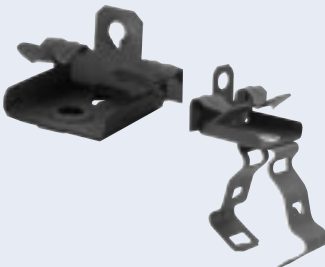



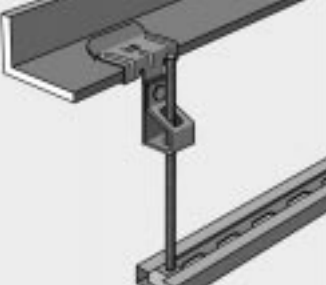
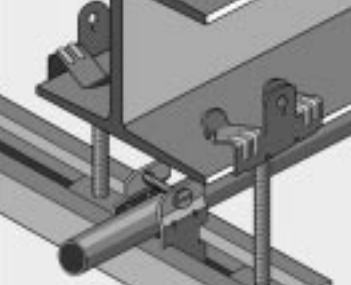
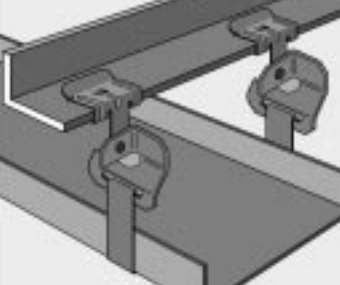
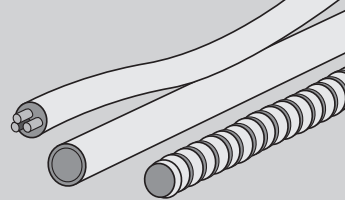

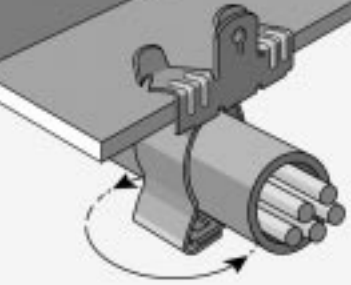
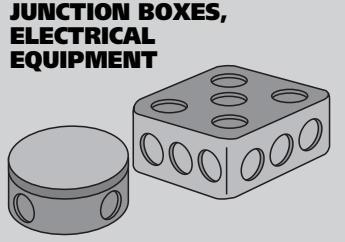
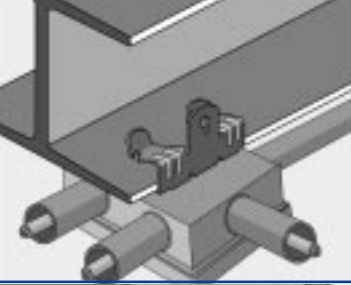
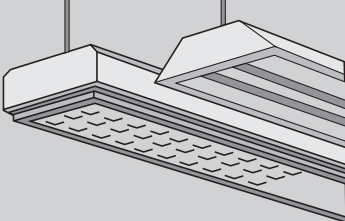

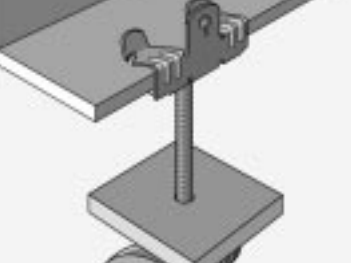
(continued on page 12)

			
Page 30	Page 31	Page 32	Page 33
BC26 Beam Clamp	BC200 & BC400	BC Beam Clamps	H Series Hammer On
3/4" (20 mm)	3/4" (20 mm)	3/8" (16 mm)	3/4" (20 mm)
250 Lbs. (1.1 kN)	200 Lbs. (0.9 kN)	100 Lbs. (0.5 kN)	200 Lbs. (0.9 kN)
			
			
			
			



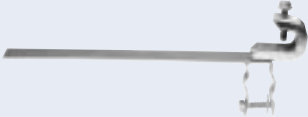



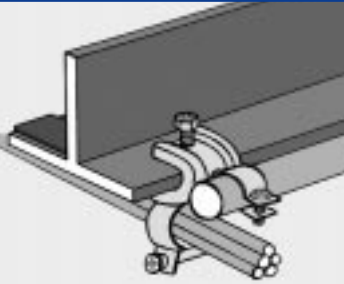
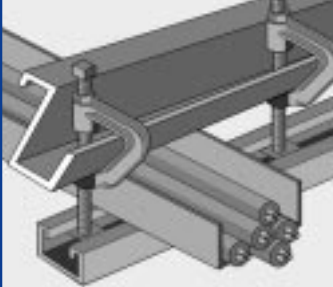
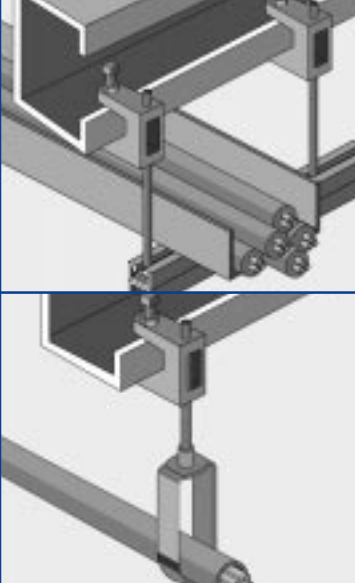
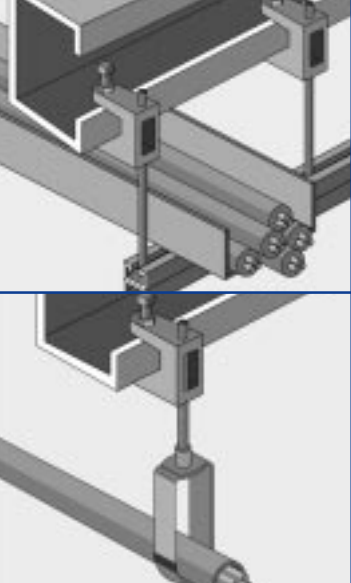
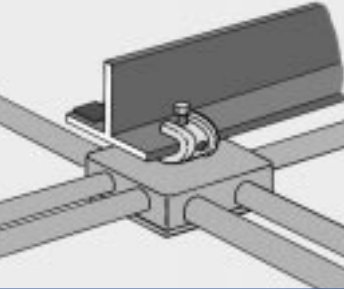

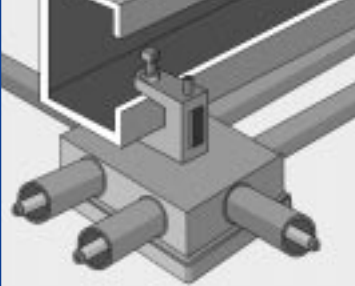
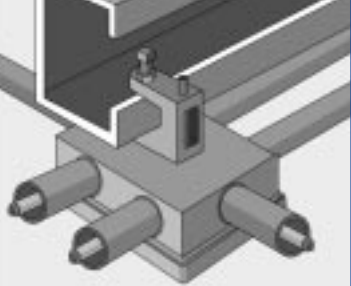


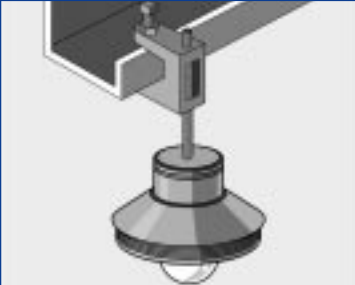
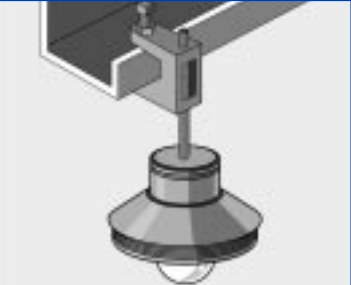
STEEL BEAMS

(continued from page 11)

			
	Page 34	Page 35	Page 36
	H Series Hammer On	Hammer On Flange	Strap Hanger Clips
Flange Size (up to)	3/4" (20 mm)	3/4" (20 mm)	3/4" (20 mm)
Load Rating (up to) 	200 Lbs. (0.9 kN)	100 Lbs. (0.5 kN)	200 Lbs. (0.9 kN)
 CABLE TRAY, TRUNKING			
 CONDUITS, TUBES			
 JUNCTION BOXES, ELECTRICAL EQUIPMENT			
 LIGHT FITTINGS			

PURLINS






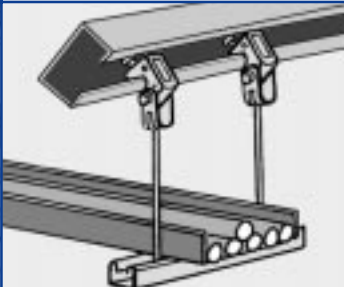
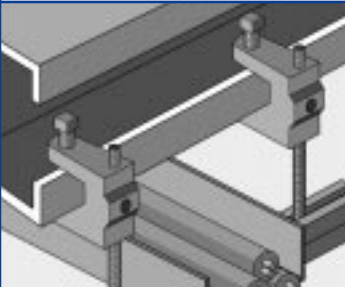
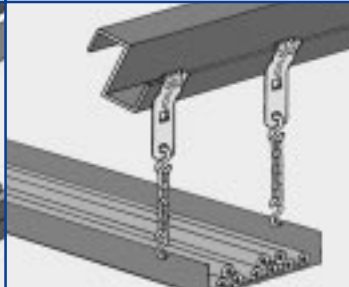
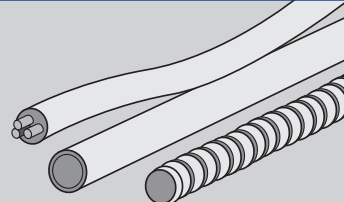
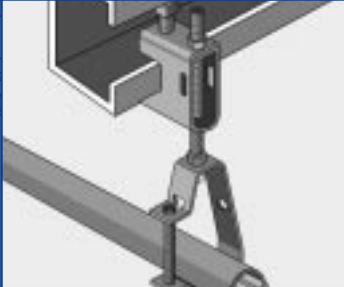
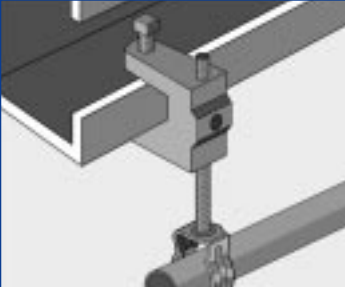
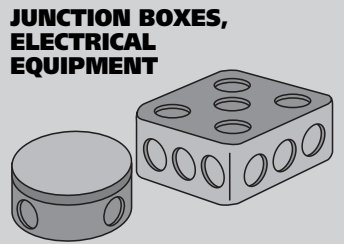
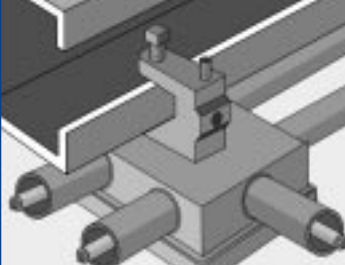
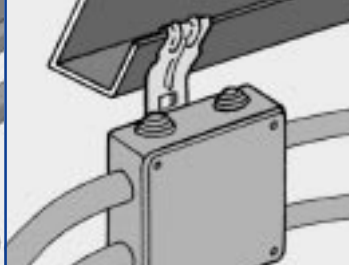
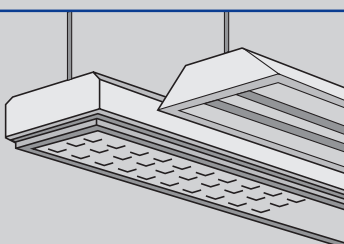
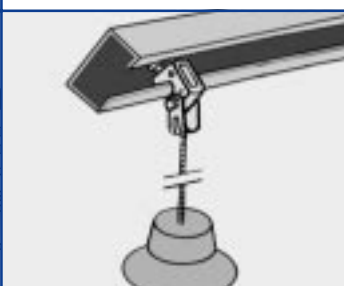
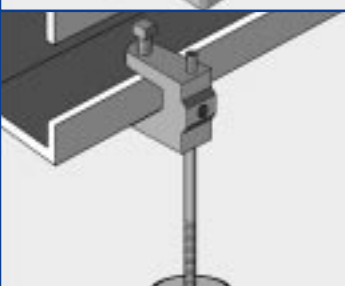

(continued on page 14)





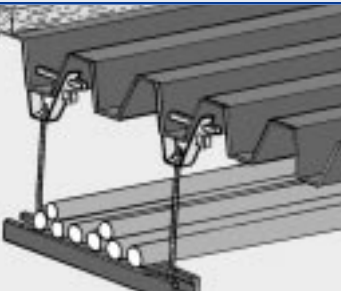
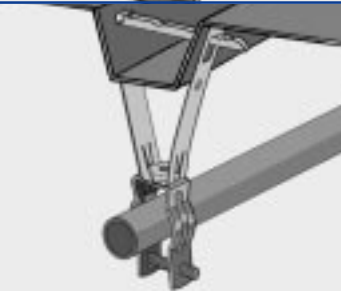
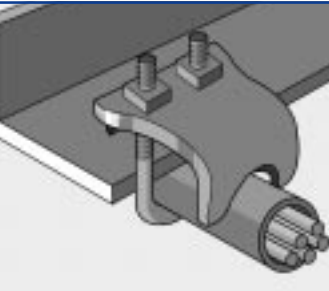
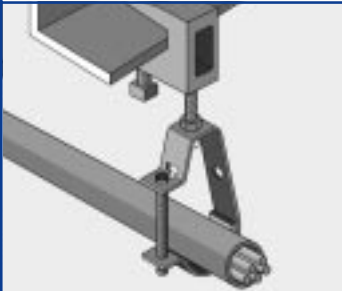
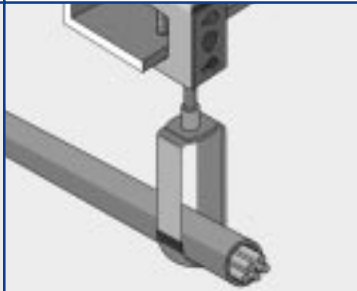
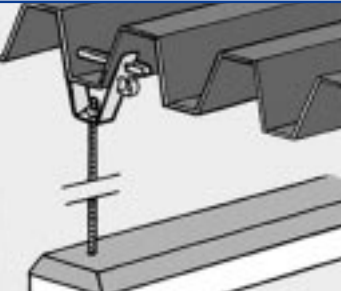
			
Page 37	Page 42	Page 43	Page 44
Beam Retainer Assem.	315 Purlin Clamp	300 Beam Clamp	310 Beam Clamp
3/4" (20 mm)	1" (25 mm)	3/4" (20 mm)	1-1/4" (32 mm)
200 Lbs. (0.9 kN)	400 Lbs. (1.8 kN)	950 Lbs. (4.2 kN)	950 Lbs. (4.2 kN)
			
			
			



PURLINS

(continued from page 13)






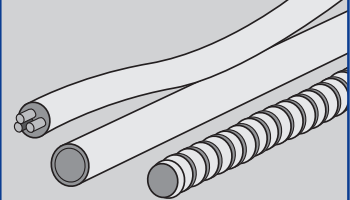
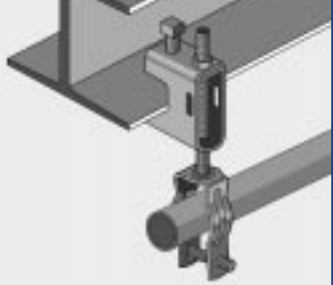
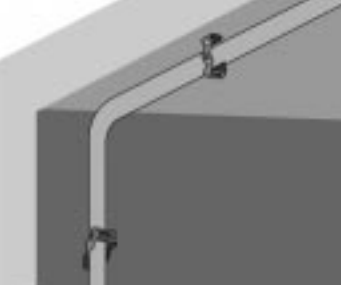
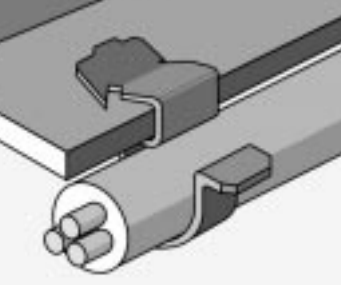
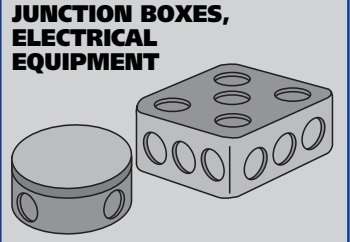
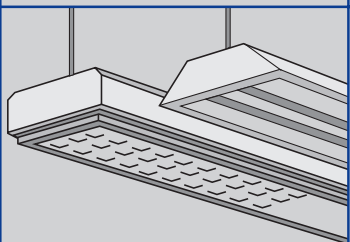
			
	Page 45	Page 46	Page 47
	BC10 Beam Clamp	BC26 Beam Clamp	VF & AF Purlin Clips
Flange Size (up to)	3/4" (20 mm)	3/4" (20 mm)	1/4" (8 mm)
Load Rating (up to) 	300 Lbs. (1.3 kN)	250 Lbs. (1.1 kN)	160 Lbs. (0.71 mm)
 CABLE TRAY, TRUNKING			
 CONDUITS, TUBES			
 JUNCTION BOXES, ELECTRICAL EQUIPMENT			
 LIGHT FITTINGS			







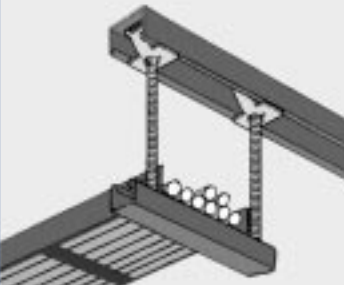
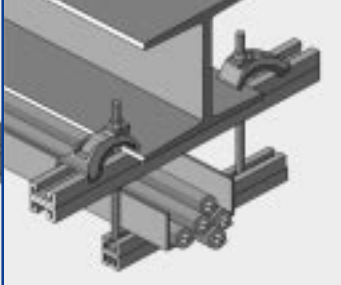
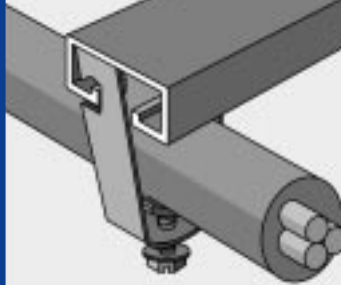
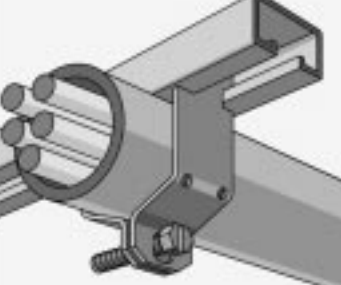
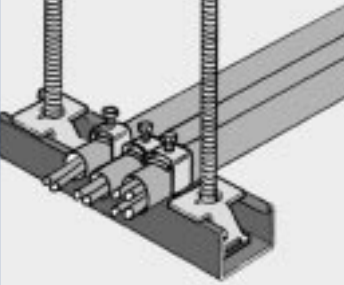
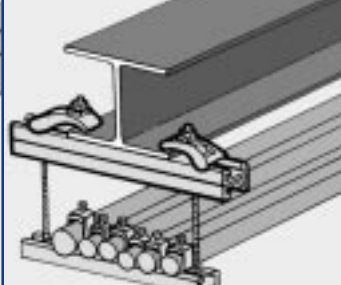


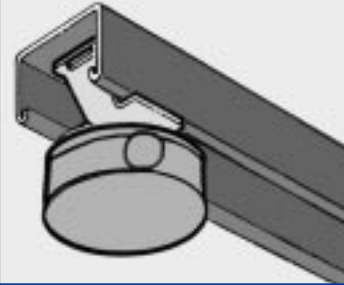
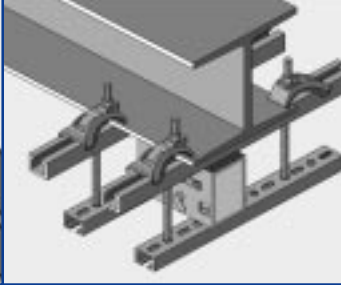


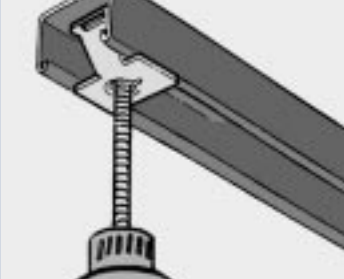
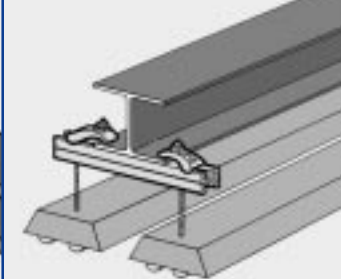
			
Page 50	Page 52	Page 53	Page 54
TDH	PAR / ET / RA Clamps	418	115 / 100
	3/4" (20 mm)		
200 Lbs. (0.9 kN)		800 Lbs. (3.6 kN)	650 Lbs. (2.9 kN)
			
			
			



CONDUIT SUPPORTS

(continued from page 15)

			
	Page 55	Page 56	Page 57
	CD Series	M Series	SC Cable Clips
Flange Size (up to)			1/2" (14 mm)
Load Rating (up to) 	350 Lbs. (1.6 kN)	100 Lbs. (0.5 kN)	
 CABLE TRAY, TRUNKING			
 CONDUITS, TUBES			
 JUNCTION BOXES, ELECTRICAL EQUIPMENT			
 LIGHT FITTINGS			

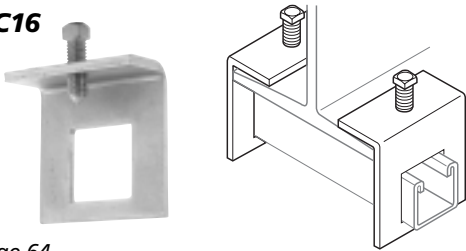
			
Page 60	Page 61	Page 62	Page 63
SCH Strut Clamp	SK Strut Clamp	MFA Strut Clip	6000 Clamping System
			1-3/8" (35 mm)
350 Lbs. (1.6 kN)	350 Lbs. (1.6 kN)	45 Lbs. (0.2 kN)	2000 Lbs. (9.3 kN)
			
			
			
			



STRUT

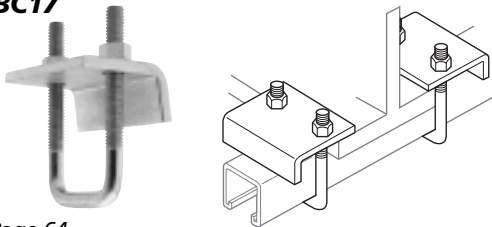
(continued from page 17)

BC16



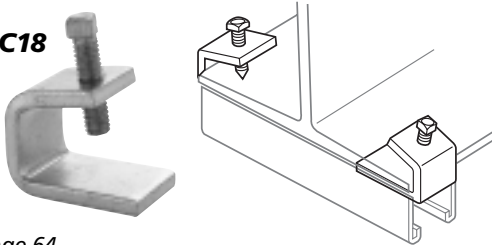
Page 64

BC17



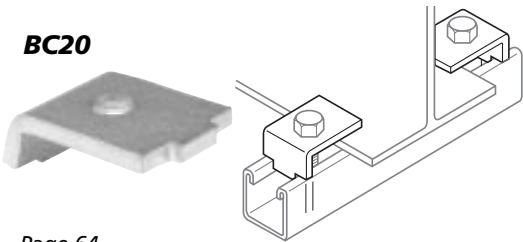
Page 64

BC18



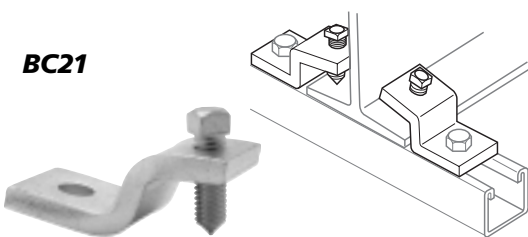
Page 64

BC20



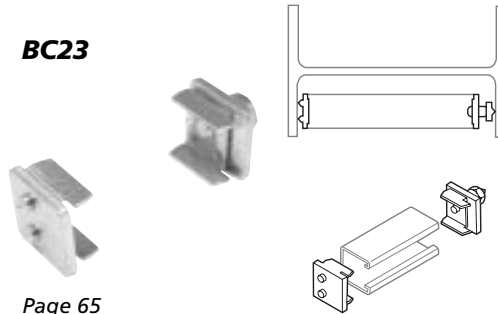
Page 64

BC21



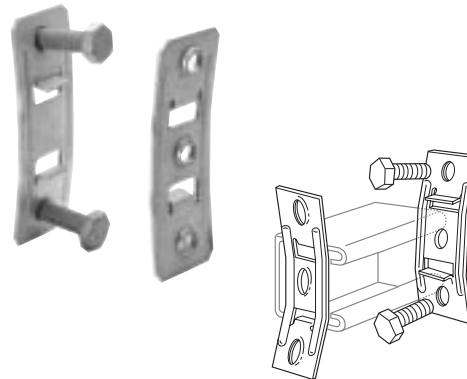
Page 64

BC23



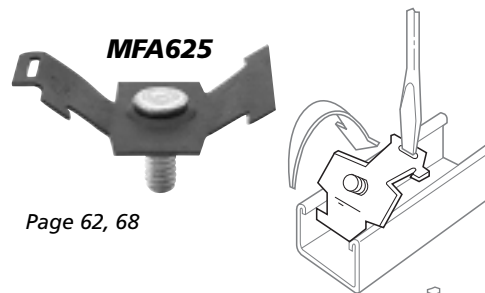
Page 65

INC8T5



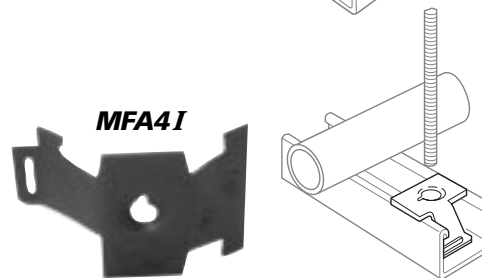
Page 66

MFA625



Page 62, 68

MFA4I

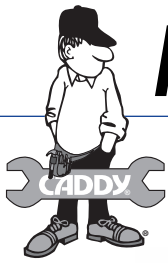


Page 62, 68

STRUT NUTS

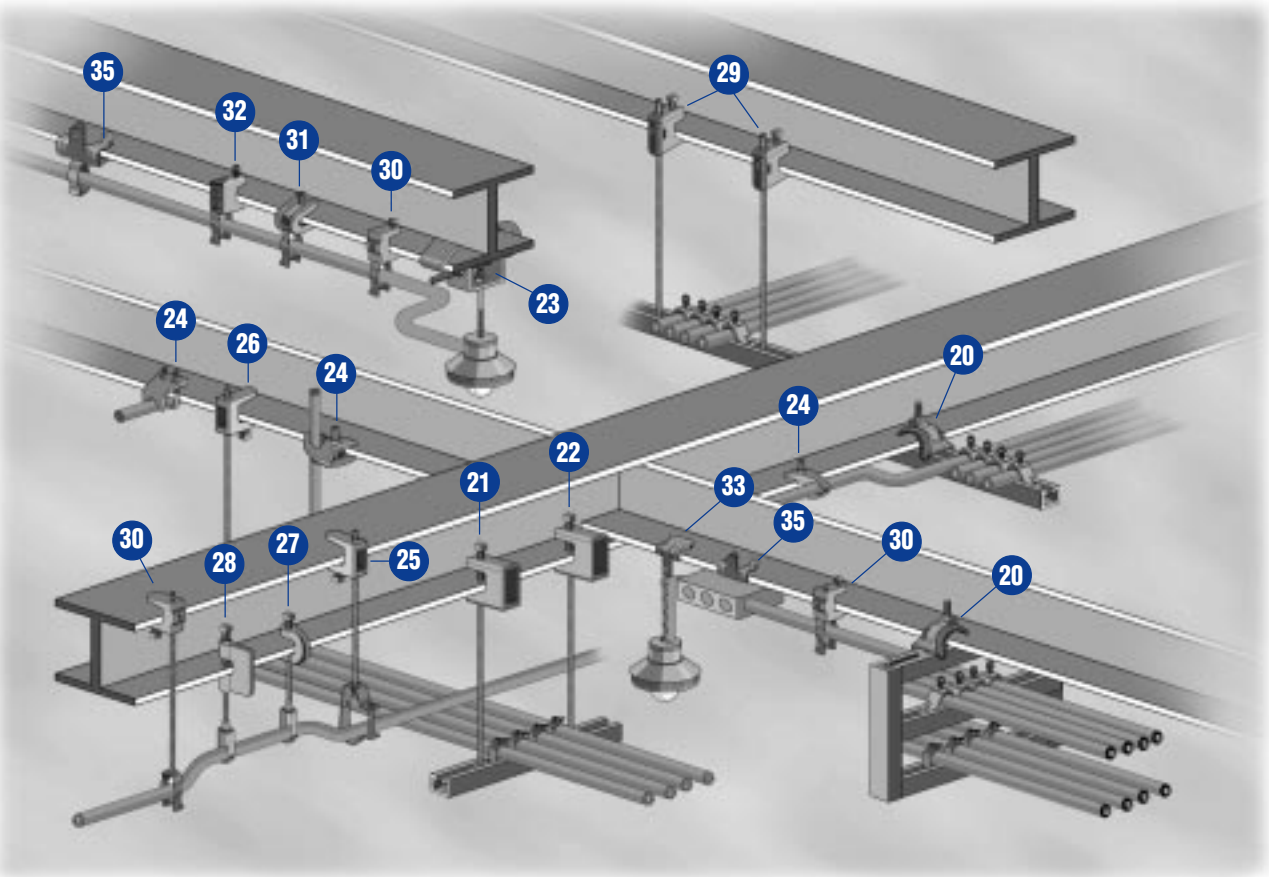


Page 68



Fasteners for STEEL BEAMS

STEEL BEAM



	Page No.	Part Number	Flange Size		Rod Size	Zinc Plated	Hot Dipped Galvanized	Stainless Steel	Optional Retainer
			IN	mm					
Heavy Duty	20	6000	<1-3/8"	<35			•	•	Included
	21	BC14	<1-5/8"	<41	3/8" - 5/8"	• EG	SO		•
	22	BC13	<7/8"	<22	1/4" - 5/8"	• EG	SO		•
	23	363	<5/8"	<16	3/8" - 5/8"	• EG	SO	SO	Included
	24	PAR / ET / RA	<3/4"	<20			•	SO	
	25	300	<3/4"	<20	3/8" - 3/4"	• EG	SO	•	
	26	310	<1-1/4"	<32	3/8" - 1/2"	• EG			•
	27	255	<3/4"	<20	3/8" - 5/8"	• EG	SO		•
	28	200	<3/4"	<20	3/8" - 1/2"	• EG	SO	SO	•
	29	BC10	<3/4"	<20	<1/2"	• EG	SO		•
Standard Duty	30	BC26	<3/4"	<20	1/4"	• EG			
	31	BC200	<5/8"	<16	1/4"	• EG		•	•
	31	BC400	<3/4"	<20	3/8"	• EG			•
	32	BC	<3/4"	<20	3/16" - 3/8"	• ZP			
	33 34	H Series	<3/4"	<20	1/4" - 3/8"	• ZP			•
	35	Hammer On	<3/4"	<20	1/4"	• ZP			•
	36	Strap Hanger	<3/4"	<20		• ZP			
	37	Beam Retainer Assemblies	<3/4"	<20	1/4" - 3/8"	• EG			•
	38 39	Beam Retainer Accessories				• PG	SO		•

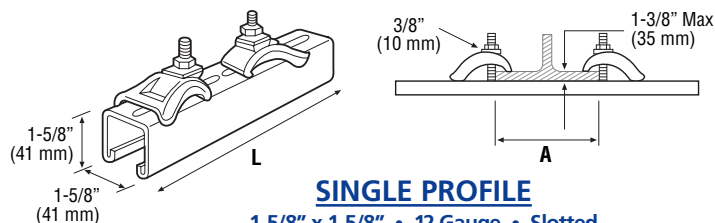
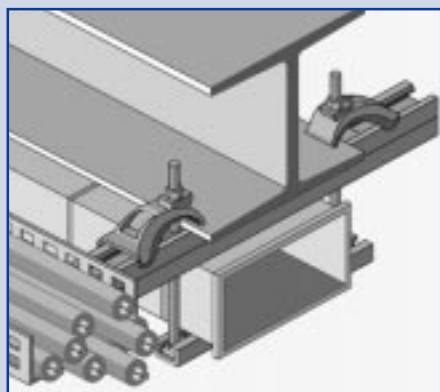
•Available from stock

SO = Special Order



6000 CLAMPING SYSTEM

For attaching or suspending heavy services such as cable tray, ventilation ductwork, trunking, pipes, etc. with maximum reliability onto steel beams.

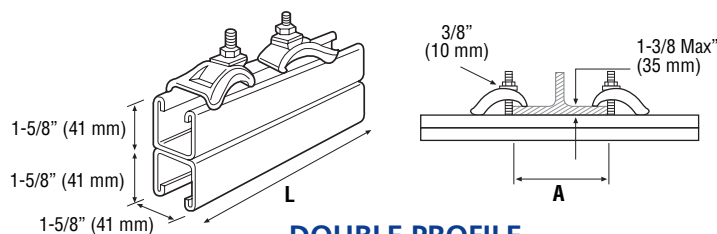


SINGLE PROFILE

1-5/8" x 1-5/8" • 12 Gauge • Slotted
Hot Dipped Galvanized • comes with two clamp set assemblies

Part Number	L		A Max		Coating	
	IN	mm	IN	mm		
6A12SL20HD	20"	500	14-1/2"	370	HDG	1
6A12SL28HD	28"	700	22-1/2"	570	HDG	1
6A12SL36HD	36"	800	30-1/2"	775	HDG	1

NOTE: Assembled to fit min. 4-1/2" (115 mm) and max. 10-1/4" (260 mm)



DOUBLE PROFILE

1-5/8" x 1-5/8" • 12 Gauge • Back to Back
Hot Dipped Galvanized • comes with two clamp set assemblies

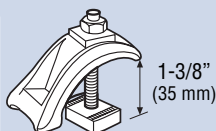
Part Number	L		A Max		Coating	
	IN	mm	IN	mm		
6A12A12HD	12"	300	6-1/2"	165	HDG	1
6A12A16HD	16"	400	10-1/2"	265	HDG	1
6A12A20HD	20"	500	14-1/2"	370	HDG	1
6A12A24HD	24"	600	18-1/2"	470	HDG	1
6A12A32HD	32"	800	26-1/2"	675	HDG	1

FEATURES

- Comes assembled in single profile 1-5/8" x 1-5/8" (41 x 41 mm) or double profile back to back 1-5/8" x 1-5/8" (41 x 41 mm) 12 gauge.
- For beam flanges up to 1-3/8" (35 mm) thick.
- Hot dipped galvanized or stainless steel (AISI 304).
- Clamp sets available separately.

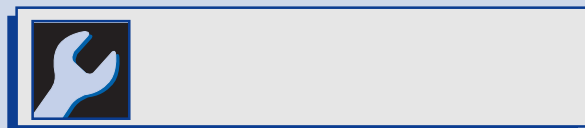
CLAMP 6000 (component)

Part Number	Coating	
6120T6HD	HDG	20
6120T6SS	SS	20



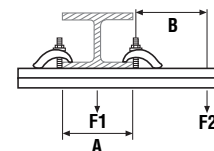
NOTE: Packed 10 pair per box.

INSTALLATION TOOLS



LOAD RATING

With a 4:1 safety factor
F1 is load rating at center of beam
F2 is load rating as stated (B) from the edge of beam



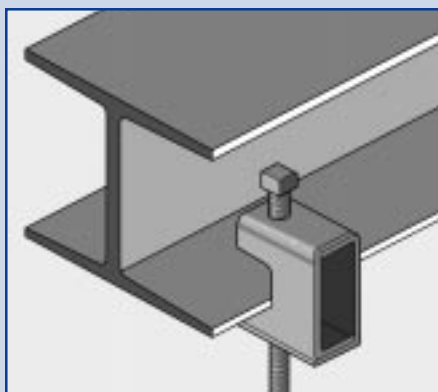
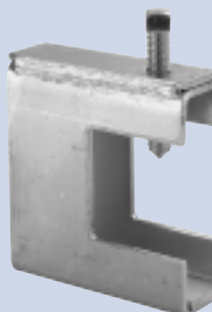
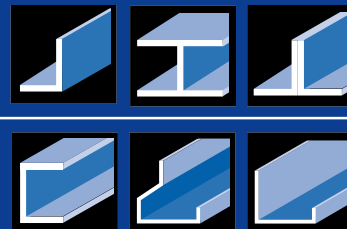
A		F1		B		F2	
IN	mm	Lbs.	kN	IN	mm	Lbs.	kN
Single							
12"	300	660	3.0	12"	300	80	0.37
16"	400	500	2.2	16"	400	60	0.27
20"	500	400	1.8	20"	500	50	0.25
24"	600	330	1.5	24"	600	40	0.17
Double							
12"	300	2000	9.3	12"	300	250	1.10
16"	400	1540	6.9	16"	400	190	0.85
20"	500	1210	5.4	20"	500	150	0.67
24"	600	990	4.4	24"	600	125	0.56

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



BC14 BEAM CLAMP

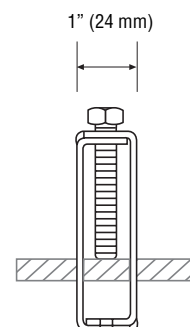
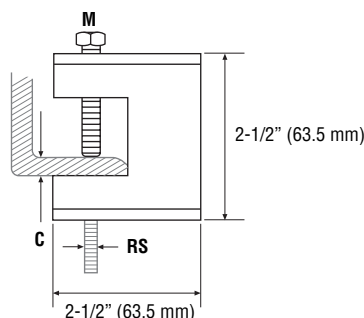
For suspending heavy loads and services with threaded rod from steel structural sections.



FEATURES

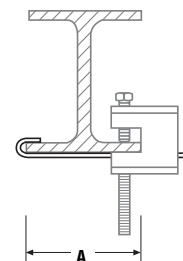
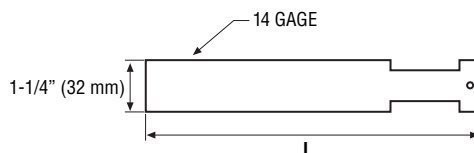
- Heavy duty steel beam clamp to fit flanges from 5/8" (16 mm) to 1-5/8" (41 mm) thick.
- Threaded to allow quick and easy attachment of threaded rod or bolted components.
- Electrogalvanized finish for good corrosion protection.
- Available in hot dipped galvanized finish (special order).
- Retaining strap available separately, for more secure attachment or seismic applications.
- Hardened cup point setscrew to provide secure grip on tapered sections.

INSTALLATION TOOLS



Part Number	RS	M	C Max*		Coating	Box	Lbs.	kN
			IN	mm				
BC140037EG	3/8" - 16	3/8" - 16	1-5/8"	16	EG	20	800	3.56
BC140050EG	1/2" - 13	1/2" - 13	1-5/8"	16	EG	20	1300	5.79
BC140062EG	5/8" - 11	1/2" - 13	1-5/8"	16	EG	10	1900	8.46

*Minimum flange thickness 5/8" (16 mm).



Retainer Straps

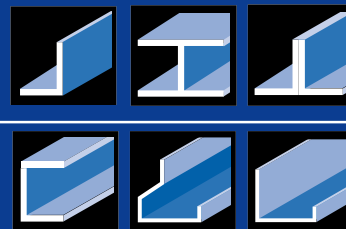
Part Number	L		A Max		Coating	Box
	IN	mm	IN	mm		
BC090009EG	9"	230	6"	150	PG	50
BC090012EG	12"	300	9"	230	PG	50
BC090015EG	15"	380	12"	300	PG	25

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size

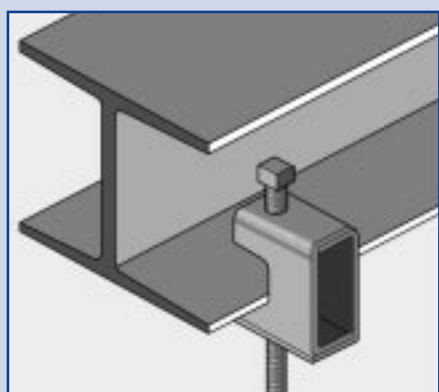


BC13 BEAM CLAMP

For suspending heavy loads and services with threaded rod from steel structural sections.



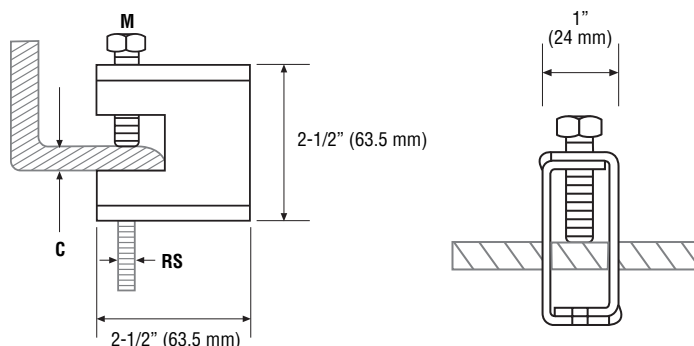
STEEL BEAM



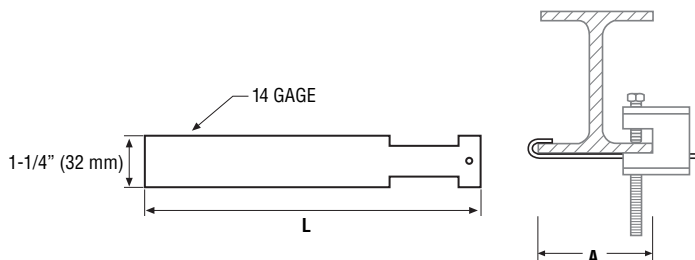
FEATURES

- Heavy duty steel beam clamp to fit up to 7/8" (22 mm) thick flanges.
- Threaded to allow quick and easy attachment of threaded rod or bolted components.
- Electrogalvanized finish for good corrosion protection.
- Available in hot dipped galvanized finish (special order).
- Retaining strap available separately, for more secure attachment or seismic applications.
- Hardened cup point setscrew to provide secure grip on tapered sections.

INSTALLATION TOOLS



Part Number	RS	M	C Max		Coating	Box	Lbs.	kN
			IN	mm				
BC130025EG	1/4" - 20	3/8" - 16	7/8"	22	EG	20	650	2.89
BC130037EG	3/8" - 16	3/8" - 16	7/8"	22	EG	20	650	2.89
BC130050EG	1/2" - 13	1/2" - 13	7/8"	22	EG	10	1100	4.90
BC130062EG	5/8" - 11	1/2" - 13	7/8"	22	EG	10	1600	7.12



Retainer Straps

Part Number	L		A Max		Coating	Box
	IN	mm	IN	mm		
BC090009EG	9"	230	6"	150	PG	50
BC090012EG	12"	300	9"	230	PG	50
BC090015EG	15"	380	12"	300	PG	25

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size

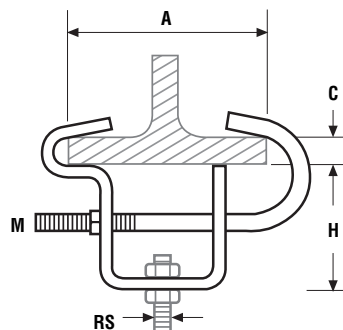
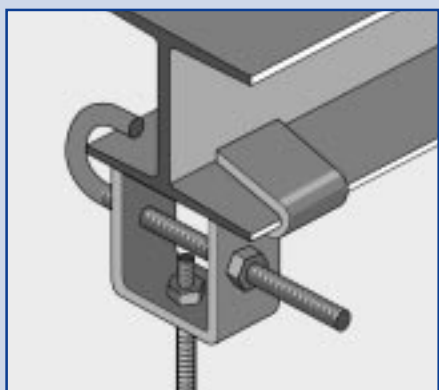
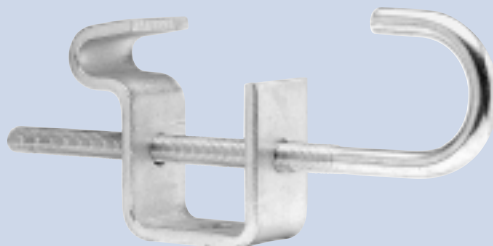


363 BEAM CLAMP

For suspending heavy loads and services with threaded rod from under wide flange steel beams.



STEEL BEAM



FEATURES

- Captures far side of flange for increased safety in industrial and seismic applications.
- Steel beam clamp to fit up to 5/8" (16 mm) thick and 8" (200 mm) wide flanges.
- Can be attached to beam before installation of threaded rod or components.
- Accommodates threaded rod from 3/8" to 5/8".
- Electrogalvanized finish for good corrosion protection.
- Available in hot dipped galvanized finish or made from stainless steel (special order).

Part Number	RS	M	C Max		H		A		Coating	Box	Weight	
			IN	mm	IN	mm	IN	mm			Lbs.	kN
3630037EG	3/8"	3/8" - 16	5/8"	16	2-3/4"	70	3-1/2" - 8	90 - 200	EG	25	300	1.34
3630050EG	1/2"	1/2" - 13	5/8"	16	2-3/4"	70	3-1/2" - 8	90 - 200	EG	20	700	3.11
3630062EG	5/8"	5/8" - 11	5/8"	16	2-3/4"	70	3-1/2" - 8	90 - 200	EG	15	1000	4.45

INSTALLATION TOOLS



A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size

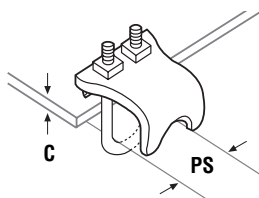
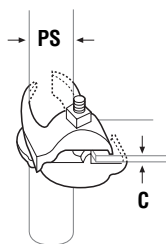
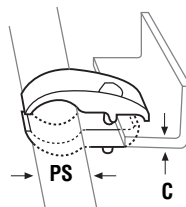
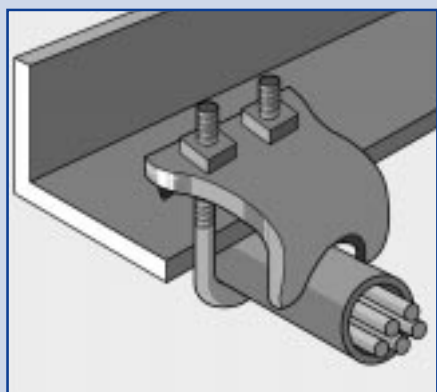


PAR / ET / RA CLAMPS

For attaching conduits and pipes directly to steel structural members.



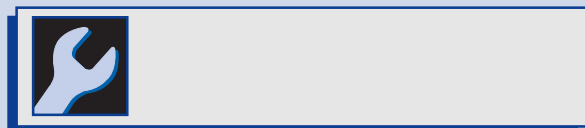
STEEL BEAM



FEATURES

- Ideal for direct attachment of conduit to steel structural sections.
- Malleable iron casting with steel hardware.
- Hot dipped galvanized coating for excellent corrosion protection.
- Range for 3/8" to 4" diameter pipe.
- Available with stainless steel hardware (special order).

INSTALLATION TOOLS



Part Number	PS	C Max		Coating	
		IN	mm		
PAR0037HD	3/8"	3/4"	20	HDG	25
PAR0050HD	1/2"	3/4"	20	HDG	25
PAR0075HD	3/4"	3/4"	20	HDG	25
PAR0100HD	1"	3/4"	20	HDG	25
PAR0125HD	1-1/4"	3/4"	20	HDG	25
PAR0150HD	1-1/2"	3/4"	20	HDG	25
PAR0200HD	2"	3/4"	20	HDG	20
PAR0250HD	2-1/2"	3/4"	20	HDG	10
PAR0300HD	3"	3/4"	20	HDG	10
PAR0350HD	3-1/2"	3/4"	20	HDG	10
PAR0400HD	4"	3/4"	20	HDG	10

Part Number	PS	C Max		Coating	
		IN	mm		
ET0050HD	1/2"	3/4"	20	HDG	25
ET0075HD	3/4"	3/4"	20	HDG	25
ET0100HD	1"	3/4"	20	HDG	25
ET0125HD	1-1/4"	3/4"	20	HDG	25
ET0150HD	1-1/2"	3/4"	20	HDG	20
ET0200HD	2"	3/4"	20	HDG	10
ET0250HD	2-1/2"	3/4"	20	HDG	10
ET0300HD	3"	3/4"	20	HDG	10

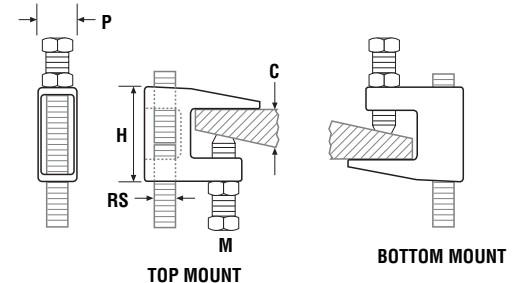
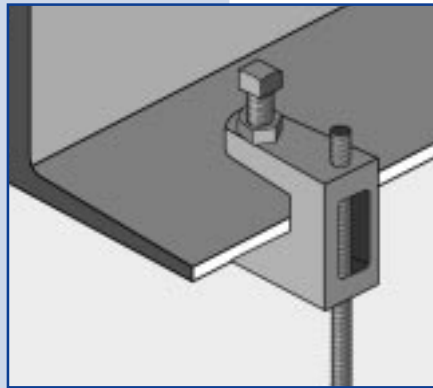
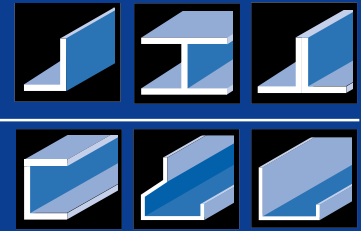
Part Number	PS	C Max		Coating	
		IN	mm		
RA0037HD	3/8"	3/4"	20	HDG	25
RA0050HD	1/2"	3/4"	20	HDG	25
RA0075HD	3/4"	3/4"	20	HDG	25
RA0100HD	1"	3/4"	20	HDG	25
RA0125HD	1-1/4"	3/4"	20	HDG	25
RA0150HD	1-1/2"	3/4"	20	HDG	20
RA0200HD	2"	3/4"	20	HDG	20
RA0250HD	2-1/2"	3/4"	20	HDG	20
RA0300HD	3"	3/4"	20	HDG	15
RA0350HD	3-1/2"	3/4"	20	HDG	10
RA0400HD	4"	3/4"	20	HDG	10

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



300 BEAM CLAMP

For suspending heavy loads and services with threaded rod from steel beams, purlins, channel or angle.



STEEL BEAM

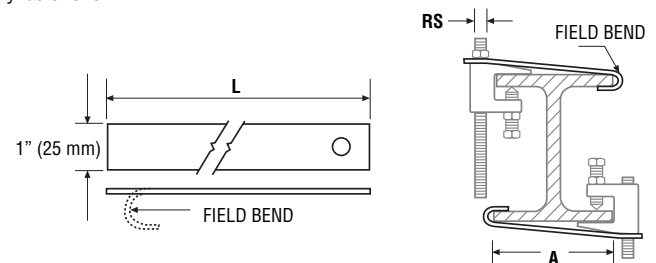
Part Number	RS	M	C Max		H		P		Coating					
			IN	mm	IN	mm	IN	mm			TOP	BOTTOM		
3000037EG	3/8" - 16	3/8" - 16	3/4"	20	1-9/16"	39.7	13/16"	20.6	EG	100	500	2.23	250	1.11
3000050EG	1/2" - 13	3/8" - 16	3/4"	20	1-13/16"	46.0	1-1/16"	27.0	EG	50	950	4.23	760	3.38
3000062EG	5/8" - 11	3/8" - 16	3/4"	20	1-13/16"	46.0	1-1/16"	27.0	EG	50	950	4.23	760	3.38
3000075EG	3/4" - 10	3/8" - 16	3/4"	20	1-3/4"	44.5	1-1/8"	28.6	EG	50	950	4.23	760	3.38

NOTE: Safety factor of 5.


FEATURES

- Reversible for attachment to top or bottom flange.
- Available for threaded rod sizes 3/8" to 3/4" dia.
- Accommodates a wide variety of structural sections including "C" Purlins, angles, channels and beams.
- Locknut and hardened cup point setscrew to provide secure grip on tapered sections.
- Malleable iron clamp with electrogalvanized finish for good corrosion protection.
- Available in hot dipped galvanized finish (special order).
- Retaining strap available separately, for more secure attachment for industrial or seismic applications.

INSTALLATION TOOLS



Retainer Straps

Part Number	RS	L		A Max		Coating	
		IN	mm	IN	mm		
FOR USE WITH 3000037EG							
300C3706EG	3/8"	6"	150	4"	100	PG	100
300C3708EG	3/8"	8"	200	6"	150	PG	100
300C3710EG	3/8"	10"	250	8"	200	PG	100
300C3712EG	3/8"	12"	300	10"	250	PG	100
300C3714EG	3/8"	14"	350	12"	300	PG	100
FOR USE WITH 3000050EG							
300C5006EG	1/2"	6"	150	4"	100	PG	100
300C5008EG	1/2"	8"	200	6"	150	PG	100
300C5010EG	1/2"	10"	250	8"	200	PG	100
300C5012EG	1/2"	12"	300	10"	250	PG	100
300C5014EG	1/2"	14"	350	12"	300	PG	100

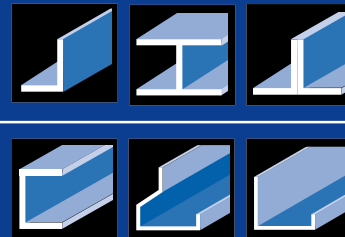
Other size retainer straps available on request.

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size

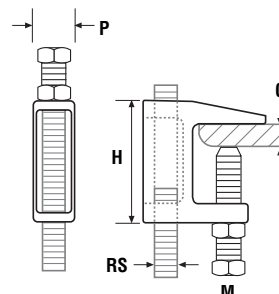
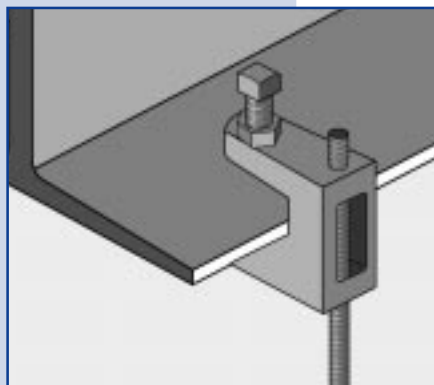


310 BEAM CLAMP

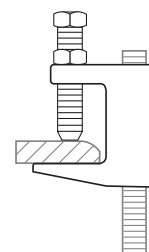
For suspending heavy loads and services with threaded rod from thick or large lipped steel beams, purlins, channel or angle.



STEEL BEAM



TOP MOUNT



BOTTOM MOUNT

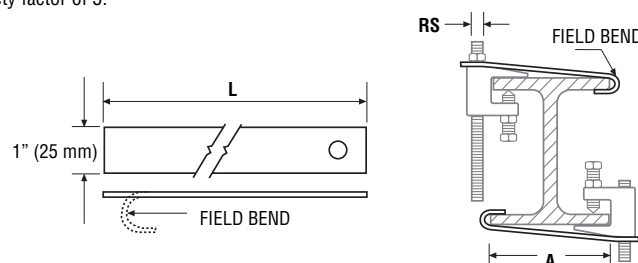
Part Number	RS	M	C Max		H		P		Coating					
			IN	mm	IN	mm	IN	mm			TOP	BOTTOM	Lbs.	kN
3100037EG	3/8" - 16	3/8" - 16	1-1/4"	32	2-1/16"	52.4	13/16"	20.6	EG	50	500	2.23	250	1.11
3100050EG	1/2" - 13	1/2" - 13	1-1/4"	32	2-3/8"	60.3	1-1/16"	27.0	EG	50	950	4.23	760	3.38

NOTE: Safety factor of 5.


FEATURES

- Large mouth opening (1-1/4" [32 mm]) to fit large thick flange steel beams or angles and large lip purlins.
- Reversible for attachment to top or bottom flange.
- Available for threaded rod sizes 3/8" and 1/2" dia.
- Attaches to a wide variety of structural sections including "C" Purlins, angles, channels and beams.
- Locknut and hardened cup point setscrew to provide secure grip on tapered sections.
- Malleable iron clamp with electrogalvanized finish for good corrosion protection.
- Available in hot dipped galvanized finish (special order).
- Retaining strap available separately, for more secure attachment for industrial or seismic applications.

INSTALLATION TOOLS



Retainer Straps

Part Number	RS	L		A Max		Coating	
		IN	mm	IN	mm		
FOR USE WITH 3100037EG							
300C3706EG	3/8"	6"	150	4"	100	PG	100
300C3708EG	3/8"	8"	200	6"	150	PG	100
300C3710EG	3/8"	10"	250	8"	200	PG	100
300C3712EG	3/8"	12"	300	10"	250	PG	100
300C3714EG	3/8"	14"	350	12"	300	PG	100
FOR USE WITH 3100050EG							
300C5006EG	1/2"	6"	150	4"	100	PG	100
300C5008EG	1/2"	8"	200	6"	150	PG	100
300C5010EG	1/2"	10"	250	8"	200	PG	100
300C5012EG	1/2"	12"	300	10"	250	PG	100
300C5014EG	1/2"	14"	350	12"	300	PG	100

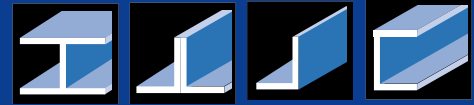
Other size retainer straps available on request.

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size

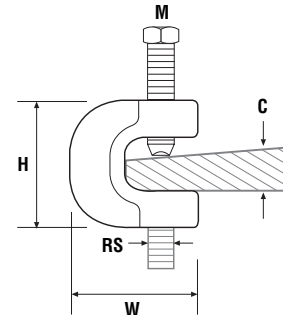
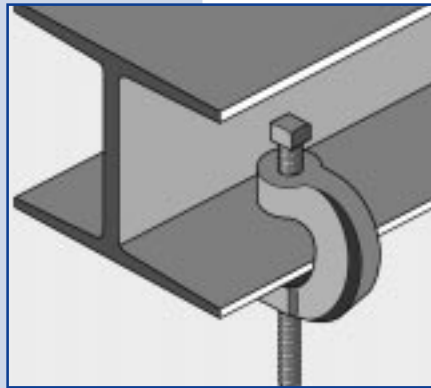


255 BEAM CLAMP

For suspending components and services using threaded rod from structural members.



STEEL BEAM

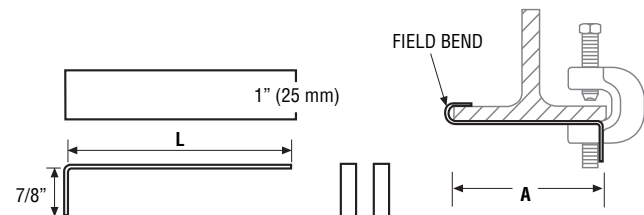


Part Number	RS	M	C Max		H		W		Coating		Lbs.	kN
			IN	mm	IN	mm	IN	mm				
2550037EG	3/8" - 16	3/8" - 16	3/4"	20	1-3/4"	44.5	1-11/16"	42.9	EG	100	400	1.78
2550050EG	1/2" - 13	3/8" - 16	3/4"	20	1-3/4"	44.5	1-11/16"	42.9	EG	100	400	1.78
2550062EG	5/8" - 11	3/8" - 16	3/4"	20	2-15/16"	74.6	2-1/2"	63.5	EG	50	440	1.96


FEATURES

- Available for threaded rod sizes 3/8" to 5/8" dia.
- For attachment to beams or angles up to 3/4" (20 mm) thick.
- Hardened cup point setscrew to provide secure grip on tapered sections.
- Malleable iron clamp with electrogalvanized finish for good corrosion protection.
- Available with optional locknut and/or in hot dipped galvanized finish (special order).
- Retaining strap available separately, for more secure attachment for industrial or seismic applications.

INSTALLATION TOOLS



Retainer Straps

Part Number	L		A Max		Coating	
	IN	mm	IN	mm		
FOR USE WITH 2550037EG & 2550050EG						
255C3706EG	6"	150	4"	100	PG	50
255C3708EG	8"	200	6"	150	PG	50
255C3710EG	10"	250	8"	200	PG	50
255C3714EG	14"	350	12"	300	PG	50

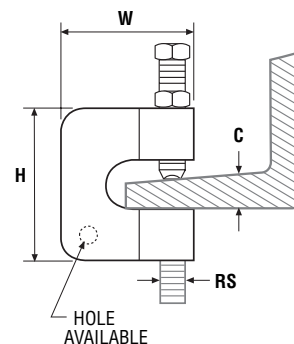
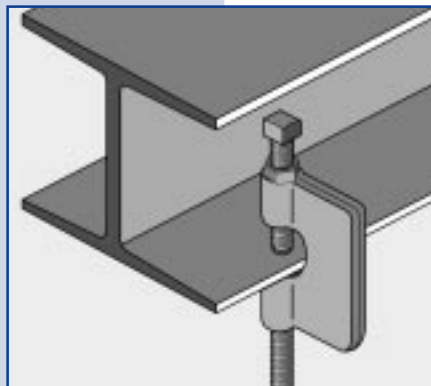
Other size retainer straps available on request.

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



200 BEAM CLAMP

For suspending components and services using threaded rod from structural members.



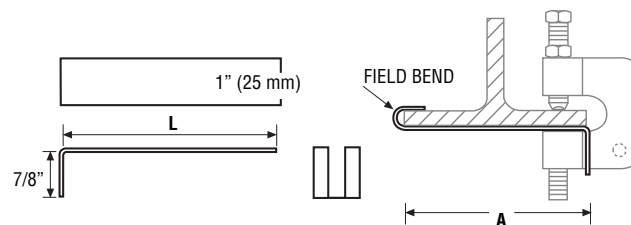
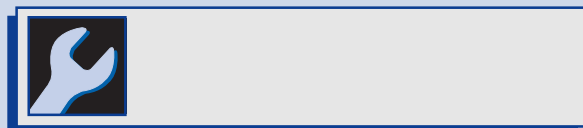
Part Number	RS	M	C Max		H		W		Coating		Lbs.	kN
			IN	mm	IN	mm	IN	mm				
2000037EG	3/8" - 16	3/8" - 16	3/4"	20	2-3/8"	60.3	2-1/4"	57.2	EG	100	250	1.11
2000050EG	1/2" - 13	1/2" - 13	3/4"	20	2-3/8"	60.3	2-1/8"	54.0	EG	50	760	3.38

NOTE: Safety factor of 5.


FEATURES

- Available for threaded rod sizes 3/8" to 1/2" dia.
- For attachment to beams or angles up to 3/4" (20 mm) thick.
- Locknut and hardened cup point setscrew to provide secure grip on tapered sections.
- Stamped steel with electrogalvanized finish for good corrosion protection.
- Available in hot dipped galvanized finish or made from AISI 304 stainless (special order).
- Retaining strap available separately, for more secure attachment for industrial or seismic applications.

INSTALLATION TOOLS



Retainer Straps

Part Number	L		A Max		Coating	
	IN	mm	IN	mm		
FOR USE WITH 2000037EG & 2000050EG						
200C3706EG	6"	150	4"	100	PG	50
200C3708EG	8"	200	6"	150	PG	50
200C3710EG	10"	250	8"	200	PG	50
200C3714EG	14"	350	12"	300	PG	50

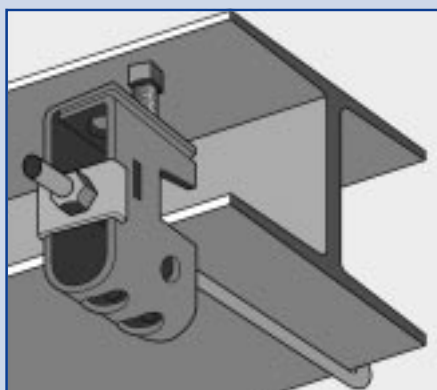
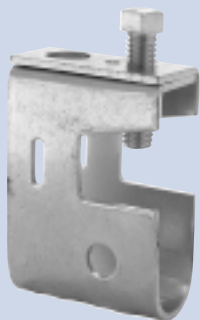
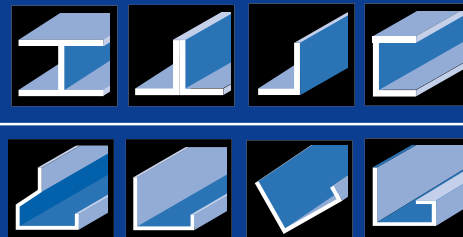
Other size retainer straps available on request.

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



BC10 BEAM CLAMP

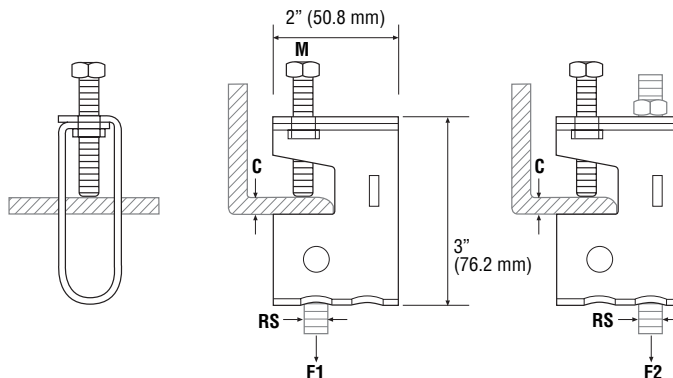
For suspension of services and components from straight or inclined structural sections.



FEATURES

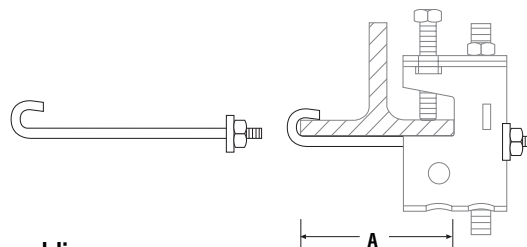
- Accommodates rod sizes up to 1/2" dia.
- For attachment to beams or angles up to 3/4" (20 mm) thick.
- Designed to allow swivel up to 15° from bottom holes or with the use of BC15 swivel (available separately) for attachment to inclined beams without bending the rod.
- Hardened cup point setscrew to provide secure grip on tapered sections.
- Stamped steel with electrogalvanized finish for good corrosion protection.
- Available in hot dipped galvanized finish (special order).
- J-Bolt assembly available for more secure attachment in industrial or seismic applications.

INSTALLATION TOOLS



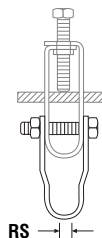
F1 is load rating from the front hole
F2 is load rating from the back hole

Part Number	RS	M	C Max		Coating		F1		F2	
			IN	mm			Lbs.	kN	Lbs.	kN
BC100000EG	1/2"	3/8" - 16	3/4"	20	EG	25	500	2.20	300	1.30



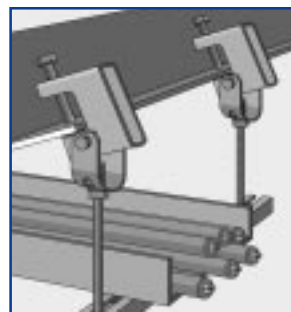
J-Bolt Assemblies

Part Number	Description	A	
		IN	mm
BC110000EG	Beam Clamp with 8" J-Bolt	3-1/2" - 7	90 - 180
BC120000EG	Beam Clamp with 12" J-Bolt	7-1/2" - 11	90 - 230
BC11JBLTEG	J-Bolt assembly only	3-1/2" - 7	90 - 180
BC12JBLTEG	J-Bolt assembly only	7-1/2" - 11	190 - 230



Swivel Assemblies

Part Number	RS	Description	Coating	
BC150000EG	1/2"	Swivel assembly only	EG	25
BC101500EG	1/2"	Beam clamp with swivel assembly	EG	25

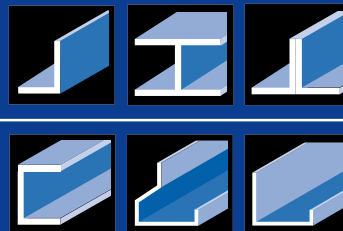


A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size

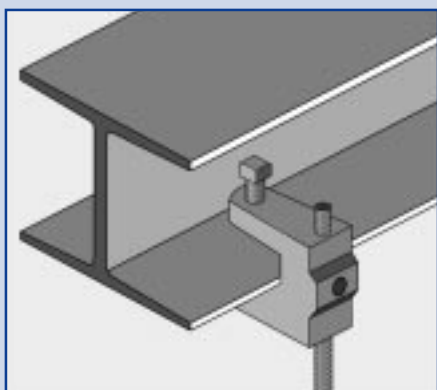
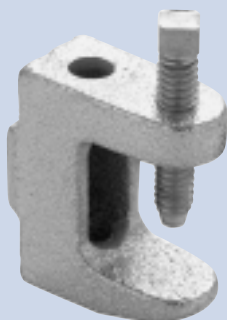


BC26 BEAM CLAMP

For direct attachment of services or suspension by threaded rod or bridle ring from structural members.



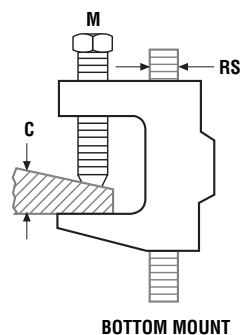
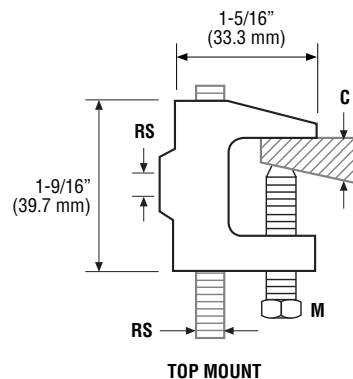
STEEL BEAM



FEATURES

- Easy installation to steel members up to 3/4" (20 mm) thick.
- Reversible to allow installation to both top and bottom flange.
- Hardened cup point setscrew to provide secure grip on tapered sections.
- Threaded to quickly accommodate attachment of 1/4" dia. threaded rod, bridle rings and boxes from three positions – top, bottom and back.
- Heavy duty malleable iron construction with electrogalvanized finish for added corrosion protection.

INSTALLATION TOOLS



Part Number	RS	M	C Max		Coating	Box	TOP		BOTTOM	
			IN	mm			Lbs.	kN	Lbs.	kN
BC260025EG	1/4" - 20	1/4" - 20	3/4"	20	EG	100	250	1.10	100	0.44

NOTE: Safety factor of 5.

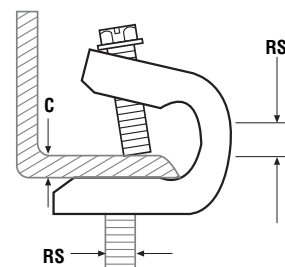
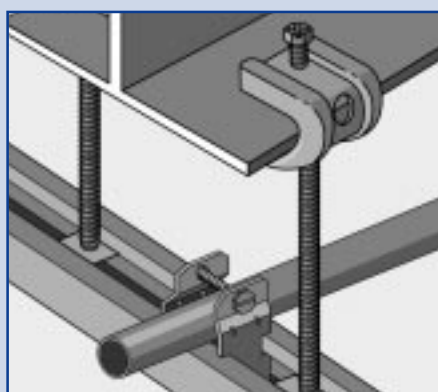
A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



BC200 & BC400 BEAM CLAMPS



For direct attachment of conduit, pipe, cables and components or suspension by threaded rod or bridle ring from structural members.



CLAMPS ONLY

Part Number	RS	M	C Max		Material & Coating			
			IN	mm			Lbs.	kN
BC200	1/4" - 20	1/4 - 20	5/8"	16	EG	50	100	0.45
BC200SS	1/4" - 20	1/4 - 20	5/8"	16	SS	50	80	0.35
BC400	3/8" - 16	5/16 - 18	3/4"	20	EG	25	200	0.90

BC200 FEATURES

- Easy installation to beam flanges from 1/8" - 5/8" (3 - 16 mm).
- Supports 1/4" threaded rod, 1/4" threaded bridle rings and boxes.
- Available riveted to conduit clips 1/2" thru 2".
- Electrogalvanized zinc finish.
- Now with Slotted, Hex, Phillips, Robertson combo head bolt. Hardened cup point setscrew for secure grip on tapered sections.

BC400 FEATURES

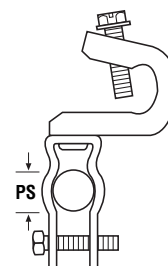
- Threaded holes accommodate 3/8" threaded rod or 3/8" bolt.
- Attaches to beam flange up to 3/4" (20 mm).
- Ideal for creating a threaded rod trapeze.

INSTALLATION TOOLS



ASSEMBLIES

Riveted assemblies of BC200 clamp and "CD" conduit clips. For information on CD conduit clips see Page 55.



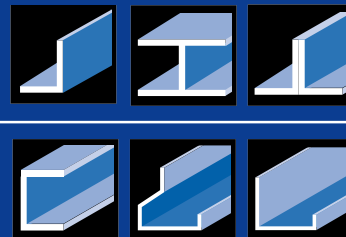
Part Number	Coating	Stainless Steel Part Number	Material	PS		
				Rigid	EMT	
BC200CD0B	EG	BC200CD0BSS	SS	1/2"	1/2"	50
BC200CD1B	EG	BC200CD1BSS	SS	3/4"	3/4"	50
BC200CD2B	EG	BC200CD2BSS	SS	1"	1"	50
BC200CD2.5B	EG	BC200CD2.5BSS	SS	-	1-1/4"	50
BC200CD3B	EG	BC200CD3BSS	SS	1-1/4"	1-1/2"	50
BC200CD4B	EG	BC200CD4BSS	SS	1-1/2"	-	25
BC200CD5B	EG	BC200CD5BSS	SS	2"	2"	25

NOTE: "CD" conduit clips have a retained bolt and built-in nut, which means there are no separate parts to drop. Available with assembled Retainer Strap or Strap can be ordered as separate item. See Pages 38-39.

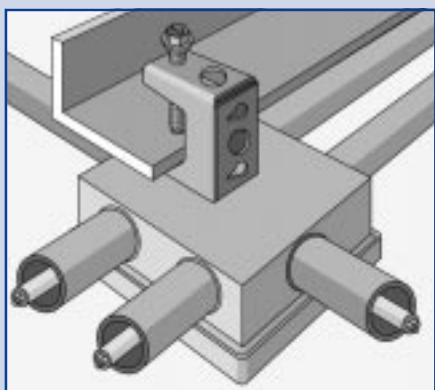


BC BEAM CLAMP

For direct attachment of conduit, pipe, cables and components or suspension by threaded rod or bridle ring from structural members.



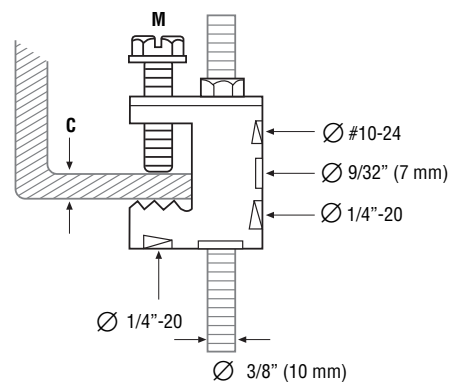
STEEL BEAM



FEATURES

- Easy installation to beam flanges up to 1/2" (13 mm).
- Supports 1/4" and 3/8" threaded rod, S-hooks, electrical boxes, conduit and bridle rings.
- Accommodates standard 1/4"-20 or #10-24 threaded bridle rings.
- Now with Slotted, Hex, Phillips, Robertson combo head bolt.

INSTALLATION TOOLS



Part Number	C Max		M	Coating	Box	Weight	
	IN	mm				Lbs.	kN
BC	3/8"	13	1/4"-20	ZP	100	100	0.45

Fig. 1

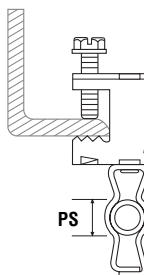
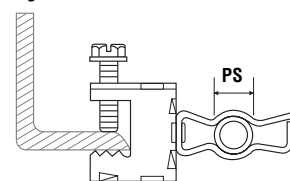
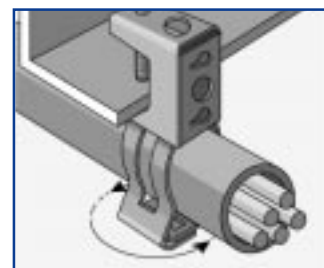
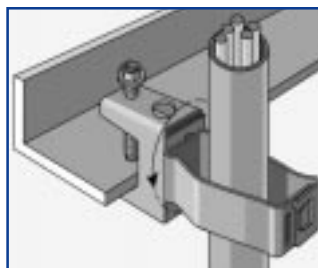


Fig. 2



ASSEMBLIES

Part Number	Fig. No.	PS		Coating	Box	Weight	
		EMT/Rigid				Lbs.	kN
BC6M	1	3/8" MC/AC		ZP	100	100	0.45
BC812M	1	1/2" - 3/4"		ZP	100	100	0.45
BC16M	1	1"		ZP	100	100	0.45
BC20M	1	1-1/4"		ZP	100	100	0.45
BC24M	1	1-1/2"		ZP	50	100	0.45
BC32M	1	2"		ZP	50	100	0.45
BC812SM	2	1/2" - 3/4"		ZP	100	25	0.11
BC16SM	2	1"		ZP	100	25	0.11
BC20SM	2	1-1/4"		ZP	50	25	0.11
BC24SM	2	1-1/2"		ZP	50	25	0.11
BC32SM	2	2"		ZP	50	25	0.11

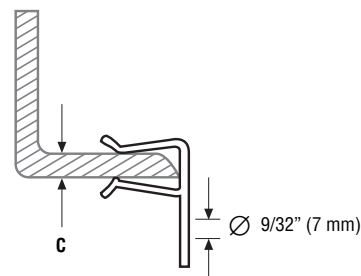
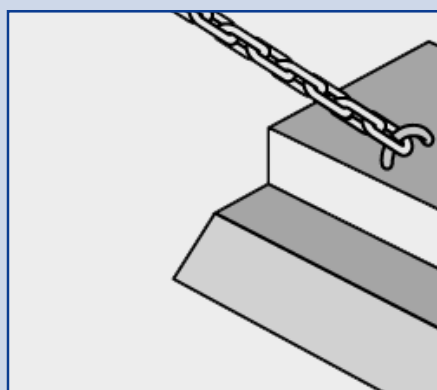


A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



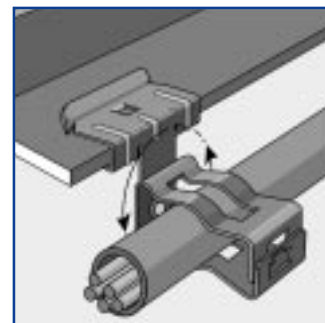
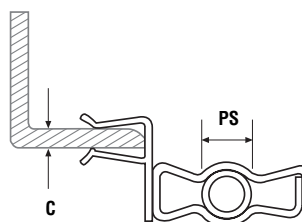
H SERIES HAMMER ON FLANGE CLIPS

For direct attachment of conduit, pipe, cables and components or suspension by s-hook and jack chain from structural members.



STEEL BEAM

Part Number	C		Coating			
	IN	mm			Lbs.	kN
2H4	3/32" - 9/64"	2 - 3	ZP	100	160	0.70
4H24	1/8" - 1/4"	3 - 8	ZP	100	200	0.90
4H58	5/16" - 1/2"	8 - 14	ZP	100	200	0.90
4H912	9/16" - 3/4"	14 - 20	ZP	100	200	0.90



FEATURES

- Locates a "portable" 1/4" hole with just a hammer.
- Installs easily regardless of insulation material.
- Available in assemblies to accommodate threaded rod or with CADDY M Series clips for conduit or pipe up to 2" diameter.

INSTALLATION TOOLS



ASSEMBLIES

Part Number	C		PS		Coating			
	IN	mm	Rigid & EMT				Lbs.	kN
6M24SM	1/8" - 1/4"	3 - 8	3/8" MC/AC	ZP	100	25	0.11	
6M58SM	5/16" - 1/2"	8 - 14	3/8" MC/AC	ZP	100	25	0.11	
6M912SM	9/16" - 3/4"	14 - 20	3/8" MC/AC	ZP	100	25	0.11	
812M24SM	1/8" - 1/4"	3 - 8	1/2" to 3/4"	ZP	100	25	0.11	
812M58SM	5/16" - 1/2"	8 - 14	1/2" to 3/4"	ZP	100	25	0.11	
812M912SM	9/16" - 3/4"	14 - 20	1/2" to 3/4"	ZP	100	25	0.11	
16M24SM	1/8" - 1/4"	3 - 8	1"	ZP	100	25	0.11	
16M58SM	5/16" - 1/2"	8 - 14	1"	ZP	100	25	0.11	
16M912SM	9/16" - 3/4"	14 - 20	1"	ZP	100	25	0.11	
20M24SM	1/8" - 1/4"	3 - 8	1-1/4"	ZP	100	25	0.11	
20M58SM	5/16" - 1/2"	8 - 14	1-1/4"	ZP	100	25	0.11	
20M912SM	9/16" - 3/4"	14 - 20	1-1/4"	ZP	50	25	0.11	
24M24SM	1/8" - 1/4"	3 - 8	1-1/2"	ZP	50	25	0.11	
24M58SM	5/16" - 1/2"	8 - 14	1-1/2"	ZP	50	25	0.11	
24M912SM	9/16" - 3/4"	14 - 20	1-1/2"	ZP	50	25	0.11	
32M24SM	1/8" - 1/4"	3 - 8	2"	ZP	50	25	0.11	
32M58SM	5/16" - 1/2"	8 - 14	2"	ZP	50	25	0.11	
32M912SM	9/16" - 3/4"	14 - 20	2"	ZP	50	25	0.11	

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size

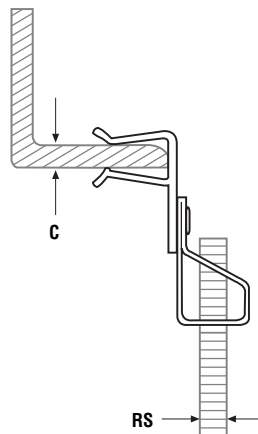
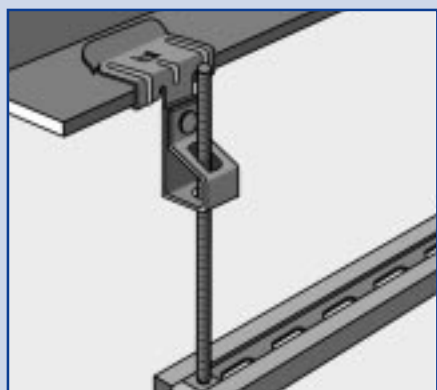




H SERIES HAMMER ON FLANGE CLIPS

For attaching or suspending conduits, pipe, cables or components with threaded rods from structural sections.



STEEL BEAM

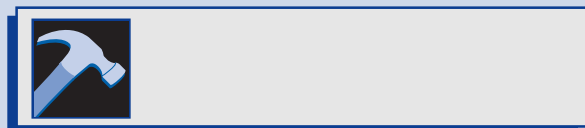


Part Number	C		RS (Threaded)	Coating			
	IN	mm				Lbs.	kN
4TI24	1/8" - 1/4"	3 - 8	1/4"-20	ZP	100	200	0.90
4TI58	5/16" - 1/2"	8 - 14	1/4"-20	ZP	100	200	0.90
4TI912	9/16" - 3/4"	14 - 20	1/4"-20	ZP	100	200	0.90
6TI24	1/8" - 1/4"	3 - 8	3/8"-16	ZP	100	200	0.90
6TI58	5/16" - 1/2"	8 - 14	3/8"-16	ZP	100	200	0.90
6TI912	9/16" - 3/4"	14 - 20	3/8"-16	ZP	100	200	0.90

FEATURES

- Used to suspend 1/4" or 3/8" threaded rod from beam flanges 1/8" - 3/4" (3 - 20 mm) thick.
- Requires only hammer to install.

INSTALLATION TOOLS



A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size

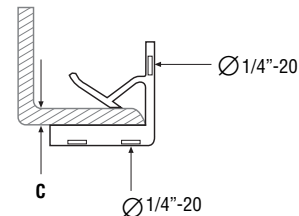
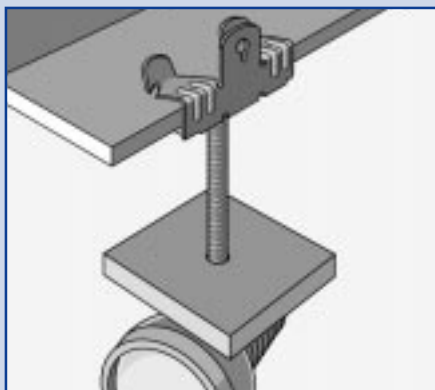
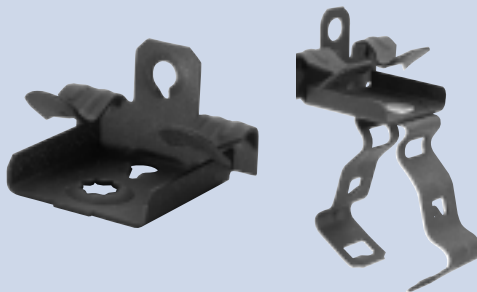


HAMMER ON FLANGE CLIPS

Threaded rod, direct attachment to beam clamps, or direct attachment to structure.

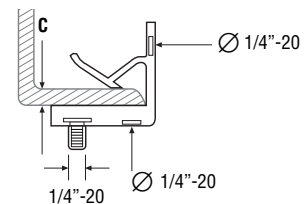


STEEL BEAM



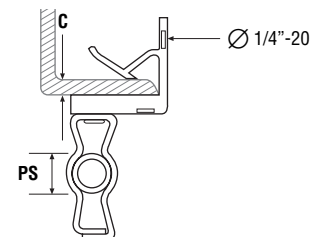
Flange Clip

Part Number	IN	mm	RS	Coating		Lbs.	kN
M24	1/8" - 1/4"	3 - 8	1/4"-20	ZP	100	100	0.45
M58	5/16" - 1/2"	8 - 14	1/4"-20	ZP	100	100	0.45
M912	9/16" - 3/4"	14 - 20	1/4"-20	ZP	100	100	0.45



Flange Clip with Stud

Part Number	C		Coating		Lbs.	kN
	IN	mm				
M24S	1/8" - 1/4"	3 - 8	ZP	100	75	0.33
M58S	5/16" - 1/2"	8 - 14	ZP	100	75	0.33
M912S	9/16" - 3/4"	14 - 20	ZP	100	75	0.33

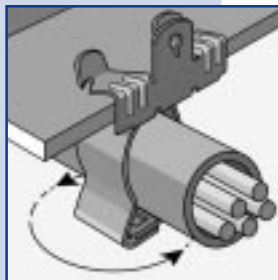


ASSEMBLIES

Part Number	C		PS	Coating				
	IN	mm	Rigid & EMT					
6M24	1/8" - 1/4"	3 - 8	3/8" MC/AC	ZP	100	75	0.33	
6M58	5/16" - 1/2"	8 - 14	3/8" MC/AC	ZP	100	75	0.33	
6M912	9/16" - 3/4"	14 - 20	3/8" MC/AC	ZP	100	75	0.33	
812M24	1/8" - 1/4"	3 - 8	1/2" to 3/4"	ZP	100	75	0.33	
812M58	5/16" - 1/2"	8 - 14	1/2" to 3/4"	ZP	100	75	0.33	
812M912	9/16" - 3/4"	14 - 20	1/2" to 3/4"	ZP	100	75	0.33	
16M24	1/8" - 1/4"	3 - 8	1"	ZP	100	75	0.33	
16M58	5/16" - 1/2"	8 - 14	1"	ZP	100	75	0.33	
16M912	9/16" - 3/4"	14 - 20	1"	ZP	100	75	0.33	
20M24	1/8" - 1/4"	3 - 8	1-1/4"	ZP	100	75	0.33	
20M58	5/16" - 1/2"	8 - 14	1-1/4"	ZP	100	75	0.33	
20M912	9/16" - 3/4"	14 - 20	1-1/4"	ZP	50	75	0.33	
24M24	1/8" - 1/4"	3 - 8	1-1/2"	ZP	50	75	0.33	
24M58	5/16" - 1/2"	8 - 14	1-1/2"	ZP	50	75	0.33	
24M912	9/16" - 3/4"	14 - 20	1-1/2"	ZP	50	75	0.33	
32M24	1/8" - 1/4"	3 - 8	2"	ZP	50	75	0.33	
32M58	5/16" - 1/2"	8 - 14	2"	ZP	50	75	0.33	

FEATURES

- Provided with 1/4"-20 thread impression to support threaded rod.
- Also available with a staked stud, 1/4"-20 x 3/8" to provide easier attachment of outlet boxes to beams. Eliminates having to use loose screws.
- Available with CADDY conduit clip bottom mounted or side mounted.
- Available for 3/8" thru 2" EMT, rigid and aluminum conduit.
- Requires only hammer and pliers to install.
- Will pivot thru 360°.



INSTALLATION TOOLS

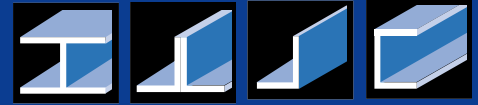


A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size

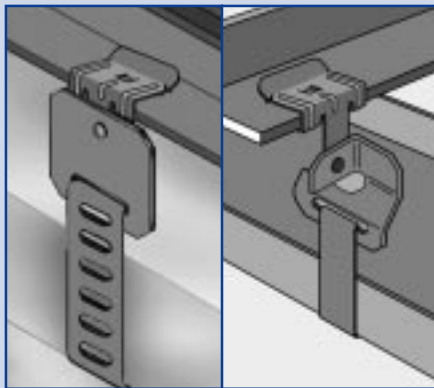
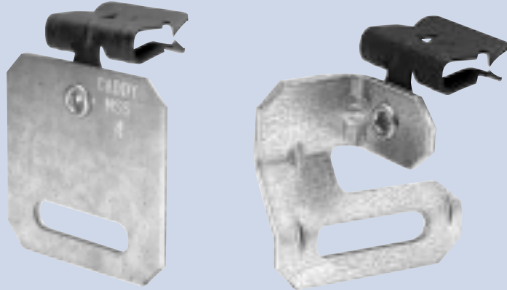


STRAP HANGER CLIPS

For installation with banding or strapping.



STEEL BEAM



FEATURES

- Accepts wider strap widths up to 1-1/4".
- The new clips are made from galvanized steel instead of spring steel. This expands the use to more applications, especially when used with other plated parts like our BC200 beam clamp.

INSTALLATION TOOLS

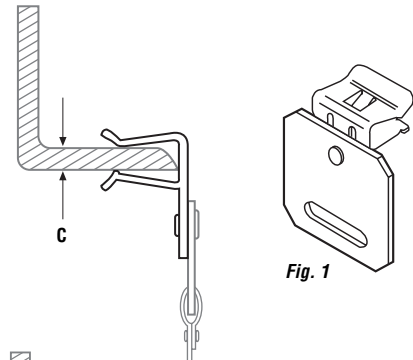


Fig. 1

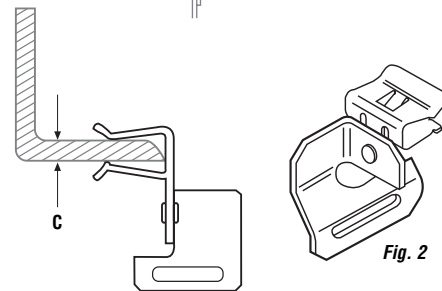


Fig. 2

Part Number	Fig. No.	C		Coating			
		IN	mm			Lbs.	kN
MSS24	1	1/8" - 1/4"	3 - 8	ZP	50/500	200	0.90
MSS58	1	5/16" - 1/2"	8 - 14	ZP	50/500	200	0.90
MSS912	1	9/16" - 3/4"	14 - 20	ZP	50/500	200	0.90
MSR24	2	1/8" - 1/4"	3 - 8	ZP	50/500	200	0.90
MSR58	2	5/16" - 1/2"	8 - 14	ZP	50/500	200	0.90
MSR912	2	9/16" - 3/4"	14 - 20	ZP	50/500	200	0.90

NOTE: MSS and MSR are pregalvanized material.

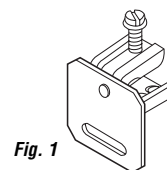


Fig. 1

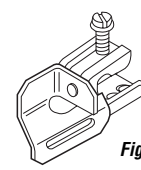


Fig. 2

Part Number	Fig. No.	Strap Width	Coating	C				
				IN	mm		Lbs.	kN
MSSBC200	1	1-1/4"	EG	1/8" - 5/8"	3 - 16	50	100	0.45
MSRBC200	2	1-1/4"	EG	1/8" - 5/8"	3 - 16	50	100	0.45

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size

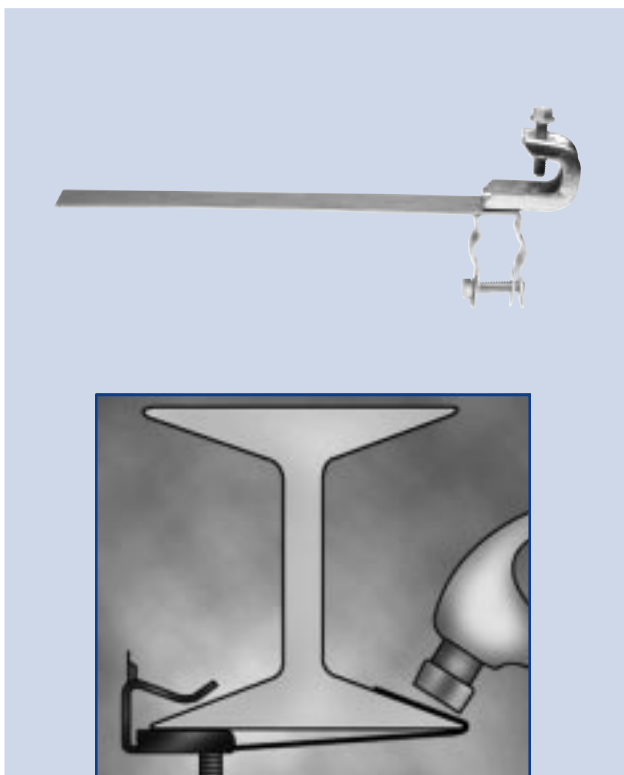
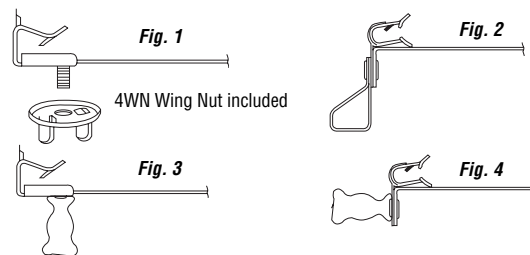


BEAM RETAINER ASSEMBLIES

Preassembled beam clamps and restraint straps for beams or other structural members in industrial or seismic applications.



STEEL BEAM



FEATURES

- Only one piece to install.
- Fast installation.
- Riveted strap eliminates cumbersome assemblies and hardware.
- Strap is easily bent into position.
- Lightweight design, heavyweight results.
- Ideal for seismic locations, as well as industrial applications.

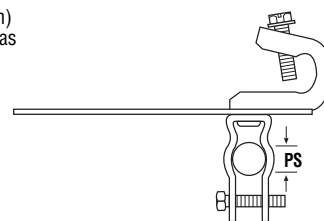
INSTALLATION TOOLS



Part Number	Fig. No.	C		Threaded Rod Stud or Conduit	Coating	Lbs.	kN
		IN	mm				
CM24S*	1	1/8" - 1/4"	3 - 8	1/4"-20 x 3/8" stud	ZP	50	75 0.33
CM58S	1	5/16" - 1/2"	8 - 14	1/4"-20 x 3/8" stud	ZP	50	75 0.33
CM912S	1	9/16" - 3/4"	14 - 20	1/4"-20 x 3/8" stud	ZP	50	75 0.33
C4TI24*	2	1/8" - 1/4"	3 - 8	1/4"-20 threaded rod	ZP	50	100 0.45
C4TI58	2	5/16" - 1/2"	8 - 14	1/4"-20 threaded rod	ZP	50	100 0.45
C4TI912	2	9/16" - 3/4"	14 - 20	1/4"-20 threaded rod	ZP	50	100 0.45
C6TI24*	2	1/8" - 1/4"	3 - 8	3/8"-16 threaded rod	ZP	50	100 0.45
C6TI58	2	5/16" - 1/2"	8 - 14	3/8"-16 threaded rod	ZP	50	100 0.45
C6TI912	2	9/16" - 3/4"	14 - 20	3/8"-16 threaded rod	ZP	50	100 0.45
CM24812M*	3	1/8" - 1/4"	3 - 8	1/2" & 3/4" conduit	ZP	50	75 0.33
CM2416M	3	1/8" - 1/4"	8 - 14	1" conduit	ZP	50	75 0.33
CM58812M	3	5/16" - 1/2"	14 - 20	1/2" & 3/4" conduit	ZP	50	75 0.33
CM5816M	3	5/16" - 1/2"	3 - 8	1" conduit	ZP	50	75 0.33
CM912812M	3	9/16" - 3/4"	8 - 14	1/2" & 3/4" conduit	ZP	50	75 0.33
CM91216M	3	9/16" - 3/4"	14 - 20	1" conduit	ZP	50	75 0.33
C24812SM	4	1/8" - 1/4"	3 - 8	1/2" & 3/4" conduit	ZP	50	75 0.33
C2416SM	4	1/8" - 1/4"	8 - 14	1" conduit	ZP	50	75 0.33
C58812SM*	4	5/16" - 1/2"	14 - 20	1/2" & 3/4" conduit	ZP	50	75 0.33
C5816SM*	4	5/16" - 1/2"	3 - 8	1" conduit	ZP	50	75 0.33
C912812SM	4	9/16" - 3/4"	8 - 14	1/2" & 3/4" conduit	ZP	50	75 0.33
C91216SM	4	9/16" - 3/4"	14 - 20	1" conduit	ZP	50	75 0.33

NOTE: All assemblies come with 13" (330 mm) strap for up to 11" (280 mm) flanges. Except as noted (*) where the strap is 8" (400 mm) for 6" (150 mm) flanges.

All Retainer Straps are pregalvanized material.



Part Number	C Max		Rigid	EMT	Coating	Lbs.	kN
	IN	mm					
CBC200	5/8"	16	—	—	EG	50	100 0.45
CBC200 CD0B	5/8"	16	1/2"	1/2"	EG	50	100 0.45
CBC200 CD1B	5/8"	16	3/4"	3/4"	EG	50	100 0.45
CBC200 CD2B	5/8"	16	1"	1"	EG	50	100 0.45
CBC200 CS2.5B	5/8"	16	—	1-1/4"	EG	50	100 0.45
CBC200 CD3B	5/8"	16	1-1/4"	1-1/2"	EG	50	100 0.45
CBC200 CD4B	5/8"	16	1-1/2"	—	EG	25	100 0.45
CBC200 CD5B	5/8"	16	2"	2"	EG	25	100 0.45
CBC400 CD3B	3/4"	20	1-1/4"	1-1/2"	EG	25	200 0.90
CBC400 CD4B	3/4"	20	1-1/2"	—	EG	25	200 0.90
CBC400 CD5B	3/4"	20	2"	2"	EG	25	200 0.90

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



BEAM RETAINER ACCESSORIES

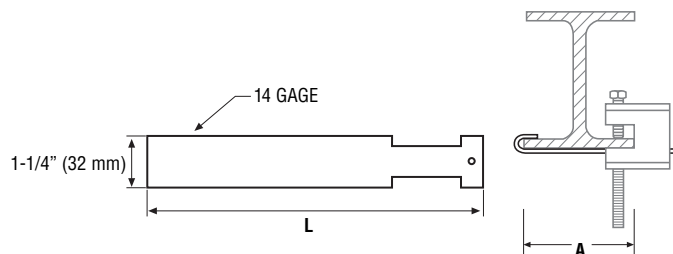
For additional restraint of beam clamps to beams or structural members in industrial or seismic applications.




Retainer Straps for use with BC13 and BC14 Beam Clamps

Part Number	L		A Max		Coating	
	IN	mm	IN	mm		
BC090009EG	9"	230	6"	150	PG	50
BC090012EG	12"	300	9"	230	PG	50
BC090015EG	15"	380	12"	300	PG	25

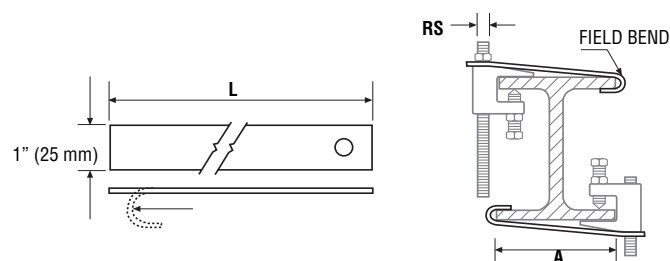
See pages 21 & 22




Retainer Straps for use with 300 and 310 Beam Clamps

Part Number	RS	L		A Max		Coating	
		IN	mm	IN	mm		
FOR USE WITH 3000037EG & 3100037EG							
300C3706EG	3/8"	6"	150	4"	100	PG	100
300C3708EG	3/8"	8"	200	6"	150	PG	100
300C3710EG	3/8"	10"	250	8"	200	PG	100
300C3712EG	3/8"	12"	300	10"	250	PG	100
300C3714EG	3/8"	14"	350	12"	300	PG	100
FOR USE WITH 3000050EG & 3100050EG							
300C5006EG	1/2"	6"	150	4"	100	PG	100
300C5008EG	1/2"	8"	200	6"	150	PG	100
300C5010EG	1/2"	10"	250	8"	200	PG	100
300C5012EG	1/2"	12"	300	10"	250	PG	100
300C5014EG	1/2"	14"	350	12"	300	PG	100

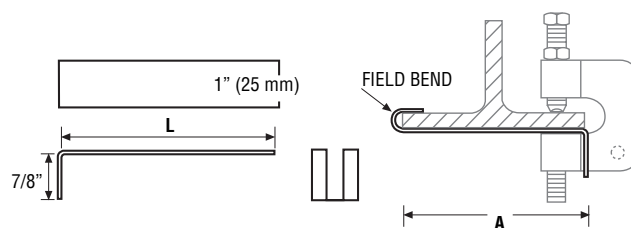
See pages 25 & 26



Retainer Straps for use with 200 Beam Clamps

Part Number	L		A Max		Coating	
	IN	mm	IN	mm		
FOR USE WITH 2000037EG & 2000050EG						
200C3706EG	6"	150	4"	100	PG	50
200C3708EG	8"	200	6"	150	PG	50
200C3710EG	10"	250	8"	200	PG	50
200C3714EG	14"	350	12"	300	PG	50


See page 31





BEAM RETAINER ACCESSORIES

Retainer Straps for use with 255 Beam Clamps

Part Number	L		A Max		Coating	
	IN	mm	IN	mm		
FOR USE WITH 2550037EG & 2550050EG						
255C3706EG	6"	150	4"	100	PG	50
255C3708EG	8"	200	6"	150	PG	50
255C3710EG	10"	250	8"	200	PG	50
255C3714EG	14"	350	12"	300	PG	50

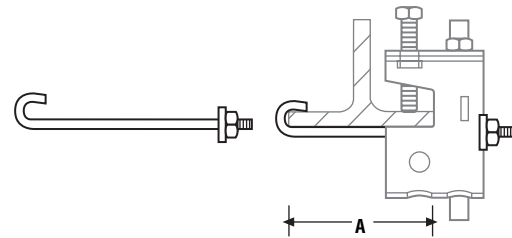
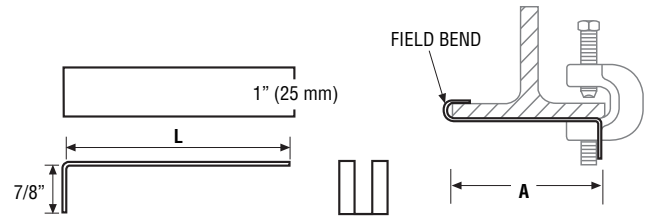
See page 27

J-Bolt for use with BC10 Beam Clamp

Part Number	Description	A	
		IN	mm
BC110000EG	Beam Clamp with 8" J-Bolt	3-1/2" - 7	90 - 180
BC120000EG	Beam Clamp with 12" J-Bolt	7-1/2" - 11	90 - 230
BC11JBLTEG	J-Bolt assembly only	3-1/2" - 7	90 - 180
BC12JBLTEG	J-Bolt assembly only	7-1/2" - 11	190 - 230

See page 29

NOTE: Other sizes, coatings and materials available as a Special Order for all Retainer Straps and J-Bolts.





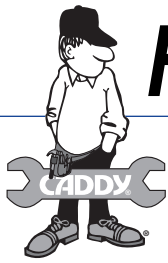
Hey CADDY Man . . . I've got a better idea for you!

(sketch your idea)

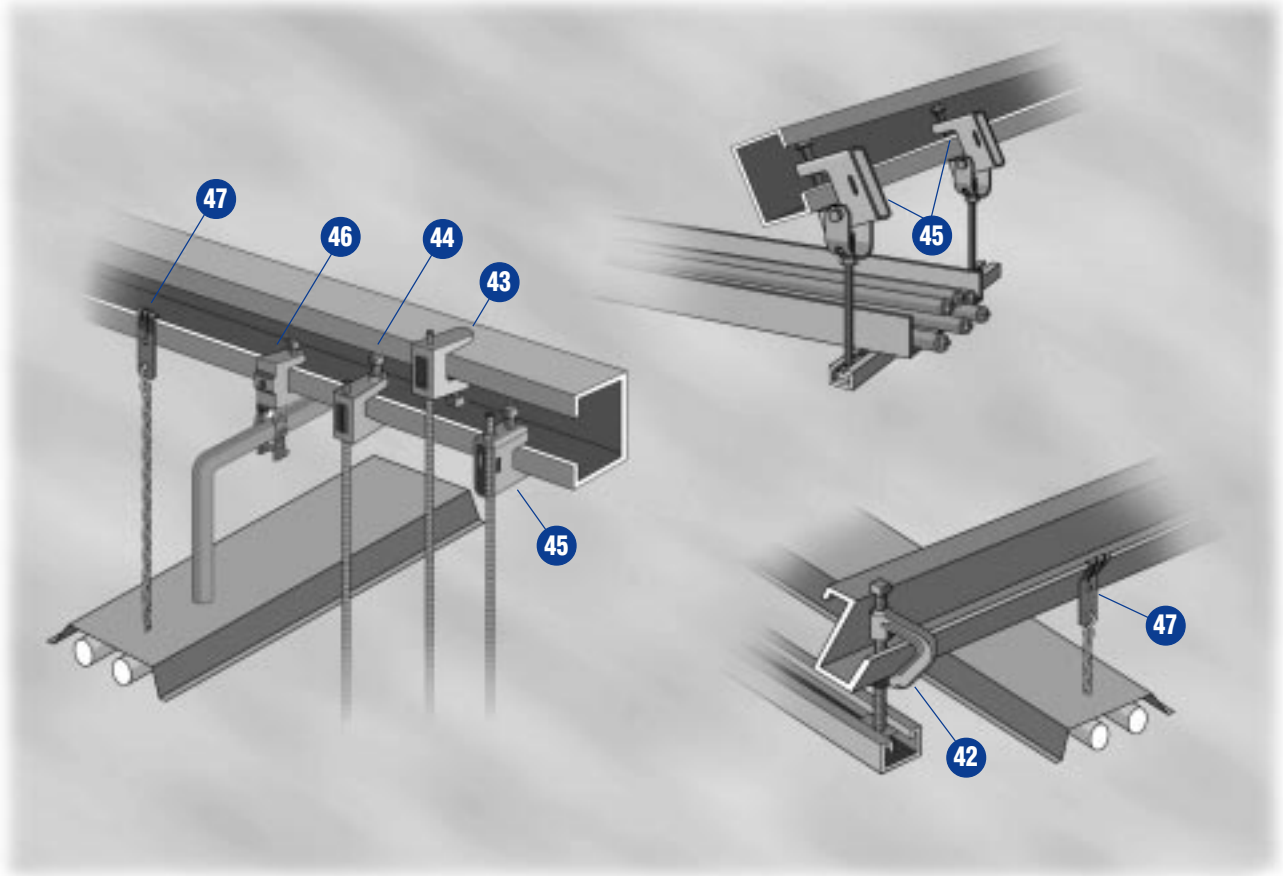
Photocopy your idea and fax to (800) 853-0874

ATTN: Engineering Department

Please include your name, address and phone number!



Fasteners for PURLIN



	Page No.	Part Number	Flange Size		Rod Size	Zinc Plated	Hot Dipped Galvanized
			IN	mm			
Heavy Duty Standard Duty	42	315	<1-5/8"	<41	3/8"	• EG	SO
	43	300	<3/4"	<20	3/8" - 3/4"	• EG	SO
	44	310	<1-1/4"	<32	3/8"-1/2"	• EG	SO
	45	BC10	<3/4"	<20	<1/2"	• EG	SO
	46	BC26	<3/4"	<20	1/4"	• EG	
	47	VF & AF	<1/4"	<5.6	1/4" - 3/8"	• ZP	

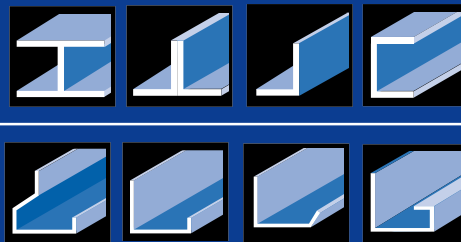
•Available from stock

SO = Special Order

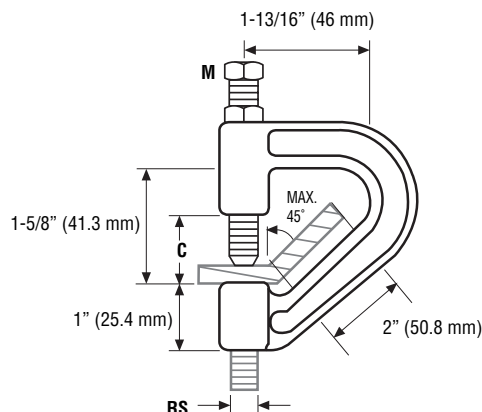
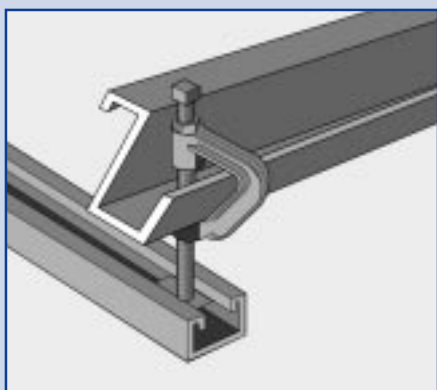


315 PURLIN CLAMP

For attaching components or services to purlins or beams.



PURLIN



Part Number	RS	M	C Max		Coating	Box Qty	Lbs.	kN
			IN	mm				
3150037EG	3/8\" - 16	3/8\" - 16	1"	25	EG	25	400	1.78

FEATURES

- Large mouth opening (1-5/8\" - 41 mm) to fit large thick flange (bottom flange) steel beams or angles and large lip "C" or "Z" Purlins.
- Available for threaded rod sizes 3/8\" dia.
- Attaches to a wide variety of structural sections including "C" Purlins, angles, channels and beams.
- Locknut and hardened cup point setscrew to provide secure grip on tapered sections.
- Malleable iron clamp with electrogalvanized finish for good corrosion protection.
- Available in hot dipped galvanized finish (special order).

INSTALLATION TOOLS

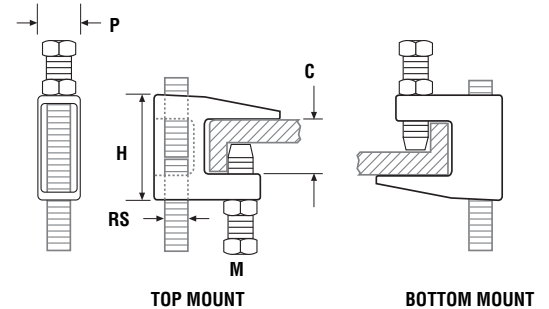
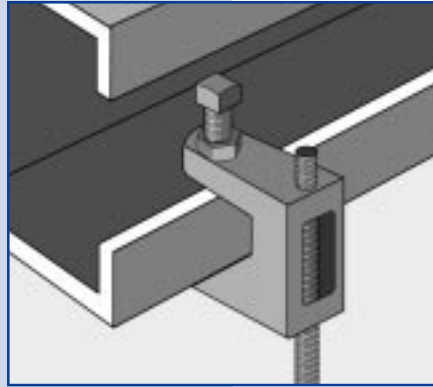
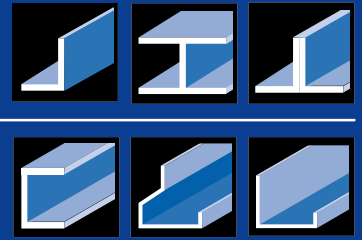


A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



300 BEAM CLAMP

For suspending heavy loads and services with threaded rod from steel beams, purlins, channel or angle.

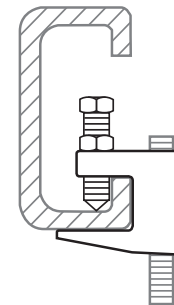


PURLIN

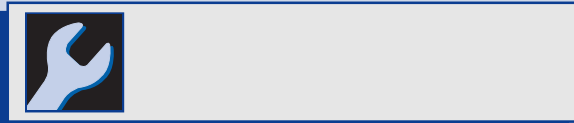
Part Number	RS	M	C Max		H		P		Coating					
			IN	mm	IN	mm	IN	mm			TOP	BOTTOM	Lbs.	kN
3000037EG	3/8" - 16	3/8" - 16	3/4"	20	1-9/16"	39.7	13/16"	20.6	EG	50	500	2.23	250	1.11
3000050EG	1/2" - 13	3/8" - 16	3/4"	20	1-13/16"	46.0	1-1/16"	27.0	EG	50	950	4.23	760	3.38
3000062EG	5/8" - 11	3/8" - 16	3/4"	20	1-13/16"	46.0	1-1/16"	27.0	EG	50	950	4.23	760	3.38
3000075EG	3/4" - 10	3/8" - 16	3/4"	20	1-3/4"	44.5	1-1/8"	28.6	EG	50	950	4.23	760	3.38

FEATURES

- Reversible for attachment to top or bottom flange.
- Available for threaded rod sizes 3/8" to 3/4" dia.
- Accommodates a wide variety of structural sections including "C" Purlins, angles, channels and beams.
- Locknut and hardened cup point setscrew to provide secure grip on tapered sections.
- Malleable iron clamp with electrogalvanized finish for good corrosion protection.
- Available in hot dipped galvanized finish (special order).



INSTALLATION TOOLS

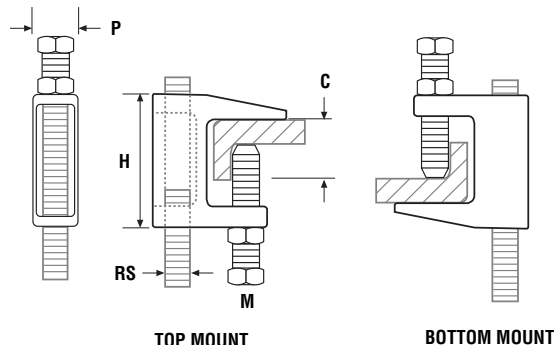
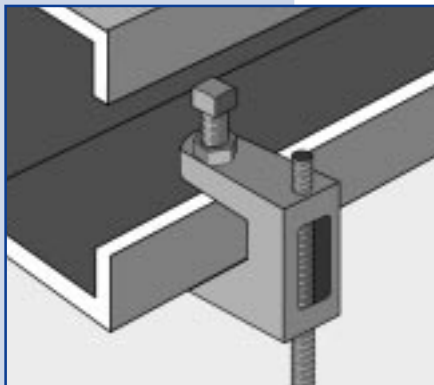
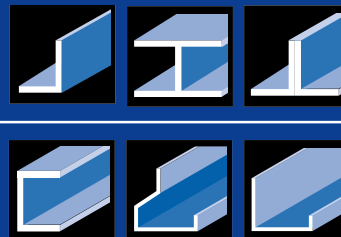


A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



310 BEAM CLAMP

For suspending heavy loads and services with threaded rod from thick or large lipped steel beams, purlins, channel or angle.



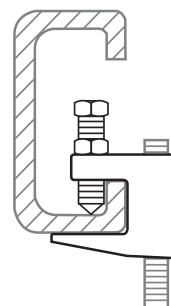
TOP MOUNT

BOTTOM MOUNT

Part Number	RS	M	C Max		H		P		Coating	Box	TOP		BOTTOM	
			IN	mm	IN	mm	IN	mm			Lbs.	kN	Lbs.	kN
3100037EG	3/8" - 16	3/8" - 16	1-1/4"	32	2-1/16"	52.4	13/16"	20.6	EG	50	500	2.23	250	1.11
3100050EG	1/2" - 13	1/2" - 13	1-1/4"	32	2-3/8"	60.3	1-1/16"	27.0	EG	50	950	4.23	760	3.38

FEATURES

- Large mouth opening (1-1/4" [32 mm]) to fit large thick flange steel beams or angles and large lip purlins.
- Reversible for attachment to top or bottom flange.
- Available for threaded rod sizes 3/8" and 1/2" dia.
- Attaches to a wide variety of structural sections including "C" Purlins, angles, channels and beams.
- Locknut and hardened cup point setscrew to provide secure grip on tapered sections.
- Malleable iron clamp with electrogalvanized finish for good corrosion protection.
- Available in hot dipped galvanized finish (special order).



INSTALLATION TOOLS

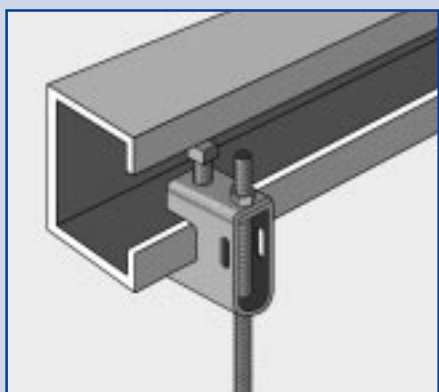
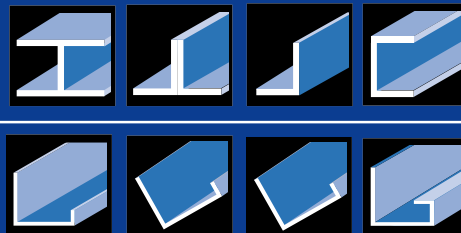


A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



BC10 BEAM CLAMP

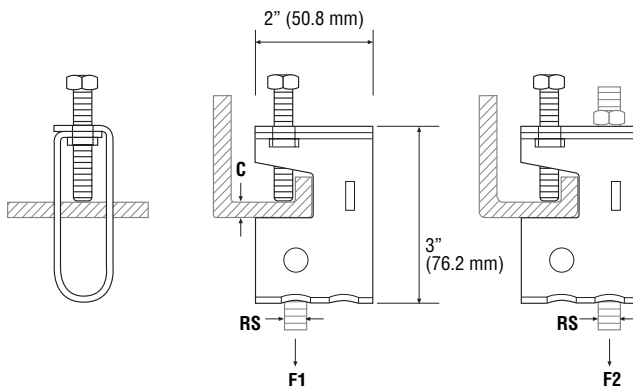
For suspension of services and components from straight or inclined structural sections.



FEATURES

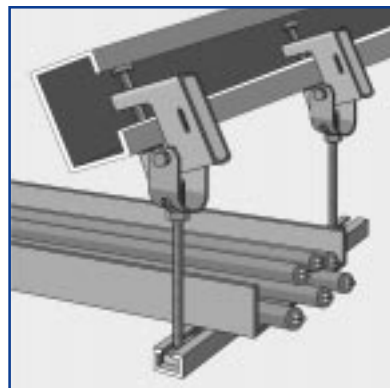
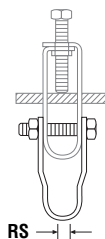
- Accommodates rod sizes up to 1/2" dia.
- For attachment to beams or angles up to 3/4" (20 mm) thick.
- Designed to allow swivel up to 15° from bottom holes or with the use of BC15 swivel (available separately) attachment to inclined beams without bending the rod.
- Hardened cup point setscrew.
- Stamped steel with electrogalvanized finish for good corrosion protection.
- Available in hot dipped galvanized finish (special order).

INSTALLATION TOOLS



F1 is load rating from the front hole
F2 is load rating from the back hole

Part Number	RS	M	C Max		Coating	Box	F1		F2	
			IN	mm			Lbs.	kN	Lbs.	kN
BC100000EG	1/2"	3/8" - 16	3/4"	20	EG	25	500	2.20	300	1.30



Swivel Assemblies

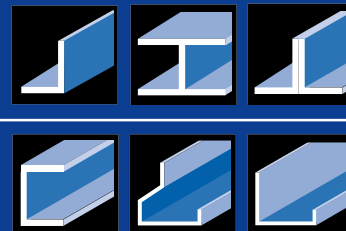
Part Number	RS	Description	Coating	Box
BC150000EG	1/2"	Swivel assembly only	EG	25
BC101500EG	1/2"	Beam clamp with swivel assembly	EG	25

PURLIN

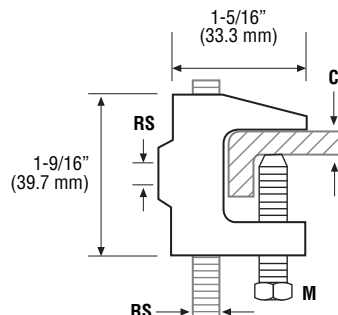
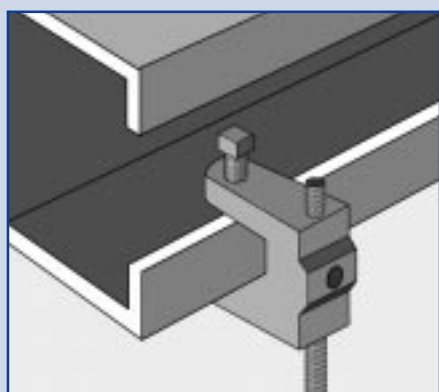


BC26 BEAM CLAMP

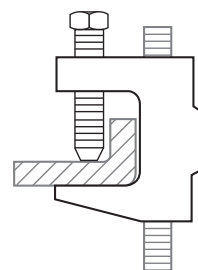
For attaching or suspending services with threaded rods or bridle rings from structural sections.



PURLIN



TOP MOUNT



BOTTOM MOUNT

FEATURES

- Easy installation to steel members up to 3/4" (20 mm) thick.
- Reversible to allow installation to both top and bottom flange.
- Hardened cup point setscrew to provide secure grip on tapered sections.
- Threaded to quickly accommodate attachment of 1/4" dia. threaded rod, bridle rings and boxes from three positions – top, bottom and back.
- Heavy duty malleable iron construction with electrogalvanized finish for added corrosion protection.

INSTALLATION TOOLS



Part Number	RS	M	C Max		Coating	Box	TOP		BOTTOM	
			IN	mm			Lbs.	kN	Lbs.	kN
BC26	1/4" - 20	1/4" - 20	3/4"	20	EG	100	250	1.10	100	0.44

A = Flange Width

C = Flange Size

Ø = Diameter

H = Fastener Height

M = Bolt Size

P = Fastener Width

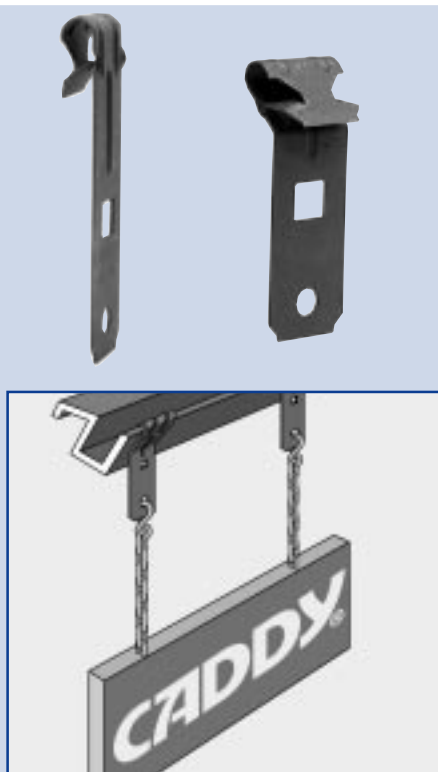
PS = Pipe Size Rigid/EMT

RS = Rod Size



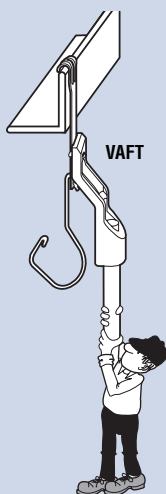
VF & AF PURLIN CLIPS

For attachment of components or threaded rod to angle, "C" and "Z" Purlins.

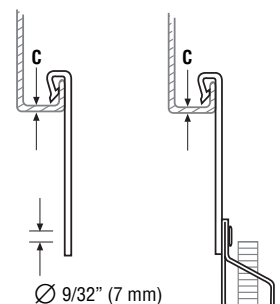


FEATURES

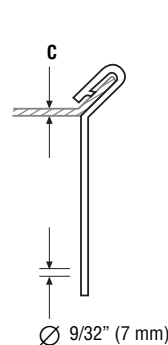
- One fastener fits flanges 1/16" to 1/4" (1.5 to 6 mm).
- Supports wire or rod from bar joist, "C" Purlin (VF14) or "Z" Purlin (AF14).
- Installs from floor with VAFT tool and conduit.



INSTALLATION TOOLS



RS



RS



Fig. 1

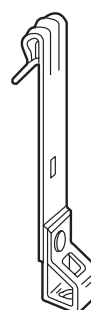


Fig. 2

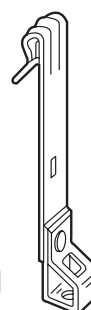


Fig. 3*

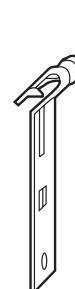


Fig. 4

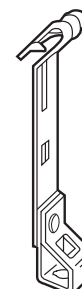


Fig. 5

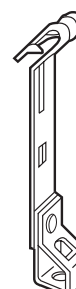


Fig. 6*

Part Number	Fig. No.	C		RS	Coating	Box	Lbs.	kN
		IN	mm					
VF14	1	1/16" - 1/4"	1.5 - 5.6	—	ZP	100	160	0.71
VF144TI	2	1/16" - 1/4"	1.5 - 5.6	1/4" - 20	ZP	100	160	0.71
VF146TI	2	1/16" - 1/4"	1.5 - 5.6	3/8" - 16	ZP	100	160	0.71
VF146T*	3	1/16" - 1/4"	1.5 - 5.6	3/8"	ZP	100	160	0.71
AF14	4	1/16" - 1/4"	1.5 - 5.6	—	ZP	100	100	0.45
AF144TI	5	1/16" - 1/4"	1.5 - 5.6	1/4" - 20	ZP	100	100	0.45
AF146TI	5	1/16" - 1/4"	1.5 - 5.6	3/8" - 16	ZP	100	100	0.45
AF146T*	6	1/16" - 1/4"	1.5 - 5.6	3/8"	ZP	100	100	0.45

*Nuts required

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



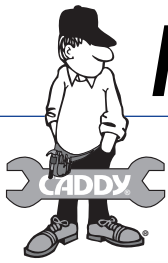
Hey CADDY Man . . . I've got a better idea for you!

(sketch your idea)

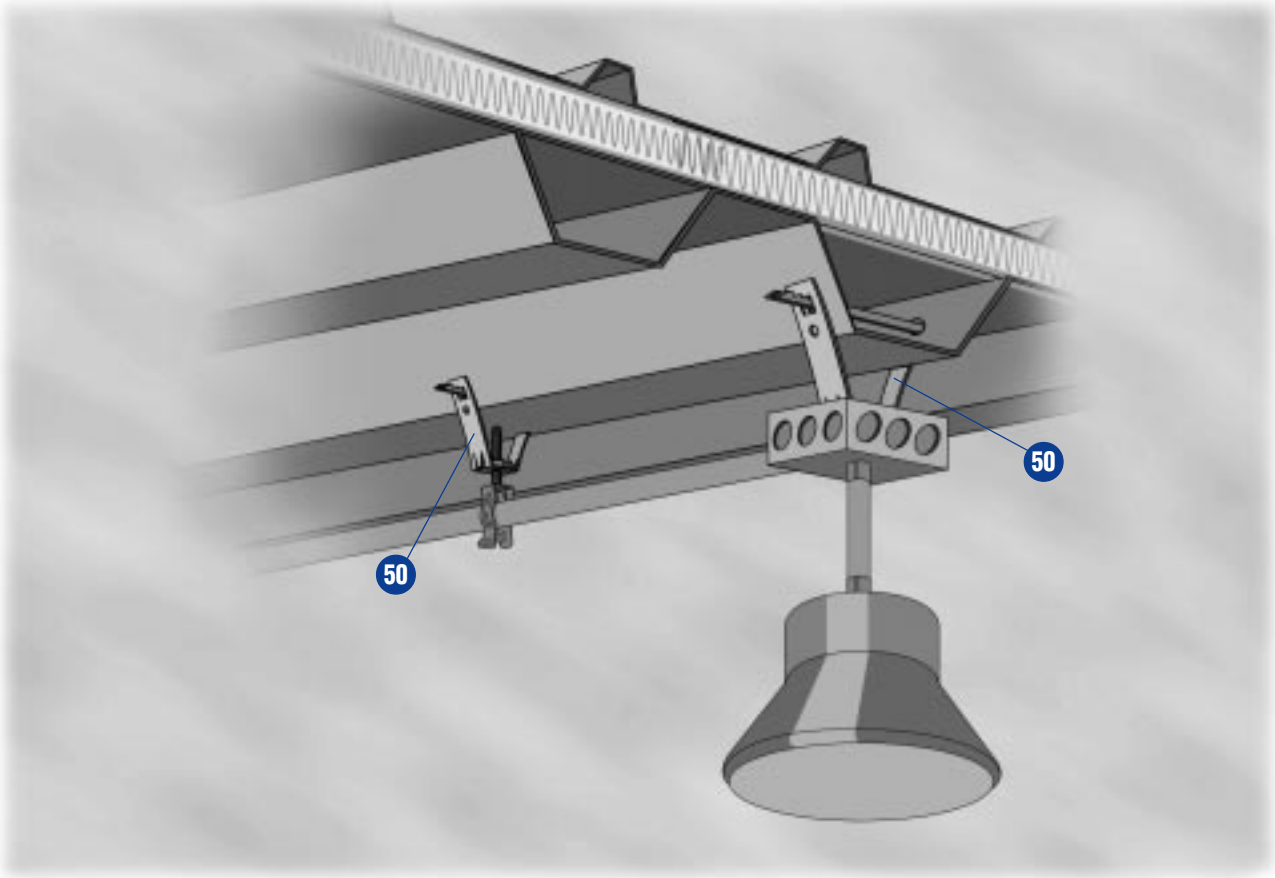
Photocopy your idea and fax to (800) 853-0874

ATTN: Engineering Department

Please include your name, address and phone number!



Fasteners for *DECKING*

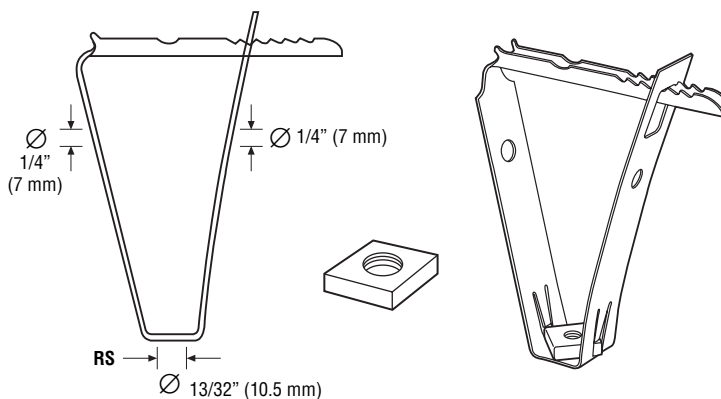
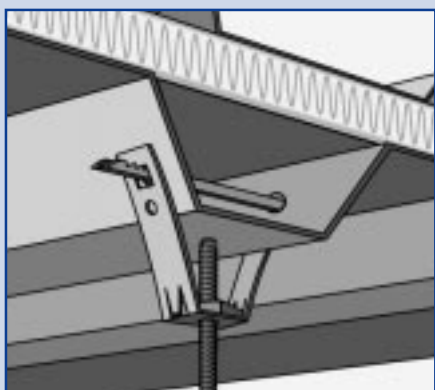



Page No.	Part Number	Rod Size	Zinc Plated
50	TDH	1/4"-3/8"	EPZ

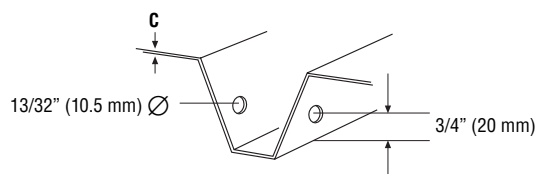


TDH CLAMP

Fastening steel system for suspending threaded rods from roof decking.



Part Number	RS	Coating	
TDH	3/8"	EPZ	50
TDHT4	1/4" - 20	EPZ	50
TDHT6	3/8" - 16	EPZ	50



FEATURES

- Minimum roof decking sheet thickness 24 gauge.
- Maximum trapeze width 2" (50 mm).
- 1/4" or 3/8" square section nut or 3/8" (10 mm) clearance hole.


INSTALLATION TOOLS



TDHP PROFILE PUNCH

- Easy one-step operation
- Pre-set dimensions
- No secondary power source required



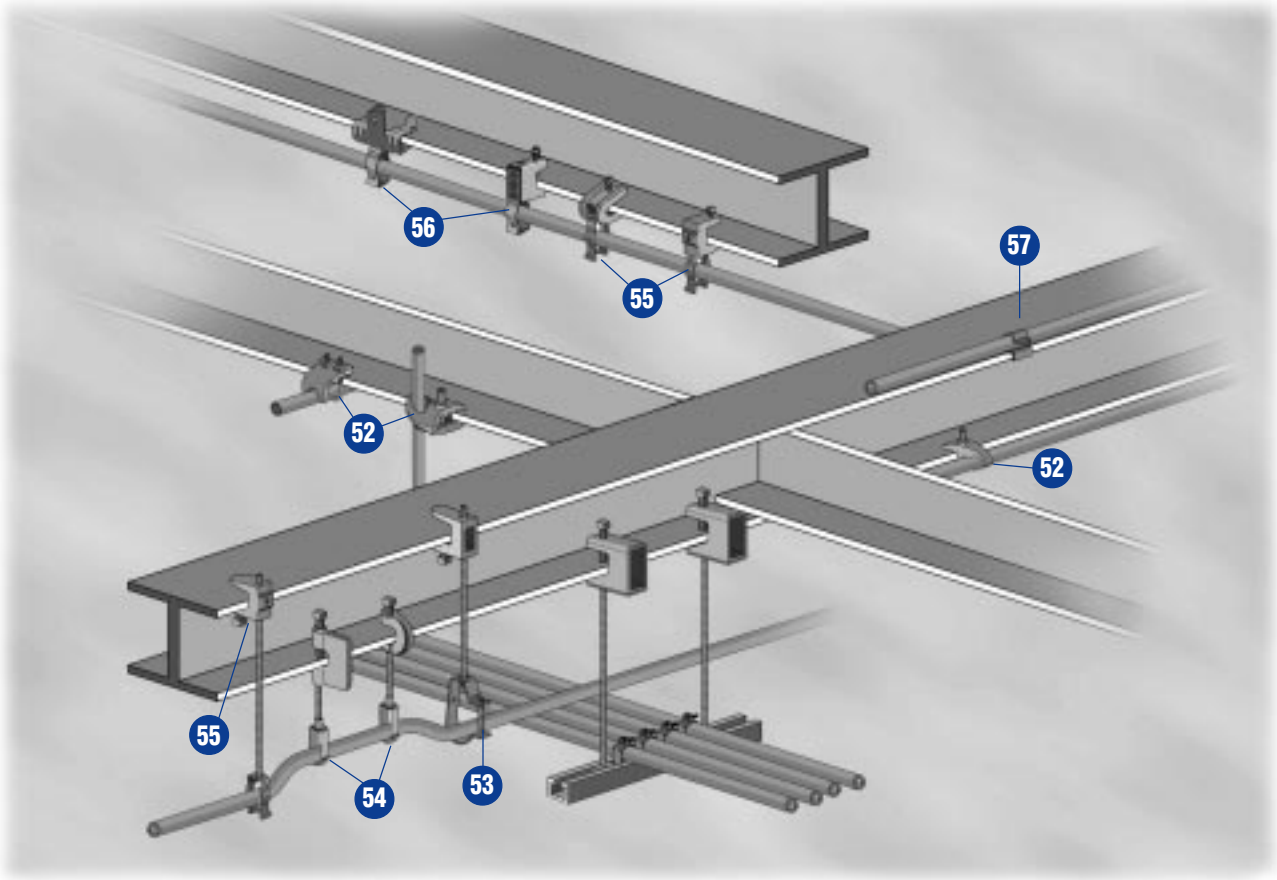
C		Gauge	 *	
IN	mm		Lbs.	kN
0.025 - 0.0276	0.63 - 0.70	24	130	0.60
0.0276 - 0.0315	0.70 - 0.80	23	150	0.70
0.0315 - 0.0394	0.80 - 1.00	22	180	0.80
0.0394	1.00	19	200	0.90

* Applies to vertical suspension from decking thickness (C).

A = Flange Width C = Decking Sheet Thickness Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



Fasteners for CONDUIT



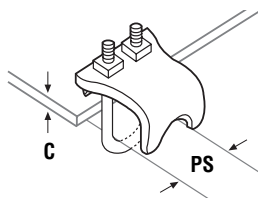
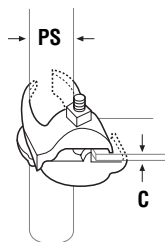
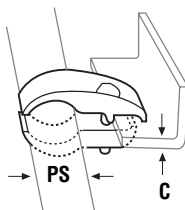
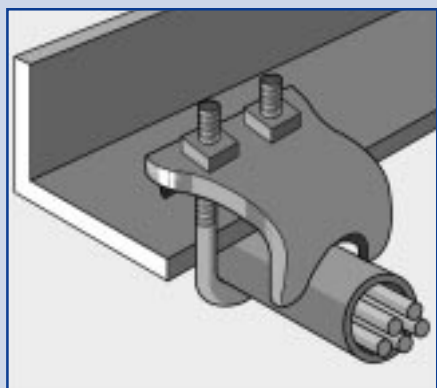
	Page No.	Part Number	Flange Size		Zinc Plated	Hot Dipped Galvanized	Stainless Steel
			Rod Size	Pipe Size			
Heavy Duty Standard Duty	52	PAR / ET / RA		3/8"-4"		•	SO
	53	418	3/8"-5/8"	1/2"-4"	• EG	SO	SO
	54	115/100	3/8"-5/8"	1/2"-4"	• EG		
	55	CD	1/4"-5/16"	1/2"-4"	• EG		•
	56	M Series	1/4"	3/8"-2"	• ZP		
	57	SC		1/16"-1"	• EPZ		

•Available from stock SO = Special Order



PAR / ET / RA CLAMPS

For attaching conduits and pipes directly to steel structural members.



FEATURES

- Ideal for direct attachment of conduit to steel structural sections.
- Malleable iron casting with steel hardware.
- Hot dipped galvanized coating for excellent corrosion protection.
- Range for 3/8" to 4" diameter pipe.
- Available with stainless steel hardware (special order).

INSTALLATION TOOLS



Part Number	PS	C Max		Coating	
		IN	mm		
PAR0037HD	3/8"	3/4"	20	HDG	25
PAR0050HD	1/2"	3/4"	20	HDG	25
PAR0075HD	3/4"	3/4"	20	HDG	25
PAR0100HD	1"	3/4"	20	HDG	25
PAR0125HD	1-1/4"	3/4"	20	HDG	25
PAR0150HD	1-1/2"	3/4"	20	HDG	25
PAR0200HD	2"	3/4"	20	HDG	20
PAR0250HD	2-1/2"	3/4"	20	HDG	10
PAR0300HD	3"	3/4"	20	HDG	10
PAR0350HD	3-1/2"	3/4"	20	HDG	10
PAR0400HD	4"	3/4"	20	HDG	10

Part Number	PS	C Max		Coating	
		IN	mm		
ET0050HD	1/2"	3/4"	20	HDG	25
ET0075HD	3/4"	3/4"	20	HDG	25
ET0100HD	1"	3/4"	20	HDG	25
ET0125HD	1-1/4"	3/4"	20	HDG	25
ET0150HD	1-1/2"	3/4"	20	HDG	20
ET0200HD	2"	3/4"	20	HDG	10
ET0250HD	2-1/2"	3/4"	20	HDG	10
ET0300HD	3"	3/4"	20	HDG	10

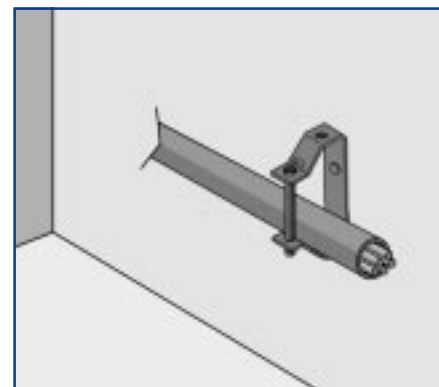
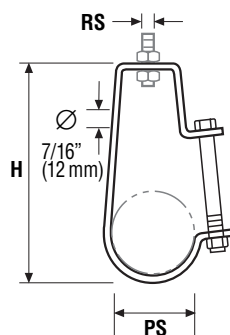
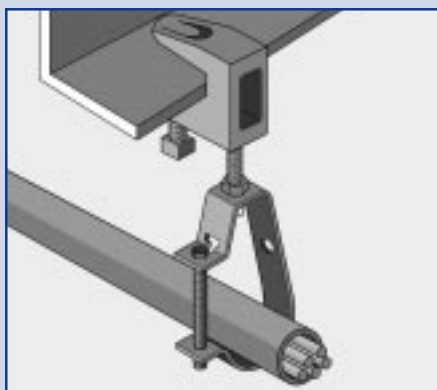
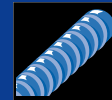
Part Number	PS	C Max		Coating	
		IN	mm		
RA0037HD	3/8"	3/4"	20	HDG	25
RA0050HD	1/2"	3/4"	20	HDG	25
RA0075HD	3/4"	3/4"	20	HDG	25
RA0100HD	1"	3/4"	20	HDG	25
RA0125HD	1-1/4"	3/4"	20	HDG	25
RA0150HD	1-1/2"	3/4"	20	HDG	20
RA0200HD	2"	3/4"	20	HDG	20
RA0250HD	2-1/2"	3/4"	20	HDG	20
RA0300HD	3"	3/4"	20	HDG	15
RA0350HD	3-1/2"	3/4"	20	HDG	10
RA0400HD	4"	3/4"	20	HDG	10

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



418 CONDUIT HANGER

Conduit and pipe support for suspension from threaded rod or direct attachment to structure.



FEATURES

- Quick and easy installation of pipe after hanger has been installed by using T-slot hole and bolt, without removing nut.
- For pipe sizes up to 4" dia. Larger sizes available (special order).
- 7/16" (12 mm) dia. side hole permits wall mounting.
- Sturdy steel construction with electrogalvanized finish for added corrosion protection.
- Available in hot dipped galvanized finish or made from AISI 304 or 316 stainless steel (special order).

INSTALLATION TOOLS

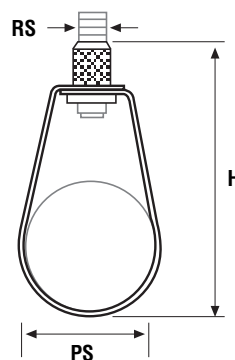
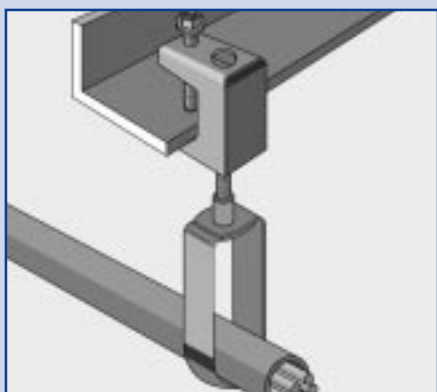


Part Number	PS		H		RS		Coating	Box	Weight	
	IN	mm	IN	mm	IN	mm			Lbs.	kN
4180050EG	1/2"	14.0	3"	16.2	3/8"	10	EG	50	400	1.80
4180075EG	3/4"	20.0	3-3/8"	85.7	3/8"	10	EG	50	400	1.80
4180100EG	1"	25.0	3-11/16"	93.7	3/8"	10	EG	50	400	1.80
4180125EG	1-1/4"	32.0	4-1/2"	114.3	3/8"	10	EG	50	400	1.80
4180150EG	1-1/2"	39.0	4-13/16"	122.2	3/8"	10	EG	50	400	1.80
4180200EG	2"	50.0	5-11/16"	144.5	3/8"	10	EG	50	400	1.80
4180250EG	2-1/2"	63.5	6-3/4"	171.5	1/2"	13	EG	25	800	3.60
4180300EG	3"	75.0	7-11/16"	195.3	1/2"	13	EG	25	800	3.60
4180350EG	3-1/2"	90.0	8-9/16"	217.5	1/2"	13	EG	25	800	3.60
4180400EG	4"	100.0	9-3/16"	233.4	5/8"	16	EG	25	800	3.60



115 / 100 Swivel Loop Hanger

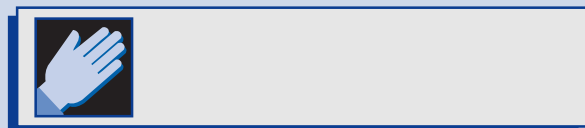
Conduit and pipe support for suspension from threaded rod.



FEATURES

- Quick and simple to install conduit and pipe support.
- For pipe sizes up to 4" dia. Larger sizes available (special order).
- Swivel nut makes height adjustment easy.
- Comes finished with pregalvanized band and electrogalvanized swivel nut.

INSTALLATION TOOLS



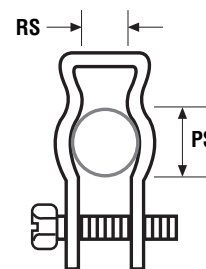
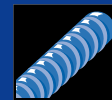
Part Number	PS		H		RS	Coating			
	IN	mm	IN	mm	IN			Lbs.	kN
1000050EG	1/2"	14.0	3-1/8"	79.4	3/8" - 16	EG	100	300	1.30
1000075EG	3/4"	20.0	3-1/16"	77.8	3/8" - 16	EG	100	300	1.30
1000100EG	1"	25.0	3-3/16"	81.0	3/8" - 16	EG	100	300	1.30
1000125EG	1-1/4"	32.0	3-1/2"	88.9	3/8" - 16	EG	100	300	1.30
1000150EG	1-1/2"	39.0	3-15/16"	100.0	3/8" - 16	EG	100	300	1.30
1000200EG	2"	50.0	4-1/2"	114.3	3/8" - 16	EG	100	300	1.30
1150250EG	2-1/2"	63.5	5-15/16"	150.8	3/8" - 16	EG	50	525	2.30
1150300EG	3"	75.0	6-1/2"	165.1	3/8" - 16	EG	50	525	2.30
1150350EG	3-1/2"	90.0	7-1/16"	179.4	3/8" - 16	EG	50	585	2.60
1150400EG	4"	100.0	7-1/2"	190.5	3/8" - 16	EG	25	650	2.90

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



CD SERIES CONDUIT CLIP

Conduit and pipe support for suspension from threaded rod, direct attachment to beam clamps, or direct attachment to structure.





FEATURES

- Fast and easy installation – installs with screwdriver or nut driver.
- Now with Slotted, Hex, Phillips, Robertson combo head.
- Accommodates 1/2" thru 4" EMT or rigid conduit.
- Mounting hole size CD0 thru CD3 for 1/4" bolt. CD4 thru CD9 for 5/16" bolt.
- Retained bolt and built-in nut means there are less parts to handle or drop. Electrogalvanized zinc finish.
- Can be used in all locations where EMT or rigid conduit is used.

INSTALLATION TOOLS



Mild Steel	Coating	Stainless Steel	Material	RS	PS				
					Rigid	EMT		Lbs.	kN
CD0B*	EG	CD0BSS	SS	1/4"	1/2"	1/2"	100	250	1.10
CD1B*	EG	CD1BSS	SS	1/4"	3/4"	3/4"	100	250	1.10
CD2B*	EG	CD2BSS	SS	1/4"	1	1	100	250	1.10
CD2.5B*	EG	CD2.5BSS	SS	1/4"	–	1-1/4"	100	250	1.10
CD3B*	EG	CD3BSS	SS	1/4"	1-1/4"	1-1/2"	100	250	1.10
CD4B*	EG	CD4BSS	SS	5/16"	1-1/2"	–	50	350	1.50
CD5B*	EG	CD5BSS	SS	5/16"	2	2	50	350	1.50
CD6B	EG	CD6BSS	SS	5/16"	2-1/2"	2-1/2"	25	350	1.50
CD7B	EG	CD7BSS	SS	5/16"	3	3	25	350	1.50
CD8B	EG	CD8BSS	SS	5/16"	3-1/2"	3-1/2"	10	350	1.50
CD9B	EG	CD9BSS	SS	5/16"	4	4	10	350	1.50

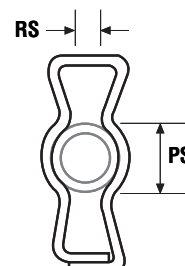
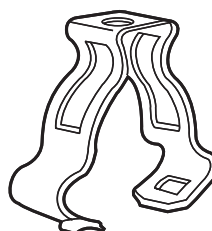
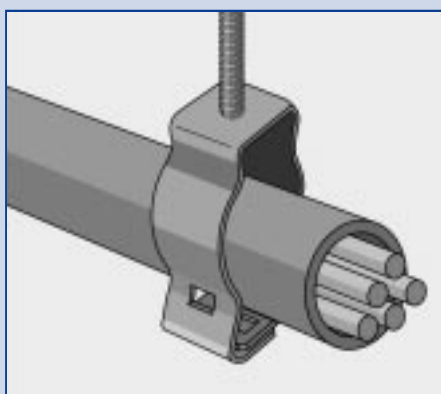
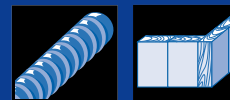
*Manufactured with retained bolt and built-in nut.



Also available in stainless steel 302.
Contact factory for price and delivery.
To order add suffix **SS** (ie. CD2B-**SS**).
Stainless does not have nutless feature.



M SERIES CONDUIT CLIP

Conduit and pipe support for suspending from threaded rod, direct attachment to beam clamp, or direct attachment to structure.

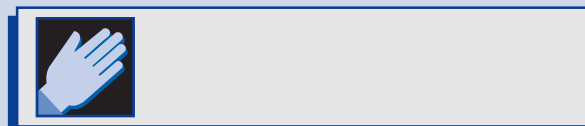


Part Number	RS	PS	Material			
					Lbs.	kN
6M	1/4"	3/8" MC/AC	ZP	100	100	0.45
812M	1/4"	1/2" - 3/4"	ZP	100	100	0.45
16M	1/4"	1"	ZP	100	100	0.45
20M	1/4"	1-1/4"	ZP	100	100	0.45
24M	1/4"	1-1/2"	ZP	100	100	0.45
32M	1/4"	2"	ZP	100	100	0.45
812M4I	1/4" - 20	1/2" - 3/4"	ZP	100	100	0.45
6M4I	1/4" - 20	3/8"	ZP	100	100	0.45
16M4I	1/4" - 20	1"	ZP	100	100	0.45
20M4I	1/4" - 20	1-1/4"	ZP	100	100	0.45
24M4I	1/4" - 20	1-1/2"	ZP	100	100	0.45
32M4I	1/4" - 20	2"	ZP	100	100	0.45

FEATURES

- Available for 3/8" thru 2" EMT, rigid and aluminum conduit.
- Can be used with Universal Clamp for both vertical and horizontal installation of conduit. 1/4"-20 thread impressions are provided on the Universal Clamp.
- Available with either a plain hole for 1/4" bolt or a 1/4"-20 thread impression.
- Clips have new finger close capability. 6M redesigned to work better with MC & AC cable.

INSTALLATION TOOLS

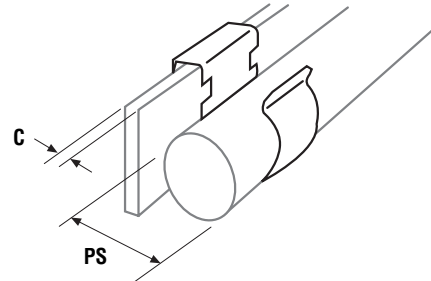
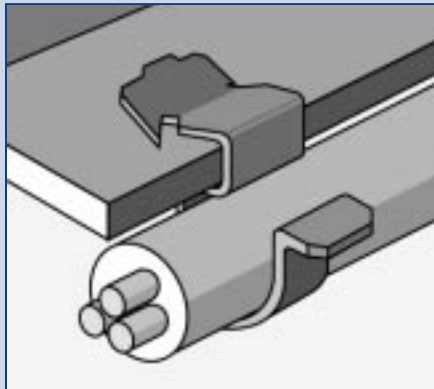
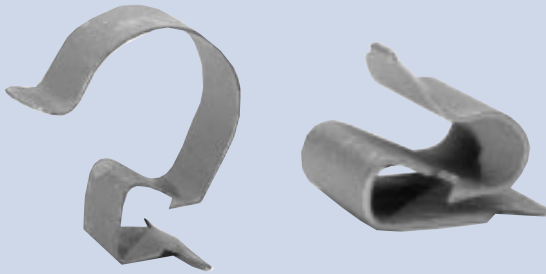


A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



SC CABLE CLIP

For direct attachment of cables and conduit to structural members.



FEATURES

- Supports cable from 1/16"-1/2" (1.5 to 13 mm) flange.
- Works effectively with all cable and conduit dimensions from 7/32" - 1-1/4" (6 - 32 mm).
- Clip "snaps" on flange and cable "snaps" into clip. This is "snappy."
- For positioning only.

INSTALLATION TOOLS



Part Number	C		Cable O.D.		PS		Coating	100
	IN	mm	IN	mm	EMT	Rigid		
SC2A	1/16" - 3/16"	1.5 - 4	.218 - .281	6 - 7	—	—	EPZ	100
SC2B	1/16" - 3/16"	1.5 - 4	.312 - .375	8 - 9	—	—	EPZ	100
SC2C	1/16" - 3/16"	1.5 - 4	.375 - .437	10 - 11	—	—	EPZ	100
SC2D	1/16" - 3/16"	1.5 - 4	.468 - .562	12 - 14	—	—	EPZ	100
SC2E	1/16" - 3/16"	1.5 - 4	.500 - .718	13 - 18	3/8, 1/2	3/8	EPZ	100
SC2F	1/16" - 3/16"	1.5 - 4	.750 - .937	19 - 24	3/4	1/2	EPZ	100
SC2G	1/16" - 3/16"	1.5 - 4	.968 - 1.25	25 - 32	1	3/4	EPZ	100
SC4A	1/16" - 3/16"	1.5 - 4	.218 - .281	6 - 7	—	—	EPZ	100
SC4B	3/16" - 9/32"	4 - 7	.312 - .375	8 - 9	—	—	EPZ	100
SC4C	3/16" - 9/32"	4 - 7	.375 - .437	10 - 11	—	—	EPZ	100
SC4D	3/16" - 9/32"	4 - 7	.468 - .562	12 - 14	—	—	EPZ	100
SC4E	3/16" - 9/32"	4 - 7	.500 - .718	13 - 18	3/8, 1/2	3/8	EPZ	100
SC4F	3/16" - 9/32"	4 - 7	.750 - .937	19 - 24	3/4	1/2	EPZ	100
SC4G	3/16" - 9/32"	4 - 7	.968 - 1.25	25 - 32	1	3/4	EPZ	100
SC8A	5/16" - 1/2"	8 - 12	.218 - .281	6 - 7	—	—	EPZ	100
SC8B	5/16" - 1/2"	8 - 12	.312 - .375	8 - 9	—	—	EPZ	100
SC8C	5/16" - 1/2"	8 - 12	.375 - .437	10 - 11	—	—	EPZ	100
SC8D	5/16" - 1/2"	8 - 12	.468 - .562	12 - 14	—	—	EPZ	100
SC8E	5/16" - 1/2"	8 - 12	.500 - .718	13 - 18	3/8, 1/2	3/8	EPZ	100
SC8F	5/16" - 1/2"	8 - 12	.750 - .937	19 - 24	3/4	1/2	EPZ	100
SC8G	5/16" - 1/2"	8 - 12	.968 - 1.25	25 - 32	1	3/4	EPZ	100

CONDUIT SUPPORTS



Hey CADDY Man . . . I've got a better idea for you!

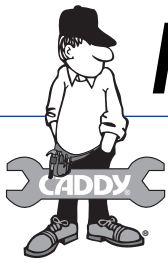
(sketch your idea)

A large rectangular area filled with a fine grid of lines, intended for sketching a technical drawing or idea.

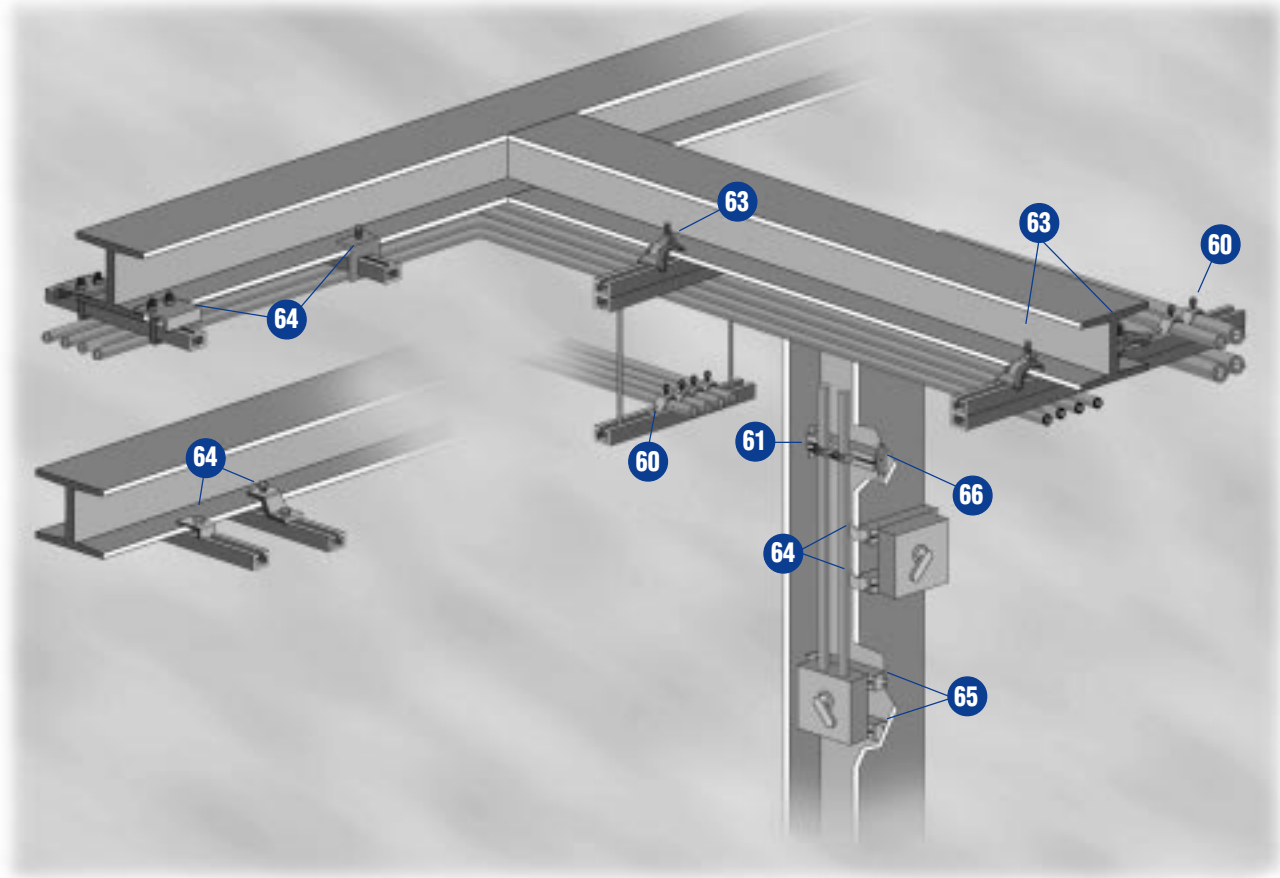
Photocopy your idea and fax to (800) 853-0874

ATTN: Engineering Department

Please include your name, address and phone number!



Fasteners for STRUT



	Page No.	Part Number	Flange Size		Rod Size	Pipe Size	Hot Dipped Zinc Plated	Galvanized	Stainless Steel
			IN	mm					
Heavy Duty	60	SCH				1/2" - 4"	• EG		
	61	SK *				1/2" - 4"	• EG		•
	62	MFA			1/4"		• ZP		
	63	6000	<1-3/8"	<35				•	•
Standard Duty	64	BC17	<3/4"	<20			• EG	SO	SO
	64	BC18	<1"	<25			• EG	SO	SO
	64	BC16	<7/8"	<22			• EG	SO	
	64	BC20	<1/2"	<13			• EG	SO	SO
	64	BC21	<1"	<25			• EG	SO	SO
	65	BC23					• EG		
	66	INC8T5					• ZP		

* Also available in Aluminum

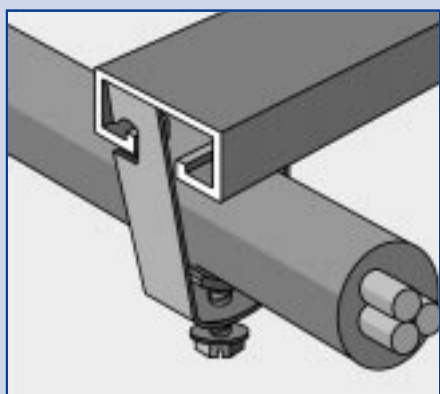
• Available from stock

SO = Special Order



SCH STRUT CLAMPS

For attachment of cable, conduit and pipe to strut.



FEATURES

- One piece installation means no screws or bolts to drop.
- Installs quickly and easily. Requires only a screwdriver or nut driver for installation.
- Heavy-duty construction with a galvanized finish.
- Size 3/8" MC/AC to 4" EMT or rigid conduit.
- All sizes available with load distribution plates.

INSTALLATION TOOLS



Fig. 1

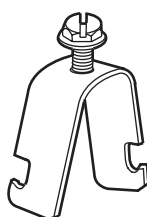


Fig. 2

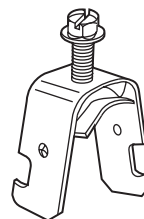
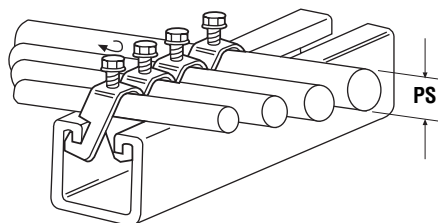
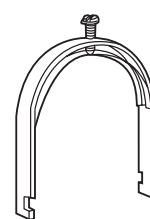


Fig. 3



Part Number	Fig. No.	PS		Cable O.D. Range	Coating			
		EMT	Rigid				Lbs.	kN
SCH8	1	1/2"	—	—	EG	100	200	0.90
SCH12	1	3/4"	1/2"	—	EG	100	200	0.90
SCH16	1	1"	3/4"	—	EG	100	200	0.90
SCH20	1	1-1/4"	1"	—	EG	100	200	0.90
SCH6B	2	3/8" MC/AC	—	.10" – .63"	EG	100	200	0.90
SCH8B	2	1/2"	—	.34" – .71"	EG	100	200	0.90
SCH12B*	2	3/4"	1/2"	.57" – .92"	EG	100	200	0.90
SCH16B*	2	1"	3/4"	.72" – 1.16"	EG	100	200	0.90
SCH20B*	2	1-1/4"	1"	1.00" – 1.51"	EG	100	200	0.90
SCH24B*	2	1-1/2"	1-1/4"	1.25" – 1.74"	EG	50	350	1.56
SCH32B*	2	2"	1-1/2"	1.74" – 2.20"	EG	50	350	1.56
SCH40B*	3	—	2"	2.00" – 2.38"	EG	25	350	1.56
SCH48B*	3	2-1/2"	2-1/2"	2.38" – 2.88"	EG	25	350	1.56
SCH56B*	3	3"	3"	2.72" – 3.50"	EG	25	350	1.56
SCH64B*	3	3-1/2"	3 1/2"	3.25" – 4.00"	EG	10	350	1.56
SCH72B*	3	4"	4"	3.85" – 4.50"	EG	10	350	1.56

*With boot

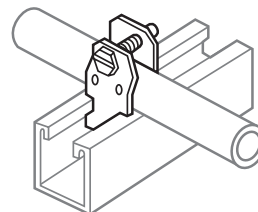
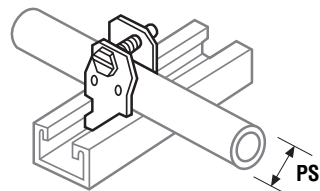
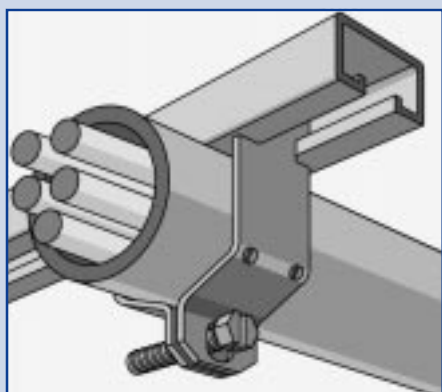
For SCH8 through 20 with boot add suffix "B" to part number (ex: **SCH8B**).

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



SK STRUT CLAMP

For attachment of cable, conduit and pipe to strut and cable tray.



FEATURES

- One piece construction.
- Retained bolt and built-in nut eliminates dropping of loose parts.
- One size fits EMT and rigid.
- Installs with screwdriver, standard wrench or nut driver.
- Break in half and install.
- Available in galvanized, aluminum and stainless steel.

INSTALLATION TOOLS



Part Number				Part Number				PS	
Mild Steel*	Stainless Steel•	Lbs.	kN	Aluminum†	Aluminum‡	Lbs.	kN		
SK85I	SK8SS	200	0.90	SK8ALA	SK8AL	150	0.70	1/2"	100
SK125I	SK12SS	200	0.90	SK12ALA	SK12AL	150	0.70	3/4"	100
SK165I	SK16SS	200	0.90	SK16ALA	SK16AL	150	0.70	1"	100
SK205I	SK20SS	200	0.90	SK20ALA	SK20AL	150	0.70	1-1/4"	100
SK245I	SK24SS	200	0.90	SK24ALA	SK24AL	150	0.70	1-1/2"	50
SK325I	SK32SS	200	0.90	SK32ALA	SK32AL	150	0.70	2"	50
SK405I	SK40SS	350	1.56	SK40ALA	SK40AL	200	0.90	2-1/2"	50
SK485I	SK48SS	350	1.56	SK48ALA	SK48AL	200	0.90	3"	50
SK565I	SK56SS	350	1.56	SK56ALA	SK56AL	200	0.90	3-1/2"	25
SK645I	SK64SS	350	1.56	SK64ALA	SK64AL	200	0.90	4"	25

* Mild Steel (Electrogalvanized)

† Aluminum Bolt and Nut

‡ Mild Steel Electro Plate Bolt and Nut

• Stainless Steel Bolt



MFA STRUT CLIPS

For attachment of components and threaded rod to strut.

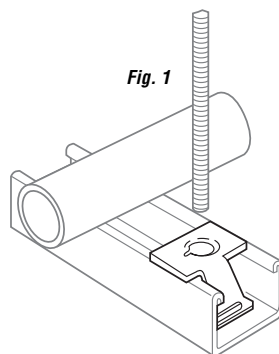
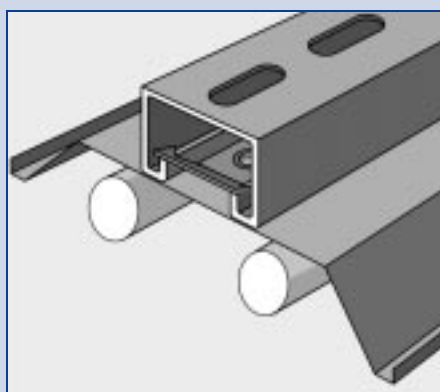
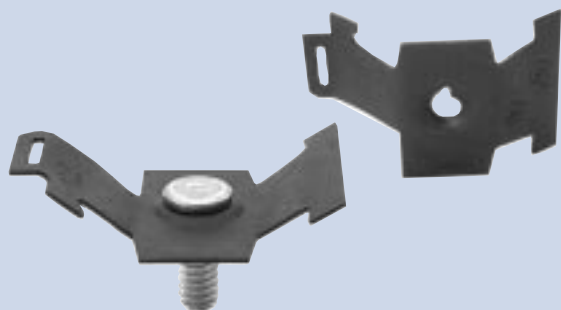


Fig. 1

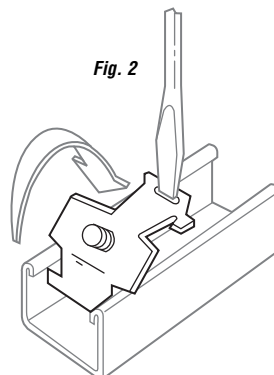
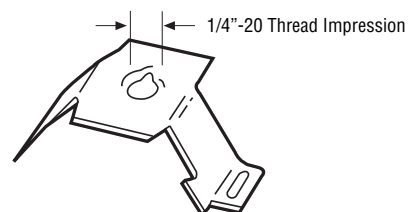
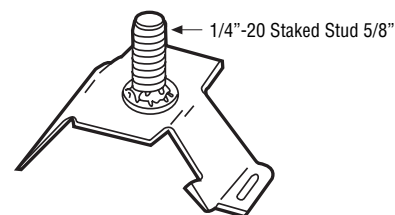




Fig. 2



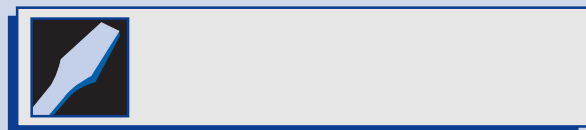
FEATURES

- Fits most 1-5/8" strut.
- Available with a 1/4"-20 thread impression.
- Available with a 1/4"-20 staked stud 5/8".
- Requires only a screwdriver to install, adjust or remove.
- Eliminates nuts and bolts.
- The CADDY combination washer-wing nut (Cat. No. 4WN) can be used to attach box or fixture. (Not included with strut clip.)

Part Number	Fig. No.	Coating			
				Lbs.	kN
MFA4I	1	ZP	100	45	0.20
MFA625	2	ZP	100	45	0.20

NOTE: Loading shown for vertical load with strut in horizontal position.

INSTALLATION TOOLS

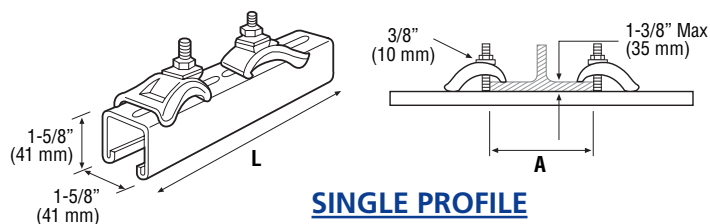
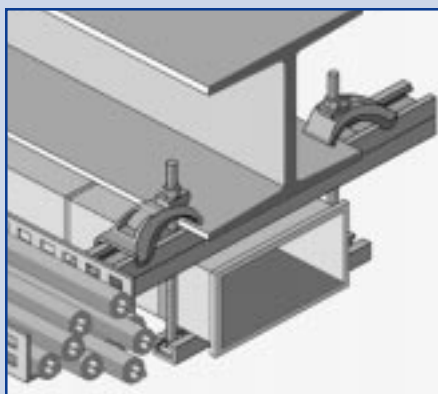
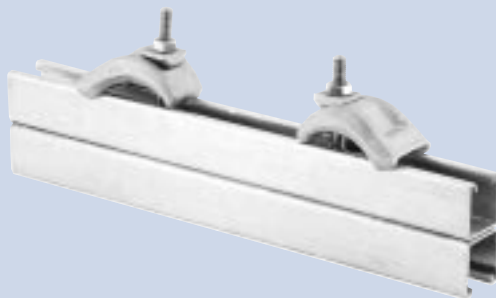


A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



6000 CLAMPING SYSTEM

For attaching or suspending heavy services such as cable tray, ventilation ductwork, trunking, pipes, etc. with maximum reliability onto steel beams.

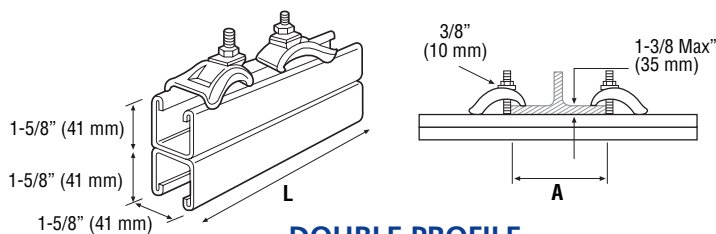


SINGLE PROFILE

1-5/8" x 1-5/8" • 12 Gauge • Slotted
Hot Dipped Galvanized • comes with two clamp set assemblies

Part Number	L		A Max		Coating	
	IN	mm	IN	mm		
6A12SL20HD	20"	500	14-1/2"	370	HDG	1
6A12SL28HD	28"	700	22-1/2"	570	HDG	1
6A12SL36HD	36"	800	30-1/2"	775	HDG	1

NOTE: Assembled to fit min. 4-1/2" (115 mm) and max. 10-1/4" (260 mm)



DOUBLE PROFILE

1-5/8" x 1-5/8" • 12 Gauge • Back to Back
Hot Dipped Galvanized • comes with two clamp set assemblies

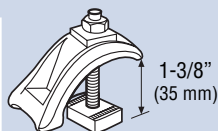
Part Number	L		A Max		Coating	
	IN	mm	IN	mm		
6A12A12HD	12"	300	6-1/2"	165	HDG	1
6A12A16HD	16"	400	10-1/2"	265	HDG	1
6A12A20HD	20"	500	14-1/2"	370	HDG	1
6A12A24HD	24"	600	18-1/2"	470	HDG	1
6A12A32HD	32"	800	26-1/2"	675	HDG	1

FEATURES

- Comes assembled in single profile 1-5/8" x 1-5/8" (41 x 41 mm) or double profile back to back 1-5/8" x 1-5/8" (41 x 41 mm) 12 gauge.
- For beam flanges up to 1-3/8" (35 mm) thick.
- Hot dipped galvanized or stainless steel (AISI 304).
- Clamp sets available separately.

CLAMP 6000 (component)

Part Number	Coating	
6120T6HD	HDG	20
6120T6SS	SS	20



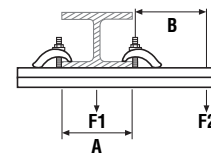
NOTE: Packed each or 10 pair per box.

INSTALLATION TOOLS



LOAD RATING

With a 4:1 safety factor
F1 is load rating at center of beam
F2 is load rating as stated (B) from the edge of beam



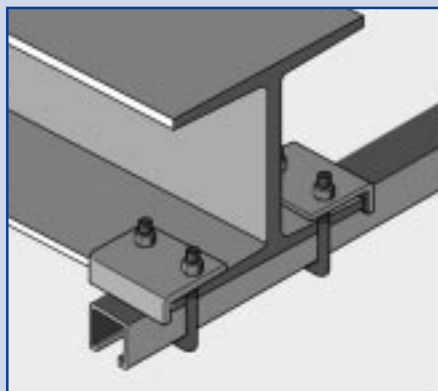
	A		F1		B		F2	
	IN	mm	Lbs.	kN	IN	mm	Lbs.	kN
Single								
12"	300	660	3.0	12"	300	80	0.37	
16"	400	500	2.2	16"	400	60	0.27	
20"	500	400	1.8	20"	500	50	0.25	
24"	600	330	1.5	24"	600	40	0.17	
Double								
12"	300	2000	9.3	12"	300	250	1.10	
16"	400	1540	6.9	16"	400	190	1.90	
20"	500	1210	5.4	20"	500	150	0.70	
24"	600	990	4.4	24"	600	125	0.60	

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



BEAM CLAMPS FOR STRUT

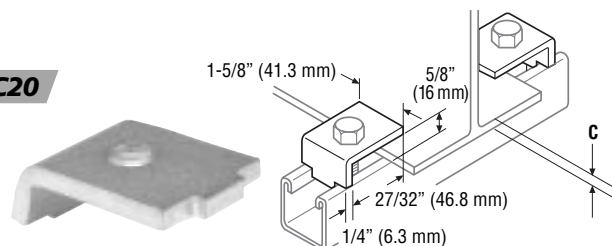
For direct attachment of strut to steel structural members



INSTALLATION TOOLS

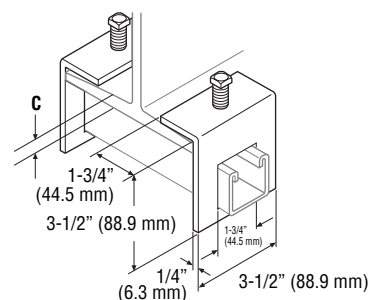


BC20



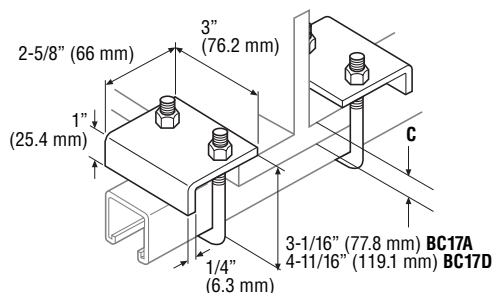
Part Number	C Max		Coating		Lbs. *	
	IN	mm				kN
BC200000EG	1/2"	13	EG	50	460	2.05

BC16



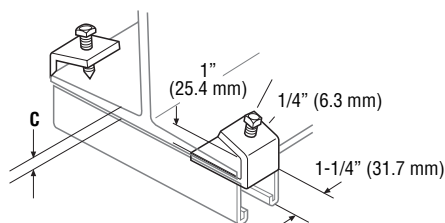
Part Number	C Max		Coating		Lbs. *	
	IN	mm				kN
BC16A000EG	7/8"	22	EG	20	740	3.29

BC17



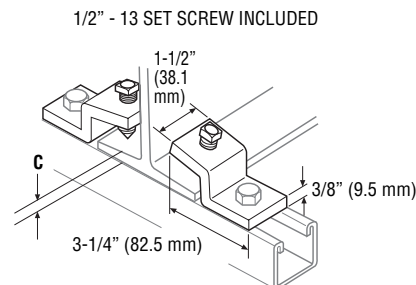
Part Number	C Max		Coating		Lbs. *	
	IN	mm				kN
BC17A000EG	3/4"	20	EG	25	1200	5.34
BC17D000EG	3/4"	20	EG	25	1200	5.34
BC17PL00EG	Plate Only					

BC18



Part Number	M	C Max		Coating		Lbs. *	
		IN	mm				kN
BC180037EG	3/8" - 16	1"	25	EG	25	660	2.94
BC180050EG	1/2" - 13	1"	25	EG	25	660	2.94

BC21



Part Number	C Max		Coating		Lbs. *	
	IN	mm				kN
BC210000EG	1"	25	EG	25	460	2.05

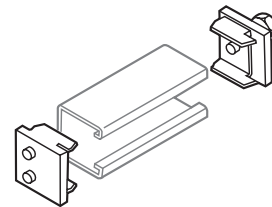
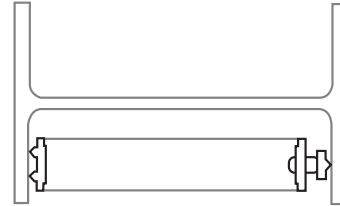
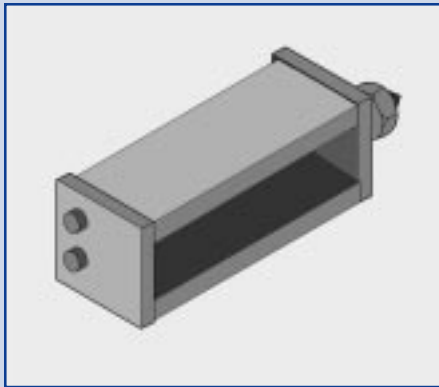
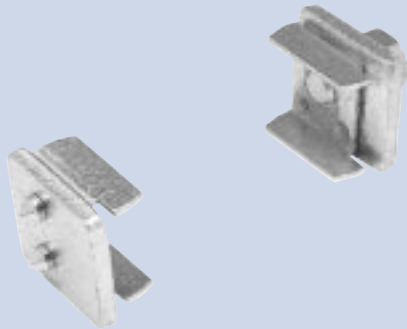
* WHEN USED IN PAIRS


A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



BC23 BEAM SPREADER

For attachment of strut to secure components, pipe or conduit to the inside of wide flange columns or beams.



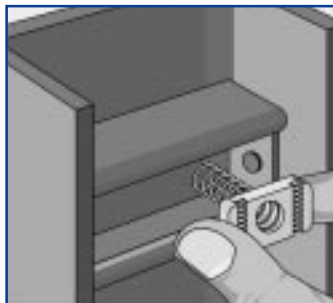
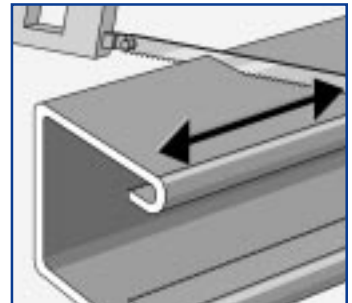
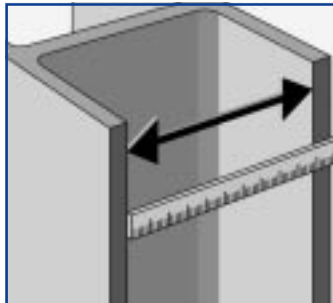
Part Number	Description	Coating	
BC23A000EG	Fits all 1-5/8\"/>	EG	25

Packed in pairs.

FEATURES

- Easy to install, as both parts clip to strut during installation.
- Quick to install as tightening of only one bolt is required.
- Electrogalvanized finish.

INSTALLATION TOOLS



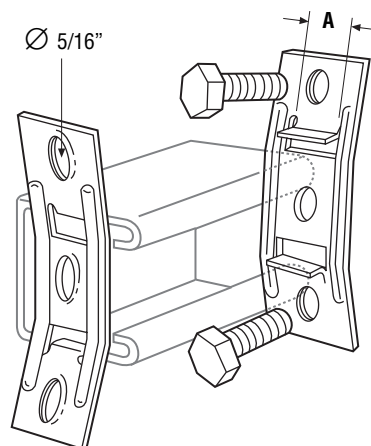
STRUT

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



INC8T5 BEAM SPREADER

For attachment of strut to secure components, pipe or conduit to the inside of wide flange columns or beams.

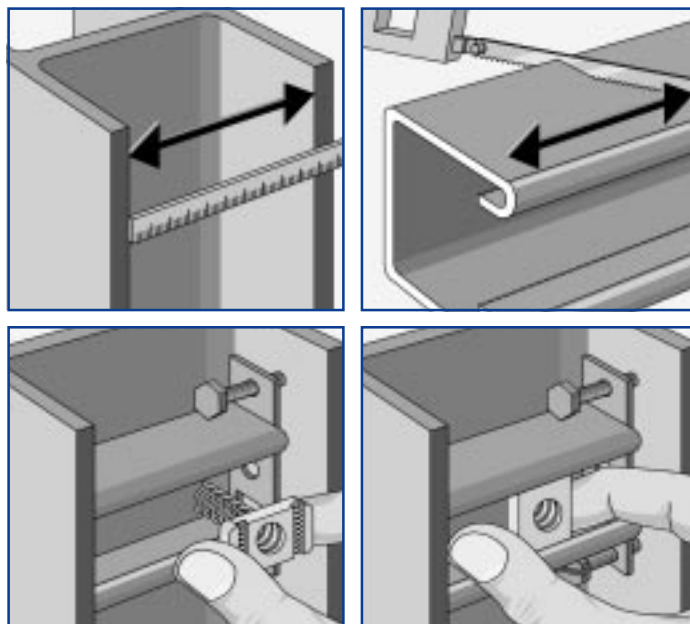


FEATURES

- The kit contains two preformed mounting plates and two hex head cup point hardened 5/16" x 1" bolts.
- Mechanical zinc finish.
- Bolts electrogalvanized zinc finish.
- Aligns to strut for easy installation.
- Used in combination with 1-5/8" x 1-5/8" (41 x 41 mm) and 1-5/8" x 13/16" (41 x 21 mm) strut profiles.

Part Number	A Max		Coating	Box	Lbs. *		kN
	IN	mm					
INC8T5	1/2"	13	EPZ	100	100		0.45

*When used in pairs.



INSTALLATION TOOLS



A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



ACCESSORIES



STRUT NUTS

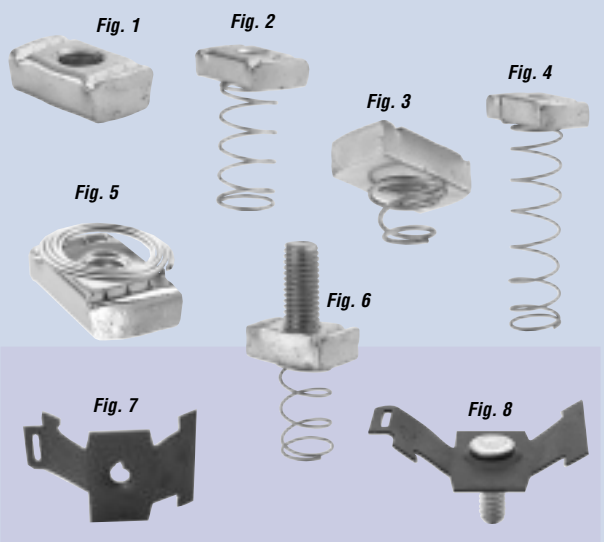

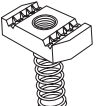

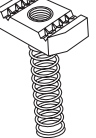



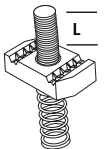
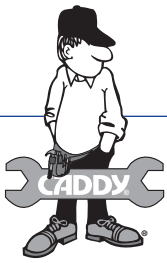


	Fig. No.	Description	1/4	5/16	3/8	1/2	5/8	3/4
	1	Fits all strut 1-5/8" (41 mm) wide	NUT0025EG	NUT0031EG	NUT0037EG	NUT0050EG	NUT0062EG	NUT0075EG
	2	Fits 1-5/8" x 1-5/8" (41 mm x 41 mm) Fits 1-5/8" x 1-3/8" (41 mm x 35 mm)	SO	SPRA0037EG	SPRA0050EG	SO	SO	N/A
	3	Fits 1-5/8" x 1-13/16" (41 mm x 21 mm)	SPRC0025EG	SO	SPRC0037EG	SPRC0050EG	SO	SO
	4	Fits 1-5/8" x 2-7/16" (41 mm x 62 mm) Fits 1-5/8" x 3-1/4" (41 mm x 83 mm)	SPRD0025EG	SO	SPRD0037EG	SPRD0050EG	SO	SO
	5	Fits all strut 1-5/8" (41 mm) wide	TSNT0025EG	SO	TSNT0037EG	TSNT0050EG	SO	SO
	7	Fits all strut 1-5/8" (41 mm) wide	MFA4I	N/A	N/A	N/A	N/A	N/A
Length (L)			1/4		3/8		1/2	
	8	5/8" (16 mm)	MFA625		NA		NA	
	6	7/8" (22 mm) 1-1/8" (28 mm) 1-3/8" (35 mm)	SPRM2508EG SPRM2511EG SO		SO SPRM3711EG SO		SO SPRM5011EG SPRM5013EG	

SO = Special Order

A = Flange Width C = Flange Size Ø = Diameter H = Fastener Height M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size



TECHNICAL



Reference

RIGID STEEL CONDUIT (Heavy Wall Conduit)

Nominal Conduit Size	Outside Diameter	Nominal Inside Diameter	Minimum Wt. Per 100 Ft. With Couplings Attached	Weight Of Conduit & Conductors Per 100 Ft.
3/8"	0.675 in.	0.493 in.	51.5 lbs.	65.1 lbs.
1/2"	0.840 in.	0.632 in.	79.0 lbs.	101.1 lbs.
3/4"	1.050 in.	0.836 in.	105.0 lbs.	145.8 lbs.
1"	1.315 in.	1.063 in.	153.0 lbs.	219.3 lbs.
1 1/4"	1.660 in.	1.394 in.	201.0 lbs.	318.3 lbs.
1 1/2"	1.900 in.	1.624 in.	249.0 lbs.	408.8 lbs.
2"	2.375 in.	2.083 in.	332.0 lbs.	593.8 lbs.
2 1/2"	2.875 in.	2.489 in.	527.0 lbs.	901.0 lbs.
3"	3.500 in.	3.090 in.	682.6 lbs.	1259.0 lbs.
3 1/2"	4.000 in.	3.570 in.	831.0 lbs.	1604.0 lbs.
4"	4.500 in.	4.050 in.	972.3 lbs.	1967.0 lbs.

INTERMEDIATE METAL CONDUIT (MC/AC)

1/2"	0.815 in.	0.745 in.	60.0 lbs.	82.1 lbs.
3/4"	1.029 in.	0.954 in.	82.0 lbs.	122.8 lbs.
1"	1.290 in.	1.205 in.	116.0 lbs.	182.3 lbs.
1 1/4"	1.638 in.	1.553 in.	150.0 lbs.	267.3 lbs.
1 1/2"	1.883 in.	1.793 in.	182.0 lbs.	341.8 lbs.
2"	2.360 in.	2.266 in.	242.0 lbs.	503.8 lbs.
2 1/2"	2.857 in.	2.727 in.	401.0 lbs.	775.0 lbs.
3"	3.476 in.	3.346 in.	493.0 lbs.	1069.0 lbs.
3 1/2"	3.971 in.	3.841 in.	573.0 lbs.	1346.0 lbs.
4"	4.466 in.	4.336 in.	638.0 lbs.	1632.0 lbs.

ELECTRICAL METALLIC TUBING (EMT) – THIN WALL CONDUIT

3/8"	0.577 in.	0.493 in.	23.0 lbs.	36.6 lbs.
1/2"	0.706 in.	0.622 in.	28.5 lbs.	50.6 lbs.
3/4"	0.922 in.	0.824 in.	43.5 lbs.	84.3 lbs.
1"	1.163 in.	1.049 in.	64.0 lbs.	130.3 lbs.
1 1/4"	1.510 in.	1.380 in.	95.0 lbs.	212.3 lbs.
1 1/2"	1.740 in.	1.610 in.	110.0 lbs.	269.8 lbs.
2"	2.197 in.	2.067 in.	140.0 lbs.	401.8 lbs.
2 1/2"	2.875 in.	2.731 in.	205.0 lbs.	579.0 lbs.
3"	3.500 in.	3.356 in.	250.0 lbs.	826.3 lbs.
3 1/2"	4.000 in.	3.834 in.	325.0 lbs.	1098.0 lbs.
4"	4.500 in.	4.334 in.	370.0 lbs.	1364.0 lbs.

Dimensions taken from ANSI C80.3-1977.

Conduit plus weight of heaviest conductor combination as specified by the National Electrical Code.

RIGID ALUMINUM CONDUIT

Nominal Conduit Size	Outside Diameter	Nominal Inside Diameter	Minimum Wt. Per 100 Ft. With Couplings Attached	Weight Of Conduit & Conductors Per 100 Ft.
1/2"	0.840 in.	0.632 in.	27.4 lbs.	49.5 lbs.
3/4"	1.050 in.	0.836 in.	36.4 lbs.	77.2 lbs.
1"	1.315 in.	1.063 in.	53.0 lbs.	119.3 lbs.
1 1/4"	1.660 in.	1.394 in.	69.6 lbs.	186.9 lbs.
1 1/2"	1.900 in.	1.624 in.	82.2 lbs.	242.0 lbs.
2"	2.375 in.	2.083 in.	115.7 lbs.	377.5 lbs.
2 1/2"	2.875 in.	2.489 in.	182.5 lbs.	556.5 lbs.
3"	3.500 in.	3.090 in.	238.9 lbs.	815.2 lbs.
3 1/2"	4.000 in.	3.570 in.	287.7 lbs.	1061.0 lbs.
4"	4.500 in.	4.050 in.	340.0 lbs.	1334.0 lbs.
5"	5.563 in.	5.073 in.	465.4 lbs.	2028.0 lbs.
6"	6.625 in.	6.093 in.	612.5 lbs.	2870.0 lbs.

Dimensions taken from ANSI C80.5-1977.

Conduit plus weight of heaviest conductor combination as specified by the National Electrical Code.

SCHEDULE 40 PVC PLASTIC PIPE

Nominal Pipe Size	Outside Diameter	Wall Thickness	Weight Of Pipe	Weight Of Water
1/8"	.405 in.	.068 in.	.04 lbs./ft.	.02 lbs./ft.
1/4"	.540 in.	.088 in.	.07 lbs./ft.	.04 lbs./ft.
3/8"	.675 in.	.091 in.	.10 lbs./ft.	.08 lbs./ft.
1/2"	.840 in.	.109 in.	.15 lbs./ft.	.1 lbs./ft.
3/4"	1.050 in.	.113 in.	.2 lbs./ft.	.2 lbs./ft.
1"	1.315 in.	.133 in.	.3 lbs./ft.	.4 lbs./ft.
1 1/4"	1.660 in.	.140 in.	.4 lbs./ft.	.6 lbs./ft.
1 1/2"	1.900 in.	.145 in.	.5 lbs./ft.	.9 lbs./ft.
2"	2.375 in.	.154 in.	.6 lbs./ft.	1.4 lbs./ft.
2 1/2"	2.875 in.	.203 in.	1.0 lbs./ft.	2.1 lbs./ft.
3"	3.500 in.	.216 in.	1.3 lbs./ft.	3.2 lbs./ft.
3 1/2"	4.000 in.	.226 in.	1.6 lbs./ft.	4.3 lbs./ft.
4"	4.500 in.	.237 in.	1.9 lbs./ft.	5.5 lbs./ft.

ALL THREADED ROD (ATR)

Nominal Size and Thread	Root Area		Design Load (SF = 5)	
1/4" - 20"	0.027 in. ²	0.174 cm ²	240 lbs.	1.07 kN
5/16" - 18"	0.045 in. ²	0.290 cm ²	400 lbs.	1.78 kN
3/8" - 16"	0.068 in. ²	0.438 cm ²	610 lbs.	2.71 kN

Dimensions taken from ANSI B1.1-1982 Unified Inch Screw Threads.

All threads are UNCR series.

Tabulated loads are based on an allowable tensile stress of 12000 psi (82.7 MPa) reduced by 25% resulting in 9000 psi (62 MPa). From ANSI/MSS SP-58, Table 3.



Reference

MC CABLE

AWG Size	INSULATED GROUND	BARE GROUND
	Nominal Outer Diameter in Inches	Nominal Outer Diameter in Inches
14-2 Solid	.450	.430
14-3 Solid	.480	.435
14-4 Solid	.510	.485
12-2 Solid	.495	.465
12-3 Solid	.530	.500
12-4 Solid	.565	.560
10-2 Solid	.560	.520
10-3 Solid	.600	.550
10-4 Solid	.645	.615
8-2 Strd.	.710	.675
8-3 Strd.	.770	.710
8-4 Strd.	.835	.770
6-2 Strd.	.795	.755
6-3 Strd.	.865	.800
6-4 Strd.	.945	.865
4-2 Strd.	.945	.895
4-3 Strd.	1.035	.945
4-4 Strd.	1.135	1.035
2-2 Strd.	1.075	1.015
2-3 Strd.	1.180	1.075
2-4 Strd.	1.295	1.180

AC CABLE

Type Of Armored Cable	Type Of Circuit Conductor	AWG Size Of Circuit Conductors	MINIMUM EXTERNAL DIAMETER OF ARMOR IN INCHES							
			Cable with Two Circuit Conductors and No Grounding Conductor		Cable with Three Circuit Conductors and No Grounding Conductor and Cable with Two Circuit Conductors and a Grounding Conductor		Cable with Four Circuit Conductors and No Grounding Conductor and Cable with Three Circuit Conductors and a Grounding Conductor		Cable with Four Circuit Conductors and a Grounding Conductor	
			Solid	Stranded	Solid	Stranded	Solid	Stranded	Solid	Stranded
		14	0.433		0.453		0.486		0.522	
		12	0.467		0.489		0.520		0.545	
		10	0.476		0.500		0.541		0.587	
ACTMM	THHN	8	0.570	0.604	0.601	0.637	0.654	0.695	0.714	0.759
		6		0.700		0.739		0.807		0.882
		4		0.836		0.885		0.970		1.066
		2		0.956		1.014		1.115		1.228



CADDY® Fasteners

CADDY Fasteners, manufactured by ERICO® Inc., are produced from a number of different materials and coatings to accommodate different applications and environments. Among the materials included are low carbon steel, spring steel, malleable iron, aluminum and stainless steel. Protective coatings are available in five basic zinc coatings: zinc phosphate, zinc electroplate, pre-galvanized zinc, mechanical galvanized zinc and hot dipped galvanized.

MATERIALS

Spring Steel

Spring steel provides light weight fasteners with high gripping power. These fasteners are designed to support a wide range of products from or to a variety of support members. These fasteners are fabricated from high carbon, annealed, spring steel.

Malleable Iron

ANSI/ASTM A 47-77, Grade 32510, annealed.

Aluminum (AL)

Aluminum provides a high strength to weight ratio that improves ease of use for reduced installation costs, is nonmagnetic and provides good corrosion resistance in a variety of environments. The aluminum selected is designed to meet the fastener manufacturing process and the intended application to meet the loads as specified.

Aluminum products are recommended for indoor and outdoor applications. They may also be used in select corrosive environments.

Stainless Steel (SS)

AISI Type 302 or Type 304 (as noted). Type 316 is available on special request for fasteners as noted.

The above stainless steels belong to the austenitic group and provide many desirable properties including high ambient temperature resistance, corrosion resistance, stable structural properties and are nonmagnetic.

Stainless steel products are recommended for indoor and outdoor applications. They are also recommended for corrosive environments; dependent on the grade of stainless steel.

COATINGS

Zinc Electroplate, Electrogalvanized (EG)

ANSI/ASTM B633

This corrosion protective coating is applied after the fabrication of steel or malleable iron parts and uses an electrolytic plating process that deposits zinc up to 0.5 mils. A second passivation coating of chromate is then applied for additional protection.

Zinc electroplate products are recommended for indoor and mildly corrosive applications.

Zinc Phosphate (ZP)

This is the coating system generally used on ERICO CADDY spring steel fasteners. It is a two coating system, where the first coating of crystalline zinc phosphate, of over 1000 milligrams per square foot, is designed to increase the adhesion of the second coating. The second coating consists of a synthetic, organic corrosion inhibitor with a particular affinity for zinc compounds. ERICO rates this fastener finish at 30 hours. Salt spray testing is in accordance with ASTM B117-61, Federal Test Number QQM-151.

Zinc phosphate products are designed for indoor use or noncorrosive environments.

Pregalvanized Zinc (PG)

ANSI/ASTM A 525 and 526

Pregalvanized zinc is produced by continuously rolling steel coils or sheets through molten zinc at the mills. The coils or sheets are slit to size and fabricated by forming, shearing or punching to produce the finished product. During fabrication cut edges are not generally zinc coated; however, the zinc near the uncoated metal becomes a sacrificial anode to protect the bare areas.

Pregalvanized zinc products are generally recommended for indoor use on mildly corrosive environments.

Mechanical Galvanized Zinc (EPZ)

ASTM B 695 -90

Mechanical galvanized zinc is a method of depositing zinc using mechanical forces. The resulting layer of zinc is approximately 1 mil (25 microns), is passivated with clear chromate and then sealed with a transparent sealer.

Mechanical galvanized zinc products are recommended for indoor, outdoor and mildly corrosive environments.

Hot Dipped Galvanized Zinc (HDG)

ASTM A123

After a product has finished its fabrication process, it is dipped into a bath of molten zinc. The zinc completely coats all edges and surfaces. Zinc thickness is controlled by the time the part is immersed in the molten zinc bath.

Hot dipped galvanized zinc products are recommended for indoor, outdoor and mildly corrosive environments.

IMPORTANT: For more detailed information on a specific product, application or application environment, please contact ERICO Engineering.



LOAD RATING



- CADDY Fasteners load values have a safety factor of 3.0 unless noted (safety factor is ratio of ultimate load to design load).
- Applications and load ratings may change without notice. Refer to instruction sheet in box or contact factory for current load and application information.
- Spring Steel fasteners are intended for support of static loads only, i.e. electrical components at stationary loads.
- Load rating values specify maximum allowable installed loads for user applications. These values are for loads applied VERTICALLY to the normal fastener installation except as may be diagrammed otherwise. Where the load rating of the CADDY Fastener exceeds that of the structural member, the lowest rated item must set the load limit.

Recommended Bolt Torque for Setscrews (unless noted)				
Bolt Size	1/4-20"	3/8-16"	1/2-13"	5/8-11"
Ft. Lbs.	4	5	11	21
Nm	5	7	15	28

IMPORTANT: CADDY Fasteners used with wire, rod or threaded rod are designed for use with coarse round wire, hot rolled carbon steel bar, cold rolled carbon steel bar and threaded rod all meeting AISI specifications and tolerances.

QUALITY ASSURANCE

CADDY Fasteners are controlled through ISO 9000 quality standards in an ISO 9001 certified manufacturing facility. Incoming material is sampled and inspected to AISI specifications and ERICO Standards. Test fixtures and procedures for development and quality control are designed to simulate normal field applications. Fasteners are tested, on a sample basis, to ERICO Standards by certified inspectors.

Testing of specific quantities of fasteners to destruction in special statistical audits ensures a continuous high level of quality.

RESEARCH AND DEVELOPMENT

ERICO's Research and Development department is constantly working on new fasteners and, at the same time, improving the present line. Starting with six basic fasteners, the line now has several hundred basic types. Over 80% of the CADDY Fastener line is the result of ERICO development of fasteners to provide a solution for a customer's problem.

NOTE: Special applications not specified MUST be submitted to ERICO for engineering approval and load rating.

DIMENSIONS

Metric

Metric dimensions are shown in parenthesis or in the mm column of the tables.

Hole Sizing (RS and Ø)

Where the diameter is stated as a thread size the hole is threaded or a thread impression sized to fit the stated bolt or rod of that size (i.e. 1/4-20"). Where stated as a diameter alone it is unthreaded to that size (i.e. 1/4").

WARNING

CADDY Fasteners shall be used only as illustrated and recommended. Misuse or misapplication may cause failure resulting in possible property damage or bodily injury.

It is the obligation of the user to ensure CADDY Fasteners are used in accordance with appropriate Codes and System requirements. All liability for CADDY Fasteners' performance is disclaimed and the Warranty will be voided if any of the following conditions exist:

- 1) The CADDY Fastener is used beyond the published rated load limit.
NOTE: All ratings are for static conditions and do not account for Dynamic loading such as wind, water or seismic loads.
- 2) The CADDY Fastener is not properly installed such as:
 - A) The CADDY Fastener must be fully installed per instructions.
 - B) Loading must be applied VERTICALLY to the normal fastener installation except as may be diagrammed otherwise.
 - C) Fastener is deformed beyond its limit during installation.
- 3) CADDY Fastener is not properly used, such as:
 - A) Used in an inappropriate environment for the coating or material.
 - B) Used beyond its range of published size limit.
 - C) Used for an application not published by ERICO without prior Engineering approval from ERICO.
 - D) Used without complying to code regulations.



SAFETY INSTRUCTIONS / WARRANTY

SAFETY INSTRUCTIONS

All safety regulations required by the jobsite must be observed. Special attention should be given to the following instructions.

While working or on the jobsite:

- 1) Observe all Federal and Local safety regulations.
- 2) Wear a hard hat.
- 3) Wear safety glasses with side shields.
- 4) Wear gloves to avoid splinters and cuts.
- 5) When working above ground level, be sure the structure will support your weight.
- 6) Be aware of personnel working above and below.

Certain CADDY Fasteners are manufactured under the following U.S. Patent Numbers:

Re: 33,305	4,715,161	4,757,967	5,386,959	5,533,696	5,619,263
4,088,293	4,723,749	4,955,825	5,448,011	5,537,714	5,626,316
4,429,440	4,757,176	5,141,185			

Certain CADDY Fasteners are manufactured under the following Canadian Patent Numbers:

1,072,914	1,205,539	2,005,007
1,080,189	1,265,230	

WARRANTY – CLAIMS – EXCLUSIVE REMEDY

ERICO Products at the time of shipment are warranted to conform to any applicable written description furnished to Buyer by ERICO, and to be free from defects in material and workmanship. NO OTHER WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS), SHALL EXIST IN CONNECTION WITH THE SALE OR USE OF ANY ERICO PRODUCT. Claims for errors, shortages, defects or nonconformities ascertainable upon inspection must be made in writing within 15 days after Buyer's receipt of products. All other claims must be made in writing to ERICO within 6 months from the date of shipment. Products claimed nonconforming or defective must upon ERICO request promptly be returned to ERICO for inspection. Claims not made as provided above and within the applicable time period will be barred. ERICO shall in no event be responsible if the products have not been stored or used in accordance with its specifications and recommended procedure. ERICO WILL, AT ITS OPTION, EITHER REPAIR OR REPLACE NONCONFORMING OR DEFECTIVE PRODUCTS FOR WHICH IT IS RESPONSIBLE OR RETURN TO BUYER THEIR PURCHASE PRICE. THE FOREGOING STATES BUYER'S EXCLUSIVE REMEDY FOR ANY BREACH OF ERICO WARRANTY AND FOR ANY CLAIM, WHETHER SOUNDING IN CONTRACT, TORT OR NEGLIGENCE, FOR LOSS OR INJURY CAUSED BY THE SALE OR USE OF ANY PRODUCT. Without limiting the generality of the foregoing, ERICO shall in no event be responsible for any loss of business or profits, downtime or delay, labor, repair or material costs or any similar or dissimilar consequential loss or damage incurred by Buyer.

CANADA

F8075

Complete this information request card and return it so we can continue to offer you the high quality fasteners you've come to expect from CADDY®. Thank You!

PLEASE PRINT

Company _____

Name _____

Address _____

City _____ Province _____ Postal Code _____

Phone _____

This is a: ☐ Home Address ☐ Business Address

Which best describes your Business Type? (**Check Only 1**)

- | | |
|---|--|
| <input type="checkbox"/> Electrical Contractor - Non Res. | <input type="checkbox"/> Manufacturing Facility |
| <input type="checkbox"/> Voice/Data/Security Contractor | <input type="checkbox"/> Hospital/Medical Facility |
| <input type="checkbox"/> HVAC Contractor | <input type="checkbox"/> Government (including Military) |
| <input type="checkbox"/> Plumbing Contractor | <input type="checkbox"/> Inspection/Testing Facility |
| <input type="checkbox"/> Fire Protection Contractor | <input type="checkbox"/> Design Firm |
| <input type="checkbox"/> Acoustical Contractor | <input type="checkbox"/> Education |
| <input type="checkbox"/> Distributor/Supplier | <input type="checkbox"/> Other _____ |

DESCRIBE

To receive your **FREE** CADDY® Fastener samples, simply review this catalog and write the part number you wish in the spaces below.

Part Number _____

Part Number _____

Part Number _____

Do you have an application or problem installation for which you would like us to design a new CADDY Fastener? Please describe:



Use this postcard if you live in CANADA!

USA

F8075

Complete this information request card and return it so we can continue to offer you the high quality fasteners you've come to expect from CADDY®. Thank You!

PLEASE PRINT

Company _____

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____

This is a: ☐ Home Address ☐ Business Address

Which best describes your Business Type? (**Check Only 1**)

- | | |
|---|--|
| <input type="checkbox"/> Electrical Contractor - Non Res. | <input type="checkbox"/> Manufacturing Facility |
| <input type="checkbox"/> Voice/Data/Security Contractor | <input type="checkbox"/> Hospital/Medical Facility |
| <input type="checkbox"/> HVAC Contractor | <input type="checkbox"/> Government (including Military) |
| <input type="checkbox"/> Plumbing Contractor | <input type="checkbox"/> Inspection/Testing Facility |
| <input type="checkbox"/> Fire Protection Contractor | <input type="checkbox"/> Design Firm |
| <input type="checkbox"/> Acoustical Contractor | <input type="checkbox"/> Education |
| <input type="checkbox"/> Distributor/Supplier | <input type="checkbox"/> Other _____ |

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•32M24	35	BC130037EG	22	CD8B	55	SC2G	57	•VF144TI	47
32M24SM	33	BC130050EG	22	CD9B	55	SC4A	57	•VF146TI	47
•32M41	56	BC130062EG	22	•CM24S	37	SC4B	57	•VF146T	47
32M58	35	BC140037EG	21	•CM2416M	37	SC4C	57		
32M58SM	33	BC140050EG	21	•CM24812M	37	SC4D	57		

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