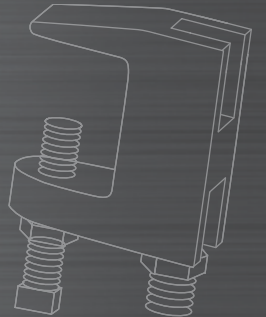
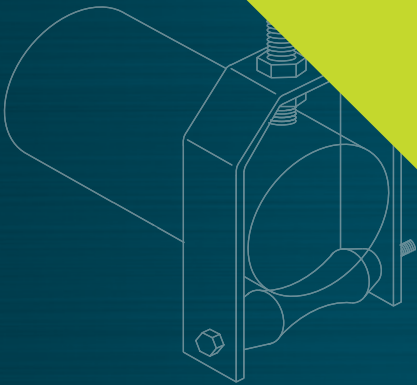




HANGERS & SUPPORTS



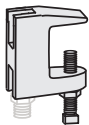


10 QUESTIONS TO ASK —

WHEN SELECTING THE RIGHT G-FORCE® HANGERS

1

BEAM CLAMPS



Malleables

- Universal ('Junior')
- Wide Throat
- Purlin
- Rod Insulator
- C-Clamp and Iron Jaw

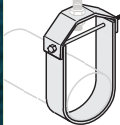
Finish (Plain, Galv., HDG, SS)

Steel clamps

- C-Clamp and C-Type
- Window
- Adjustable rod
- Adjustable flange
- Center load

2

CLEVIS HANGERS



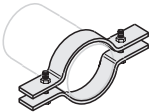
Clevis types

- Standard
- w/Insulation shield
- Extended bottom
- Light duty
- 'V' bottom

Finish (Plain, Galv., CU, HDG, SS, EPOX)

3

RISER CLAMPS



Standard duty

- Iron pipe riser
- Single bolt

Underground

- Pipe clamp washer
- 2-bolt and 4-bolt heavy duty

Finish (Plain, Galv., CU, HDG, SS, EPOX)

Heavy duty

- Riser pipe clamp
- Double bolt
- Offset
- Extended

4

SWIVEL RINGS



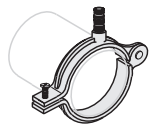
Swivel types (NFPA)

- Iron pipe swivel
- Iron pipe swivel with shield
- Conduit J-type

Finish (Plain, Galv., CU, HDG, SS, EPOX)

5

SPLIT RING HANGERS



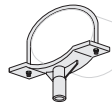
Split ring types

- Hinged
- Extension
- 2-screw
- Van

Finish (Plain, Galv., CU, HDG, SS, EPOX)

6

SHIELDS AND SADDLES

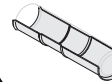


Shields

- Insulation protection
- Self-centering/ribbed
- Plastic pipe trough

Saddles

- Pipe covering protection
- Isolators
- Surge ring

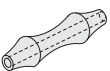


Saddle supports

- Adjustable
- Heavy duty

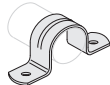
7

ROLLER SUPPORTS AND STRAPS



Pipe rollers

- Clevis roller
- Chair type
- Pipe roller stand
- Two rod type/double yoked
- Adjustable roller



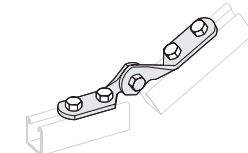
Straps

- Standard 1 and 2 hole
- CPVC
- J hook
- Short pipe

Finish (Plain, Galv., CU, HDG, SS, EPOX)

8

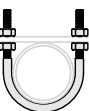
SEISMIC



- Studded channel nuts
- Rod stiffener
- Conveyor nuts
- No-turn washers
- Adjustable hinges
- Sway braces

9

U-BOLTS AND ALL-THREAD ROD



Carbon steel u-bolts

All-thread

- 6', 10', 12'
- 1/4" through 1 1/4"

Finish (Plain, Galv., CU, HDG, SS, EPOX)

10

HARDWARE, CONNECTORS AND MISC



- Ceiling flange
- Eye nuts and sockets
- Beam connectors
- Brackets
- Square plate washers
- Eye rods
- Concrete inserts



SECTIONS

- i INTRODUCTION
- 1 PICTORIAL INDEX
- 2 CLAMPS
- 3 SADDLE/SUPPORTS
- 4 SWIVEL HANGERS
- 5 CLEVIS HANGERS
- 6 PIPE & RISER CLAMPS
- 7 ROLLER SUPPORTS & STRAPS
- 8 CLEVIS HANGER ACCESSORIES
- 9 FITTINGS & ACCESSORIES
- 10 CROSS REFERENCE CHARTS

NOTES:

The background of the page features a series of horizontal lines. A diagonal gradient, transitioning from a light gray to a white, cuts across the page from the bottom-left corner towards the top-right corner.



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OUR COMMITMENT

FURNISH THE BEST QUALITY PRODUCTS



WITH THE BEST OF CUSTOMER SERVICE



AND AT THE BEST POSSIBLE PRICE

Finishes

Comprehensive list of available coatings/material types for **G-FORCE®**.



PRE-GALVANIZING:

A zinc coating is applied by hot-dipping the steel coil on Gregory's specialty continuous galvanizing line. The channel is roll-formed, cut and/or punched as specified in conformance to ASTM 1011 for hot-rolled steel and ASTM 653 for hot-dipped pre-galvanizing, with a G-90 coating (0.90 ounces of zinc per square foot of steel).



HOT-DIPPED GALVANIZED:

The material is zinc coated after fabrication providing an extra heavy total product protection on all surfaces. The channel is pretreated, pickled, and then dipped into tanks of molten zinc, creating an electrolyzed bond. HDG's thicker zinc coating provides additional corrosion resistance for highly corrosive exterior applications. **G-FORCE®/G-STRUT®** hot-dipped galvanized are in conformance with ASTM A-123 specification.



GALVANNEALED:

A zinc coating is applied by pre-galvanizing the steel coil. The coil then passes through an additional heat induction process, creating a matted gray finish with an alloy coating that enhances paintability. Galvannealed **G-STRUT®** is easily painted post-installation without costly pre-treatment or priming.



ELECTRO-GALVANIZED:

Electro-galvanized, or "zinc plated," bonds the steel and .5 mils of zinc via an electrolysis process. Electro-galvanizing is most commonly applied to standard **G-FORCE®/G-STRUT®** fittings, hangers, pipe supports and hardware.



POWDER COAT (GREEN):

(Custom colors also available) Powder coating electrostatically applies a uniform dry polyester powder to the metal surface. The applied powder is then "oven-baked" to a durable painted finish.



ALUMINUM:

G-STRUT® channel is available in extruded Aluminum Alloy suitable for a variety of applications.



PLAIN:

A plain finish is pickled, hot-rolled carbon steel with a light oil finish. There is no protection against red rust.



YELLOW ZINC (GOLD):

Also an electro-galvanized finish, the pickled, fabricated part is immersed in a yellow zinc bath and electrostatically bonds to form a protective yellow, zinc finish.



PVC COATED:

A polyvinyl chloride (PVC) plastic coating is bonded to the channel or accessory by immersing the part in fluid PVC tanks. PVC can be applied over galvanized or plain steel.



STAINLESS:

G-FORCE®/G-STRUT® stainless steel channel, fittings, hangers and pipe supports are supplied in standard 304 Grade. Grade 316 is also available, typically for more corrosive environments.



GREGORY INDUSTRIES TERMS AND CONDITIONS OF SALE

1. These terms and conditions ("TCA") shall, along with the quantities and price reflected in any material quote or order ("Quote") or ("Order"), constitute the complete understanding between Gregory Industries, Inc. ("Gregory") and Purchaser and shall supersede any and all prior terms and conditions, negotiations or other written and oral agreements. Unless specifically noted otherwise, in the event of any ambiguity between this TCA and any Order or Quote, the TCA shall govern.
2. This TCA shall be deemed accepted and agreed upon in full upon either the written acceptance of the TCA, the receipt and acceptance of any goods delivered pursuant to the TCA or the payment for any goods shipped under the TCA whichever is the first to occur.
3. Gregory hereby excludes, rejects and disavows any and all non-conforming or differing terms, conditions or qualifications contained within any Purchaser order, quote or any other form of confirmatory memorandum, regardless of when or in what order such non-conforming or differing terms were delivered or offered to Gregory.
4. Each and every term set forth herein shall be deemed material and germane to the transaction. This TCA and any Order or Quote may not be modified by Purchaser in any respect and may only be modified by a writing signed by Gregory. This TCA and any Quote or Order shall not be subject to either oral modification or modification by conduct.
5. All payments are due within 30 days of the date of invoice ("Net 30") unless an extended term is agreed upon in a writing signed by a Gregory authorized representative. All payments beyond Net 30 shall be subject to compounding interest charges of .75%/month. Gregory reserves the right to suspend all performance if payment is later than Net 30 and also reserves the right to accept late payments at its sole discretion. No acceptance of any payment later than Net 30 shall be deemed to waive any right or future rights that Gregory may otherwise have to cancel or suspend its future performance.
6. Any Quote shall expire and be deemed revoked 30 calendar days after delivery of the Quote, unless otherwise specified, if there is no act of acceptance as such is defined in paragraph 2 herein. Delivery shall be deemed made upon the transmission by Gregory, by any means, of a Quote.
7. Any Quote which is delivered to Gregory and accepted by Gregory may only be changed or altered with the express written consent of Gregory.
8. All prices quoted herein are subject to change at the sole discretion of Gregory based upon the prevailing steel and related supplies markets. Gregory shall provide purchaser three (3) business days' written notice of any such price change.
9. This agreement shall be deemed made in Stark County, Ohio and any dispute herein shall be governed by the laws of the state of Ohio and the venue for any action or proceeding arising in any respect between Gregory and Purchaser shall be in either the state or federal court situated in Stark County, Ohio. Should any portion of this paragraph be deemed unenforceable then only such portion deemed unenforceable shall be struck.
10. In the event that Gregory has to employ attorneys to either enforce its rights, defend its rights or to seek payment or any other remedy available at law or equity, then Purchaser agrees to pay for all attorneys' fees and costs expended by Gregory in any such action regardless of the outcome.
11. This TCA and the underlying materials quote shall be subject to termination at the convenience of Gregory without any further obligation whatsoever on the part of Gregory.
12. In the event of any breach or allegation of breach on the part of Gregory, the only damages for which Gregory may be held responsible shall be the cost of any cover (as defined by the Uniform Commercial Code) for a period of thirty (30) calendar days from the alleged date of breach. Gregory hereby disclaims and Purchaser hereby waives any and all other damages whether arising under contract, tort or statute including but not limited to damages arising from alleged delay, non-delivery, lost profits, lost commercial expectancy, reputation or any other type or theory of damages.
13. Gregory reserves the right, at any point in time to request information concerning bonding, information related to mechanics' lien rights, or information related to the financial strength of Purchaser. Such information, if requested by Gregory, shall be provided by Purchaser within three (3) business days of any request. Failure to provide such information shall constitute a material breach.
14. Upon any act of breach, Gregory shall have the right to repossess product delivered, sue for all amounts due including attorneys fees as provided herein, suspend any further performance and or cancel any and all existing agreements without any further obligation by Gregory.
15. Gregory agrees to deliver the agreed product within the time specified in the Quote or Order or as soon as is commercially reasonable. Unless otherwise specifically noted, all deliveries are F.O.B. at Gregory loading docks. If shipped freight prepaid, the charge for freight will be added to the invoice. Risk of loss or damage shall be borne by Purchaser and claims made directly with carrier.
16. Gregory hereby disclaims any implied or express warranty or merchantability or fitness for an intended or any particular purpose. Gregory represents that the product shall reasonably conform to applicable federal and state specifications and Gregory will provide necessary material test reports representing such.
17. Any and all claims for damaged, defective, nonconforming material or claims of shortages shall be made in writing to Gregory within 24 hours of delivery to Purchaser or such claims are deemed to be affirmatively waived.
18. Should any term or condition set forth herein be deemed by a court of competent jurisdiction to be unenforceable, then all other terms shall survive such ruling and shall be deemed to govern the parties' relationship.

G-FORCE® Hanger Part Numbering System

Ordering and understanding product codes

	SERIES NUMBER	FINISH	INCHES	1/8" INCREMENTS
W	227	1	0	3

EXAMPLE

W227103 or Centered Load Beam Clamp, Plain 3/8" rod size

W227103

Centered Load Beam Clamp Plain 3/8"

AVAILABLE FINISH CODES

- | | |
|---------------------------|-------------------------------------|
| 0 Stainless steel (316) | 8 Stainless steel (304) |
| 1 Plain Steel | 9 Hot-dipped galvanized |
| 2 Electro-galvanized | 10 Copper finish with PVC coating |
| 3 Copper | 11 Prime painted |
| 4 Pre-galvanized | 12 Pre-galvanized with felt |
| 5 PVC coated | 13 Plain with felt |
| 6 Yellow zinc (gold) | 14 Electro-galvanized with felt |
| 7 Fiberglass | 15 Electro-galvanized with PVC |

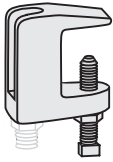
SECTION 1



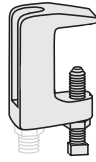
G-FORCE® PICTORIAL INDEX

QUICK VISUAL REFERENCE GUIDE

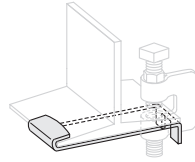
Identify your desired part and catalog reference page number.

**SERIES G414****UNIVERSAL
BEAM CLAMP**

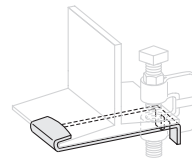
MALLEABLE
PAGE 22

**SERIES G413****WIDE THROAT
BEAM CLAMP**

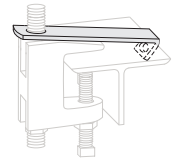
MALLEABLE
PAGE 23

**SERIES W115****RETAINING
STRAP**

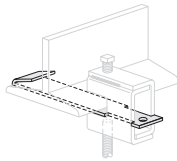
PAGE 32

**SERIES W116****RETAINING
STRAP**

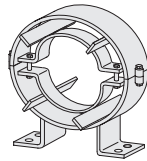
PAGE 33

**SERIES W117****RETAINING
STRAP**

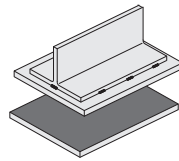
PAGE 34

**SERIES W118****RETAINING
STRAP**

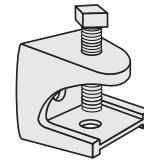
PAGE 35

**SERIES W120****PIPE
ALIGNMENT GUIDE**

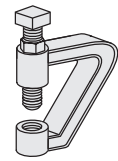
PAGE 26 & 27

**SERIES W121 - W127****PIPE
SLIDE ASSEMBLY**

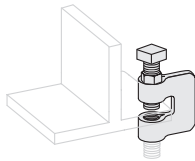
PAGE 28 & 29

**SERIES W130****ROD or
INSULATOR**

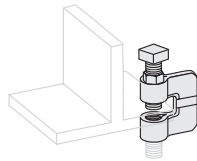
PAGE 25

**SERIES W140****PURLIN
CLAMP**

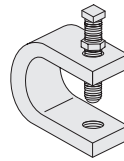
PAGE 24

**SERIES W200 & W201****STEEL
C-CLAMP**

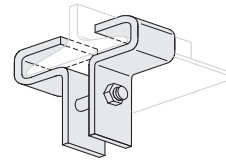
PAGE 36

**SERIES W210 - W211****MALLEABLE
C-CLAMP**

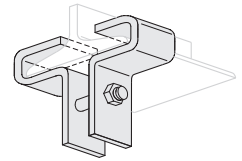
PAGE 37

**SERIES W215 - W217****SUPER STEEL
C-CLAMP**

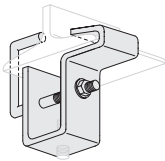
PAGE 38

**SERIES W220****CENTER LOAD
BEAM CLAMP**

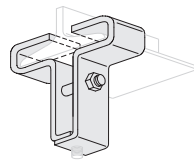
STANDARD DUTY
PAGE 42 & 43

**SERIES W225****CENTER LOAD
BEAM CLAMP**

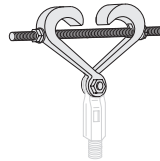
HEAVY DUTY
PAGE 44 & 45

**SERIES W226****ADJUSTABLE STEEL
BEAM CLAMP**

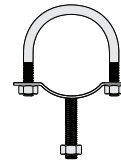
PAGE 39

**SERIES W227****STEEL CENTER LOAD
BEAM CLAMP**

PAGE 41

**SERIES W230****MALLEABLE
BEAM CLAMP**

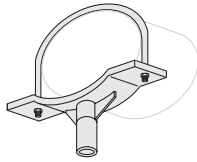
PAGE 40

**SERIES W240****PIPE SADDLE
SUPPORT**

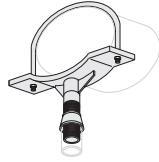
PAGE 48

**SERIES W245****PIPE SADDLE
SUPPORT**

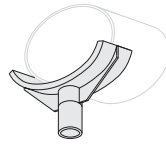
WITH STUD
PAGE 49



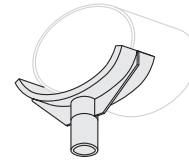
SERIES W250
HEAVY DUTY PIPE
SADDLE SUPPORT
 WITH U-BOLT
 PAGE 50



SERIES W255
ADJUSTABLE PIPE
SADDLE SUPPORT
 WITH U-BOLT
 PAGE 51



SERIES W260
HEAVY DUTY PIPE
SADDLE SUPPORT
 PAGE 52



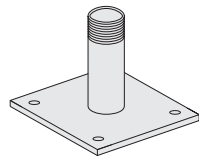
SERIES W261
HEAVY DUTY PIPE
SADDLE SUPPORT
 PAGE 53



SERIES W265
ADJUSTABLE PIPE
SADDLE SUPPORT
 PAGE 54



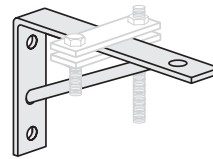
SERIES W270
PIPE SADDLE
SUPPORT
 WITH COUPLING
 PAGE 55



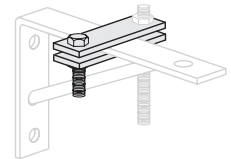
SERIES W275
THREADED
BASE STAND
 PAGE 56



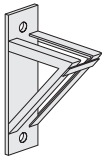
SERIES W276
PIPE SUPPORT
ADJUSTER
 PAGE 57



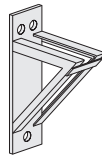
SERIES W280
LIGHT DUTY
WALL BRACKET
 PAGE 58



SERIES W281
WALL
BRACKET CLIP
 PAGE 59



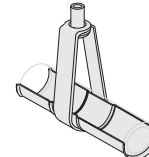
SERIES W290
MEDIUM DUTY
WALL BRACKET
 PAGE 60



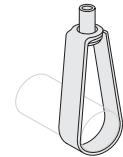
SERIES W291
HEAVY DUTY
WALL BRACKET
 PAGE 61



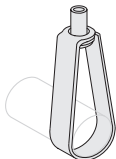
SERIES W300 & W302
IRON PIPE
SWIVEL RING
 PAGE 64 & 65



SERIES W303
IRON PIPE SWIVEL
RING HANGER
 WITH SECURED
 INSULATION SHIELD
 PAGE 66 & 67



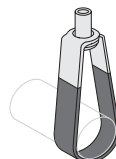
SERIES W305 - W307
IRON PIPE
SWIVEL RING
 PAGE 68 & 69



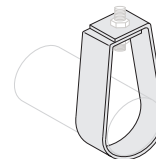
SERIES W310
COPPER TUBING
SWIVEL RING
 PAGE 70 & 71



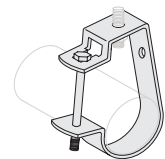
SERIES W320
IRON PIPE
SWIVEL RING
 PVC COATED
 PAGE 72



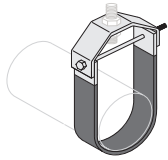
SERIES W325
COPPER TUBING
SWIVEL RING
 PVC COATED
 PAGE 73



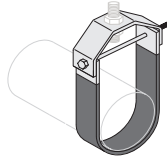
SERIES W330
STAINLESS STEEL
BAND HANGER
 PAGE 74



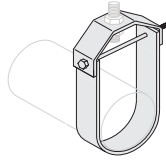
SERIES W340
CONDUIT J-TYPE
HANGER
 PAGE 75



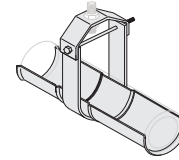
SERIES W400
STANDARD CLEVIS HANGER
 PVC COATED
 PAGE 78 & 79



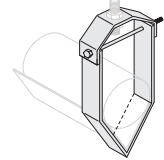
SERIES W405
COPPER CLEVIS HANGER
 PVC COATED
 PAGE 80



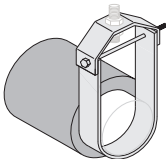
SERIES W410
STANDARD DUTY CLEVIS HANGER
 PAGE 81



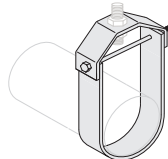
SERIES W412
CLEVIS HANGER
 WITH SECURED
 INSULATION SHIELD
 PAGE 82 & 83



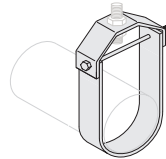
SERIES W413
PLASTIC PIPE CLEVIS HANGER
 PAGE 84



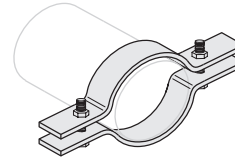
SERIES W415
STANDARD CLEVIS HANGER
 EXTENDED BOTTOM
 PAGE 85



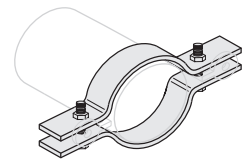
SERIES W420
LIGHT DUTY CLEVIS HANGER
 PAGE 86



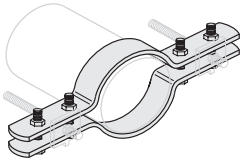
SERIES W430
COPPER CLEVIS HANGER
 PAGE 87



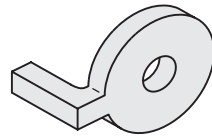
SERIES W500
IRON PIPE RISER CLAMP
 PAGE 94



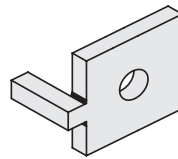
SERIES W501
TWO BOLT UNDERGROUND PIPE CLAMP
 PAGE 90



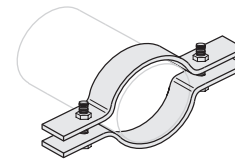
SERIES W502
FOUR BOLT UNDERGROUND PIPE CLAMP
 PAGE 91



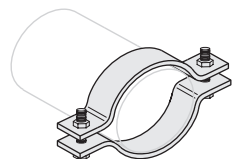
SERIES W503
UNDERGROUND CLAMP WASHER
 PAGE 92



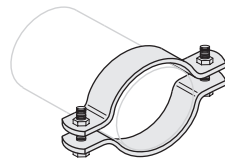
SERIES W504
UNDERGROUND CLAMP WASHER
 PAGE 93



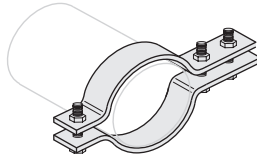
SERIES W505
COPPER TUBING RISER CLAMP
 PAGE 95



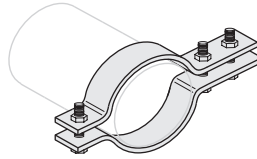
SERIES W510
SINGLE BOLT PIPE CLAMP
 PAGE 96



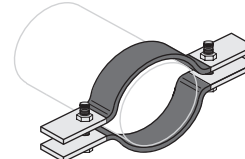
SERIES W511
HEAVY DUTY PIPE CLAMP
 PAGE 98



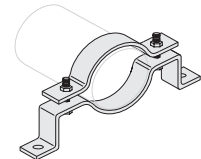
SERIES W520
DOUBLE BOLT PIPE CLAMP
 PAGE 99



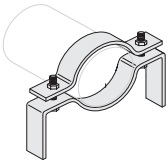
SERIES W521
DOUBLE BOLT PIPE CLAMP
 PAGE 100



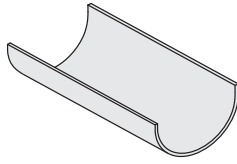
SERIES W530
IRON PIPE RISER CLAMP
 PVC COATED
 PAGE 97



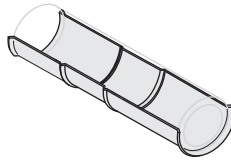
SERIES W540
OFFSET PIPE CLAMP
 PAGE 101

**SERIES W550****EXTENDED
PIPE CLAMP**

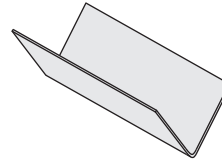
PAGE 102

**SERIES W560****INSULATION
PROTECTION SHIELD**

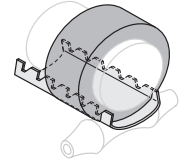
PAGE 103

**SERIES W561****SELF CENTERING
INSULATION SHIELD**

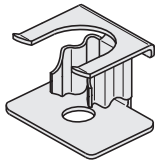
PAGE 104 & 105

**SERIES W562****PLASTIC PIPE
SUPPORT TROUGH**

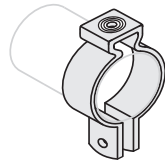
PAGE 106

**SERIES W570****PIPE COVERING
PROTECTION SADDLE**

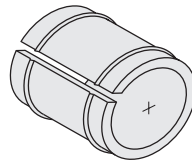
PAGE 107-109

**SERIES W580****SURGE
RESTRAINT**

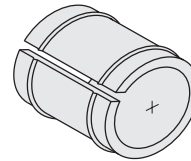
PAGE 112

**SERIES W581****SURGE
RING HANGER**

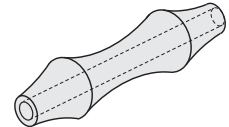
PAGE 113

**SERIES W585****I.S.P. FELT
ISOLATOR**

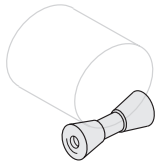
PAGE 110

**SERIES W586****COPPER TUBING
FELT ISOLATOR**

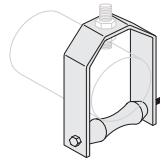
PAGE 111

**SERIES W600****CAST IRON
PIPE ROLLER**

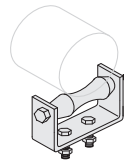
PAGE 116

**SERIES W601****SHORT
PIPE ROLLER**

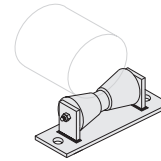
PAGE 117

**SERIES W610****ADJUSTABLE
ROLLER HANGER**

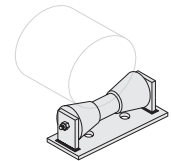
PAGE 118

**SERIES W620****CHAIR TYPE
ROLLER SUPPORT**

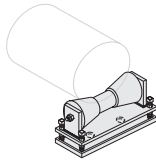
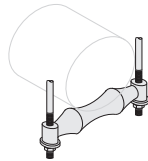
PAGE 119

**SERIES W621****PIPE ROLLER
STAND**

PAGE 120

**SERIES W622****PIPE ROLLER
STAND**

PAGE 121

**SERIES W623****ADJUSTABLE PIPE
ROLLER STAND**WITH BASE
PAGE 122**SERIES W630****TWO ROD TYPE
ROLLER STAND**

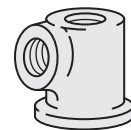
PAGE 123

**SERIES W640****ADJUSTABLE TYPE
ROLLER SUPPORT**

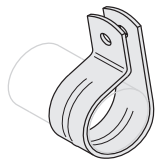
PAGE 124

**SERIES W641****ADJUSTABLE PIPE
ROLLER SUPPORT**

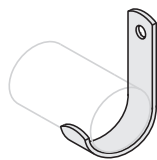
PAGE 125

**SERIES W642****ROLLER
SOCKET**

PAGE 126



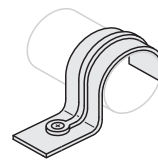
SERIES W650
CPVC ONE-HOLE WRAP
AROUND STRAP
 PAGE 127



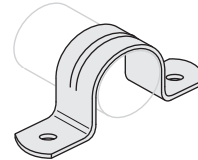
SERIES W651
RETURN LINE
STRAIGHT J-HOOK
 PAGE 130



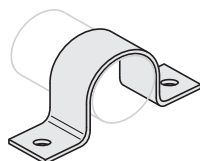
SERIES W652
RETURN LINE
OFFSET J-HOOK
 PAGE 131



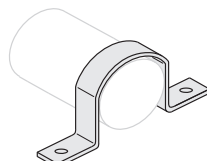
SERIES W655
ONE-HOLE
CLIP
 PAGE 132



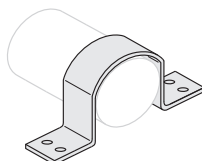
SERIES W660
TWO-HOLE
CPVC STRAP
 PAGE 128



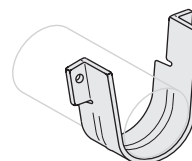
SERIES G1108000
TWO-HOLE
PIPE STRAP
 PAGE 133



SERIES W670
SHORT
PIPE STRAP
 PAGE 134



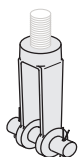
SERIES W671
SHORT
PIPE STRAP
 PAGE 135



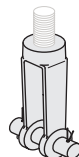
SERIES W680
CPVC TWO-HOLE 90°
SIDE MOUNT STRAP
 PAGE 129



SERIES W700
FORGED
STEEL CLEVIS
 PAGE 138



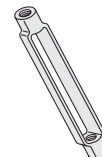
SERIES W701
FORGED
STEEL CLEVIS
 RIGHT HAND THREAD
 PAGE 139



SERIES W702
FORGED
STEEL CLEVIS
 LEFT HAND THREAD
 PAGE 140



SERIES W705
TURNBUCKLE
ADJUSTER
 PAGE 141



SERIES W710
TURNBUCKLE
 PAGE 142



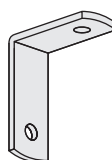
SERIES W715
FORGED STEEL
WELDLESS EYE NUT
 PAGE 143



SERIES W720
MALLEABLE
EYE SOCKET
 PAGE 144



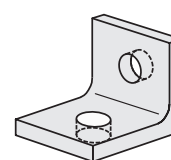
SERIES W725
SIDE BEAM
CONNECTOR
 PAGE 145



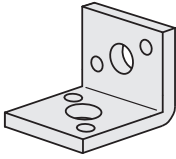
SERIES W728
REVERSIBLE ANGLE
BRACKET
 PAGE 149



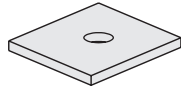
SERIES W730
EXTENSION
PIECE
 PAGE 146



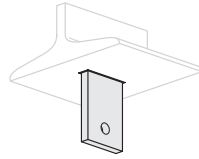
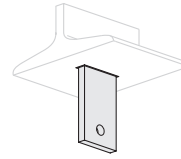
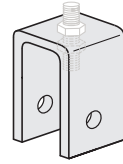
SERIES W735
STEEL SIDE
BEAM BRACKET
 PAGE 147

**SERIES W736****REVERSIBLE STEEL SIDE
ANGLE BRACKET**

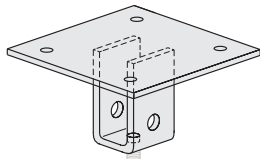
PAGE 148

**SERIES W737****SQUARE PLATE
WASHER**

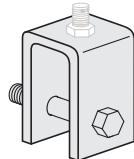
PAGE 150

**SERIES W738****WELDING LUG**SHORT
PAGE 155**SERIES W739****WELDING LUG**LONG
PAGE 156**SERIES W740****WELDING
ATTACHMENT**

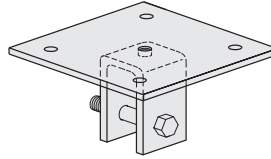
PAGE 157

**SERIES W741****CONCRETE ROD
ATTACHMENT PLATE**

PAGE 158

**SERIES W745****WELDING
ATTACHMENT W/PIN**

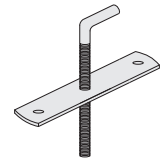
PAGE 159

**SERIES W746****CONCRETE
CLEVIS PLATE**

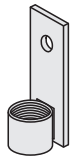
PAGE 160

**SERIES W750****CEILING
FLANGE**

PAGE 151

**SERIES W751****ADJUSTABLE
Q-DECK INSERT**

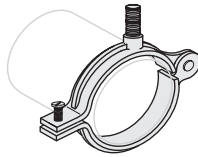
PAGE 152

**SERIES W752****SEISMIC
BASE**

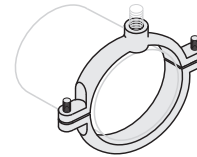
PAGE 153

**SERIES W755****VAN
HANGER**

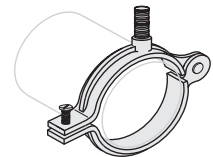
PAGE 161

**SERIES W760****HINGED SPLIT
RING HANGER**

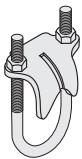
PAGE 163

**SERIES W761****EXTENSION SPLIT
CLAMP HANGER**

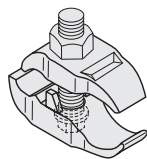
PAGE 164

**SERIES W765****COPPER SPLIT
RING HANGER**

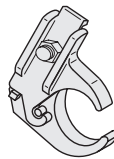
PAGE 162

**SERIES W770****RIGHT
ANGLE CLAMP**

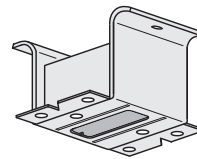
PAGE 154

**SERIES W780****PARALLEL
CONDUIT SUPPORT**

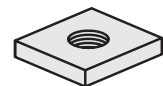
PAGE 165

**SERIES W785****EDGE TYPE
CONDUIT SUPPORT**

PAGE 166

**SERIES W790****SPOT
CONCRETE INSERT**

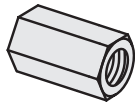
PAGE 167

**SERIES GSSI****SQUARE SPOT
INSERT NUT**

PAGE 168

**SERIES G201****SQUARE
WASHER**

PAGE 173

**SERIES GRC****ROD
COUPLING**

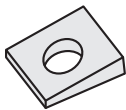
PAGE 177

**SERIES W810 & W811****HEX NUT**
STANDARD &
HEAVY DUTY
PAGE 176**SERIES GFW****FLAT
WASHER**

PAGE 170

**SERIES GLW****LOCK
WASHER**

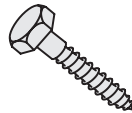
PAGE 171

**SERIES W817****BEVEL
WASHER**

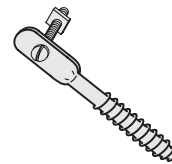
PAGE 174

**SERIES GFDW****FENDER
WASHER**

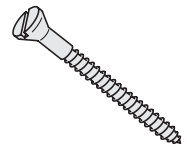
PAGE 172

**SERIES W820****LAG
SCREW**

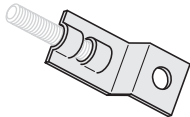
PAGE 179

**SERIES W821****FLAT END
LAG SCREW**

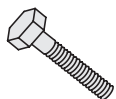
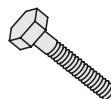
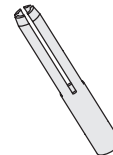
PAGE 177

**SERIES W825****WOOD DRIVE
SCREW**

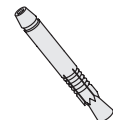
PAGE 178

**SERIES W830****OFFSET
EYE SOCKET**

PAGE 187

**SERIES W835****HEX HEAD
BOLT**
STANDARD DUTY
PAGE 180**SERIES W836****HEX HEAD
BOLT**
HEAVY DUTY
PAGE 181**SERIES W840****ANCHOR BOLT
DROP-IN**

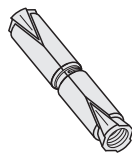
PAGE 182

**SERIES W841****SELF DRILLING
SNAP-OFF FLUSH**

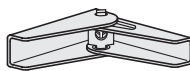
PAGE 184

**SERIES W842****WEDGE
ANCHOR**

PAGE 183

**SERIES W850****DOUBLE
EXPANSION SHIELD**

PAGE 185

**SERIES W855****WING
TOGGLE**

PAGE 186

**SERIES GAT****ALL
THREADED ROD**

PAGE 188

**SERIES W863****MACHINE THREAD
HANGER ROD**RIGHT HAND THREADS
PAGE 189



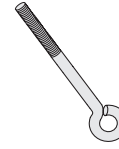
SERIES W864
**MACHINE THREAD
 HANGER ROD**
 LEFT & RIGHT
 HAND THREADS
 PAGE 190



SERIES W865
**COACH
 SCREW ROD**
 PAGE 196



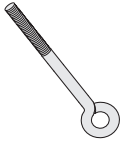
SERIES W866
EYE ROD
 RIGHT HAND THREADS
 PAGE 191



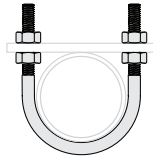
SERIES W867
EYE ROD
 LEFT HAND THREADS
 PAGE 192



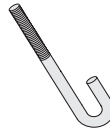
SERIES W868
**WELDED
 EYE ROD**
 RIGHT HAND THREADS
 PAGE 193



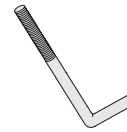
SERIES W869
**WELDED
 EYE ROD**
 LEFT HAND THREADS
 PAGE 194



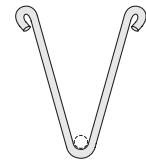
SERIES W870
U-BOLT
 PAGE 195



SERIES W871
**J-BEAM
 BOLT**
 PAGE 198



SERIES W872
**ANCHOR
 BOLT**
 PAGE 199



SERIES W873
U-HOOK
 PAGE 197

NOTES:

[illegible]

SECTION 2

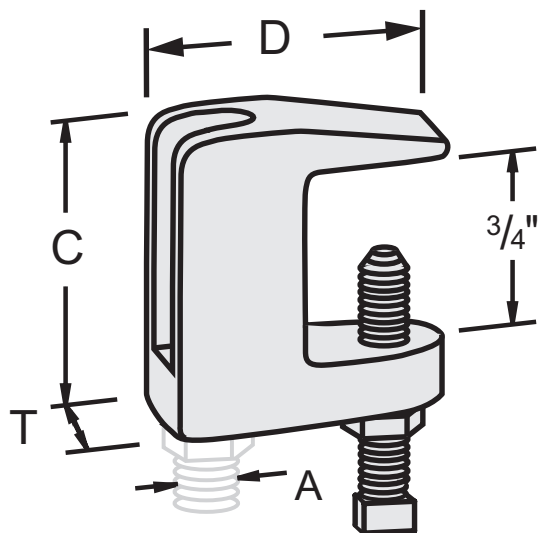
G-FORCE®
CLAMPS

Beam clamps available in malleable iron or steel. Supports a variety of applications, threaded rod, and structural beams.

CLAMPS

UNIVERSAL DUCTILE BEAM CLAMP SMALL MOUTH (JUNIOR) » SERIES G414

BEAM CLAMPS



Follow maximum recommended set
screw torque values MSS-SP-69

SIZE RANGE:

3/8" through 7/8" rod sizes

MATERIAL:

Malleable iron casting with a hardened cup point
set screw and lock nut

FINISH:

Plain

ORDERING:

Specify rod size; finish; and Series #

APPROVALS:

UL listed for top or bottom of beam. Complies with
Manufacturers Standardization Society SP-69 (Type
19 & 23). FM approved for NFPA 13, maximum rated
pipe size.

FUNCTION:

Recommended for attaching hanger rod to top or
bottom flange of a beam or bar joist, where the
thickness of a joist or flange does not exceed 3/4".
The open back design permits rod adjustment.

INSTALLATION:

Must install in an upright position

AVAILABLE:

304 stainless steel, electro-galvanized

UNIVERSAL DUCTILE BEAM CLAMP – SMALL MOUTH (SERIES G414)

	PART #	ROD SIZE (A)	THICKNESS (T)	HIGH (C)	DEEP (D)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS. / 100 PCS.
	G4142	3/8	13/16"	1 5/8"	1 7/8"	400	100	28
	G4143	1/2	1 1/8"	1 3/4"	1 3/4"	500	100	40
	G4144	5/8	1 1/8"	1 7/8"	1 7/8"	600	50	43
	G4145	3/4	1 5/16"	1 7/8"	2 3/8"	800	50	69
	G4146	7/8	1 5/16"	1 7/8"	2 3/8"	1200	25	69

NOTE: *Designate EG in part #, if electro-galvanized finish is desired.

! All above beam clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2 STAINLESS STEEL (304) = 8

Example: **W100 1 03= STAINLESS STEEL**

8

WIDE THROAT DUCTILE BEAM CLAMP SERIES G413 « LARGE MOUTH

BEAM CLAMPS

SIZE RANGE:

3/8" through 3/4" rod sizes

MATERIAL:

Malleable iron casting with a hardened cup point set screw and lock nut

FINISH:

Plain

ORDERING:

Specify rod size; finish; and Series #

APPROVALS:

UL listed for top or bottom of beam. Complies with Manufacturers Standardization Society SP-69 (Type 19 & 23). FM approved for NFPA 13, maximum rated pipe size.

FUNCTION:

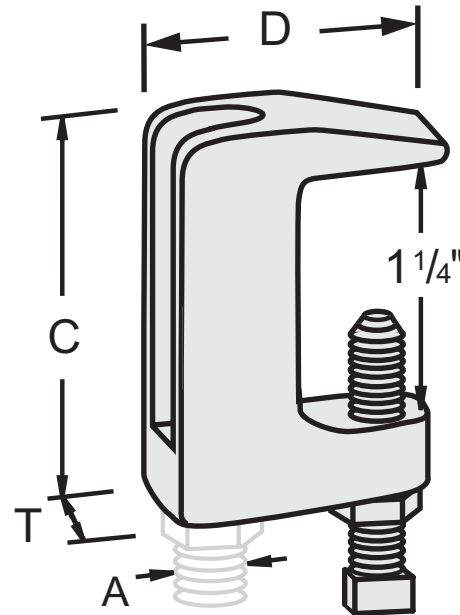
Recommended for attaching hanger rod to top or bottom flange of a beam or bar joist construction. The open back design permits rod adjustment.

INSTALLATION:

Must install in an upright position

AVAILABLE:

stainless steel, electro-galvanized



Follow maximum recommended set screw torque values MSS-SP-69

WIDE THROAT DUCTILE BEAM CLAMP – LARGE MOUTH (SERIES G413)

	PART #	ROD SIZE (A)	THICKNESS (T)	HIGH (C)	DEEP (D)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	G4131	3/8	15/16"	2"	1 3/4"	400	50	37
	G4132	1/2	15/16"	2 1/8"	1 3/4"	500	50	42
	G4133	5/8	1 1/4"	2 1/4"	2 3/8"	600	50	80
	G4134	3/4	1 3/8"	2 1/2"	2 1/2"	800	50	95

NOTE: *Designate EG in part #, if electro-galvanized finish is desired.

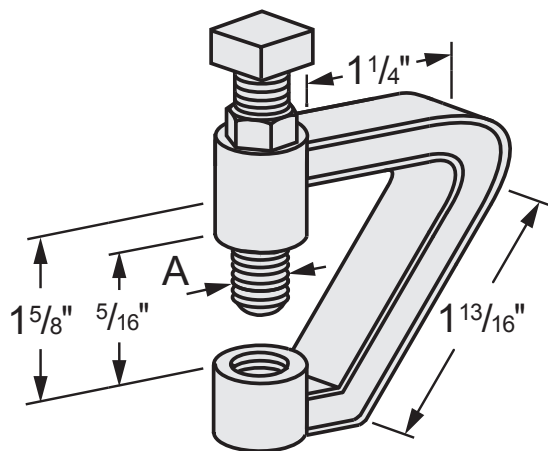
! All above beam clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2 STAINLESS STEEL (304) = 8

Example: **W110 103-2** = ELECTRO-GALV

PURLIN CLAMP » SERIES W140

BEAM CLAMPS

**SIZE RANGE:**

3/8" rod size

MATERIAL:

Malleable iron casting with hardened cup point set screw and lock nut

FINISH:

Plain & electro-galvanized

ORDERING:

Specify rod size; finish; and Series #

FUNCTION:

Designed for use with large-lip rolled steel purlins to eliminate the need to modify steel purlin for standard c-clamp



Follow maximum recommended set
screw torque values MSS-SP-69

PURLIN CLAMP (SERIES W140)

	PART #	FINISH	ROD SIZE (A)	MAX PIPE	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W140103	PLAIN	3/8	4"	400	25	82
	W140203	ELECTRO-GALV	3/8	4"	400	25	82

ROD INSULATOR DUCTILE BEAM CLAMP SERIES W130 « ELECTRICIANS CLAMP

BEAM CLAMPS

SIZE RANGE:

1/4" through 1/2" rod sizes

MATERIAL:

Malleable iron with steel set screw

FINISH:

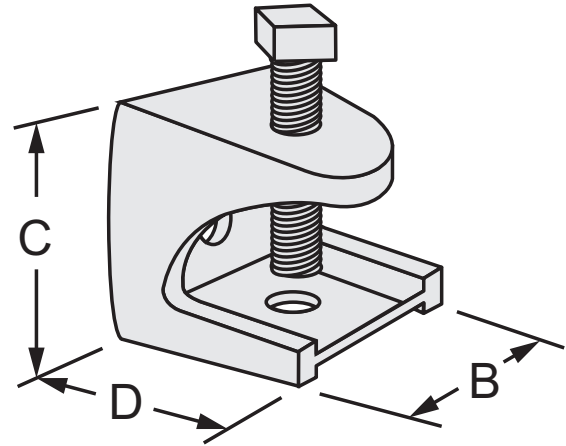
Electro-galvanized

ORDERING:

Specify rod size; finish; and Series #

FUNCTION:

Recommended for attaching rod or insulator to framework



CLAMPS

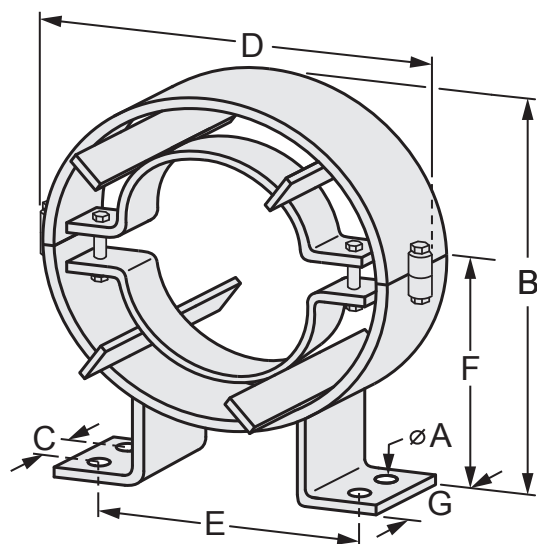
ROD INSULATOR DUCTILE BEAM CLAMP – ELECTRICIANS CLAMP (SERIES W130)

	PART #	ROD SIZE	WIDE (B)	DEEP (D)	HIGH (C)	MAX FLANGE	CARTON QTY.	LBS./ 100 PCS.
	G4121	1/4	1 1/8"	1 1/4"	1 3/8"	5/8"	100	22
	G4122	3/8	2"	2"	1 3/4"	3/4"	25	70
	G4123	1/2	2 5/16"	2 1/8"	2 1/8"	7/8"	25	120

NOTE: *Bottom and back holes are tapped.

PIPE ALIGNMENT GUIDE » SERIES W120

PIPE ALIGNMENT/ASSEMBLY

**MATERIAL:**

Carbon steel

FINISH:

Plain

ORDERING:

Specify pipe size; guide size; insulation thickness; Series #

FUNCTION:

Recommended for use in directing thermal expansion of insulated or non-insulated pipe in the direction permitted by expansion joint or loops

PIPE ALIGNMENT GUIDE (SERIES W120)

	PART #	GUIDE SIZE	PIPE SIZE	INSULATION THICKNESS	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (G)	LBS./ 100 PCS.
	W120110	1	1"	1"	5 3/4"	1 3/4"	5 7/8"	4 1/4"	3 1/2"	3"	60
	W120120	2	1 1/4" to 2"	1"	6 3/4"	1 3/4"	7"	4 1/2"	4"	3"	80
	W120121	2	1 1/4" to 2"	1 1/2"	6 3/4"	1 3/4"	7"	4 1/2"	4"	3"	80
	W120130	3	2 1/2"	1"	7 5/8"	1 3/4"	8"	5 1/4"	4 3/8"	3"	100
	W120131	3	1 1/4" to 2"	1 1/2"	7 5/8"	1 3/4"	8"	5 1/4"	4 3/8"	3"	100
	W120132	3	1"	2"	7 5/8"	1 3/4"	8"	5 1/4"	4 3/8"	3"	100
	W120140	4	3" to 4"	1"	9 1/2"	1 3/4"	10 3/8"	6 1/4"	5 1/4"	3"	130
	W120141	4	2 1/2" to 3 1/2"	1 1/2"	9 1/2"	1 3/4"	10 3/8"	6 1/4"	5 1/4"	3"	130
	W120142	4	1 1/4" to 2 1/2"	2"	9 1/2"	1 3/4"	10 3/8"	6 1/4"	5 1/4"	3"	130
	W120143	4	1" to 2"	2 1/2"	9 1/2"	1 3/4"	10 3/8"	6 1/4"	5 1/4"	3"	130
	W120144	4	1"	3"	9 1/2"	1 3/4"	10 3/8"	6 1/4"	5 1/4"	3"	130
	W120150	5	5" to 6"	1"	11 5/8"	2 3/4"	12 1/2"	7 1/4"	6 1/4"	3"	200
	W120151	5	4" to 5"	1 1/2"	11 5/8"	2 3/4"	12 1/2"	7 1/4"	6 1/4"	3"	200
	W120152	5	3" to 4"	2"	11 5/8"	2 3/4"	12 1/2"	7 1/4"	6 1/4"	3"	200
	W120153	5	2 1/2" to 3 1/2"	2 1/2"	11 5/8"	2 3/4"	12 1/2"	7 1/4"	6 1/4"	3"	200

SERIES W120 « PIPE ALIGNMENT GUIDE

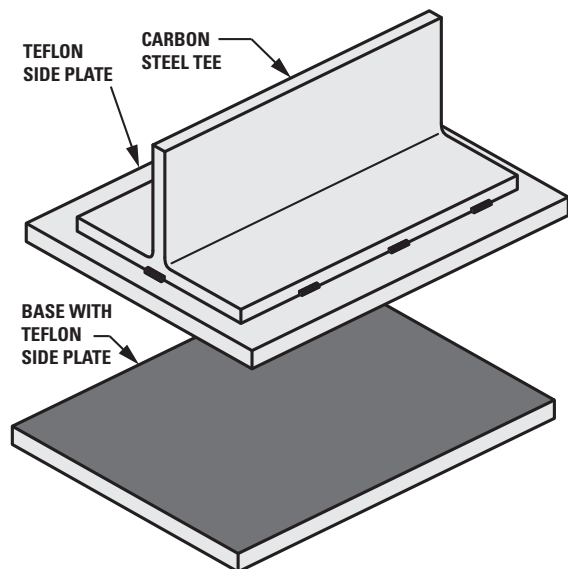
PIPE ALIGNMENT/ASSEMBLY

PIPE ALIGNMENT GUIDE (SERIES W120) *continued*

	PART #	GUIDE SIZE	PIPE SIZE	INSULATION THICKNESS	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (G)	LBS./ 100 PCS.
	W120154	5	1 1/4" to 2 1/2"	3"	11 5/8"	2 3/4"	12 1/2"	7 1/4"	6 1/4"	3"	200
	W120155	5	1"	4"	11 5/8"	2 3/4"	12 1/2"	7 1/4"	6 1/4"	3"	200
	W120160	6	6"	1 1/2"	13 5/8"	2 3/4"	14 1/2"	8 1/4"	7 1/4"	4"	225
	W120161	6	5" to 6"	2"	13 5/8"	2 3/4"	14 1/2"	8 1/4"	7 1/4"	4"	225
	W120162	6	4" to 5"	2 1/2"	13 5/8"	2 3/4"	14 1/2"	8 1/4"	7 1/4"	4"	225
	W120163	6	3" to 4"	3"	13 5/8"	2 3/4"	14 1/2"	8 1/4"	7 1/4"	4"	225
	W120164	6	1 1/4" to 2 1/2"	4"	13 5/8"	2 3/4"	14 1/2"	8 1/4"	7 1/4"	4"	225
	W120170	7	8"	1 1/2"	15"	4"	15 3/4"	10"	8"	4"	400
	W120171	7	8"	2"	15"	4"	15 3/4"	10"	8"	4"	400
	W120172	7	6"	2 1/2"	15"	4"	15 3/4"	10"	8"	4"	400
	W120173	7	5" to 6"	3"	15"	4"	15 3/4"	10"	8"	4"	400
	W120174	7	3" to 4"	4"	15"	4"	15 3/4"	10"	8"	4"	400
	W120180	8	10"	1 1/2"	17"	4"	17 3/4"	11"	9"	6"	450
	W120181	8	10"	2"	17"	4"	17 3/4"	11"	9"	6"	450
	W120182	8	8"	2 1/2"	17"	4"	17 3/4"	11"	9"	6"	450
	W120183	8	8"	3"	17"	4"	17 3/4"	11"	9"	6"	450
	W120184	8	5" to 6"	4"	17"	4"	17 3/4"	11"	9"	6"	450
	W120190	9	12"	1 1/2"	18 3/4"	4"	20 1/8"	12"	9 3/4"	6"	550
	W120191	9	12"	2"	18 3/4"	4"	20 1/8"	12"	9 3/4"	6"	550
	W120192	9	10"	2 1/2"	18 3/4"	4"	20 1/8"	12"	9 3/4"	6"	550
	W120193	9	10"	3"	18 3/4"	4"	20 1/8"	12"	9 3/4"	6"	550
	W120194	9	8"	4"	18 3/4"	4"	20 1/8"	12"	9 3/4"	6"	550
	W1201100	10	14"	2"	21 1/8"	4"	22 1/8"	11 1/2"	10 7/8"	6"	650
	W1201101	10	12" to 14"	2 1/2"	21 1/8"	4"	22 1/8"	11 1/2"	10 7/8"	6"	650
	W1201102	10	12"	3"	21 1/8"	4"	22 1/8"	11 1/2"	10 7/8"	6"	650
	W1201103	10	10"	4"	21 1/8"	4"	22 1/8"	11 1/2"	10 7/8"	6"	650
	W1201110	11	16"	2"	23 1/8"	6"	24 1/8"	14 1/2"	12 1/8"	8"	950
	W1201111	11	16"	2 1/2"	23 1/8"	6"	24 1/8"	14 1/2"	12 1/8"	8"	950
	W1201112	11	14"	3"	23 1/8"	6"	24 1/8"	14 1/2"	12 1/8"	8"	950
	W1201113	11	12"	4"	23 1/8"	6"	24 1/8"	14 1/2"	12 1/8"	8"	950
	W1201120	12	16"	3"	25"	6"	26 5/8"	15 1/2"	13"	8"	1115
	W1201121	12	14" to 16"	4"	25"	6"	26 5/8"	15 1/2"	13"	8"	1115

PIPE SLIDE ASSEMBLY » SERIES W121-W127

PIPE ALIGNMENT/ASSEMBLY

**SIZE RANGE:**

From 0" to 8" & 10" to 24" pipe size

MATERIAL:

Carbon steel tee with teflon slide plate,

FINISH:

Plain

ORDERING:

Specify pipe size, type and travel # (see factory for ordering part #'s)

APPROVAL:

Complies with Federal Specification A-A1192A (Type 35) and Manufactures Standardization Society SP-69 (Type 35)

FUNCTION:

Designed for the support of piping where horizontal movement resulting from expansion and contraction takes place and where a low coefficient for friction (from .05 to .07 dependent on load) is desired. Maximum temperature 750° F.

PIPE SLIDE ASSEMBLY (SERIES W121-W127)

	PIPE SIZE	TRAVEL	MAXIMUM RECOMMENDED LOAD (LBS.)	SIZE Ø (A)	SIZE (B) SERIES #				SIZE (C) SERIES #		
					W121 & W124	W122 & W123	W125 & W126	W127	W121 & W124	W122, W123 & W125 & W126	W127
UP TO 8		5	7000	3 15/16"	3 1/2"	6"	9 3/4"	5"	3 3/4"	4 1/4"	4 3/4"
		10		3 15/16"	3 1/2"	6"	9 3/4"	5"	3 3/4"	4 1/4"	4 3/4"
		15		3 15/16"	3 1/2"	6"	9 3/4"	5"	3 3/4"	4 1/4"	4 3/4"
		20		3 15/16"	3 1/2"	6"	9 3/4"	5"	3 3/4"	4 1/4"	4 3/4"
10 to 24		5	13500	5 7/16"	4 1/2"	7"	10 3/4"	6 1/2"	3 3/4"	4 1/4"	5 3/4"
		10		5 7/16"	4 1/2"	7"	10 3/4"	6 1/2"	3 3/4"	4 1/4"	5 3/4"
		15		5 7/16"	4 1/2"	7"	10 3/4"	6 1/2"	3 3/4"	4 1/4"	5 3/4"
		20		5 7/16"	4 1/2"	7"	10 3/4"	6 1/2"	3 3/4"	4 1/4"	5 3/4"

NOTE: *See part #'s on next page. Series W121, W122 and W123 provide for longitudinal movement only. Series W124, W125 and W126 provide for both longitudinal and transverse movement of pipe. Series W127 accommodates up to 5 inches of horizontal movement in any direction.

SERIES W121-W127 « PIPE SLIDE ASSEMBLY

PIPE ALIGNMENT/ASSEMBLY

PIPE SLIDE ASSEMBLY (SERIES W121-W127) continued

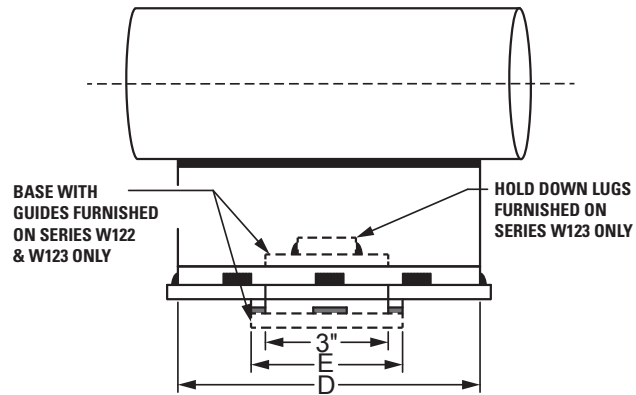
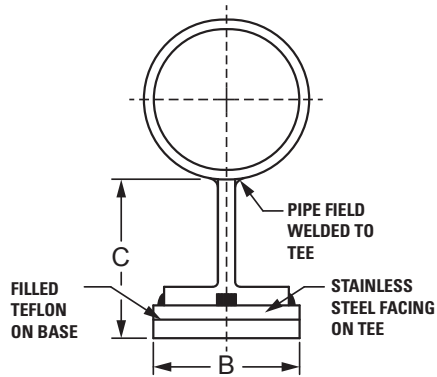
	PIPE SIZE	TRAVEL	MAXIMUM RECOMMENDED LOAD (LBS.)	SIZE (D) SERIES #		SIZE (E)	SIZE (F) SERIES #		WEIGHT EACH (LBS.) SERIES #						
				W121 & W126	W127		W121 & W123	W124 & W126	W121	W122	W123	W124	W125	W126	W127
UP TO 8		5	7000	9"	10"	4"	3 1/2"	5 1/2"	9.5	14.5	15.5	11.0	18.0	19.6	27.0
		10		13 1/2"	10"	4"	3 1/2"	5 1/2"	13.5	18.5	19.5	15.7	22.6	24.3	27.0
		15		18"	10"	4"	3 1/2"	5 1/2"	17.6	22.6	23.6	20.5	27.4	29.1	27.0
		20		27"	10"	4"	3 1/2"	5 1/2"	21.6	26.6	27.6	25.5	32.1	33.8	27.0
10 to 24		5	13500	11"	11 1/2"	6"	4 1/2"	6 1/2"	16.0	23.5	24.3	17.5	28.4	30.0	38.0
		10		16 1/2"	11 1/2"	6"	4 1/2"	6 1/2"	21.4	38.9	29.7	23.6	34.5	36.0	38.0
		15		22"	11 1/2"	6"	4 1/2"	6 1/2"	26.9	34.4	35.1	29.8	40.7	42.2	38.0
		20		33"	11 1/2"	6"	4 1/2"	6 1/2"	32.2	39.8	40.5	35.9	46.8	48.3	38.0

NOTE: *See part #'s on next page. Series W121, W122 and W123 provide for longitudinal movement only. Series W124, W125 and W126 provide for both longitudinal and transverse movement of pipe. Series W127 accommodates up to 5 inches of horizontal movement in any direction.

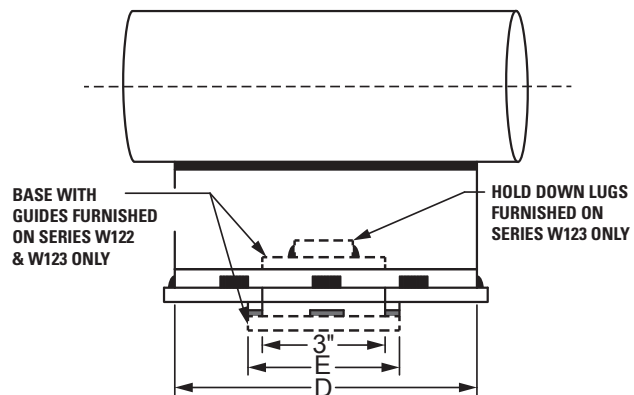
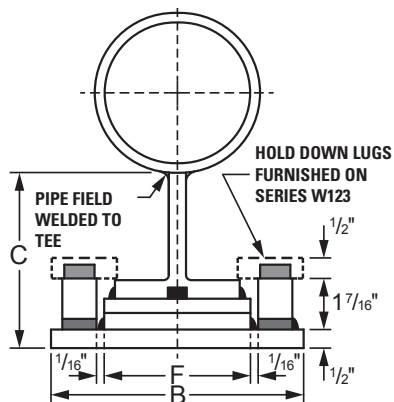
PIPE SLIDE ASSEMBLY » SERIES W121-W127

PIPE ALIGNMENT/ASSEMBLY

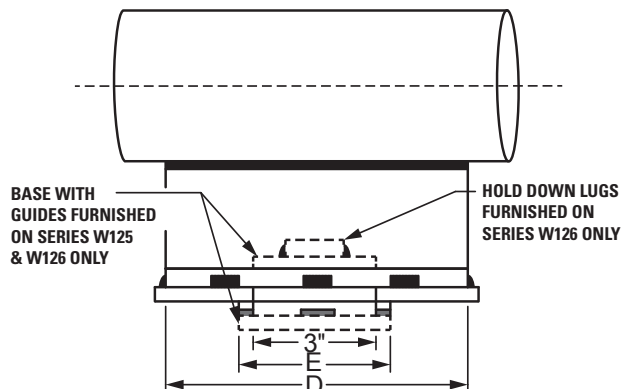
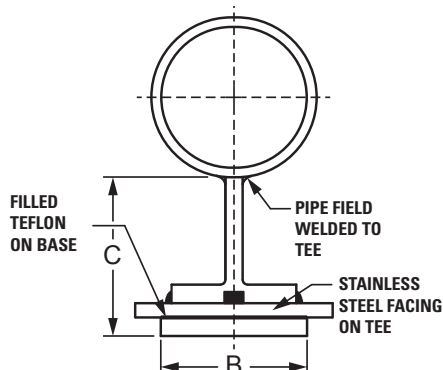
PIPE SLIDE ASSEMBLY – SERIES W121



PIPE SLIDE ASSEMBLY – SERIES W122 & W123



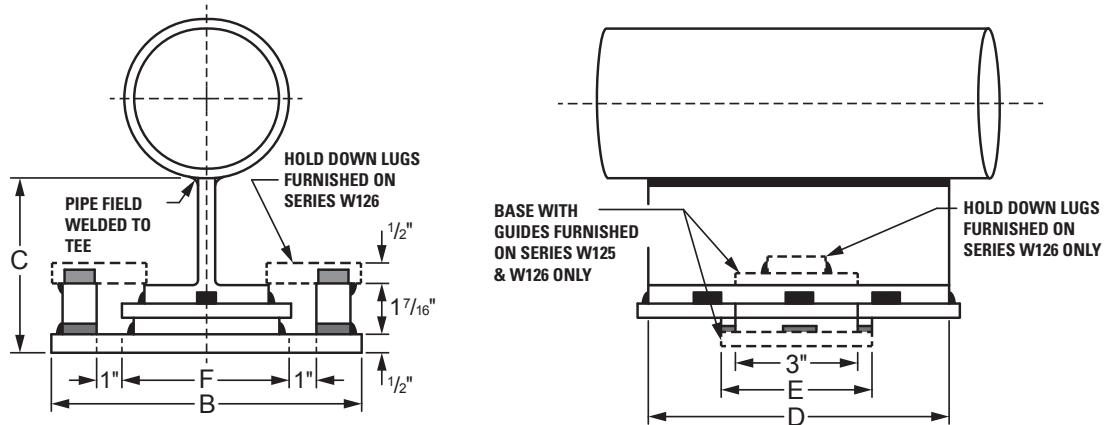
PIPE SLIDE ASSEMBLY – SERIES W124



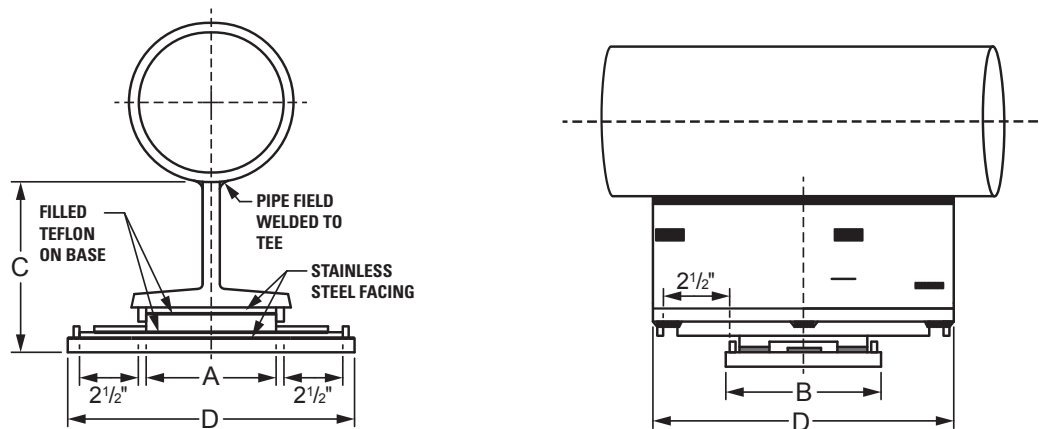
SERIES W121-W127 « PIPE SLIDE ASSEMBLY

PIPE ALIGNMENT/ASSEMBLY

PIPE SLIDE ASSEMBLY – SERIES W125 & W126



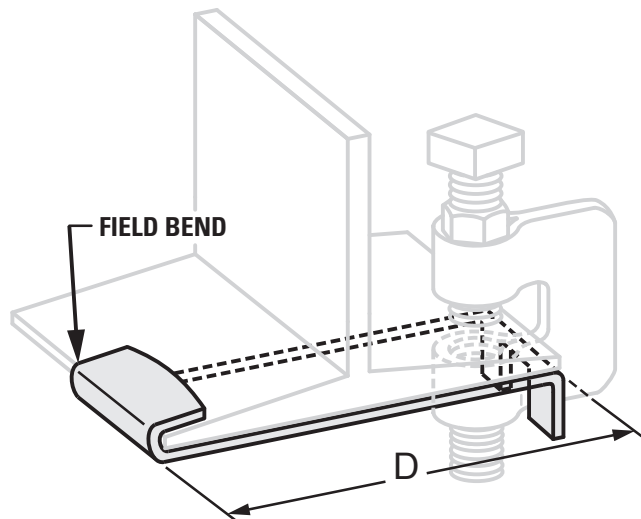
PIPE SLIDE ASSEMBLY – SERIES W127



RETAINING STRAP » SERIES W115

RETAINING STRAPS

CLAMPS

**MATERIAL:**

Low carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; finish; length; and Series #

FUNCTION:

Designed to eliminate possible movement of the beam clamp due to vibration

AVAILABLE:

Electro-galvanized, 304 & 316 stainless steel

RETAINING STRAP (SERIES W115)

	PART #	PRE-BENT STRAP LENGTH (D)	MATERIAL SIZE	LBS./100 PCS.
	W115144	4 1/2"	11 ga. x 1"	15
	W115160	6"	11 ga. X 1"	22
	W115180	8"	11 ga. x 1"	33
	W1151100	10"	11 ga. x 1"	36
	W1151140	14"	11 ga. x 1"	50

NOTE: *Used with the steel c-clamp, W200 Series. Add 1 inch to beam flange width to determine length of strap.

! All above straps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2 STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: W115 144 = ELECTRO-GALV

2

SERIES W116 « RETAINING STRAP

RETAINING STRAPS

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

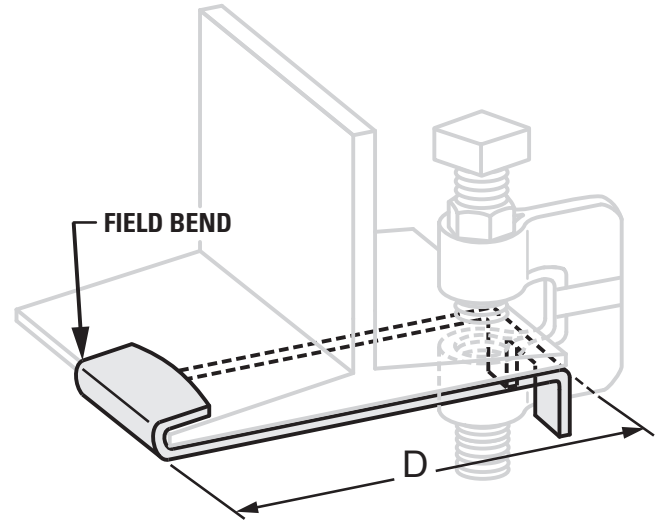
Specify rod size; finish; length; and Series #

FUNCTION:

Designed to eliminate possible movement of the beam clamp due to vibration

AVAILABLE:

Electro-galvanized, 304 & 316 stainless steel

**RETAINING STRAP (SERIES W116)**

	PART #	PRE-BENT STRAP LENGTH (D)	MATERIAL SIZE	LBS./100 PCS.
	W116144	4 1/2"	11 ga. x 1 1/4"	21
	W116160	6"	11 ga. x 1 1/4"	28
	W116180	8"	11 ga. x 1 1/4"	36
	W1161100	10"	11 ga. x 1 1/4"	45
	W1161140	14"	11 ga. x 1 1/4"	59

NOTE: *Used with the steel c-clamp, W210 Series. Add 1 inch to beam flange width to determine length of strap.

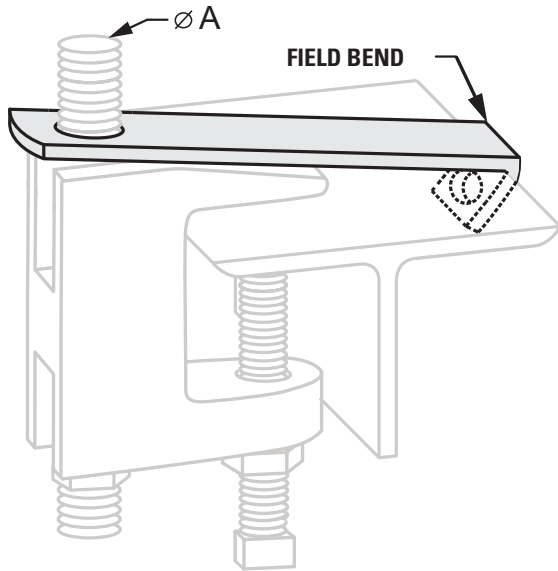
! All above straps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2 STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: W116 ~~1~~44 = ELECTRO-GALV
2

RETAINING STRAP » SERIES W117

RETAINING STRAPS

**SIZE RANGE:**

Strap is punched with 1/2" and 3/8" hole on same strap

MATERIAL:

Low carbon steel

FINISH:

Electro-galvanized

ORDERING:

Specify rod size; finish; length; and Series #

AVAILABLE:

304 & 316 stainless steel

RETAINING STRAP (SERIES W117)

	PART #	ROD SIZE (A)	MATERIAL SIZE	WEIGHT EACH (IN LBS.) TOTAL PRE-BENT LENGTH OF STRAP (INCHES)				
				4 1/2"	6"	8"	10"	14"
	W117203	3/8"	14 ga. x 1"	.15	.21	.28	.35	.49
	W117204	1/2"	14 ga. x 1"	.15	.21	.28	.35	.49
	W117205	5/8"	14 ga. x 1 1/4"	.20	.26	.35	.44	.62
	W117206	3/4"	14 ga. x 1 1/4"	.20	.26	.35	.44	.62
	W117207	7/8"	14 ga x 2"	.31	.42	.56	.70	.98

! All above straps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W117 2 03** = STAINLESS STEEL

8

SERIES W118 « RETAINING STRAP

RETAINING STRAPS

SIZE RANGE:

3/4" max. flange thickness

MATERIAL:

Low carbon steel

FINISH:

Electro-galvanized

ORDERING:

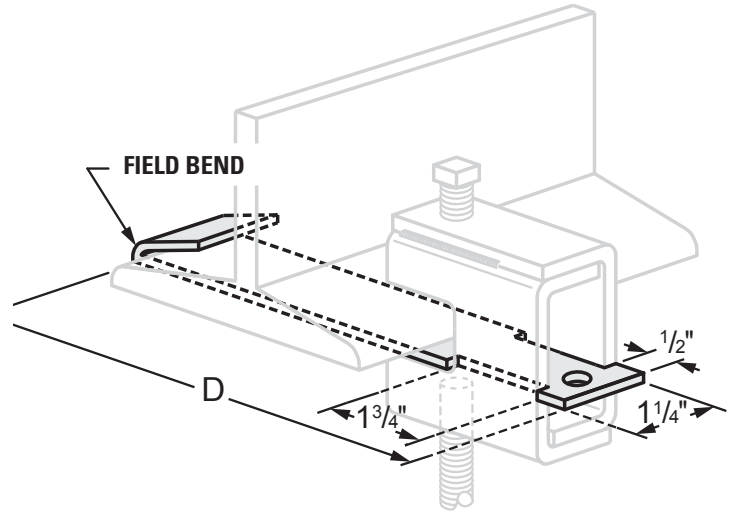
Specify length, flange width, finish; and Series #

FUNCTION:

For use with G410 and G411 Series beam clamps

AVAILABLE:

Hot-dip galvanized



CLAMPS

RETAINING STRAP (SERIES W118)

	PART #	PRE-BENT STRAP LENGTH (D)	FLANGE WIDTH	LBS./100 PCS.
	W118260	6"	6"	22
	W118290	9"	9"	30
	W1182120	12"	12"	40
	W1182180	18"	15"	49

! All above straps are Electro-galv. To order other finishes, change the 5th character in the part # as seen below:

HOT-DIP GALVANIZED = 9

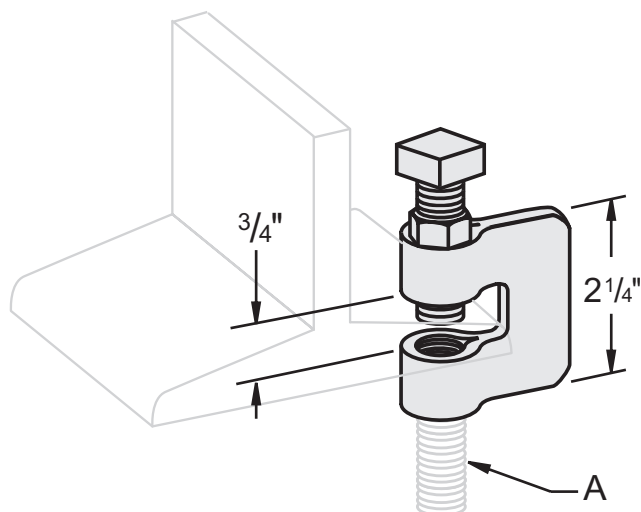
Example: **W118 2 60** = HOT-DIP GALV

9

STEEL C-CLAMP WITH LOCK NUT

» SERIES W200 & W201

C-CLAMP



Follow maximum recommended set screw torque values MSS-SP-69

SIZE RANGE:

3/8" and 7/8" rod size

MATERIAL:

Carbon steel with a hardened cup point set screw and available with or without a lock nut

FINISH:

Plain

ORDERING:

Specify rod size; finish; and Series #

APPROVALS:

UL Listing and FM Approved for NFPA 13, maximum rated pipe size. Complies with Federal Specification WW-H171E (Type 23) and Manufacturers Standardization Society SP-69 (Type 23).

FUNCTION:

Designed for structural attachment of hanger rod to bottom flange of a metal beam, purlins, channel or angle iron. The hanger rod should make contact with the beam flange to ensure full engagement.

AVAILABLE IN:

Electro-galvanized & 304 stainless steel

STEEL C-CLAMP WITH LOCK NUT (SERIES W200 & W201)

	PART #	ROD SIZE (A)	CARTON QTY.	LBS./ 100 PCS.	MAXIMUM RECOMMENDED LOAD (LBS.)
	G416	3/8"	100	45	400
	G4161	1/2"	100	46	500
	G4162	5/8"	50	66	550
	G4163	3/4"	50	86	600
	G4164	7/8"	25	176	900

NOTE: *Designate EG in part #, if electro-galvanized finish is desired. Maximum pipe size: 4".

DUCTILE C-CLAMP WITH LOCK NUT

SERIES W210 & W211 <<

C-CLAMP

SIZE RANGE:

3/8" and 3/4" rod size

MATERIAL:

Malleable iron casting with a hardened cup point set screw and available with or without a lock nut

FINISH:

Plain

ORDERING:

Specify rod size; finish; and Series #

APPROVALS:

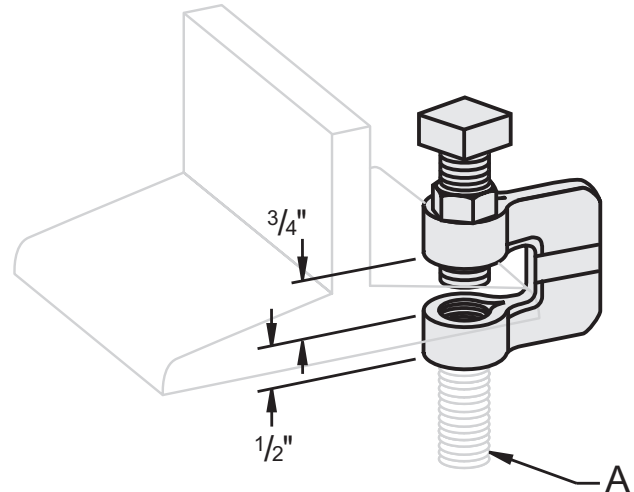
Complies with Federal Specification WW-H171E (Type 23) and Manufacturers Standardization Society SP-69 (Type 23)

FUNCTION:

Designed for structural attachment of hanger rod to bottom flange of a metal beam, purlins, channel or angle iron. The hanger rod should make contact with the beam flange to ensure full engagement.

AVAILABLE:

Electro-galvanized



Follow maximum recommended set screw torque values MSS-SP-69

DUCTILE C-CLAMP WITH LOCK NUT (SERIES W210 & W211)

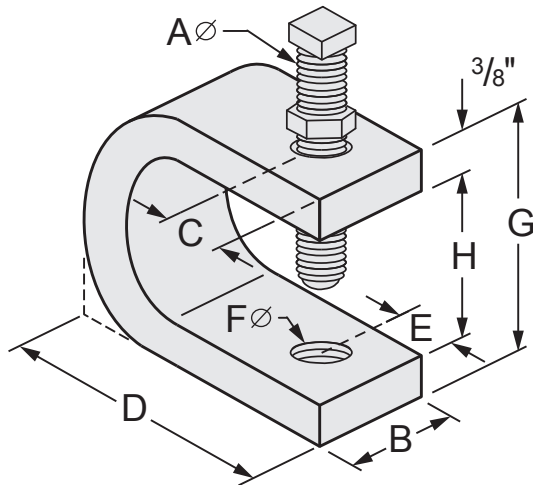
	PART #	ROD SIZE (A)	CARTON QTY.	LBS./ 100 PCS.	MAXIMUM RECOMMENDED LOAD (LBS.)
	G417	3/8"	100	26	400
	G4171	1/2"	100	29	500
	G4172	5/8"	50	72	550
	G4173	3/4"	50	98	600

NOTE: *Designate EG in part #, if electro-galvanized finish is desired.

STEEL C-TYPE CLAMP » SERIES W215 & W217

C-CLAMP

CLAMPS

**SIZE RANGE:**

1/2" or 3/8" rod size

MATERIAL:

Steel, furnished with hardened steel set screw and lock nut

FINISH:

Electro-galvanized

ORDERING:

Specify rod size; finish; and Series #

APPROVALS:

Complies with Federal Specifications A-A-1192A (Type 26) and Manufactures Standardization Society SP-69 (Type 26)

FUNCTION:

Recommended for use with large-lip rolled steel purlins ("Z" purlins)

STEEL C-TYPE CLAMP (SERIES W215 & W217)

	PART #	ROD SIZE (A)	MAX PIPE SIZE	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (G)	SIZE (H)	MAXIMUM RECOMMENDED LOAD (LBS.)
	W215203	3/8"	4"	3/4"	5/16"	19/16"	5/16"	3/8"	1 3/8"	5/8"	1500
	W216203	3/8"	8"	1 1/4"	5/16"	15/8"	3/8"	1/2"	1 3/8"	5/8"	4050
	W217203	3/8"	4"	3/4"	5/16"	1 1/2"	5/16"	3/8"	1 5/8"	7/8"	1500
	W215204	1/2"	8"	1 1/2"	7/16"	19/16"	7/16"	1/2"	1 5/8"	7/8"	4050

SERIES W226 « ADJUSTABLE STEEL BEAM CLAMP

ADJUSTABLE/MALLEABLE CLAMP

SIZE RANGE:

3/8" through 5/8" rod sizes

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

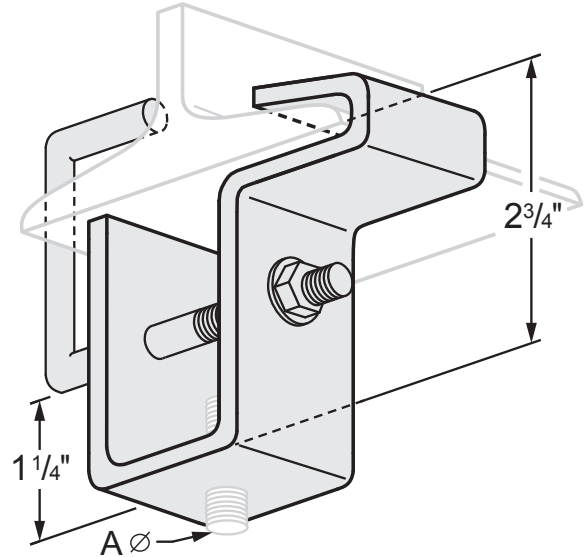
Specify rod size; finish; Series #

FUNCTION:

Designed to be used in the suspension of a hanger rod from an I-beam. The clamp is adjustable from 3 1/2" to 8" and can be used with flange thickness up to 3/4".

AVAILABLE:

304 & 316 stainless steel

**ADJUSTABLE STEEL BEAM CLAMP (SERIES W226)**

	PART #	ROD SIZE (A)	FLANGE WIDTH (INCHES)		MATERIAL SIZE	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
			MIN.	MAX.			
	W226103	3/8"	3 1/2"	8"	3 ga. x 1 1/4"	300	118
	W226104	1/2"	3 1/2"	8"	3 ga. x 1 1/4"	700	162
	W226105	5/8"	3 1/2"	8"	3 ga. x 1 1/4"	1000	218

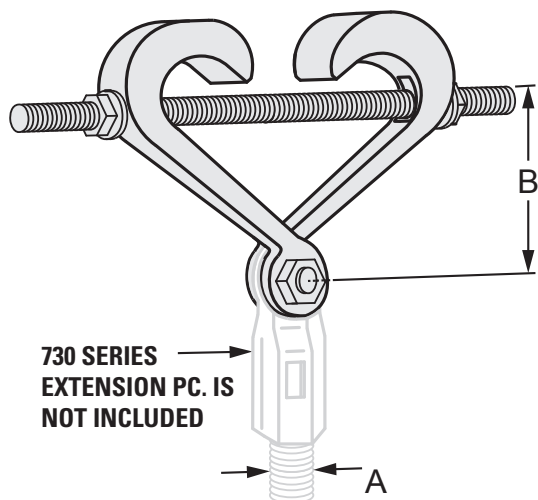
! All beam clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W226 103** = STAINLESS STEEL
8

MALLEABLE BEAM CLAMP » SERIES W230

ADJUSTABLE/MALLEABLE CLAMP

**SIZE RANGE:**

2 3/8" to 7" flange width, 3/8" to 7/8" rod size

MATERIAL:

Malleable iron jaw, carbon steel hardware

FINISH:

Plain

ORDERING:

Specify Series. If extension piece is required, order a 730 Series extension piece separately

APPROVALS:

Complies with Manufacturers Standardization Society SP-69 (Type 30)

FUNCTION:

Designed for attaching a hanger rod to the bottom flange of a beam. Flange thickness not to exceed 0.60".

MALLEABLE BEAM CLAMP (SERIES W230)

	MAX ROD SIZE (A)	ROD TAKE-OUT (B) FOR WIDTH OF BEAM FLANGE						BOLT DIAMETER	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
		2 3/8"	3"	4"	5"	6"	7"			
	7/8	3 1/2"	3 7/16"	3 5/16"	2 15/16"	2 9/16"	1 7/8"	7/16"	1365	249

NOTE: *Please see factory for part #'s.

SERIES W227 « STEEL C-TYPE CLAMP

CENTER LOAD BEAM CLAMP

SIZE RANGE:

3/8" through 1 1/4" rod size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

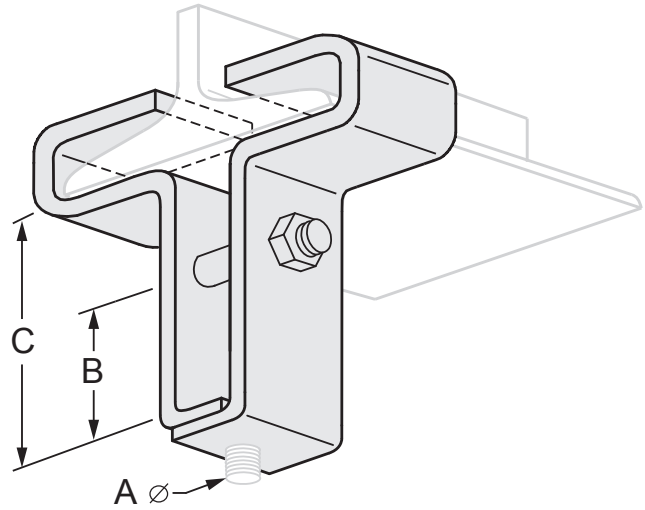
Specify width of flange; Series # and finish

FUNCTION:

Designed to be used in the suspension of a hanger rod from the center of an I-beam. The clamp's design allows the load to be distributed equally on either side of the beam. This clamp allows approximately 2" of vertical adjustment.

AVAILABLE:

304 & 316 stainless steel

**STEEL C-TYPE CLAMP (SERIES W227)**

	PART #	SIZE (A)	SIZE (B)	SIZE (C)	MATERIAL SIZE	MAXIMUM RECOMMENDED LOAD (LBS.)	WEIGHT EACH (IN LBS.) FLANGE WIDTH (INCHES)				
							4"	5"	6"	7"	8"
	W227103	3/8"	3"	4"	3 ga. x 1 1/4"	550	1.68	1.81	1.93	2.05	2.14
	W227104	1/2"	3"	4"	3 ga. x 1 1/2"	850	2.01	2.17	2.31	2.46	2.56
	W227105	5/8"	3 1/4"	4 1/2"	3/8" x 1 1/2"	1100	3.28	3.52	3.73	3.95	4.11
	W227106	3/4"	3 1/4"	4 1/2"	3/8" x 2"	1500	4.34	4.66	4.95	5.25	5.46
	W227107	7/8"	3 1/2"	5"	1/2" x 2"	2600	6.57	6.67	7.05	7.44	7.73
	W227110	1"	3 1/2"	5"	1/2" x 2 1/2"	4300	7.97	8.24	8.77	9.26	9.62
	W227111	1 1/8"	3 1/2"	5 1/2"	5/8" x 3"	6100	14.46	13.69	13.74	15.07	15.60
	W227112	1 1/4"	3 1/2"	5 1/2"	5/8" x 4"	8000	18.76	18.17	18.45	19.82	20.36

! All beam clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: W227103 = STAINLESS STEEL

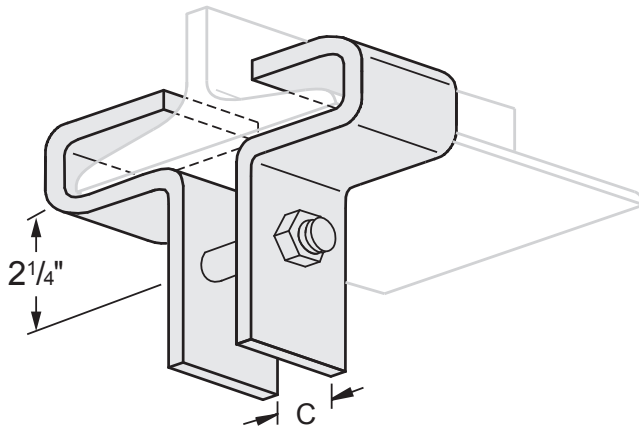
8

CENTER LOAD BEAM CLAMP-STANDARD DUTY

» SERIES W220

CENTER LOAD BEAM CLAMP

CLAMPS

**SIZE RANGE:**

See maximum recommended load table

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify type number; width of flange; flange thickness; finish; and Series #

APPROVALS:

Complies with Federal Specification A-A-1192A (Type 21) and Manufacturers Standardization Society SP-69 (Type 21)

FUNCTION:

Designed to be used in the suspension of a hanger rod from the center of an I-beam. The clamp's design allows the load to be distributed equally on either side of the beam. Normally used in conjunction with W715-Series weldless eye nut.

AVAILABLE IN:

304 & 316 stainless steel

CENTER LOAD BEAM CLAMP-STANDARD DUTY

SERIES W220 «

CENTER LOAD BEAM CLAMP

CENTER LOAD BEAM CLAMP – STANDARD DUTY (SERIES W220)

	PART #	TYPE NUMBER	FLANGE WIDTH	BOLT SIZE	SIZE (C)	MATERIAL SIZE	MAXIMUM FLANGE THICKNESS	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W220112	1	2	3/8	1/2"	3 ga. x 1 1/4"	7/16"	1000	BULK	63
	W220122	2	2	1/2	1/2"	3 ga. x 1 1/4"	7/16"	1250	BULK	84
	W220132	3	2	1/2	5/8"	3/8" x 1 1/2"	7/16"	1500	BULK	128
	W220113	1	3	3/8	1/2"	3 ga. x 1 1/4"	7/16"	1000	BULK	85
	W220123	2	3	1/2	1/2"	3 ga. x 1 1/4"	7/16"	1250	BULK	93
	W220133	3	3	1/2	5/8"	3/8" x 1 1/2"	7/16"	1500	BULK	142
	W220114	1	4	3/8	1/2"	3 ga. x 1 1/4"	1/2"	1000	BULK	88
	W220124	2	4	1/2	1/2"	3 ga. x 1 1/4"	1/2"	1250	BULK	110
	W220134	3	4	1/2	5/8"	3/8" x 1 1/2"	1/2"	1500	BULK	163
	W220115	1	5	3/8	1/2"	3 ga. x 1 1/4"	5/8"	1000	BULK	110
	W220125	2	5	1/2	1/2"	3 ga. x 1 1/4"	5/8"	1250	BULK	128
	W220135	3	5	1/2	5/8"	3/8" x 1 1/2"	5/8"	1500	BULK	206
	W220116	1	6	3/8	1/2"	3 ga. x 1 1/4"	3/4"	1000	BULK	113
	W220126	2	6	1/2	1/2"	3 ga. x 1 1/4"	3/4"	1250	BULK	144
	W220136	3	6	1/2	5/8"	3/8" x 1 1/2"	3/4"	1500	BULK	221
	W220117	1	7	3/8	1/2"	3 ga. x 1 1/4"	7/8"	1000	BULK	123
	W220127	2	7	1/2	1/2"	3 ga. x 1 1/4"	7/8"	1250	BULK	157
	W220137	3	7	1/2	5/8"	3/8" x 1 1/2"	7/8"	1500	BULK	247
	W220118	1	8	3/8	1/2"	3 ga. x 1 1/4"	7/8"	1000	BULK	125
	W220128	2	8	1/2	1/2"	3 ga. x 1 1/4"	7/8"	1250	BULK	166
	W220138	3	8	1/2	5/8"	3/8" x 1 1/2"	7/8"	1500	BULK	253
	W220119	1	9	3/8	1/2"	3 ga. x 1 1/4"	1"	1000	BULK	143
	W220129	2	9	1/2	1/2"	3 ga. x 1 1/4"	1"	1250	BULK	177
	W220139	3	9	1/2	5/8"	3/8" x 1 1/2"	1"	1500	BULK	269
	W220110	1	10	3/8	1/2"	3 ga. x 1 1/4"	1"	1000	BULK	152
	W220120	2	10	1/2	1/2"	3 ga. x 1 1/4"	1"	1250	BULK	186
	W220130	3	10	1/2	5/8"	3/8" x 1 1/2"	1"	1500	BULK	281
	W220111	1	11	3/8	1/2"	3 ga. x 1 1/4"	1"	1000	BULK	136
	W220121	2	11	1/2	1/2"	3 ga. x 1 1/4"	1"	1250	BULK	198
	W220131	3	11	1/2	5/8"	3/8" x 1 1/2"	1"	1500	BULK	306
	W220112	1	12	3/8	1/2"	3 ga. x 1 1/4"	1"	1000	BULK	171
	W220122	2	12	1/2	1/2"	3 ga. x 1 1/4"	1"	1250	BULK	210
	W220132	3	12	1/2	5/8"	3/8" x 1 1/2"	1"	1500	BULK	318

! All beam clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

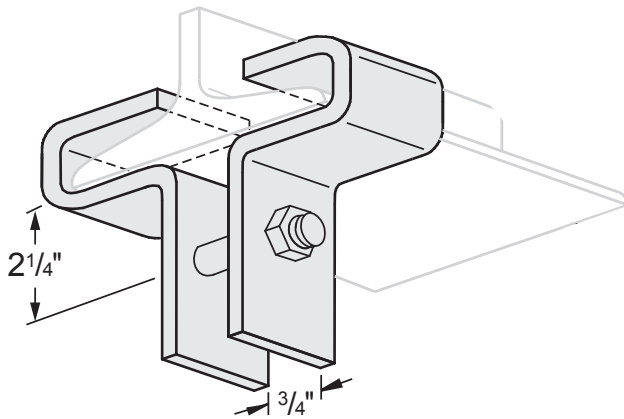
Example: **W220112** = STAINLESS STEEL

8

CENTER LOAD BEAM CLAMP-HEAVY DUTY

» SERIES W225

CENTER LOAD BEAM CLAMP



CLAMPS

SIZE RANGE:

See maximum recommended load table

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify type number; width of flange; flange thickness; finish; and Series #

APPROVALS:

Complies with Federal Specification A-A-1192A (Type 21) and Manufacturers Standardization Society SP-69 (Type 21)

FUNCTION:

Designed to be used in the suspension of a hanger rod from the center of an I-beam. The clamp's design allows the load to be distributed equally on either side of the beam. Normally used in conjunction with W715-Series weldless eye nut.

AVAILABLE IN:

304 & 316 stainless steel

CENTER LOAD BEAM CLAMP-HEAVY DUTY

SERIES W225

CENTER LOAD BEAM CLAMP

CENTER LOAD BEAM CLAMP – HEAVY DUTY (SERIES W225)

PART #	TYPE NUMBER	FLANGE WIDTH	BOLT SIZE	MATERIAL SIZE	MAXIMUM FLANGE THICKNESS	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./100 PCS.
W225143	4	3	5/8	1/2" x 2"	1/2"	3000	BULK	348
W225153	5	3	5/8	1/2" x 2 1/2"	1/2"	3250	BULK	426
W225163	6	3	3/4	5/8" x 2 1/2"	1/2"	3500	BULK	-
W225144	4	4	5/8	1/2" x 2"	1/2"	3000	BULK	392
W225154	5	4	5/8	1/2" x 2 1/2"	1/2"	3250	BULK	482
W225164	6	4	3/4	5/8" x 2 1/2"	1/2"	3000	BULK	629
W225145	4	5	5/8	1/2" x 2"	5/8"	3000	BULK	428
W225155	5	5	5/8	1/2" x 2 1/2"	5/8"	3250	BULK	523
W225165	6	5	3/4	5/8" x 2 1/2"	5/8"	3000	BULK	661
W225146	4	6	5/8	1/2" x 2"	3/4"	3000	BULK	445
W225156	5	6	5/8	1/2" x 2 1/2"	3/4"	3250	BULK	552
W225166	6	6	3/4	5/8" x 2 1/2"	3/4"	3000	BULK	727
W225147	4	7	5/8	1/2" x 2"	7/8"	3000	BULK	476
W225157	5	7	5/8	1/2" x 2 1/2"	7/8"	3250	BULK	591
W225167	6	7	3/4	5/8" x 2 1/2"	7/8"	3000	BULK	763
W225148	4	8	5/8	1/2" x 2"	7/8"	3000	BULK	525
W225158	5	8	5/8	1/2" x 2 1/2"	7/8"	3250	BULK	612
W225168	6	8	3/4	5/8" x 2 1/2"	7/8"	3000	BULK	857
W225149	4	9	5/8	1/2" x 2"	1"	3000	BULK	573
W225159	5	9	5/8	1/2" x 2 1/2"	1"	3250	BULK	657
W225169	6	9	3/4	5/8" x 2 1/2"	1"	3000	BULK	921
W225140	4	10	5/8	1/2" x 2"	1"	3000	BULK	594
W2251510	5	10	5/8	1/2" x 2 1/2"	1"	3250	BULK	698
W2251610	6	10	3/4	5/8" x 2 1/2"	1"	3000	BULK	981
W2251411	4	11	5/8	1/2" x 2"	1"	3000	BULK	653
W2251511	5	11	5/8	1/2" x 2 1/2"	1"	3250	BULK	795
W2251611	6	11	3/4	5/8" x 2 1/2"	1"	3000	BULK	1052
W2251412	4	12	5/8	1/2" x 2"	1"	3000	BULK	697
W2251512	5	12	5/8	1/2" x 2 1/2"	1"	3250	BULK	850
W2251612	6	12	3/4	5/8" x 2 1/2"	1"	3000	BULK	1113

! All beam clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: W225143 = STAINLESS STEEL

8

CLAMPS

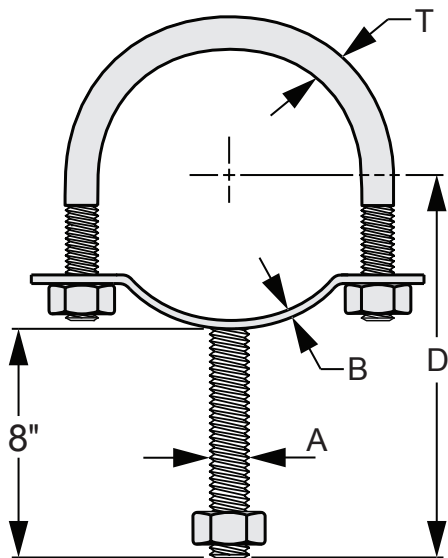
SECTION 3

G-FORCE® SADDLE/SUPPORTS

Pipe saddle supports are constructed with stanchions connected to curved pipe cradles. This cradle supports the pipe by transmitting the load to adjacent structure.

PIPE SADDLE SUPPORT » SERIES W240

PIPE SADDLE


SIZE RANGE:

2" through 12" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specification WW-H-171E (Type 8), also A-A-1192 (Type 8) and Manufacturers Standardization Society SP-69 (Type 8)

FUNCTION:

Recommended for supporting and stabilizing horizontal pipe runs

AVAILABLE IN:

Electro-galvanized

PIPE SADDLE SUPPORT (SERIES W240)

	PART #	PIPE SIZE	ROD SIZE (A)	SIZE (B)	THICKNESS (T)	SIZE (D)	LBS./ 100 PCS.
	W240120	2"	5/8	1/4 X 1	1/4"	9 7/16"	120
	W240124	2 1/2"	5/8	1/4 X 1	3/8"	9 5/8"	140
	W240130	3"	5/8	1/4 X 1	3/8"	10"	160
	W240140	4"	7/8	1/4 X 1 1/4	1/2"	10 1/2"	300
	W240150	5"	7/8	1/4 X 1 1/4	1/2"	11"	320
	W240160	6"	1	1/4 X 1 1/2	5/8"	11 5/8"	490
	W240180	8"	1	1/4 X 1 1/2	5/8"	12 5/8"	620
	W2401100	10"	1 1/4	1/2 X 2	5/8"	13 7/8"	1050
	W2401120	12"	1 1/4	1/2 X 2	5/8"	14 7/8"	1180

! All above saddle supports are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: W240**1**20 = ELECTRO-GALV
2

SERIES W245 « PIPE SADDLE SUPPORT W/STUD

PIPE SADDLE

SIZE RANGE:

2" through 12" pipe size

MATERIAL:

Steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

APPROVALS: :

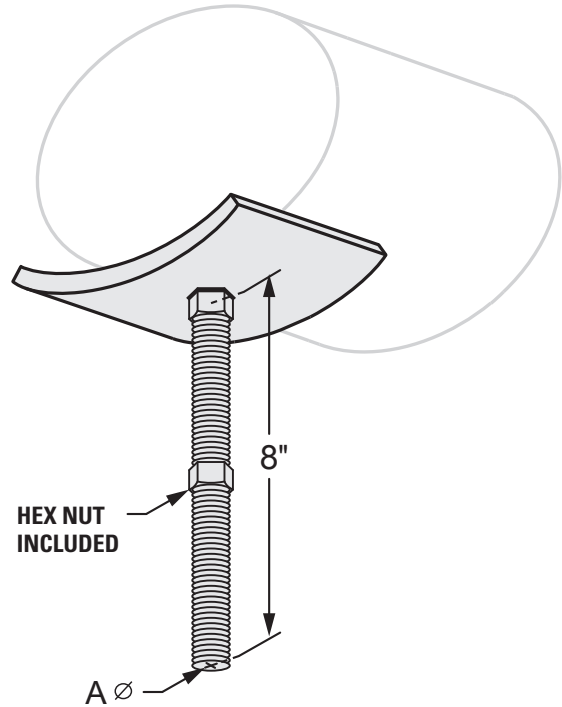
Complies with Federal Specification WW-H-171E & A-A-1192A (Type 39) and Manufacturers Standardization Society MSS SP-69 & SP-58 (Type 38)

FUNCTION:

Designed for support of horizontal pipe from floor stand where vertical adjustment is required. Shank will fit into schedule 40 pipe size and stand 'B'.

AVAILABLE:

Electro-galvanized

SADDLE /
SUPPORTS**PIPE SADDLE SUPPORT W/STUD (SERIES W245)**

	PART #	PIPE SIZE	SIZE (A)	MAX O.D. OF PIPE	SCHEDULED 40 PIPE SIZE	LBS./ 100 PCS.
	W245120	2"	7/8"	2 3/8"	1"	167
	W245124	2 1/2"	7/8"	2 7/8"	1"	171
	W245130	3"	7/8"	3 1/2"	1"	176
	W245134	3 1/2"	1"	4"	1"	345
	W245140	4"	1"	4 1/2"	1"	360
	W245150	5"	1"	5 9/16"	1"	381
	W245160	6"	1 1/4"	6 5/8"	1 1/4"	550
	W245180	8"	1 1/4"	8 5/8"	1 1/4"	700
	W2451100	10"	1 1/2"	10 3/4"	1 1/2"	766
	W2451120	12"	1 1/2"	12 3/4"	1 1/2"	895

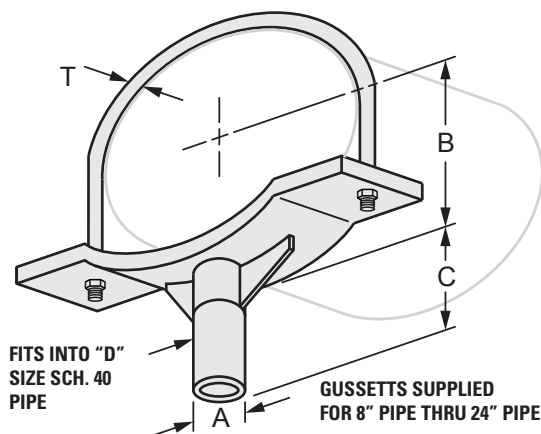
! All above saddle supports are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: **W245120** = ELECTRO-GALV
2

HEAVY DUTY PIPE SADDLE W/U-BOLT >> SERIES W250

PIPE SADDLE

**SIZE RANGE:**

4" through 24" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

FUNCTION:

Recommended for supporting and stabilizing horizontal pipe runs

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

HEAVY DUTY PIPE SADDLE W/U-BOLT (SERIES W250)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	THICKNESS (T)	LBS./ 100 PCS.
	W250140	4"	2 3/8"	3 3/4"	3"	2 1/2"	1/2"	560
	W250150	5"	2 3/8"	4 1/8"	3"	2 1/2"	1/2"	600
	W250160	6"	2 3/8"	4 7/8"	3"	2 1/2"	5/8"	780
	W250180	8"	2 3/8"	6 7/8"	4"	2 1/2"	5/8"	1080
	W2501100	10"	2 3/8"	7 7/8"	4"	2 1/2"	3/4"	1360
	W2501120	12"	2 3/8"	9 1/8"	4"	2 1/2"	7/8"	1720
	W2501140	14"	2 7/8"	10 1/2"	4"	3"	7/8"	2840
	W2501160	16"	2 7/8"	11 1/2"	4"	3"	7/8"	3120
	W2501180	18"	3 3/4"	13 1/2"	4"	4"	1"	4000
	W2501200	20"	3 3/4"	14 1/2"	4"	4"	1"	4260
	W2501240	24"	3 3/4"	17 1/2"	4"	4"	1"	4580

! All above saddle supports are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: W250140 = ELECTRO-GALV

2

ADJUSTABLE PIPE SADDLE SUPPORT W/U-BOLT

SERIES W255 «

PIPE SADDLE

SIZE RANGE:

2 1/2" through 36" pipe size

MATERIAL:

Steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

APPROVALS:

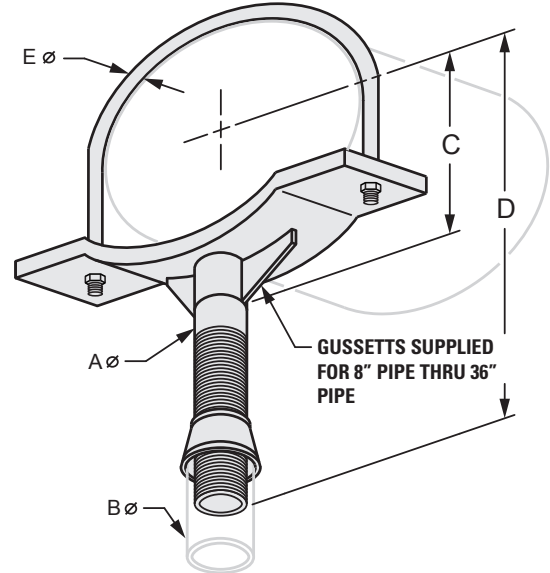
Complies with Federal Specifications A-A-1192 (Type 38) and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 38)

FUNCTION:

Designed to support horizontal pipe. Normally used in conjunction with Series W275 threaded base stand to provide vertical adjustment of the pipe. The U-bolt is used to secure the pipe to the saddle.

AVAILABLE:

Electro-galvanized



ADJUSTABLE PIPE SADDLE SUPPORT W/U-BOLT (SERIES W255)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	ADJUSTMENT (D)		SIZE (F)	LBS./ 100 PCS.
						MIN.	MAX.		
	W255124	2 1/2"	1 1/2"	2 1/2"	3 11/16"	9 7/16"	13 15/16"	1/2"	890
	W255130	3"	1 1/2"	2 1/2"	4"	9 3/4"	14 1/4"	1/2"	905
	W255134	3 1/2"	1 1/2"	2 1/2"	4 1/4"	10"	14 1/2"	1/2"	925
	W255140	4"	2 1/2"	3"	4 1/2"	10 3/4"	15 1/4"	1/2"	1325
	W255150	5"	2 1/2"	3"	5 1/16"	11 5/16"	15 13/16"	1/2"	1345
	W255160	6"	2 1/2"	3"	5 11/16"	11 15/16"	16 7/16"	5/8"	1625
	W255180	8"	2 1/2"	3"	6 11/16"	12 15/16"	17 7/16"	5/8"	1795
	W2551100	10"	2 1/2"	3"	8"	14 1/4"	18 3/4"	3/4"	2255
	W2551120	12"	2 1/2"	3"	9"	15 1/4"	19 3/4"	7/8"	2610
	W2551140	14"	3"	4"	11 3/4"	17 1/2"	22"	7/8"	4165
	W2551160	16"	3"	4"	12 3/4"	18 1/2"	23"	7/8"	4410
	W2551180	18"	4"	6"	15"	20 3/4"	25 1/4"	1"	7090
	W2551200	20"	4"	6"	16"	21 3/4"	26 1/4"	1"	7375
	W2551240	24"	4"	6"	18 1/2"	24 1/4"	28 3/4"	1"	9160
	W2551300	30"	4"	6"	21"	26 3/4"	31 1/4"	1"	10655
	W2551360	36"	4"	6"	24"	29 3/4"	34 1/4"	1"	11250

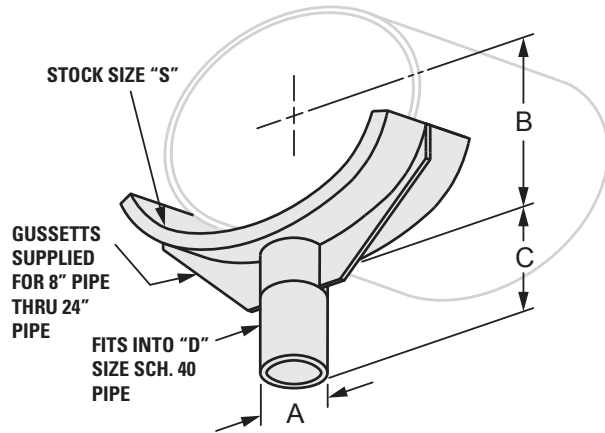
! All beam clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: W255 124 = ELECTRO-GALV
2

HEAVY DUTY PIPE SADDLE » SERIES W260

PIPE SADDLE

**SIZE RANGE:**

4" through 24" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

FUNCTION:

Recommended for supporting horizontal pipe runs

HEAVY DUTY PIPE SADDLE (SERIES W260)

PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (S)	LBS./ 100 PCS.
W260140	4"	2 3/8"	3 3/4"	3"	2 1/2"	3/8" X 4"	400
W260150	5"	2 3/8"	4 1/8"	3"	2 1/2"	3/8" X 4"	460
W260160	6"	2 3/8"	4 7/8"	3"	2 1/2"	3/8" X 4"	490
W260180	8"	2 3/8"	6 7/8"	4"	2 1/2"	3/8" X 4"	760
W2601100	10"	2 3/8"	7 7/8"	4"	2 1/2"	3/8" X 4"	850
W2601120	12"	2 3/8"	9 1/8"	4"	2 1/2"	3/8" X 4"	960
W2601140	14"	2 7/8"	10 1/2"	4"	3"	1/2" X 4"	1450
W2601160	16"	2 7/8"	11 1/2"	4"	3"	1/2" X 4"	1580
W2601180	18"	3 3/4"	13 1/2"	4"	4"	1/2" X 5"	2250
W2601200	20"	3 3/4"	14 1/2"	4"	4"	1/2" X 5"	2400
W2601240	24"	3 3/4"	17 1/2"	4"	4"	1/2" X 5"	3000

SERIES W261 « HEAVY DUTY PIPE SADDLE

PIPE SADDLE

SIZE RANGE:

2 1/2" through 36" pipe size

MATERIAL:

Steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

APPROVALS: :

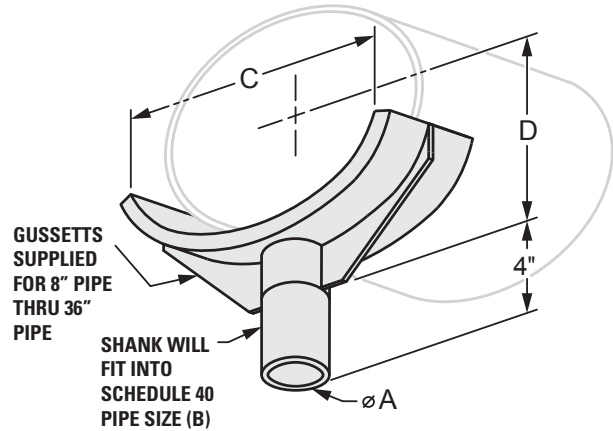
Complies with Federal Specifications A-A-1192A (Type 36) and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 36)

FUNCTION:

Designed to support horizontal pipe running close to the floor. Normally used in conjunction with floor stanchions.

AVAILABLE:

Electro-galvanized, 304 & 316 stainless steel

SADDLE /
SUPPORTS**HEAVY DUTY PIPE SADDLE (SERIES W261)**

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	LBS./ 100 PCS.
	W261124	2 1/2"	1 1/2"	1 1/2"	2 1/2"	3 11/16"	167
	W261130	3"	1 1/2"	1 1/2"	3 1/32"	4"	176
	W261134	3 1/2"	1 1/2"	1 1/2"	3 7/16"	4 1/4"	188
	W261140	4"	2 3/8"	2 1/2"	4 1/4"	4 1/2"	360
	W261150	5"	2 3/8"	2 1/2"	4 13/16"	5 1/16"	381
	W261160	6"	2 3/8"	2 1/2"	6 1/16"	5 11/16"	550
	W261180	8"	2 3/8"	2 1/2"	7 15/16"	6 11/16"	760
	W2611100	10"	2 3/8"	2 1/2"	9 5/8"	7 7/8"	766
	W2611120	12"	2 3/8"	2 1/2"	11 11/16"	8 7/8"	895
	W2611140	14"	2 7/8"	3"	12 1/8"	11 5/8"	1654
	W2611160	16"	2 7/8"	3"	13 7/8"	12 5/8"	1870
	W2611180	18"	4"	4"	15 19/32"	14 3/4"	2798
	W2611200	20"	4"	4"	17 5/16"	15 3/4"	3020
	W2611240	24"	4"	4"	20 25/32"	18"	4146
	W2611300	30"	4"	4"	26"	21"	7624
	W2611360	36"	4"	4"	31 3/16"	24"	8877

! All beam clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

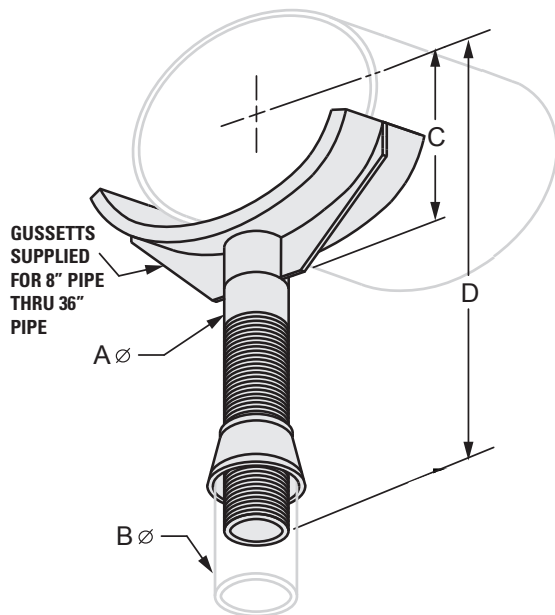
STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W261 124** = ELECTRO-GALV

2

ADJUSTABLE PIPE SADDLE SUPPORT » SERIES W265

PIPE SADDLE

**SIZE RANGE:**

2 1/2" through 36" pipe size

MATERIAL:

Steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specifications A-A-1192 (Type 38) and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 38)

FUNCTION:

Designed to support horizontal pipe. Normally used in conjunction with Series W275 threaded base stand to provide vertical adjustment of the pipe.

AVAILABLE IN:

Electro-galvanized

ADJUSTABLE PIPE SADDLE SUPPORT (SERIES W265)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	ADJUSTMENT (D)		LBS./ 100 PCS.
						MIN.	MAX.	
	W265124	2 1/2"	1 1/2"	2 1/2"	3 11/16"	9 7/16"	13 15/16"	525
	W265130	3"	1 1/2"	2 1/2"	4"	9 3/4"	14 1/4"	550
	W265134	3 1/2"	1 1/2"	2 1/2"	4 1/4"	10"	14 1/2"	550
	W265140	4"	2 1/2"	3"	4 1/2"	10 3/4"	15 1/4"	1060
	W265150	5"	2 1/2"	3"	5 1/16"	11 5/16"	15 13/16"	1081
	W265160	6"	2 1/2"	3"	5 11/16"	11 15/16"	16 7/16"	1234
	W265180	8"	2 1/2"	3"	6 11/16"	12 15/16"	17 7/16"	1500
	W2651100	10"	2 1/2"	3"	7 7/8"	14 1/8"	18 5/8"	1614
	W2651120	12"	2 1/2"	3"	8 7/8"	15 1/8"	19 5/8"	1768
	W2651140	14"	3"	4"	11 5/8"	17 3/8"	21 7/8"	2818
	W2651160	16"	3"	4"	12 5/8"	18 3/8"	22 7/8"	3010
	W2651180	18"	4"	6"	14 3/4"	20 1/2"	25"	4998
	W2651200	20"	4"	6"	15 3/4"	21 1/2"	26"	5200
	W2651240	24"	4"	6"	18"	23 3/4"	28 1/4"	6347
	W2651300	30"	4"	6"	21"	26 3/4"	31 1/4"	9224
	W2651360	36"	4"	6"	24"	29 3/4"	34 1/4"	11077

! All above saddle supports are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: **W265 124 = ELECTRO-GALV**
2

SERIES W270 « PIPE SADDLE SUPPORT W/COUPLING

PIPE SADDLE

SIZE RANGE:

1 1/2" through 12" pipe size

MATERIAL:

Steel

FINISH:

Plain

ORDERING:

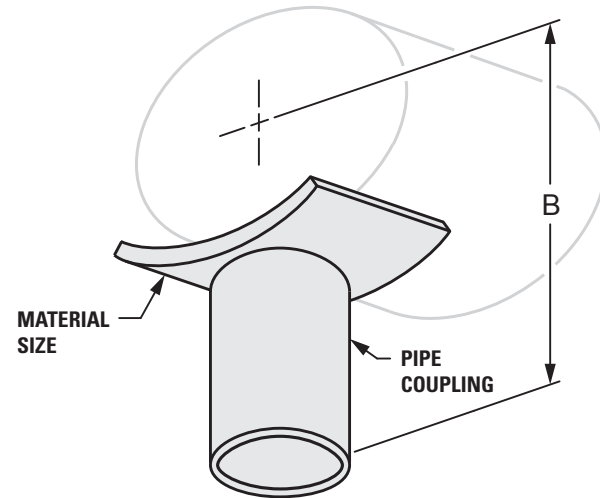
Specify pipe size; finish; and Series #

FUNCTION:

Designed to support horizontal pipe from floor stanchions. Normally used in conjunction with Series W275 threaded base stand.

AVAILABLE:

Electro-galvanized, 304 & 316 stainless steel

**PIPE SADDLE SUPPORT W/COUPLING (SERIES W270)**

	PART #	PIPE SIZE	SIZE (B)	COUPLING PIPE SIZE	LBS./ 100 PCS.
	W270114	1 1/2"	3 1/4"	1 1/4"	85
	W270120	2"	3 5/8"	1 1/4"	112
	W270124	2 1/2"	3 7/8"	1 1/2"	162
	W270130	3"	4 3/16"	1 1/2"	179
	W270134	3 1/2"	4 7/16"	1 1/2"	194
	W270140	4"	4 3/4"	2"	273
	W270150	5"	2"	2"	309
	W270160	6"	2 1/2"	2 1/2"	586
	W270180	8"	2 1/2"	2 1/2"	688
	W2701100	10"	3"	3"	1011
	W2701120	12"	3"	3"	1128

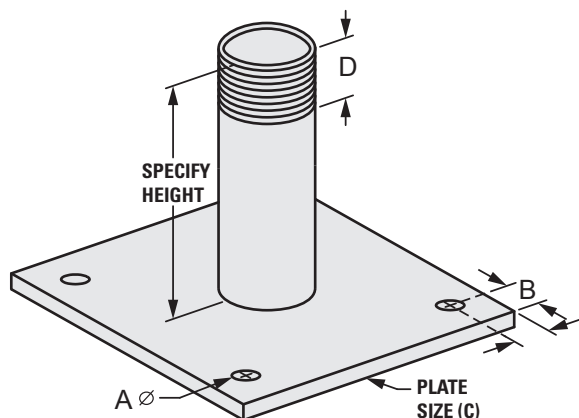
! All beam clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: W270 114 = ELECTRO-GALV
2

THREADED BASE STAND >> SERIES W275

SUPPORTS

**SIZE RANGE:**

1" through 6" pipe size

MATERIAL:

Steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

FUNCTION:

Designed for use as a base stand for pipe supports

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

THREADED BASE STAND (SERIES W275)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	PLATE SIZE (C)	SIZE (D)	LBS./ 100 PCS.
	W275110	1"	9/16"	1"	1/4" X 6" X 6"	1 1/2"	495
	W275112	1 1/4"	9/16"	1"	1/4" X 6" X 6"	1 1/2"	583
	W275114	1 1/2"	9/16"	1"	1/4" X 6" X 6"	1 1/2"	649
	W275120	2"	9/16"	1"	1/4" X 6" X 6"	1 1/2"	785
	W275124	2 1/2"	9/16"	1 1/4"	3/8" X 8" X 8"	1 1/2"	1524
	W275130	3"	13/16"	1 1/2"	3/8" X 12" X 12"	1 1/2"	2624
	W275140	4"	15/16"	1 1/2"	1/2" X 12" X 12"	2"	3594
	W275160	6"	1 1/8"	1 1/2"	1/2" X 18" X 18"	2"	7346

NOTE: *Weight is based on a height of 18".

! All above pipe stands are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: W275 110 = ELECTRO-GALV
2

SERIES W276 « PIPE SUPPORT ADJUSTER

SUPPORTS

SIZE RANGE:

1 1/2" through 4" adjuster size

MATERIAL:

Steel pipe with malleable iron reducer

FINISH:

Plain

ORDERING:

Specify adjuster size; finish; and Series #

APPROVALS:

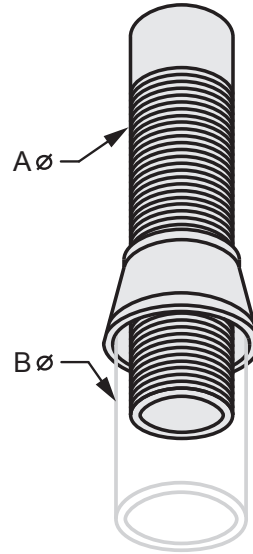
Complies with Federal Specifications A-A-1192 (Type 38) and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 38) when used with Series W261

FUNCTION:

Designed to provide up to 4 1/2" of vertical adjustment after installation. Normally used in conjunction with Series W275 threaded base stand, Series W261 pipe saddle support or Series W255 saddle support with U-bolt.

AVAILABLE:

Electro-galvanized

**PIPE SUPPORT ADJUSTER (SERIES W276)**

	PART #	ADJUSTER SIZE	FOR PIPE SIZES	SIZE (A)	SIZE (B)	ADJUSTMENT MAX.	LBS./ 100 PCS.
	W276114	1 1/2"	2 1/2" to 3 1/2"	1 1/2"	2 1/2"	4 1/2"	405
	W276124	2 1/2"	4" to 12"	2 1/2"	3"	4 1/2"	830
	W276130	3 1/2"	14" to 16"	3"	4"	4 1/2"	1260
	W276140	4"	18" to 26"	4"	6"	4 1/2"	2260

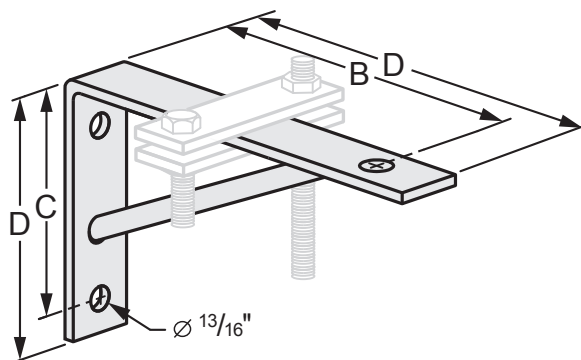
! All above pipe supports are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: W276 1 1/2 2 = ELECTRO-GALV

LIGHT DUTY WALL BRACKET » SERIES W280

SUPPORTS

**SIZE RANGE:**

9", 13" or 19" size

MATERIAL:

Low carbon steel

FINISH:

Plain

APPROVALS:

Complies with Federal Specifications A-A-1192 (Type 31) and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 31)

FUNCTION:

Designed to suspend hanger rod for supporting light loads under 750lbs. Normally used in conjunction with Series W281 wall bracket clip.

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

LIGHT DUTY WALL BRACKET (SERIES W280)

	PART #	SIZE (B)	SIZE (C)	SIZE (D)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./100 PCS.
	W280190	8"	6 1/2"	9"	750	600
	W2801130	12"	10 1/2"	13"	750	870
	W2801190	18"	16 1/2"	19"	750	1060

! All wall brackets are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: W280190 = ELECTRO-GALV

2

SERIES W281 « WALL BRACKET CLIP

SUPPORTS

SIZE RANGE:

3/8" or 1/2" rod size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

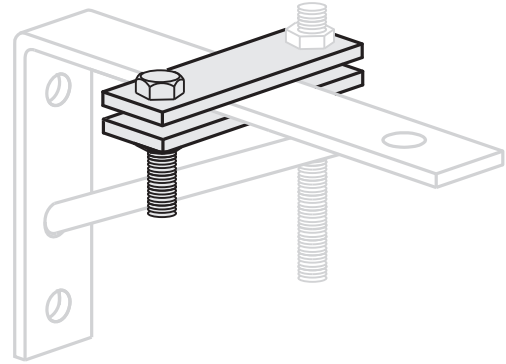
Specify rod size; finish; and Series #

FUNCTION:

Designed for use in conjunction with Series W280 wall bracket, to allow the rod to be suspended at any point along the length of the bracket

AVAILABLE:

Electro-galvanized, 304 & 316 stainless steel

SADDLE /
SUPPORTS**WALL BRACKET CLIP (SERIES W281)**

	PART #	ROD SIZE	FOR PIPE SIZES	LBS./ 100 PCS.
	W281103	3/8"	1/2" to 2"	73
	W281104	1/2"	2 1/2" to 3 1/2"	144

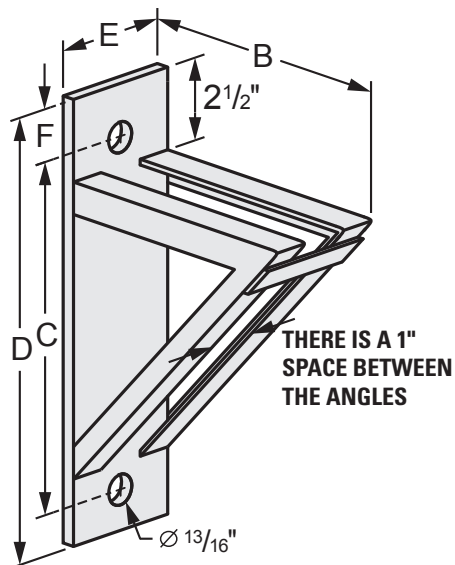
! All wall brackets clips are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W281103** = ELECTRO-GALV
2

MEDIUM DUTY WALL BRACKET » SERIES W290

SUPPORTS

**SIZE RANGE:**

12", 18" or 24" bracket size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify size; finish; and Series #

APPROVALS:

Complies with Federal Specifications A-A-1192A (Type 32) and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 32)

FUNCTION:

Designed for the suspension of loads up to 1500 lbs from walls or structures. The 1" space between the angles allows the rod to be placed anywhere along the length of the brackets.

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

MEDIUM DUTY WALL BRACKET (SERIES W290)

	PART #	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	ANGLE IRON SIZE	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./100 PCS.
	W2901120	12"	15 1/2"	18"	4"	1 1/4"	1 1/2" X 1 1/2" X 3/16"	1500	1740
	W2901180	18"	21 1/2"	24"	4 1/2"	1 1/4"	1 3/4" X 1 3/4" X 3/16"	1500	2730
	W2901240	24"	27 1/2"	30"	5"	1 1/4"	2" X 2" X 1/4"	1500	4760

! All above wall brackets are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: W290.1120 = ELECTRO-GALV

2

SERIES W291 « HEAVY DUTY WALL BRACKET

SUPPORTS

SIZE RANGE:

12" through 42" bracket size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify size; finish; and Series #

APPROVALS:

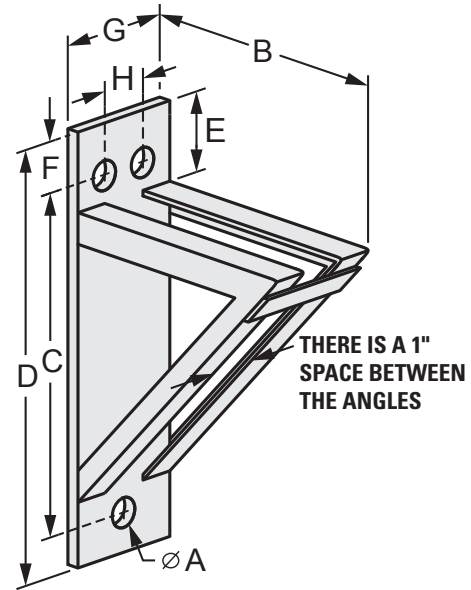
Complies with Federal Specifications A-A-1192A (Type 33) and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 33)

FUNCTION:

Designed for the support or suspension of loads up to 3000 lbs from walls or structures. The 1" space between the angles allows the rod to be placed anywhere along the length of the brackets.

AVAILABLE:

Electro-galvanized, 304 & 316 stainless steel

SADDLE /
SUPPORTS**HEAVY DUTY WALL BRACKET (SERIES W291)**

	PART #	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (G)	SIZE (H)	ANGLE IRON SIZE	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
	W2901120	13/16"	12"	15 1/4"	46"	2 3/4"	1 1/2"	4"	*	2" X 1 1/2" X 1/4"	3000	2433
	W2901180	15/16"	18"	21 3/8"	24"	2 3/4"	1 3/8"	5"	2 3/4"	2" X 2" X 1/4"	3000	5180
	W2901240	1 1/16"	24"	27 1/2"	30"	2 3/4"	1 1/4"	5"	2 1/2"	2 1/2" X 2" X 5/16"	3000	6584
	W2911300	1 1/16"	30"	33 1/4"	36"	3"	1 1/2"	5"	2 1/2"	2 1/2" X 2" X 5/16"	3000	8210
	W2911360	1 1/16"	36"	39"	42"	3"	1 1/2"	6"	3 1/2"	3 1/2" X 2 1/2" X 3/8"	3000	1405.2
	W2911420	1 1/16"	42"	46"	50"	3 1/2"	2"	6"	3 1/2"	3 1/2" X 2 1/2" X 3/8"	3000	1664.0

NOTE: *One hole.

! All above wall brackets are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: W2911120 = ELECTRO-GALV
2

[illegible]

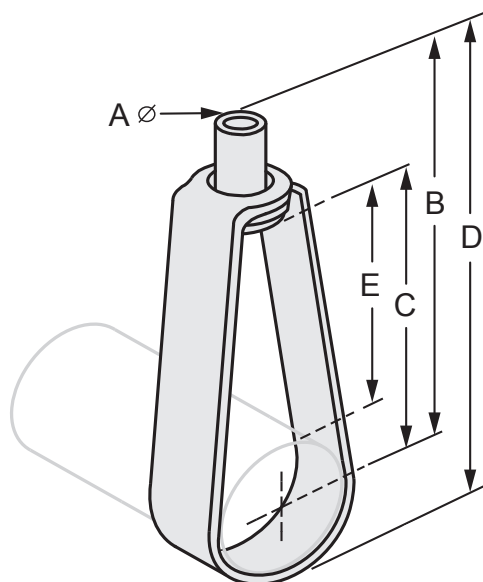
SECTION 4

G-FORCE® SWIVEL HANGERS

Swivel hangers are used to suspend non-insulated stationary tubing & pipe line.

IRON PIPE SWIVEL RING » SERIES W300-W302

IRON PIPE SWIVEL RING


SIZE RANGE:

1/2" through 8" pipe size

MATERIAL:

Pre-galvanized carbon steel with a zinc electroplate insert nut

FINISH:

Pre-galvanized

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

UL Listing and FM Approved. Complies with Federal Specification WW-H-171E (Type 10) and A-A-1192A (Type 10) and Manufacturers Standardization Society SP-69 (Type 10) and NFPA standards for reduced rod sizes

FUNCTION:

Designed and recommended for suspension of non-insulated stationary pipe lines. The hanger may be installed prior to the erection of piping and also allows for vertical adjustment after installation.

SERIES W300-W302 « IRON PIPE SWIVEL RING

IRON PIPE SWIVEL RING

IRON PIPE SWIVEL RING (SERIES W300-W302)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W300404	1/2"	3/8"	2 1/2"	1 1/2"	3"	1 1/8"	400	100	8
	W300406	3/4"	3/8"	2 5/8"	1 3/4"	3 1/8"	1 1/8"	400	100	9
	W300410	1"	3/8"	2 3/4"	1 7/8"	3 3/8"	1 1/8"	400	100	10
	W300412	1 1/4"	3/8"	2 7/8"	2 1/8"	3 3/4"	1 1/8"	400	100	11
	W300414	1 1/2"	3/8"	3"	2 1/4"	4"	1 1/8"	400	100	13
	W300420	2"	3/8"	3 3/8"	2 1/2"	4 5/8"	1 1/8"	400	100	14
	W300424	2 1/2"	3/8"	4"	3 1/8"	5 1/2"	1 3/8"	600	50	30
	W300430	3"	3/8"	4 5/8"	3 5/8"	6 3/8"	1 5/8"	600	50	32
	W300434	3 1/2"	3/8"	5"	4"	7"	1 3/4"	600	50	36
	W300440	4"	3/8"	5 1/4"	4 1/8"	7 1/2"	1 5/8"	1000	25	44
	W300450	5"	1/2"	6"	5"	8 3/4"	1 7/8"	1000	20	56
	W300460	6"	1/2"	7"	6"	10 3/8"	2 1/8"	1250	20	116
	W300480	8"	1/2"	8 1/4"	7 1/8"	12 5/8"	2 3/8"	1250	10	150

NOTE: *Can order this part with a washer up to 3/8" size (A). Cut off is 2" for the washer. Series W301 is with a clear washer. Series W302 is with a blue washer.

! All above pipe swivel rings are pre-galv. To order other finishes, change the 5th character in the part # as seen below:

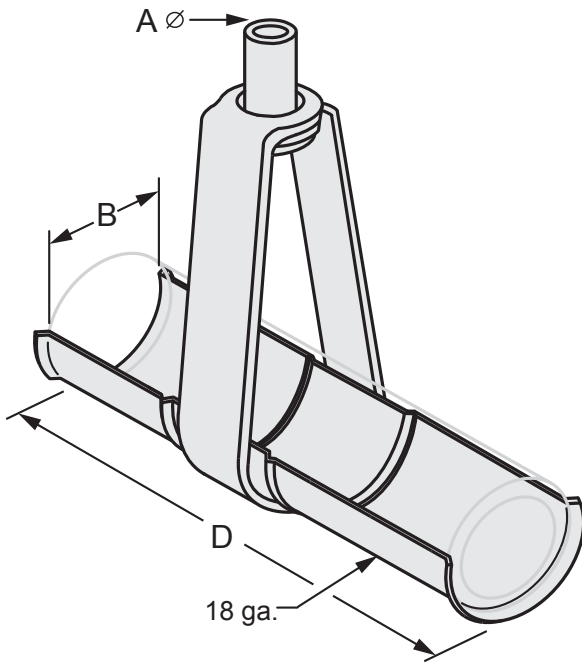
PRE GALVANIZED WITH FELT LINING = 12

Example: **W300 104** = PRE GALV W/FELT

12

IRON PIPE SWIVEL RING HANGER W/SECURED INSULATION SHIELD » SERIES W303

IRON PIPE SWIVEL RING


SIZE RANGE:

3/8" through 3/4" rod size

MATERIAL:

Low carbon steel

FINISH:

Pre-galvanized

ORDERING:

Specify rod size; inside shield diameter; and Series #

FUNCTION:

Designed for suspension of insulated pipe lines. Series W303 is a combination of our Series W561 shield welded to a Series W305 hanger, which ensures that the shield will be installed in conjunction with the hanger. Series W303 allows vertical adjustments after installation and offers maximum protection from crushing of the insulation by the hanger.

AVAILABLE IN:

304 & 316 stainless steel

IRON PIPE SWIVEL RING HANGER W/SECURED SERIES W303 « INSULATION SHIELD

IRON PIPE SWIVEL RING

IRON PIPE SWIVEL RING HANGER W/SECURED INSULATION SHIELD (SERIES W303)

	PART #	INSIDE DIAMETER OF SHIELD (B)	ROD SIZE (A)	SHIELD LENGTH (D)	HANGER SIZE	LBS./ IN.
	W303423	2 3/8"	3/8"	8"	2"	.55
	W303425	2 5/8"	1/2"	8"	2 1/2"	.80
	W303427	2 7/8"	1/2"	8"	2 1/2"	.84
	W303434	3 1/2"	1/2"	8"	3"	.99
	W303440	4"	1/2"	8"	3 1/2"	1.12
	W303444	4 1/2"	5/8"	8"	4"	1.26
	W303450	5"	5/8"	8"	5"	1.58
	W303455	5 5/8"	5/8"	8"	5"	1.70
	W303460	6"	3/4"	8"	6"	2.20
	W303465	6 5/8"	3/4"	8"	6"	2.35
	W303475	7 5/8"	3/4"	12"	8"	3.40
	W303485	8 5/8"	3/4"	12"	8"	3.67

NOTE: *All shields furnished with flared ends.

! Above pipe swivel rings are pre-galvanized. To order other finishes, change the 5th character in the part # as seen below:

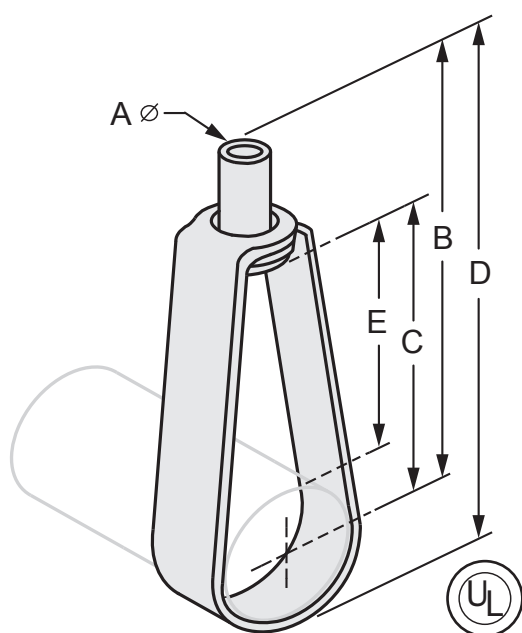
STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W303 4 23** = STAINLESS STEEL (304)

8

IRON PIPE SWIVEL RING » SERIES W305-W307

IRON PIPE SWIVEL RING


SIZE RANGE:

2 1/2" through 8" pipe size

MATERIAL:

Pre-galvanized carbon steel with a zinc electroplate insert nut

FINISH:

Pre-galvanized

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

UL Listing. Complies with Federal Specification A-A-1192A (Type10), and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 10).

FUNCTION:

Designed and recommended for suspension of non-insulated stationary pipe lines. The hanger may be installed prior to the erection of piping and also allows for vertical adjustment after installation.

SERIES W305-W307 « IRON PIPE SWIVEL RING

IRON PIPE SWIVEL RING

IRON PIPE SWIVEL RING (SERIES W305-W307)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W305424	2 1/2"	1/2"	3 7/8"	3 1/8"	5 3/8"	1 3/8"	600	50	24
	W305430	3"	1/2"	4 1/2"	3 5/8"	6 1/4"	1 5/8"	600	50	28
	W305434	3 1/2"	1/2"	4 7/8"	4"	6 7/8"	1 3/4"	600	50	32
	W305440	4"	5/8"	5"	4 1/8"	7 1/4"	1 5/8"	1000	25	32
	W305450	5"	5/8"	5 3/4"	4 1/4"	8 1/2"	1 7/8"	1000	20	62
	W305460	6"	3/4"	6 3/4"	5 1/8"	10 1/8"	2 1/8"	1250	20	65
	W305480	8"	3/4"	7 7/8"	7"	12 1/4"	2 3/8"	1250	10	100

NOTE: *Can order this part with a washer up to 3/8" size (A). Cut off is 4" for the washer. Series W306 is with a clear washer. Series W307 is with a blue washer.

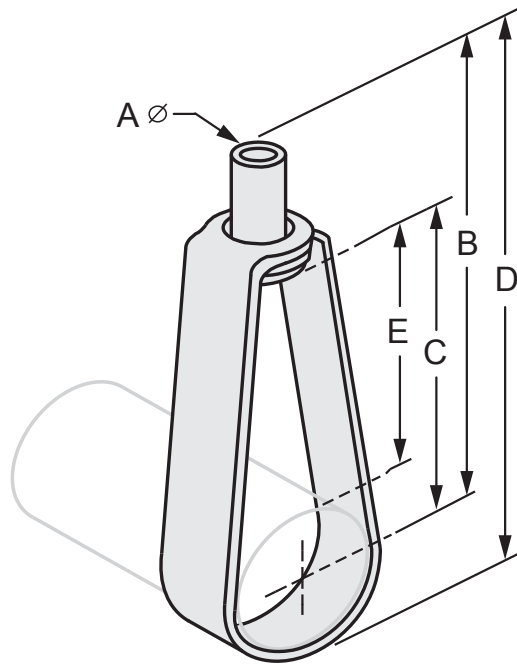
! All above pipe swivel rings are pre-galv. To order other finishes, change the 5th character in the part # as seen below:

PRE GALVANIZED WITH FELT LINING = 12

Example: W305 ~~4~~ 24 = PRE GALV W/FELT
12

COPPER TUBING SWIVEL RING » SERIES W310

COPPER TUBING SWIVEL RING

**SIZE RANGE:**

1/2" through 6" pipe size

MATERIAL:

Carbon steel

FINISH:

Copper plated

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specification WW-H-171E (Type 10) and A-A-1192A (Type 10) and Manufacturers Standardization Society SP-69 (Type 10)

FUNCTION:

Designed and recommended for suspension of copper tubing stationary pipe lines allowing for vertical adjustment after installation

SERIES W310 « COPPER TUBING SWIVEL RING

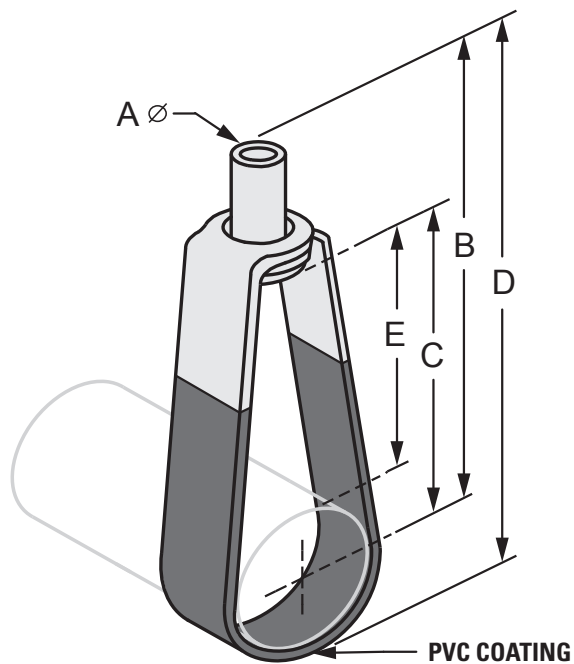
COPPER TUBING SWIVEL RING

COPPER TUBING SWIVEL RING (SERIES W310)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./100 PCS.
	W310304	1/2"	3/8"	2 3/4"	1 1/2"	3"	15/8"	400	100	9
	W310306	3/4"	3/8"	2 3/4"	1 1/2"	3"	13/8"	400	100	9
	W310310	1"	3/8"	2 1/2"	1 3/4"	3 1/4"	13/8"	400	100	10
	W310312	1 1/4"	3/8"	2 5/8"	1 7/8"	3 3/8"	1"	400	100	11
	W310314	1 1/2"	3/8"	2 3/4"	2 1/8"	4 3/4"	1 1/8"	400	100	12
	W310320	2"	3/8"	3 1/8"	2 1/4"	4 1/8"	1 1/8"	400	100	14
	W310324	2 1/2"	3/8"	3 1/2"	2 1/2"	4 3/4"	13/8"	600	50	30
	W310330	3"	3/8"	3 7/8"	3 1/8"	5 3/8"	13/8"	600	50	32
	W310340	4"	3/8"	4 1/8"	4"	7"	1 1/8"	1000	25	44
	W310350	5"	5/8"	5 5/8"	4 1/8"	8 1/8"	1 1/4"	1000	20	66
	W310360	6"	5/8"	7 5/8"	5"	10 3/4"	1 3/4"	1250	20	116

IRON PIPE SWIVEL RING-PVC COATED » SERIES W320

IRON PIPE SWIVEL RING

**SIZE RANGE:**

1/2" through 8" pipe size

MATERIAL:

Pre-galvanized carbon steel with a zinc electroplate insert nut

FINISH:

Pre-galvanized

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specification WW-H-171E (Type 10) and A-A-1192A (Type 10) and Manufacturers Standardization Society SP-69 (Type 10) and NFPA standards for reduced rod sizes

FUNCTION:

Designed and recommended for suspension of non-insulated stationary pipe lines. The hanger may be installed prior to the erection of piping and also allows for vertical adjustment after installation.

IRON PIPE SWIVEL RING – PVC COATED (SERIES W320)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W320504	1/2"	3/8"	2 1/2"	1 1/2"	3"	1 1/8"	400	100	8
	W320506	3/4"	3/8"	2 5/8"	1 3/4"	3 1/8"	1 1/8"	400	100	9
	W320510	1"	3/8"	2 3/4"	1 7/8"	3 3/8"	1 1/8"	400	100	10
	W320512	1 1/4"	3/8"	2 7/8"	2 1/8"	3 3/4"	1 1/8"	400	100	11
	W320514	1 1/2"	3/8"	3"	2 1/4"	4"	1 1/8"	400	100	13
	W320520	2"	3/8"	3 3/8"	2 1/2"	4 5/8"	1 1/8"	400	100	14
	W320524	2 1/2"	1/2"	4"	3 1/8"	5 1/2"	1 3/8"	600	50	30
	W320530	3"	1/2"	4 5/8"	3 5/8"	6 3/8"	1 5/8"	600	50	32
	W320534	3 1/2"	1/2"	5"	4"	7"	1 3/4"	600	50	36
	W320540	4"	5/8"	5 1/4"	4 1/8"	7 1/2"	1 5/8"	1000	25	44
	W320550	5"	5/8"	6"	5"	8 3/4"	1 7/8"	1000	20	56
	W320560	6"	3/4"	7"	6"	10 3/8"	2 1/8"	1250	20	116
	W320580	8"	3/4"	8 1/4"	7 1/8"	12 5/8"	2 3/8"	1250	10	150

SERIES W325 « COPPER TUBING SWIVEL RING-PVC COATED

COPPER TUBING SWIVEL RING

SIZE RANGE:

1/2" through 6" pipe size

MATERIAL:

Carbon steel

FINISH:

Copper plated

ORDERING:

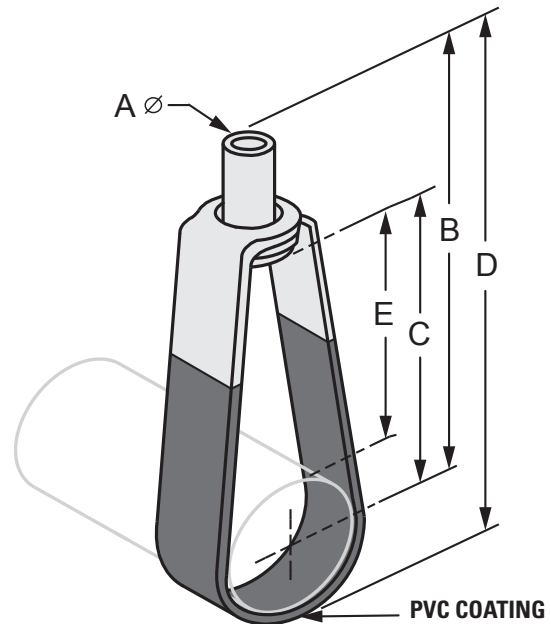
Specify rod size; pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specification WW-H-171E (Type 10) and A-A-1192A (Type 10) and Manufacturers Standardization Society SP-69 (Type 10)

FUNCTION:

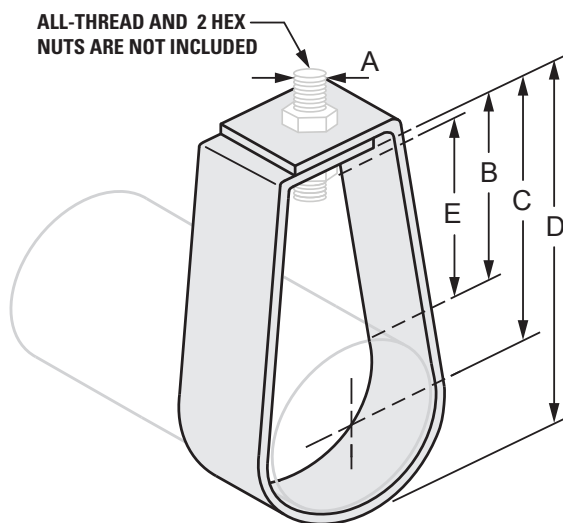
Designed and recommended for suspension of copper tubing stationary pipe lines allowing for vertical adjustment

**COPPER TUBING SWIVEL RING – PVC COATED (SERIES W325)**

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W325504	1/2"	3/8"	2 3/4"	1 1/2"	3"	15 5/8"	400	100	9
	W325506	3/4"	3/8"	2 3/4"	1 1/2"	3"	13 3/8"	400	100	9
	W325510	1"	3/8"	2 1/2"	1 3/4"	3"	13 3/8"	400	100	10
	W325512	1 1/4"	3/8"	2 5/8"	1 7/8"	3 1/4"	1"	400	100	11
	W325514	1 1/2"	3/8"	2 3/4"	2 1/8"	3 3/4"	11 1/8"	400	100	12
	W325520	2"	3/8"	3 1/8"	2 1/4"	4 1/8"	11 1/8"	400	100	14
	W325524	2 1/2"	1/2"	3 1/2"	2 1/2"	4 3/4"	13 3/8"	600	50	30
	W325530	3"	1/2"	3 7/8"	3 1/8"	5 3/8"	13 3/8"	600	50	32
	W325540	4"	5/8"	4 1/8"	4"	6 1/4"	11 1/8"	1000	25	44
	W325550	5"	5/8"	5 5/8"	4 1/8"	8 1/8"	11 1/4"	1000	20	66
	W325560	6"	3/4"	7 5/8"	5"	10 3/4"	13 3/4"	1250	20	116

STAINLESS STEEL BAND HANGER » SERIES W330

BAND HANGER

**SIZE RANGE:**

1/2" through 8" pipe size

MATERIAL:

Stainless steel

FINISH:

Stainless steel 304 or stainless steel 316

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specification WW-H-171E (Type 7) and A-A-1192A (Type 10) and Manufacturers Standardization Society SP-69 (Type 7)

FUNCTION:

This hanger is formed in one piece giving a double thickness of stock at the point which carries the load. It has a vertical adjustment of 5/8" to 2" by means of a suspended steel rod threaded and two nuts. The lower nut adjusts the pipe line to the proper pitch and the top nut due to vibration. The nuts are not included in the price of the hanger.

AVAILABLE IN:

Plain felt lined, electro-galvanized, plain with PVC coating

STAINLESS STEEL BAND HANGER (SERIES W330)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W330804	1/2"	3/8"	1 1/8"	1 5/8"	2"	13/16"	610	BULK	10
	W330806	3/4"	3/8"	1 1/8"	1 5/8"	2 1/8"	13/16"	610	BULK	12
	W330810	1"	3/8"	1 1/4"	2"	2 5/8"	1"	610	BULK	14
	W330812	1 1/4"	3/8"	1 3/8"	2 1/8"	3"	1"	610	BULK	16
	W330814	1 1/2"	3/8"	1 1/2"	2 1/2"	3 3/8"	1 1/4"	610	BULK	17
	W330820	2"	3/8"	1 3/4"	3"	4 1/8"	1 1/2"	610	BULK	32
	W330824	2 1/2"	1/2"	1 5/8"	3"	4 1/2"	1 1/8"	970	BULK	36
	W330830	3"	1/2"	1 1/2"	2"	2 5/8"	1"	970	BULK	57
	W330840	4"	5/8"	1 1/2"	2 1/8"	3"	1"	970	BULK	68
	W330850	5"	5/8"	2 1/8"	2 1/2"	3 3/8"	1 1/4"	970	BULK	82
	W330860	6"	3/4"	2 3/8"	3"	4 1/8"	1 1/2"	1250	BULK	120
	W330880	8"	3/4"	2 3/8"	3"	4 1/2"	1 1/8"	1800	BULK	220

! All above band hangers are 304 stainless. To order other finishes, change the 5th character in the part # as seen below:

PLAIN W/FELT LINING = 13 PLAIN W/PVC COATING = 5 ELECTRO-GALVANIZED = 2

Example: W3301804 = ELECTRO-GALV

2

SERIES W340 « CONDUIT J-TYPE HANGER

J-TYPE HANGER

SIZE RANGE:

1/2" through 8" pipe size

MATERIAL:

Carbon steel

FINISH:

Electro-galvanized

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

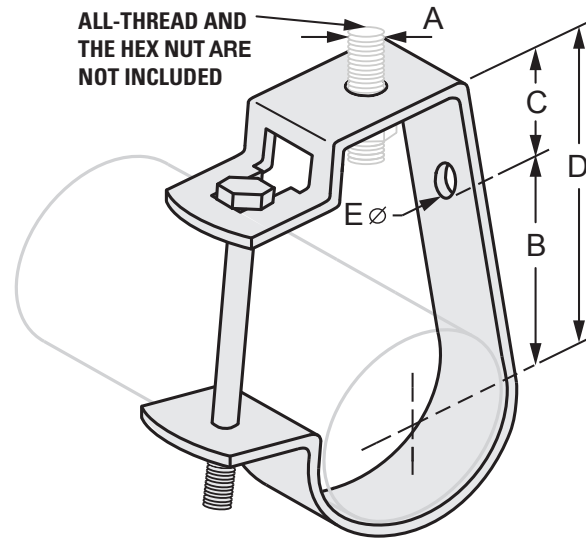
Complies with Federal Specification and A-A-1192A (Type 5) and Manufacturers Standardization Society SP-69 (Type 5)

FUNCTION:

Recommended for the suspension of non-insulated stationary pipe lines. The "T" slot in the hanger permits the side bolt to be installed after installation and setting of pipe. The side hole permits optional wall mounting.

AVAILABLE IN:

Electro-galvanized with felt lining, electro-galvanized with PVC coating

SWIVEL
HANGERS**CONDUIT J-TYPE HANGER (SERIES W340)**

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W340204	1/2"	3/8"	2"	1"	2 5/8"	13/32"	400	100	20
	W340206	3/4"	3/8"	2 1/4"	1"	2 7/8"	13/32"	400	100	23
	W340210	1"	3/8"	2 3/8"	1"	3"	13/32"	400	100	24
	W340212	1 1/4"	3/8"	2 1/2"	1"	3 1/4"	13/32"	400	100	27
	W340214	1 1/2"	3/8"	2 5/8"	1"	3 1/2"	13/32"	400	100	29
	W340220	2"	3/8"	2 5/8"	1 1/8"	3 3/4"	13/32"	400	100	32
	W340224	2 1/2"	1/2"	3 5/8"	1 1/8"	4 3/8"	9/16"	800	50	71
	W340230	3"	1/2"	4"	1 1/8"	2 7/8"	9/16"	800	50	77
	W340230	3 1/2"	1/2"	4 1/4"	1 1/8"	5 1/8"	9/16"	800	50	84
	W340240	4"	5/8"	5 1/8"	1 1/8"	6 1/8"	9/16"	800	25	139
	W340250	5"	5/8"	5 3/4"	1 1/8"	6 3/4"	9/16"	800	20	166
	W340260	6"	3/4"	6 1/2"	1 1/4"	7 3/4"	9/16"	1000	20	226
	W340280	8"	7/8"	8"	1 1/4"	9 1/4"	9/16"	1000	10	332

! All above j-type hangers are electro-galv. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED W/FELT LINING = 14 ELECTRO-GALVANIZED W/PVC COATING = 15

Example: **W340204** = ELECTRO-GALV W/FELT

14

NOTES:

SWIVEL
HANGERS

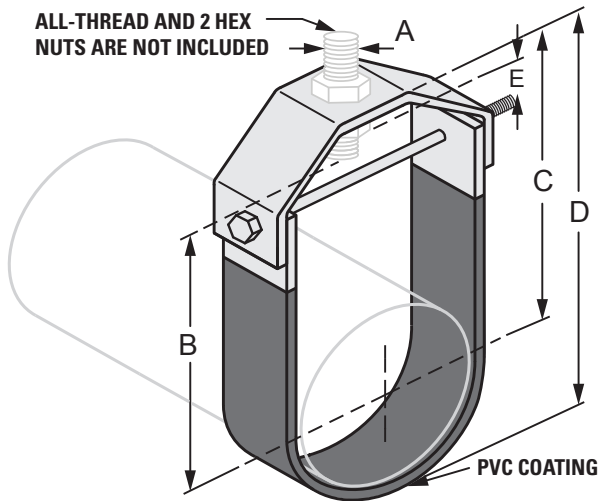
SECTION 5

G-FORCE® CLEVIS HANGERS

Pipe supports for insulated or non-insulated pipe lines.
Designed to secure hanging or elevated pipe runs.
Typical clevis hanger has a swivel yoke and joins two clevises;
one V-shaped and one U-shaped. The 'V' attaches to the
ceiling/ support rod, & the 'U' securely holds the pipe.

STANDARD CLEVIS HANGER-PVC COATED » SERIES W400

STANDARD CLEVIS

**SIZE RANGE:**

1/2" through 36" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specification and WW-H-171E (Type 1) and Manufacturers Standardization Society ANSI/MSS-58 (Type 1)

FUNCTION:

Recommended for the suspension of non-insulated stationary pipe lines

AVAILABLE IN:

Electro-Galvanized, hot-dipped galvanized or 304 stainless steel

SERIES W400 « STANDARD CLEVIS HANGER-PVC COATED

STANDARD CLEVIS

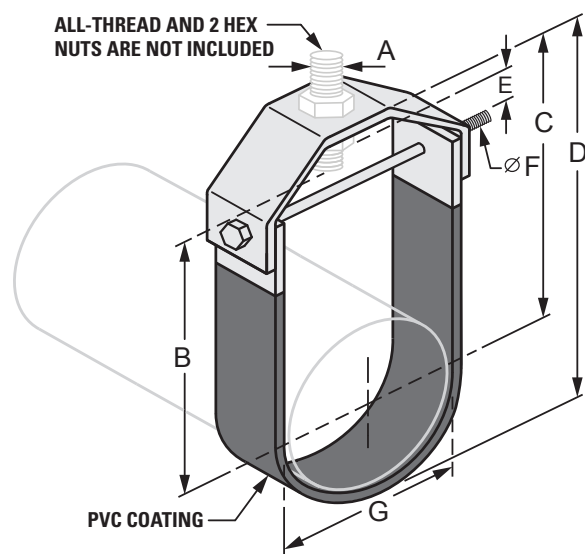
STANDARD CLEVIS HANGER – PVC COATED (SERIES W400)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./100 PCS.
	W400504	1/2"	3/8"	1/2"	2 1/4"	3 1/8"	1 1/8"	400	100	37
	W400506	3/4"	3/8"	5/8"	2 1/4"	3 1/8"	1 1/8"	400	100	38
	W400510	1"	3/8"	3/4"	2 1/4"	3 1/8"	1 1/8"	400	100	39
	W400512	1 1/4"	3/8"	2"	2 5/8"	3 1/2"	1 1/8"	400	100	40
	W400514	1 1/2"	3/8"	2 1/16"	3"	3 3/4"	1 1/8"	400	100	44
	W400520	2"	3/8"	2 5/16"	3 1/8"	4 1/4"	15/16"	400	100	52
	W400524	2 1/2"	1/2"	2 3/8"	3 1/8"	4 5/8"	3/4"	800	50	108
	W400530	3"	1/2"	2 7/8"	3 5/8"	5 1/2"	1"	800	50	120
	W400534	3 1/2"	1/2"	3 3/8"	4 1/8"	6 1/4"	1 1/8"	800	50	128
	W400540	4"	5/8"	3 5/8"	5 1/8"	7 3/8"	1 1/8"	800	25	184
	W400550	5"	5/8"	4 1/4"	5 3/4"	8 5/8"	1 1/4"	800	20	205
	W400560	6"	5/8"	5 1/4"	7 1/4"	10 1/2"	1 1/2"	1000	20	310
	W400580	8"	5/8"	6 5/8"	8"	12 3/8"	2"	1200	10	440
	W4005100	10"	5/8"	8 3/8"	9 7/8"	15 1/4"	2 1/4"	3600	BULK	860
	W4005120	12"	5/8"	9 3/4"	11 3/4"	17 1/2"	2 5/8"	3800	BULK	1040
	W4005140	14"	5/8"	10 9/16"	12 1/2"	19 1/2"	2 1/2"	4200	BULK	1480
	W4005160	16"	5/8"	11 15/16"	14"	22"	2 3/4"	4600	BULK	2100
	W4005180	18"	5/8"	13 7/8"	16"	25"	3 3/4"	4800	BULK	2440
	W4005200	20"	5/8"	15 1/8"	17 1/2"	27 1/2"	3 3/4"	4800	BULK	4260
	W4005240	24"	5/8"	17 3/8"	19 3/4"	31 3/4"	4"	4800	BULK	4840
	W4005360	36"	5/8"	21 1/2"	24 1/8"	39 1/8"	4 3/4"	6000	BULK	6950

! All above clevis hangers are plain steel & PVC coated. To order other finishes, change the 5th character in the part # as seen below:
STAINLESS STEEL (304) = 8 HOT-DIP GALVANIZED = 9 ELECTRO-GALVANIZED = 2
 Example: **W400504** = HOT-DIP GALV
9

COPPER CLEVIS HANGER-PVC COATED » SERIES W405

COPPER CLEVIS

**SIZE RANGE:**

1/2" through 4" pipe size

MATERIAL:

Carbon steel

FINISH:

Copper plated

ORDERING:

Specify rod size; pipe size; finish; and Series #

FUNCTION:

Recommended for the suspension of copper tubing stationary pipe lines allowing for vertical adjustment

COPPER CLEVIS HANGER – PVC COATED (SERIES W405)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (G)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W405504	1/2"	3/8"	1 1/2"	2 1/2"	2 7/8"	13/16"	1/4"	1 1/16"	150	100	22
	W405506	3/4"	3/8"	1 5/8"	2 5/8"	3 1/8"	13/16"	1/4"	3/4"	150	100	20
	W405510	1"	3/8"	1 3/4"	2 3/4"	3 1/8"	13/16"	1/4"	1 1/4"	250	100	20
	W405512	1 1/4"	3/8"	1 7/8"	2 7/8"	3 1/2"	13/16"	1/4"	1 1/2"	250	100	22
	W405514	1 1/2"	3/8"	2"	3"	3 3/4"	13/16"	1/4"	1 3/4"	250	100	18
	W405520	2"	3/8"	1 3/8"	3 3/8"	4 1/4"	13/16"	1/4"	2 3/8"	250	100	24
	W405524	2 1/2"	1/2"	3"	4"	4 5/8"	13/4"	1/4"	2 3/4"	350	50	28
	W405530	3"	1/2"	3 5/8"	4 5/8"	5 1/2"	13/4"	3/8"	3 3/8"	350	BULK	70
	W405534	3 1/2"	1/2"	4"	5"	6 1/4"	13/4"	3/8"	4"	350	BULK	84
	W405540	4"	5/8"	4 1/4"	5 1/4"	7 3/8"	13/4"	3/8"	4 1/2"	400	BULK	90

SERIES W410 « STANDARD DUTY CLEVIS HANGER

STANDARD DUTY CLEVIS

SIZE RANGE:

1 1/4" through 36" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

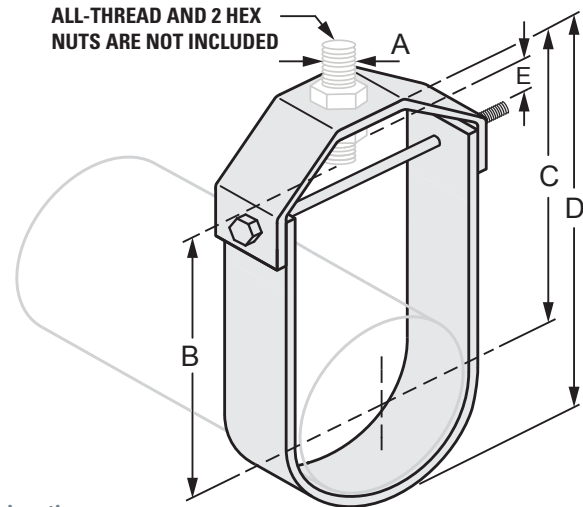
FM Approved (1 1/4" through 8" only). Complies with Federal Specification and WW-H-171E (Type 1) and Manufacturers Standardization Society ANSI/MSS-58 (Type 1).

FUNCTION:

Recommended for the suspension of non-insulated stationary pipe lines

AVAILABLE IN:

Electro-galvanized, hot-dipped galvanized, plain with felt lining or plain with PVC coating

**STANDARD DUTY CLEVIS HANGER (SERIES W410)**

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W410104	1/2"	3/8"	1 1/2"	1 7/8"	2 3/8"	1/2"	600	100	37
	W410106	3/4"	3/8"	1 5/8"	2 1/8"	2 3/4"	5/8"	600	100	38
	W410110	1"	3/8"	1 3/4"	2 1/4"	2 7/8"	3/4"	600	100	39
	W410112	1 1/4"	3/8"	2"	2 5/8"	3 1/2"	1 1/8"	600	100	40
	W410114	1 1/2"	3/8"	2 1/16"	3"	3 3/4"	1 1/8"	600	100	44
	W410120	2"	3/8"	2 5/16"	3 1/8"	4 1/4"	15/16"	600	100	52
	W410124	2 1/2"	1/2"	2 3/8"	3 1/8"	4 5/8"	3/4"	1100	50	108
	W410130	3"	1/2"	2 7/8"	3 5/8"	5 1/2"	1"	1100	50	120
	W410134	3 1/2"	1/2"	3 3/8"	4 1/8"	6 1/4"	1 1/8"	1100	50	128
	W410140	4"	5/8"	3 5/8"	5 1/8"	7 3/8"	1 1/8"	1400	25	184
	W410150	5"	5/8"	4 1/4"	5 3/4"	8 5/8"	1 1/4"	1400	25	205
	W410160	6"	5/8"	5 1/4"	7 1/4"	10 1/2"	1 1/2"	2000	25	310
	W410180	8"	5/8"	6 5/8"	8"	12 3/8"	2"	2000	25	440
	W4101100	10"	5/8"	8 3/8"	9 7/8"	15 1/4"	2 1/4"	3600	BULK	860
	W4101120	12"	5/8"	9 3/4"	11 3/4"	17 1/2"	2 5/8"	3800	BULK	1040
	W4101140	14"	5/8"	10 9/16"	12 1/2"	19 1/2"	2 1/2"	4200	BULK	1480
	W4101160	16"	5/8"	11 15/16"	14"	22"	2 3/4"	4600	BULK	2100
	W4101180	18"	5/8"	13 7/8"	16"	25"	3 3/4"	4800	BULK	2440
	W4101200	20"	5/8"	15 1/8"	17 1/2"	27 1/2"	3 3/4"	4800	BULK	4260
	W4101240	24"	5/8"	17 3/8"	19 3/4"	31 3/4"	4"	4800	BULK	4840
	W4101360	36"	5/8"	21 1/2"	24 1/8"	39 1/8"	4 3/4"	6000	BULK	6950

! All clevis hangers are plain steel. To order other finishes, change the 5th character in the part # as seen below:

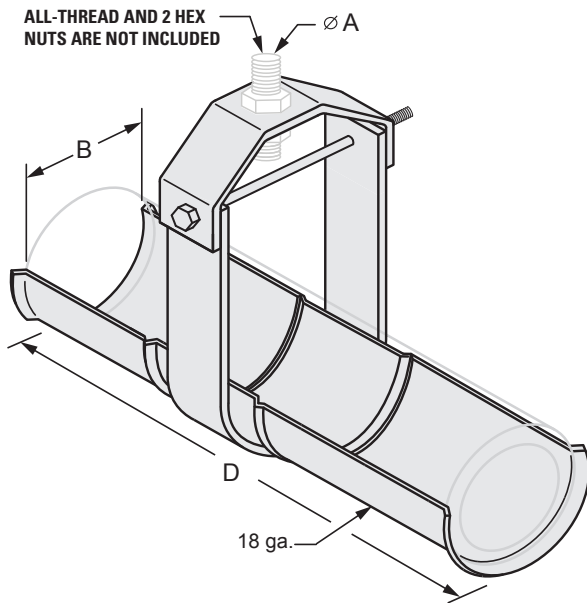
PLAIN W/FELT LINING = 13 HOT-DIP GALVANIZED = 9 ELECTRO-GALVANIZED = 2 PLAIN W/PVC COATING = 5

Example: W410.112 = ELECTRO-GALV W/FELT

9

CLEVIS HANGER W/SECURED INSULATION SHIELD » SERIES W412

CLEVIS


SIZE RANGE:

3/8" through 1 1/4" rod size

MATERIAL:

Low carbon steel

FINISH:

Plain low carbon steel clevis with pre-galvanized shield

ORDERING:

Specify rod size; inside shield diameter; and Series #

FUNCTION:

Designed for suspension of stationary insulated pipe lines. Series W411 is a combination of our Series W561 shield welded to a Series W412 clevis hanger, which ensures that the shield will be installed in conjunction with the hanger. The shield is furnished with flared ends to prevent it from cutting into the insulation.

AVAILABLE IN:

304 & 316 stainless steel

CLEVIS HANGER W/SECURED SERIES W412 « INSULATION SHIELD

CLEVIS

CLEVIS HANGER W/SECURED INSULATION SHIELD (SERIES W412)

	PART #	INSIDE DIAMETER OF SHIELD (B)	ROD SIZE (A)	SHIELD LENGTH (D)	HANGER SIZE	LBS./EACH
	W412123	2 3/8"	3/8"	8"	2"	.59
	W412125	2 5/8"	1/2"	8"	2 1/2"	1.50
	W412127	2 7/8"	1/2"	8"	2 1/2"	1.54
	W412134	3 1/2"	1/2"	8"	3"	1.64
	W412140	4"	1/2"	8"	3 1/2"	1.95
	W412144	4 1/2"	5/8"	8"	4"	2.38
	W412150	5"	5/8"	8"	5"	2.98
	W412155	5 5/8"	5/8"	8"	5"	3.10
	W412160	6"	3/4"	8"	6"	3.77
	W412165	6 5/8"	3/4"	8"	6"	3.92
	W412175	7 5/8"	3/4"	12"	8"	6.33
	W412185	8 5/8"	3/4"	12"	8"	6.66
	W412195	9 5/8"	7/8"	12"	10"	10.84
	W4121106	10 3/4"	7/8"	12"	10"	11.17
	W4121116	11 3/4"	7/8"	12"	12"	13.39
	W4121126	12 3/4"	7/8"	12"	12"	13.65
	W4121140	14"	1"	12"	14"	16.93
	W4121150	15"	1"	12"	16"	25.08
	W4121160	16"	1"	12"	16"	25.20
	W4121170	17"	1 1/8"	12"	18"	29.55
	W4121180	18"	1 1/8"	12"	18"	29.83
	W4121190	19"	1 1/4"	12"	20"	47.81
	W4121210	21"	1 1/4"	12"	24"	53.73

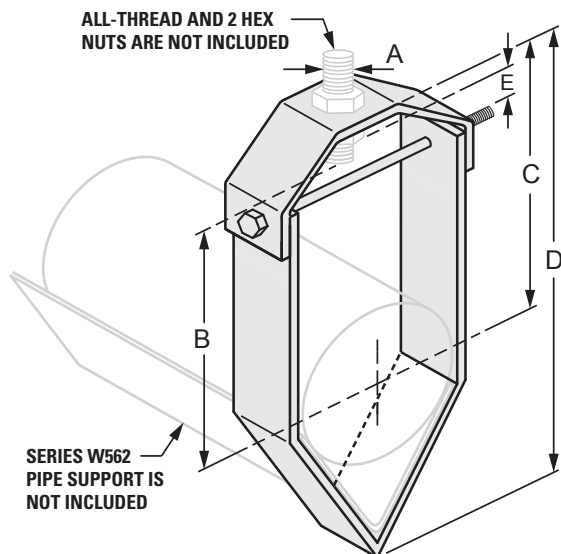
! All clevis hangers are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W412 1 23** = STAINLESS STEEL (304)
8

PLASTIC PIPE CLEVIS HANGER » SERIES W413

CLEVIS

**SIZE RANGE:**

1/2" through 4" pipe size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; pipe size; finish; and Series #

FUNCTION:

Designed for the suspension of flexible plastic pipe lines. Used in conjunction with Series W562.

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

PLASTIC PIPE CLEVIS HANGER (SERIES W413)

	PART #	PIPE SIZE	ROD SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	CROSS BOLT	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
	W413104	1/2"	3/8"	4 5/16"	4 3/4"	5 1/2"	1 5/8"	3/8"	150	38
	W413106	3/4"	3/8"	4 1/8"	4 9/16"	5 1/2"	1 5/8"	3/8"	150	38
	W413110	1"	3/8"	3 15/16"	6 3/8"	5 1/2"	1 5/8"	3/8"	150	38
	W413112	1 1/4"	3/8"	3 11/16"	4 1/8"	5 1/2"	1 5/8"	3/8"	150	38
	W413114	1 1/2"	3/8"	3 9/16"	4"	5 1/2"	1 5/8"	3/8"	150	38
	W413120	2"	3/8"	3 1/4"	3 11/16"	5 1/2"	1 5/8"	3/8"	150	38
	W413224	2 1/2"	5/8"	5 13/16"	6 5/8"	8 3/4"	1 3/4"	5/8"	150	115
	W413230	3"	5/8"	5 3/8"	6 3/16"	8 3/4"	1 3/4"	5/8"	150	115
	W413234	3 1/2"	5/8"	5"	5 13/16"	8 3/4"	1 3/4"	5/8"	150	115
	W413240	4"	5/8"	4 5/8"	5 7/16"	8 3/4"	1 3/4"	5/8"	150	115

! All above clevis hangers are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2 STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: W413104 = ELECTRO-GALV

2

STANDARD CLEVIS HANGER- SERIES W415 « EXTENDED BOTTOM

CLEVIS

SIZE RANGE:

3/4" through 12" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

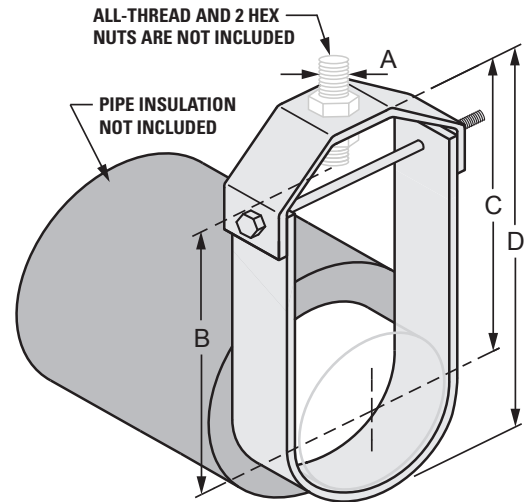
Specify pipe size; finish; and Series #

FUNCTION:

Recommended for the suspension of insulated stationary pipe lines allowing for vertical adjustment

AVAILABLE IN:

304 & 316 stainless steel

**STANDARD CLEVIS HANGER – EXTENDED BOTTOM (SERIES W415)**

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./100 PCS.
3/4" - 1 1/2" PIPE SIZE DESIGNED FOR 2" INSULATION									
	W415106	3/4"	3/8"	2 7/8"	3 5/8"	4 1/4"	610	50	50
	W415110	1"	3/8"	3 1/4"	4"	4 5/8"	610	25	57
	W415112	1 1/4"	3/8"	3 5/8"	4 1/2"	5 1/4"	610	25	63
	W415114	1 1/2"	3/8"	4"	4 3/4"	5 3/4"	610	25	71
2" - 12" PIPE SIZE DESIGNED FOR 2" INSULATION									
	W415120	2"	3/8"	6 1/2"	7 1/2"	8 5/8"	610	25	84
	W415124	2 1/2"	1/2"	7 1/2"	8 1/2"	10"	1130	25	189
	W415130	3"	1/2"	7 1/2"	8 5/8"	10 1/4"	1130	25	199
	W415140	4"	5/8"	8 1/8"	9 3/8"	11 5/8"	1430	25	245
	W415150	5"	5/8"	8 3/4"	9 7/8"	12 5/8"	1430	15	298
	W415160	6"	3/4"	9 3/8"	10 5/8"	14"	1940	10	336
	W415180	8"	7/8"	11"	12 3/8"	16 3/4"	2000	10	670
	W4151100	10"	7/8"	12 1/4"	13 3/4"	19 1/8"	3600	3	1100
	W4151120	12"	7/8"	13 5/8"	15 1/8"	21 1/2"	3800	2	1380

! All clevis hangers are plain steel. To order other finishes, change the 5th character in the part # as seen below:

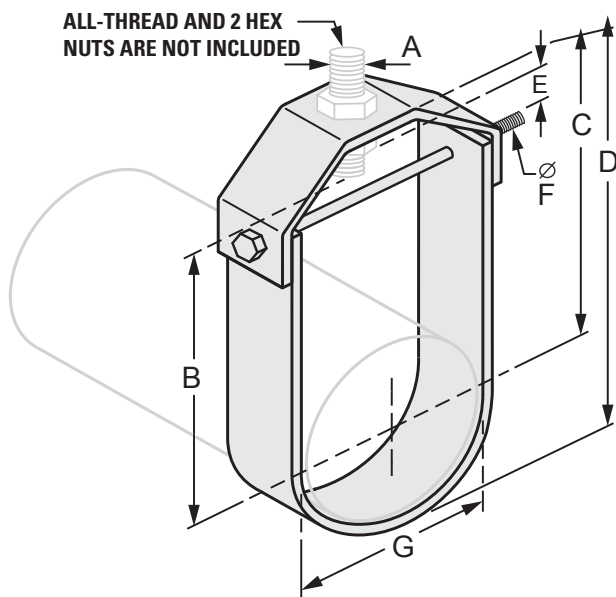
STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W415 1 06** = STAINLESS STEEL

8

LIGHT DUTY CLEVIS HANGER » SERIES W420

CLEVIS

**SIZE RANGE:**

1/2" through 4" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

FM Approved (3/4" through 8" only). Complies with Federal Specification WW-H-171E (Type 1) and Manufacturers Standardization Society ANSI/MSS-58 (Type 1).

FUNCTION:

Recommended for the suspension of non-insulated stationary pipe lines

AVAILABLE IN:

Electro-galvanized, hot-Dipped galvanized or plain with felt lining

LIGHT DUTY CLEVIS HANGER (SERIES W420)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (G)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W420104	1/2"	3/8"	1 1/2"	2 1/2"	3 1/2"	13/16"	1/4"	3/4"	600	100	9
	W420106	3/4"	3/8"	1 5/8"	2 5/8"	3 1/2"	13/16"	1/4"	1 1/4"	600	100	9
	W420110	1"	3/8"	1 3/4"	2 3/4"	3 1/2"	13/16"	1/4"	1 1/2"	600	100	10
	W420112	1 1/4"	3/8"	1 7/8"	2 7/8"	3 5/8"	13/16"	1/4"	1 3/4"	600	100	11
	W420114	1 1/2"	3/8"	2"	3"	4"	13/16"	1/4"	2"	600	100	12
	W420120	2"	3/8"	2 3/8"	3 3/8"	4 3/4"	15/16"	1/4"	2 1/2"	600	100	14
	W420124	2 1/2"	1/2"	3"	4"	5 1/2"	3/4"	3/8"	3 1/4"	1100	50	30
	W420130	3"	1/2"	3 5/8"	4 5/8"	6"	1"	3/8"	3 3/4"	1100	50	32
	W420134	3 1/2"	1/2"	4"	5"	6 3/4"	1 1/16"	3/8"	4 1/8"	1100	25	36
	W420140	4"	5/8"	4 1/4"	5 1/4"	7 1/2"	13/16"	3/8"	4 7/8"	1400	25	44

! All above clevis hangers are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2 HOT-DIP GALVANIZED = 9 PLAIN W/FELT LINING = 13

Example: **W420104** = ELECTRO-GALV

2

SERIES W430 « COPPER CLEVIS HANGER

CLEVIS

SIZE RANGE:

1/2" through 4" pipe size

MATERIAL:

Carbon steel

FINISH:

Copper plated

ORDERING:

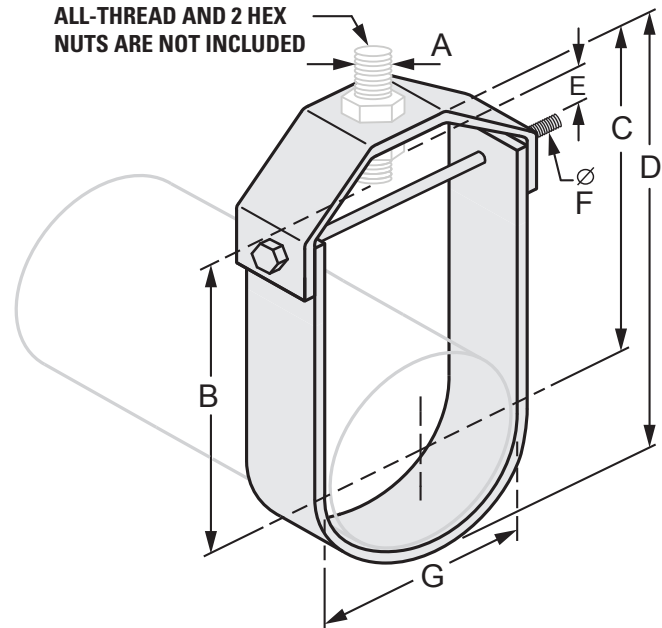
Specify rod size; pipe size; finish; and Series #

FUNCTION:

Recommended for the suspension of copper tubing stationary pipe lines allowing for vertical adjustment

AVAILABLE IN:

Electro-galvanized or hot-dipped galvanized

**COPPER CLEVIS HANGER (SERIES W430)**

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (G)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./100 PCS.
	W430304	1/2"	3/8"	1 1/2"	2 1/2"	2 7/8"	13/16"	1/4"	11/16"	150	100	22
	W430306	3/4"	3/8"	1 5/8"	2 5/8"	3 1/4"	13/16"	1/4"	3/4"	150	100	20
	W430310	1"	3/8"	1 3/4"	2 3/4"	3 1/2"	13/16"	1/4"	1 1/4"	250	100	20
	W430312	1 1/4"	3/8"	1 7/8"	2 7/8"	3 5/8"	13/16"	1/4"	1 1/2"	250	100	22
	W430314	1 1/2"	3/8"	2"	3"	4"	13/16"	1/4"	1 3/4"	250	100	18
	W430320	2"	3/8"	1 3/8"	3 3/8"	4 1/8"	13/16"	1/4"	2 3/8"	250	100	24
	W430324	2 1/2"	1/2"	3"	4"	5"	13/4"	1/4"	2 3/4"	350	50	28
	W430330	3"	1/2"	3 5/8"	4 5/8"	5 1/2"	13/4"	3/8"	3 3/8"	350	BULK	70
	W430334	3 1/2"	1/2"	4"	5"	5 7/8"	13/4"	3/8"	4"	350	BULK	84
	W430340	4"	5/8"	4 1/4"	5 1/4"	6 3/8"	13/4"	3/8"	4 1/2"	400	BULK	90

! All above clevis hangers are copper plated. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2 HOT-DIP GALVANIZED = 9

Example: **W430304** = ELECTRO-GALV

2

SECTION 6

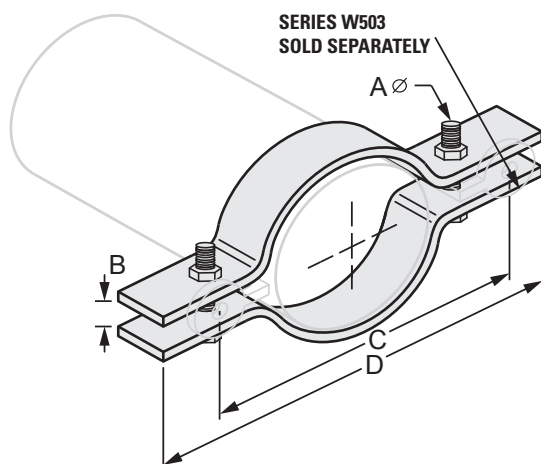
G-FORCE® PIPE & RISER CLAMPS

Wide range of pipe clamps are designed for a variety of applications.

Riser clamps are used in supporting vertical piping

TWO BOLT UNDERGROUND PIPE CLAMP >> SERIES W501

UNDERGROUND PIPE

**SIZE RANGE:**

3" through 36" pipe size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #, order Series W503 washer separately

FUNCTION:

Designed for clamping the caulked joints of underground A.W.W.A. ductile iron water pipes to prevent separation of joints

AVAILABLE IN:

Electro-galvanized

TWO BOLT UNDERGROUND PIPE CLAMP (SERIES W501)

	PART #	PIPE SIZE	MAX. PIPE O.D.	SIZE Ø (A)	SIZE (B)	SIZE (C)	SIZE (D)	RECOMMENDED TIE ROD SIZE	LBS./ 100 PCS.
	W501130	3"	3.96	5/8 X 3	1 1/4"	9"	11 3/4"	3/4"	618
	W501140	4"	4.80	5/8 X 3	1 1/4"	10 1/4"	13"	3/4"	880
	W501160	6"	6.90	5/8 X 3	1 1/4"	12"	14 7/8"	3/4"	1050
	W501180	8"	9.05	5/8 X 3	1 1/4"	14 1/2"	17 1/4"	3/4"	1234
	W5011100	10"	11.10	5/8 X 3	1 1/4"	16 3/4"	19 1/2"	3/4"	1480
	W5011120	12"	13.20	5/8 X 3 1/2	1 1/4"	19"	21 3/4"	3/4"	1603
	W5011140	14"	15.30	7/8 X 4	1 3/8"	23 3/8"	27 7/8"	1"	4437
	W5011160	16"	17.40	1 X 4 1/2	1 1/2"	25 1/2"	29 1/8"	1 1/8"	6474
	W5011180	18"	19.50	1 1/4 X 4 1/2	1 1/2"	28"	32 1/4"	1 1/4"	7369
	W5011200	20"	21.60	1 1/4 X 4 1/2	1 5/8"	29 3/4"	33 1/4"	1 3/8"	8600
	W5011240	24"	25.80	1 1/2 X 5	1 3/4"	34"	37 3/4"	1 1/2"	11300
	W5011300	30"	32.00	1 1/2 X 5 1/2	2"	41 3/8"	45 1/8"	1 3/4"	13678
	W5011360	36"	38.30	1 1/2 X 5 1/2	2 1/2"	46 1/2"	50 3/4"	1 3/4"	15550

NOTE: *Clamps must be connected by means of threaded tie rods and the nuts drawn tight on the washers to assure a tight joint.

! All above pipe clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: **W501130** = ELECTRO-GALV

2

FOUR BOLT UNDERGROUND PIPE SERIES W502 « HEAVY DUTY

UNDERGROUND PIPE

SIZE RANGE:
3" through 24" pipe size

MATERIAL:
Low carbon steel

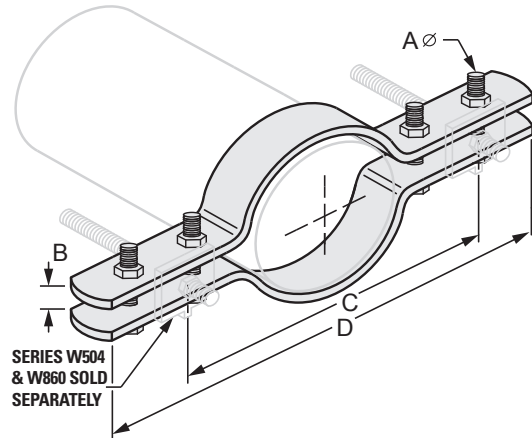
FINISH:
Plain

ORDERING:
Specify pipe size; finish; and Series #, order Series W504 washer separately

APPROVAL:
Complies with National Fire Protection Association Standards 24 for 4"-12" pipe

FUNCTION:
Designed for clamping the caulked joints of underground A.W.W.A. ductile iron water pipe lines to prevent separation of joints

AVAILABLE IN:
Electro-galvanized, 304 & 316 stainless steel



FOUR BOLT UNDERGROUND PIPE – HEAVY DUTY (SERIES W502)

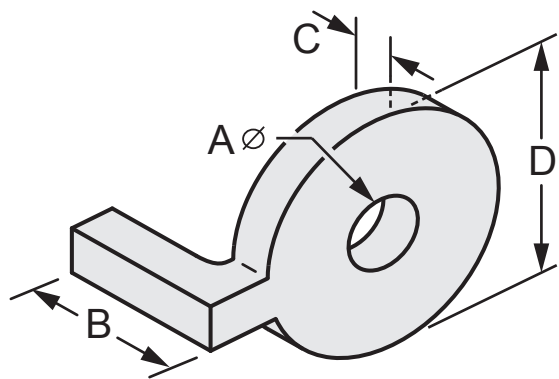
	PART #	PIPE SIZE	MAX. PIPE O.D.	BOLT Ø SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	RECOMMENDED TIE ROD SIZE	MAX. TEST PRESSURE (PSI)	FORCE ON CLAMP (LBS)	LBS./100 PCS.
	W502130	3"	3.96	5/8 X 3	1 1/4"	9 3/8"	13 3/8"	3/4"	250	4550	860
	W502140	4"	4.80	5/8 X 3	1 1/4"	10 1/8"	14 1/2"	3/4"	250	4550	938
	W502160	6"	6.90	5/8 X 3	1 1/4"	12 5/8"	17"	3/4"	250	9340	1150
	W502180	8"	9.05	5/8 X 3 1/2	1 1/4"	15 3/8"	19 3/4"	3/4"	250	16080	2054
	W5021100	10"	11.10	3/4 X 3 1/2	1 1/4"	17 1/8"	22"	3/4"	250	24180	2315
	W5021120	12"	13.20	7/8 X 3 1/2	1 1/4"	20 1/2"	25 5/8"	1"	250	34230	3585
	W5021140	14"	15.30	7/8 X 4	1 3/4"	23 1/8"	27 3/4"	1"	120	22200	4678
	W5021160	16"	17.40	1 X 4	1 3/4"	25 7/8"	31 7/8"	1 1/8"	115	27760	7053
	W5021180	18"	19.50	1 1/4 X 4 1/2	1 3/4"	29"	35 5/8"	1 1/4"	100	23900	7465
	W5021200	20"	21.60	1 1/4 X 4 1/2	1 3/4"	31 1/8"	38 1/8"	1 3/8"	75	27500	9865
	W5021240	24"	25.80	1 1/2 X 5	1 3/4"	36 1/2"	44 1/2"	1 1/2"	50	26200	13550

NOTE: *Clamps must be connected by means of threaded tie rods and the nuts drawn tight on the washers to assure a tight joint.

! All above saddle supports are plain steel. To order other finishes, change the 5th character in the part # as seen below:
STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2
 Example: **W250140** = ELECTRO-GALV
2

UNDERGROUND PIPE CLAMP WASHER » SERIES W503

UNDERGROUND WASHERS

**SIZE RANGE:**

3/4" through 1 3/4" tie rod size

MATERIAL:

Low carbon steel. Cast iron. (3/4" tie rod only)

FINISH:

Plain

ORDERING:

Specify tie rod size; finish; and Series #

FUNCTION:

Designed to secure tie rods when used in conjunction with Series W501 two bolt underground pipe clamp

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

UNDERGROUND PIPE CLAMP WASHER (SERIES W503)

	PART #	TIE ROD SIZE	FOR PIPE SIZES	SIZE Ø (A)	SIZE (B)	SIZE (C)	SIZE (D)	LBS./ 100 PCS.
	W503106	3/4"	3-12	7/8"	1 3/4"	5/8"	2 5/16"	80
	W503110	1"	14	1 1/8"	3"	1/2"	3 1/2"	145
	W503111	1 1/8"	16	1 1/4"	3"	5/8"	4"	231
	W503112	1 1/4"	18	1 3/8"	3"	5/8"	4"	226
	W503113	1 3/8"	20	1 1/2"	3"	3/4"	4"	287
	W503114	1 1/2"	24	1 5/8"	3"	3/4"	4"	271
	W503116	1 3/4"	30-36	1 7/8"	3"	1"	4"	417

NOTE: *Tie rod size 3/4" is made of cast iron material.

! All clamp washers are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: W503 106 = ELECTRO-GALV
2

SERIES W504 << UNDERGROUND PIPE CLAMP WASHER

UNDERGROUND WASHERS

SIZE RANGE:

3/4" through 1 3/4" tie rod size

MATERIAL:

Low carbon steel. Cast iron. (3/4" tie rod only)

FINISH:

Plain

ORDERING:

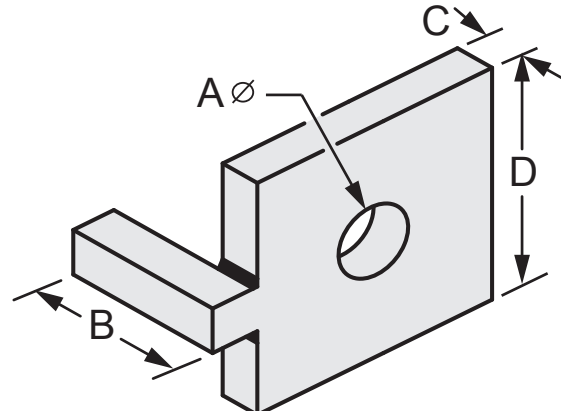
Specify tie rod size; finish; and Series #

FUNCTION:

Designed to secure tie rods when used in conjunction with Series W501 two bolt underground pipe clamp

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

**UNDERGROUND PIPE CLAMP WASHER (SERIES W504)**

	PART #	TIE ROD SIZE	FOR PIPE SIZES	SIZE Ø (A)	SIZE (B)	SIZE (C)	SIZE (D)	LBS./ 100 PCS.
	W504106	3/4"	3-12	7/8"	1 3/4"	5/8"	2 5/16"	80
	W504110	1"	14	1 1/8"	3"	1/2"	3 1/2"	145
	W504111	1 1/8"	16	1 1/4"	3"	5/8"	4"	231
	W504112	1 1/4"	18	1 3/8"	3"	5/8"	4"	226
	W504113	1 3/8"	20	1 1/2"	3"	3/4"	4"	287
	W504114	1 1/2"	24	1 5/8"	3"	3/4"	4"	271
	W504116	1 3/4"	30-36	1 7/8"	3"	1"	4"	417

NOTE: *Tie rod size 3/4" is made of cast iron material.



All clamp washers are plain steel. To order other finishes, change the 5th character in the part # as seen below:

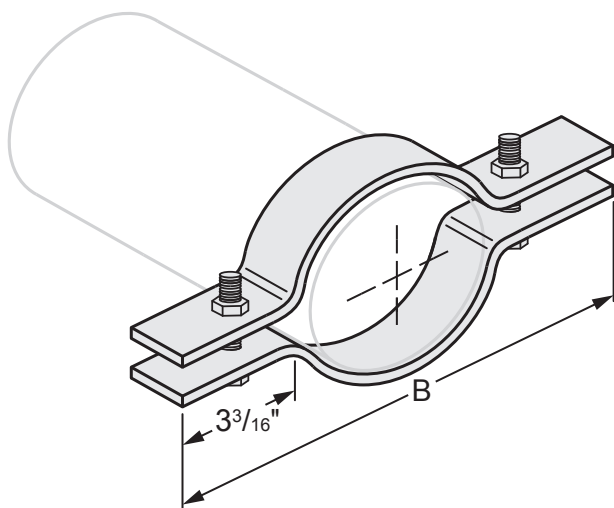
STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W504 106** = ELECTRO-GALV

2

IRON PIPE RISER CLAMP-STANDARD DUTY >> SERIES W500

IRON PIPE RISER

**SIZE RANGE:**

1/2" through 12" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specification WW-H-171E (Type 8), also A-A-1192 (Type 8) and Manufacturers Standardization Society MSS-SP-69 (Type 8)

FUNCTION:

Recommended for supporting and stabilizing vertical pipe runs

AVAILABLE IN:

Electro-galvanized, hot-dipped galvanized, plain with PVC coating, 304 & 316 stainless steel

IRON PIPE RISER CLAMP – STANDARD DUTY (SERIES W500)

	PART #	PIPE SIZE	SIZE (B)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W500104	1/2"	9 1/2"	255	25	121
	W500106	3/4"	9 1/2"	255	25	130
	W500110	1"	9 3/4"	255	25	134
	W500112	1 1/4"	10 1/4"	255	25	142
	W500114	1 1/2"	10 3/4"	255	25	150
	W500120	2"	11 1/2"	255	25	160
	W500124	2 1/2"	12"	390	25	190
	W500130	3"	13"	530	20	245
	W500134	3 1/2"	14 1/2"	670	BULK	260
	W500140	4"	15"	810	BULK	310
	W500150	5"	16 3/4"	1160	BULK	350
	W500160	6"	18 1/2"	1570	BULK	380
	W500180	8"	22 1/4"	2500	BULK	726
	W5001100	10"	22"	2500	BULK	1140
	W5001200	12"	22 1/2"	2700	BULK	1610

! All riser pipe clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 PLAIN WITH PVC COATING = 5

HOT-DIP GALVANIZED = 9 ELECTRO-GALVANIZED = 2

Example: W500 ~~1~~04 = HOT-DIP GALV

9

SERIES W505 « COPPER TUBING RISER CLAMP

COPPER TUBING RISER

SIZE RANGE:

1/2" through 4" pipe size

MATERIAL:

Carbon steel

FINISH:

Copper plated

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

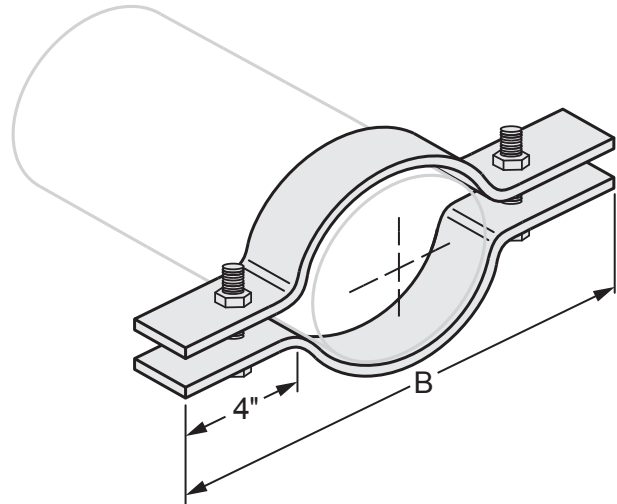
Complies with Federal Specification A-A-1192 (Type 8), and Manufacturers Standardization Society MSS-SP-69 (Type 8)

FUNCTION:

Recommended for supporting and stabilizing vertical tubing runs

AVAILABLE IN:

Copper with PVC coating

**COPPER TUBING RISER CLAMP (SERIES W505)**

	PART #	PIPE SIZE	SIZE (B)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W505304	1/2"	9 1/2"	250	25	69
	W505306	3/4"	9 1/2"	250	25	72
	W505310	1"	9 1/2"	250	25	72
	W505312	1 1/4"	9 3/4"	500	25	76
	W505314	1 1/2"	10 1/4"	500	25	80
	W505320	2"	11 3/4"	500	25	95
	W505324	2 1/2"	11 1/2"	500	25	135
	W505330	3"	12 1/2"	500	25	170
	W505334	3 1/2"	13 1/2"	600	BULK	171
	W505340	4"	14 1/2"	600	BULK	180

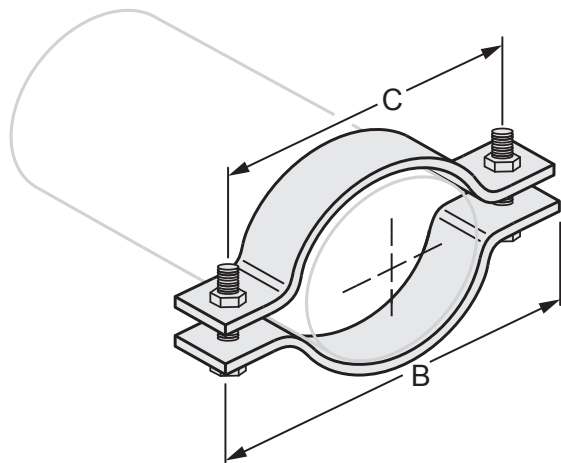
! All above tubing riser clamps are copper plated. To order other finishes, change the 5th character in the part # as seen below:

COPPER WITH PVC COATING = 10

Example: **W505 3 04** = COPPER W/PVC
10

SINGLE BOLT PIPE CLAMP » SERIES W510

SINGLE BOLT PIPE RISER


SIZE RANGE:

1/2" through 30" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

FUNCTION:

Recommended for the support and stabilizing of vertical pipe runs. Overall length is less than a riser clamp.

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

SINGLE BOLT PIPE CLAMP (SERIES W510)

	PART #	PIPE SIZE	BOLT SIZE	SIZE (B)	SIZE (C)	MATERIAL	MAXIMUM RECOMMENDED LOAD (LBS.)		CARTON QTY.	LBS./ 100 PCS.
							650 F	750 F		
	W510104	1/2"	3/8"	3 1/8"	2 1/8"	11 ga. x 1"	500	445	25	31
	W510106	3/4"	3/8"	3 1/2"	2 1/2"	11 ga. x 1"	500	445	25	35
	W510110	1"	3/8"	3 3/4"	2 3/4"	11 ga. x 1"	500	445	25	39
	W510112	1 1/4"	3/8"	4 1/4"	3 1/4"	11 ga. x 1"	500	445	25	40
	W510114	1 1/2"	3/8"	4 1/2"	3 1/2"	11 ga. x 1"	800	715	25	45
	W510120	2"	1/2"	5 1/4"	4 1/4"	3 ga. x 1"	1040	930	25	123
	W510124	2 1/2"	1/2"	6 1/4"	5 1/4"	3 ga. x 1"	1040	930	20	133
	W510130	3"	1/2"	7"	6"	3 ga. x 1"	1040	930	10	153
	W510134	3 1/2"	1/2"	7 3/8"	6 3/8"	3 ga. x 1"	1040	930	10	168
	W510140	4"	5/8"	8 1/8"	6 7/8"	3 ga. x 1 1/4"	1040	930	BULK	186
	W510150	5"	5/8"	9 7/8"	8 5/8"	3 ga. x 1 1/4"	1040	930	BULK	213
	W510160	6"	3/4"	11 1/2"	9 3/4"	3/8" x 1 1/2"	1615	1440	BULK	506
	W510180	8"	3/4"	14"	12"	3/8" x 1 1/2"	1615	1440	BULK	608
	W5101100	10"	7/8"	17 1/8"	15 1/8"	1/2" x 2"	2490	2220	BULK	1281
	W5101200	12"	7/8"	19 3/4"	17 3/4"	1/2" x 2"	2490	2220	BULK	1308
	W5101140	14"	7/8"	22 5/8"	19 1/4"	1/2" x 2"	2490	2220	BULK	1670
	W5101160	16"	7/8"	25 1/4"	19 7/8"	1/2" x 2 1/2"	2490	2220	BULK	2319
	W5101180	18"	1"	25 3/4"	21 3/4"	5/8" x 2 1/2"	3060	2730	BULK	3312
	W5101200	20"	1 1/8"	28 5/8"	25 1/8"	5/8" x 2 1/2"	3060	2730	BULK	3866
	W5101240	24"	1 1/4"	34 1/2"	31"	5/8" X 3"	3060	2730	BULK	5227
	W5101300	30"	1 1/2"	41 3/4"	37 1/4"	3/4" X 4"	4000	3520	BULK	10513

! All pipe clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: W510 104 = ELECTRO-GALV
2

SERIES W530 « IRON PIPE RISER CLAMP-PVC COATED

PVC COATED RISER

SIZE RANGE:

1/2" through 12" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain with PVC coating

ORDERING:

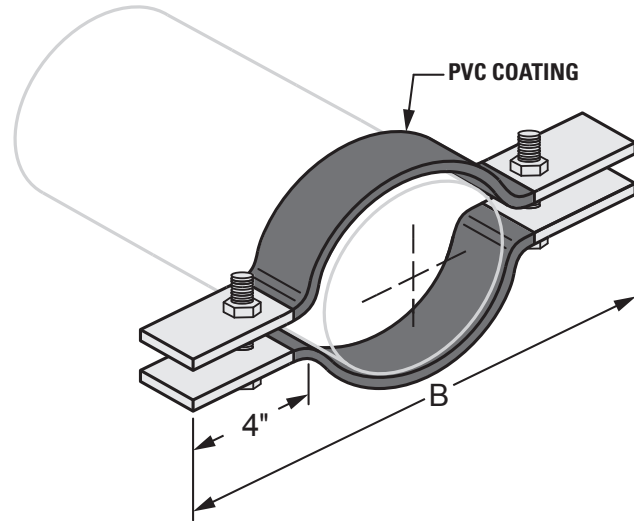
Specify rod size; pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specification
WW-H-171E (Type 8) and Manufacturers
Standardization Society MSS-SP-69 (Type 8)

FUNCTION:

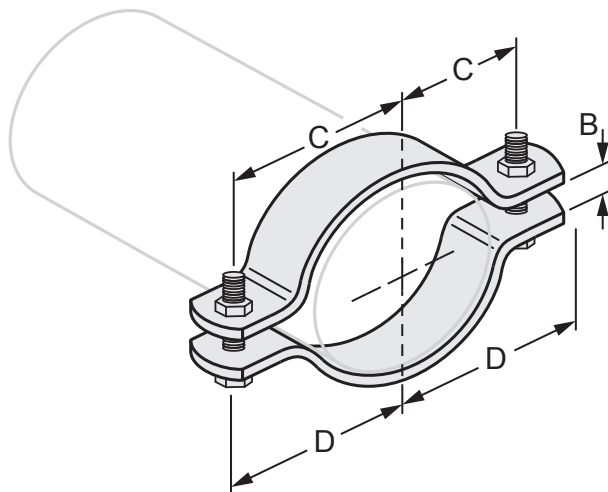
Recommended for supporting and stabilizing
vertical pipe runs. The PVC Coating provides a
barrier between the riser clamp and pipe.

**IRON PIPE RISER CLAMP – PVC COATED (SERIES W530)**

	PART #	PIPE SIZE	SIZE (B)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W530504	1/2"	9 1/2"	255	25	121
	W530506	3/4"	9 1/2"	255	25	130
	W530510	1"	9 3/4"	255	25	134
	W530512	1 1/4"	10 1/4"	255	25	142
	W530514	1 1/2"	10 3/4"	255	25	150
	W530520	2"	11 1/2"	255	25	160
	W530524	2 1/2"	12"	390	25	190
	W530530	3"	13"	530	20	245
	W530534	3 1/2"	14 1/2"	670	BULK	260
	W530540	4"	15"	810	BULK	310
	W530550	5"	16 3/4"	1160	BULK	350
	W530560	6"	18 1/2"	1570	BULK	380
	W530580	8"	22 1/4"	2500	BULK	726
	W5305100	10"	22"	2500	BULK	1140
	W5305200	12"	22 1/2"	2700	BULK	1610

HEAVY DUTY PIPE CLAMP » SERIES W511

HEAVY DUTY PIPE


SIZE RANGE:

3" through 24" pipe size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specifications A-A1192A (Type 4) and Manufactures Standardization Society ANSI/SP-69 and SP-58 (Type 4)

FUNCTION:

Designed to be used in the suspension of non-insulated pipe lines where heavier loads are to be suspended. Normally used in conjunction with Series W715 weldless eye nut or Series W868 welded eye rod to allow flexibility at the rod attachment.

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

HEAVY DUTY PIPE CLAMP (SERIES W511)

	PART #	PIPE SIZE	BOLT SIZE	SIZE (B)	SIZE (C)	SIZE (D)	MAXIMUM RECOMMENDED LOAD (LBS.)		LBS./100 PCS.
							650 F	750 F	
	W511130	3"	3/4"	1"	3"	4 1/8"	3370	3005	496
	W511134	3 1/2"	3/4"	1"	3 1/4"	4 3/8"	3370	3005	536
	W511140	4"	7/8"	1"	3 11/16"	4 15/16"	3515	3135	574
	W511150	5"	7/8"	1"	4 5/16"	5 9/16"	3515	3135	713
	W511160	6"	1"	1 1/8"	5 3/16"	6 11/16"	4865	4340	1348
	W511180	8"	1"	1 1/8"	6 1/4"	8 1/4"	4865	4340	1578
	W5111100	10"	1 1/4"	1 1/4"	7 7/8"	9 7/8"	6010	5360	2420
	W5111120	12"	1 1/2"	1 5/8"	9 1/2"	11 7/8"	8675	7740	4154
	W5111140	14"	1 1/2"	1 5/8"	10 1/8"	12 1/4"	9120	8135	5325
	W5111160	16"	1 1/2"	1 5/8"	11 3/16"	13 15/16"	9120	8135	5635
	W5111180	18"	1 1/2"	1 5/8"	12 3/16"	15 1/4"	9150	8160	7012
	W5111200	20"	1 1/2"	1 5/8"	13 5/16"	15 13/16"	9150	8160	7468
	W5111240	24"	1 1/2"	1 3/4"	15 3/8"	17 3/4"	9200	8205	12629

! All pipe clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W511 130 = ELECTRO-GALV**
2

SERIES W520 « DOUBLE BOLT PIPE CLAMP

DOUBLE BOLT PIPE

SIZE RANGE:

3/4" through 36" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

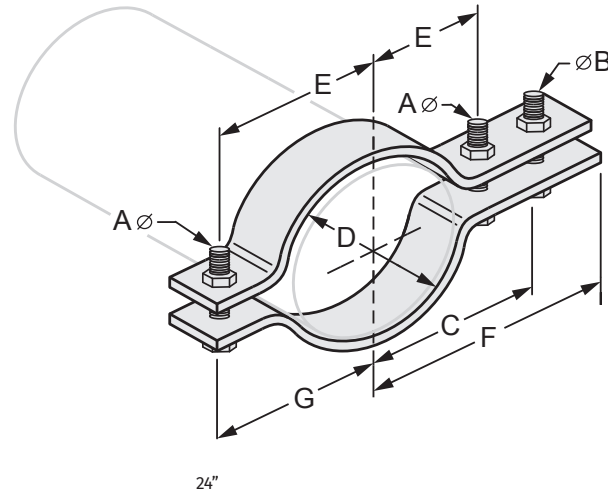
Specify pipe size; finish; and Series #

FUNCTION:

Recommended for the suspension of insulated pipe lines normally used with weldless eye nut

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

**DOUBLE BOLT PIPE CLAMP (SERIES W520)**

	PART #	PIPE SIZE	BOLT SIZE (A)	BOLT SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (G)	MAXIMUM RECOMMENDED LOAD (LBS.)		LBS./ 100 PCS.
										650 F	750 F	
	W520106	3/4"	3/8"	3/8"	2 3/4"	1"	1 3/8"	3 1/2"	2"	950	850	83
	W520110	1"	3/8"	3/8"	2 7/8"	1 1/4"	1 3/8"	3 1/2"	2"	950	850	102
	W520112	1 1/4"	3/8"	3/8"	3"	1 5/8"	1 1/2"	3 1/2"	2"	950	850	102
	W520114	1 1/2"	1/2"	5/8"	4 5/8"	2"	2	5 1/4"	2 5/8"	1545	1380	230
	W520120	2"	1/2"	5/8"	4 3/4"	2 3/8"	2 1/8"	5 3/8"	2 3/4"	1545	1380	260
	W520124	2 1/2"	1/2"	5/8"	5"	2 7/8"	2 1/2"	5 3/8"	3"	1545	1380	271
	W520130	3"	1/2"	5/8"	5 3/8"	3 1/2"	2 3/4"	6"	3 3/8"	1545	1380	303
	W520134	3 1/2"	1/2"	5/8"	5 5/8"	4"	3"	6 1/4"	3 5/8"	1545	1380	328
	W520140	4"	5/8"	3/4"	7"	4 1/2"	4"	8"	5"	2500	2230	667
	W520150	5"	5/8"	3/4"	7 5/8"	5 1/2"	4 5/8"	8 5/8"	5 5/8"	2500	2230	705
	W520160	6"	3/4"	7/8"	8 5/8"	6 5/8"	5 1/8"	9 7/8"	6 3/8"	2865	2555	1145
	W520180	8"	3/4"	7/8"	9 7/8"	8 5/8"	6 3/8"	11 1/8"	7 5/8"	2865	2555	1345
	W5201100	10"	7/8"	1"	11 1/8"	10 3/4"	7 5/8"	12 3/8"	8 7/8"	3240	2890	1980
	W5201120	12"	7/8"	1"	12 1/2"	12 3/4"	9"	13 3/4"	10 1/4"	3240	2890	2225
	W5201140	14"	7/8"	1 1/4"	13 1/2"	14"	10"	15"	11 1/2"	4300	3835	3768
	W5201160	16"	7/8"	1 1/4"	14 1/4"	16"	10 5/8"	15 3/4"	12 1/8"	4300	3835	4140
	W5201180	18"	1"	1 1/4"	15 1/2"	18"	11 3/4"	16 5/8"	13 1/4"	4300	3835	4487
	W5201200	20"	1 1/4"	1 3/8"	16 1/2"	20"	13"	18"	14 1/2"	5490	4900	5725
	W5201240	24"	1 1/4"	1 3/8"	18 3/4"	24"	15 1/4"	20 1/4"	16 3/4"	4500	4015	6590
	W5201300	30"	1 3/8"	1 3/8"	23"	30"	19"	26"	22"	8000	-	19502
	W5201360	36"	1 3/8"	1 3/4"	28 7/8"	36"	22 1/8"	32 3/8"	22 5/8"	8000	-	23488



All pipe clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

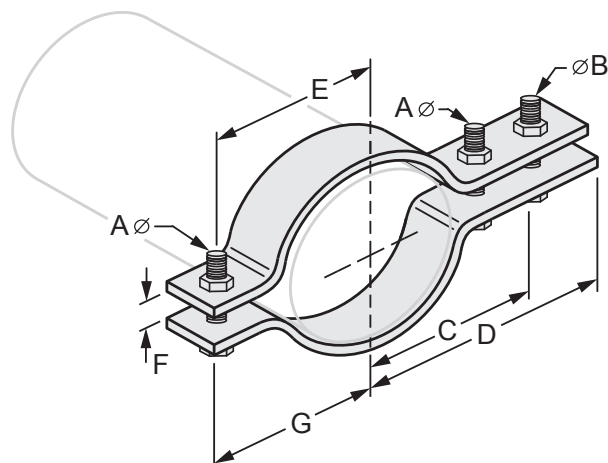
STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W520106** = ELECTRO-GALV

2

DOUBLE BOLT PIPE CLAMP » SERIES W521

DOUBLE BOLT PIPE

**SIZE RANGE:**

3/4" through 24" pipe size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specifications A-A-1192A (Type 3) and Manufacturers Standardizations ANSI/SP-69 and SP-58 (Type 3)

FUNCTION:

Designed for the suspension of high temperature insulated pipe lines. Normally used in conjunction with Series W715 weldless eye nut or Series W868 welded eye rod to allow flexibility at the rod attachment. The clamp can be used with up to 4" of insulation and temperatures up to 750° F.

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

DOUBLE BOLT PIPE CLAMP (SERIES W521)

	PART #	PIPE SIZE	BOLT SIZE (A)	BOLT SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (G)	MAXIMUM RECOMMENDED LOAD (LBS.)		LBS./ 100 PCS.
										650 F	750 F	
	W521106	3/4"	3/8"	3/8"	2 13/16"	3 7/16"	1 3/8"	5/8"	2"	950	850	83
	W521110	1"	3/8"	3/8"	2 7/8"	3 1/2"	1 3/8"	5/8"	2"	950	850	102
	W521112	1 1/4"	3/8"	3/8"	2 15/16"	3 9/16"	1 7/16"	5/8"	2 1/16"	950	850	107
	W521114	1 1/2"	1/2"	5/8"	4 5/8"	5 1/4"	2"	1"	2 5/8"	1545	1380	230
	W521120	2"	1/2"	5/8"	4 3/4"	5 3/8"	2 1/8"	1"	2 3/4"	1545	1380	260
	W521124	2 1/2"	1/2"	5/8"	5 1/16"	5 11/16"	2 7/16"	1"	3 1/16"	1545	1380	271
	W521130	3"	1/2"	5/8"	5 3/8"	6"	2 3/4"	1"	3 3/8"	1545	1380	303
	W521134	3 1/2"	1/2"	5/8"	5 11/16"	6 5/16"	3 1/16"	1"	3 11/16"	1545	1380	328
	W521140	4"	5/8"	3/4"	7 1/16"	8 1/16"	4 1/16"	1"	5 1/16"	2500	2230	667
	W521150	5"	5/8"	3/4"	7 5/8"	8 5/8"	4 5/8"	1"	5 5/8"	2500	2230	705
	W521160	6"	3/4"	7/8"	8 5/8"	9 7/8"	5 1/8"	1 1/2"	6 3/8"	2865	2555	1145
	W521180	8"	3/4"	7/8"	9 7/8"	11 1/8"	6 3/8"	1 1/2"	7 5/8"	2865	2555	1345
	W5211100	10"	7/8"	1"	11 1/8"	12 3/8"	7 5/8"	1 1/2"	8 7/8"	3240	2890	1980
	W5211120	12"	7/8"	1"	12 1/2"	13 3/4"	9"	1 1/2"	10 1/4"	3240	2890	2225
	W5211140	14"	7/8"	1 1/4"	13 9/16"	15 1/16"	9 15/16"	1 1/2"	11 7/16"	4300	3835	3768
	W5211160	16"	7/8"	1 1/4"	14 5/16"	15 13/16"	10 11/16"	1 1/2"	12 3/16"	4300	3835	4140
	W5211180	18"	1"	1-1/4"	15 7/16"	16 11/16"	11 13/16"	1 1/2"	13 5/16"	4300	3835	4487
	W5211200	20"	1 1/8"	1 3/8"	16 1/2"	18"	13"	2"	14 1/2"	4500	4015	5725
	W5211240	24"	1 1/4"	1 3/8"	18 3/4"	20 1/4"	15 1/4"	2"	16 3/4"	5490	4900	6590

! All pipe clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: W521106 = ELECTRO-GALV
2

SERIES W540 « OFFSET PIPE CLAMP

OFFSET PIPE

SIZE RANGE:

3/4" through 12" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

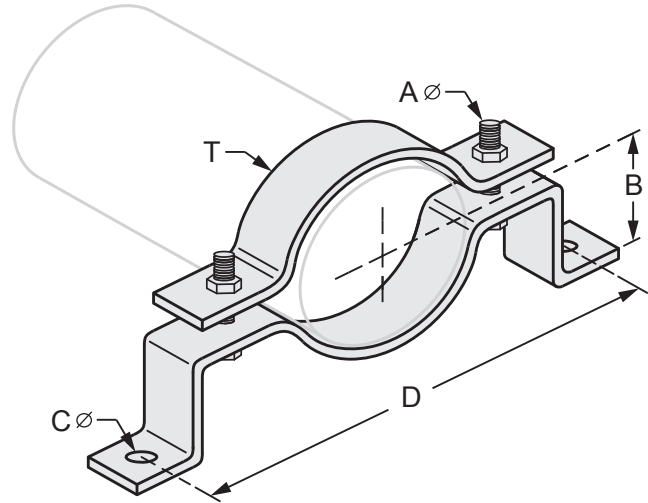
Specify rod size; pipe size; finish; and Series #

FUNCTION:

Designed to be used in the clamping of pipe lines at a fixed distance away from the floor or wall

AVAILABLE IN:

304 & 316 stainless steel

**OFFSET PIPE CLAMP (SERIES W540)**

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	THICKNESS (T)	MAXIMUM RECOMMENDED LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W540106	3/4"	3/8"	2 1/2"	7/16"	5 7/8"	7 ga. x 1 1/4"	190	100	87
	W540110	1"	3/8"	2 5/8"	7/16"	6"	7 ga. x 1 1/4"	190	100	92
	W540112	1 1/4"	3/8"	2 3/4"	7/16"	6 1/2"	7 ga. x 1 1/4"	190	100	115
	W540114	1 1/2"	3/8"	3"	7/16"	6 1/2"	7 ga. x 1 1/4"	190	100	124
	W540120	2"	3/8"	3 1/4"	7/16"	7 5/8"	3 ga. x 1 1/4"	420	100	156
	W540124	2 1/2"	3/8"	3 1/2"	7/16"	8 3/8"	3 ga. x 1 1/4"	420	100	178
	W540130	3"	3/8"	3 1/2"	7/16"	8 3/4"	3 ga. x 1 1/4"	420	100	198
	W540134	3 1/2"	1/2"	4"	7/16"	9 3/4"	3 ga. x 1 1/4"	420	100	245
	W540140	4"	1/2"	4 1/4"	9/16"	11"	3 ga. x 1 1/4"	610	50	300
	W540150	5"	1/2"	4 3/4"	9/16"	12 1/8"	3 ga. x 1 1/4"	610	25	350
	W540160	6"	1/2"	5 1/4"	9/16"	14 3/8"	3/8 ga. X 1 1/2"	870	25	650
	W540180	8"	1/2"	6 1/4"	9/16"	16 1/2"	3/8 ga. X 1 1/2"	870	25	790
	W5401100	10"	5/8"	7 3/4"	11/16"	19 1/8"	3/8 ga. X 2"	870	25	1270
	W5401120	12"	5/8"	8 7/8"	11/16"	25 1/2"	3/8 ga. X 2"	870	20	2120

! All pipe clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

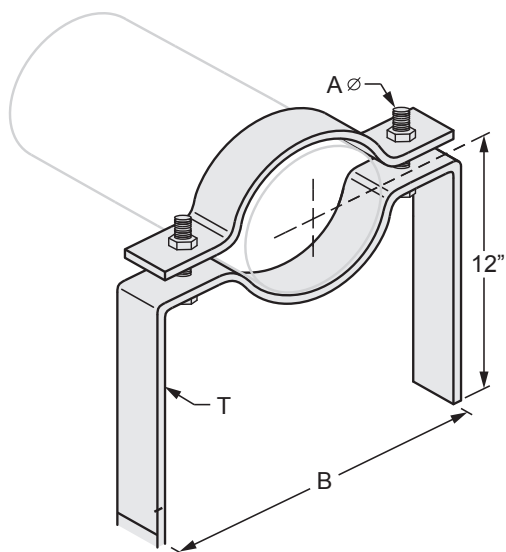
STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W540 1 06** = STAINLESS STEEL (304)

8

EXTENDED PIPE CLAMP » SERIES W550

EXTENDED PIPE

**SIZE RANGE:**

3/4" through 8" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; pipe size; finish; and Series #

FUNCTION:

Designed for direct welding of hanger to steel structure

AVAILABLE IN:

304 & 316 stainless steel

EXTENDED PIPE CLAMP (SERIES W550)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	THICKNESS (T)	LBS./ 100 PCS.
	W550106	3/4"	3/8"	4 1/8"	7 ga. x 1 1/4"	182
	W550110	1"	3/8"	4 1/4"	7 ga. x 1 1/4"	225
	W550112	1 1/4"	3/8"	4 3/4"	7 ga. x 1 1/4"	239
	W550114	1 1/2"	3/8"	5"	7 ga. x 1 1/4"	244
	W550120	2"	3/8"	6"	3 ga. x 1 1/4"	319
	W550124	2 1/2"	3/8"	6 1/2"	3 ga. x 1 1/4"	334
	W550130	3"	3/8"	7"	3 ga. x 1 1/4"	354
	W550140	4"	1/2"	9"	3 ga. x 1 1/2"	475
	W550150	5"	1/2"	10 1/8"	3 ga. x 1 1/2"	475
	W550160	6"	1/2"	12"	3 ga. X 2"	383
	W550180	8"	1/2"	14 1/8"	3 ga. X 2"	925

! All above pipe clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W550106** = STAINLESS STEEL (304)

8

SERIES W560 « INSULATION PROTECTION SHIELD

INSULATION PROTECTION SHIELD

SIZE RANGE:

Sizes 0 through 20 pipe size (see table below)

MATERIAL:

Carbon steel

FINISH:

Electro-galvanized

ORDERING:

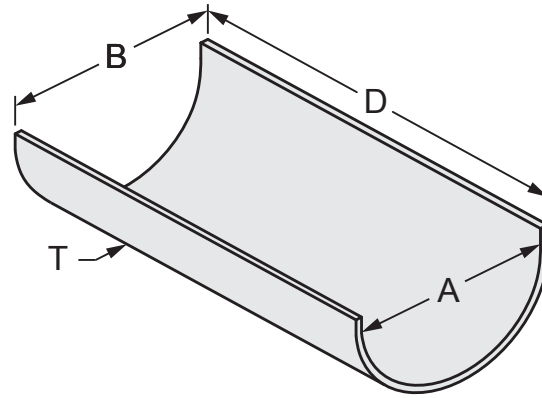
Specify shield size; pipe size; finish; insulation thickness; and Series #

FUNCTION:

Designed to protect pipe insulation from crushing when used with hangers

AVAILABLE IN:

Pre-galvanized, 304 & 316 stainless steel

**INSULATION PROTECTION SHIELD (SERIES W560)**

	PART #	SHIELD SIZE	SHIELD I.D. SIZE (A)	MAX O.D. OF INSULATION SIZE (B)	SIZE (D)	THICKNESS (T)	LBS./100 PCS.
	W560200	0	17/8"	1.9"	12"	18 ga.	45
	W560201	1	2 3/8"	2.4"	12"	18 ga.	66
	W560202	2	2 7/8"	2.9"	12"	18 ga.	78
	W560203	3	3 1/2"	3.5"	12"	18 ga.	98
	W560204	4	4"	4.0"	12"	18 ga.	109
	W560205	5	4 1/2"	4.5"	12"	18 ga.	122
	W560206	6	5"	5.0"	12"	18 ga.	145
	W560207	7	5 1/2"	5.6"	12"	18 ga.	155
	W560208	8	6 5/8"	6.7"	12"	16 ga.	172
	W560209	9	7 5/8"	7.7"	12"	16 ga.	188
	W560210	10	8 5/8"	8.7"	12"	16 ga.	210
	W560211	11	7 5/8"	7.7"	18"	16 ga.	221
	W560212	12	8 5/8"	8.7"	18"	16 ga.	232
	W560213	13	9 5/8"	9.7"	18"	16 ga.	247
	W560214	14	10 3/4"	10.8"	18"	16 ga.	288
	W560215	15	11 3/4"	11.8"	24"	14 ga.	305
	W560216	16	12 3/4"	12.8"	24"	14 ga.	320
	W560217	17	14"	14.0"	24"	14 ga.	390
	W560218	18	15"	15.0"	24"	14 ga.	410
	W560219	19	16"	16.0"	24"	14 ga.	450
	W560220	20	17"	17.0"	24"	14 ga.	505

NOMINAL PIPE SIZE

	1/2"	3/4"	1"	1 1/2"	2"
1/2"	0	1	-	-	-
3/4"	1	1	2	4	6
1"	1	2	3	5	7
1 1/4"	2	3	3	6	7
1 1/2"	2	3	4	6	7
2"	3	4	5	7	8
2 1/2"	4	5	6	7	8
3"	5	6	7	8	9
3 1/2"	-	-	8	9	10
4"	-	-	8	9	10
5"	-	-	11	12	13
6"	-	-	12	13	14
8"	-	-	14	15	16
10"	-	-	16	17	18
12"	-	-	18	19	20

INSULATION THICKNESS

PIPE & RISER
CLAMPS

! All protection shields are electro-galv. To order other finishes, change the 5th character in the part # as seen below:

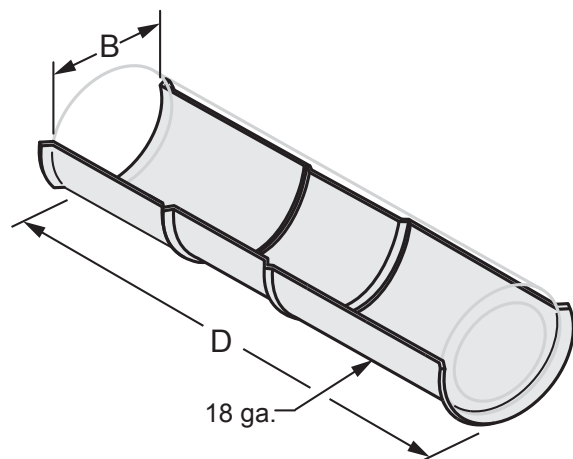
STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 PRE-GALVANIZED = 4

Example: **W560 2 00** = PRE-GALV

4

SELF CENTERING INSULATION SHIELD » SERIES W561

SELF CENTERING SHIELD

**MATERIAL:**

Low carbon steel

FINISH:

Pre-galvanized

ORDERING:

Specify inside shield diameter and Series #

FUNCTION:

Designed to provide maximum protection to the insulation. The centering ribs are spaced to center the hanger on the shield, providing equal load distribution. The shield is furnished with flared ends to prevent it from cutting into the insulation.

AVAILABLE IN:

304 & 316 stainless steel

SERIES W561 « SELF CENTERING INSULATION SHIELD

SELF CENTERING SHIELD

SELF CENTERING INSULATION SHIELD (SERIES W561)

PART #	INSIDE DIAMETER OF SHIELD (B)	SHIELD LENGTH (D)	HANGER SIZE	RIB SPACING	LBS./ INCH
W561223	2 3/8"	8"	2"	1 1/4"	.35
W561225	2 5/8"	8"	2 1/2"	1 1/4"	.37
W561227	2 7/8"	8"	2 1/2"	1 1/4"	.42
W561234	3 1/2"	8"	3"	1 1/4"	.56
W561240	4"	8"	3 1/2"	1 1/4"	.63
W561244	4 1/2"	8"	4"	1 1/4"	.72
W561250	5"	8"	5"	1 1/4"	.82
W561255	5 5/8"	8"	5"	1 1/4"	.92
W561260	6"	8"	6"	2"	.98
W561265	6 5/8"	8"	6"	2"	1.08
W561275	7 5/8"	12"	8"	2"	2.16
W561285	8 5/8"	12"	8"	2"	2.43
W561295	9 5/8"	12"	10"	2"	2.73
W5612106	10 3/4"	12"	10"	2"	3.06
W5612116	11 3/4"	12"	12"	2 1/4"	3.34
W5612126	12 3/4"	12"	12"	2 1/4"	3.60
W5612140	14"	12"	14"	2 1/4"	3.96
W5612150	15"	12"	16"	2 3/4"	4.23
W5612160	16"	12"	16"	2 3/4"	2.35
W5612140	17"	12"	18"	2 3/4"	2.80
W5612180	18"	12"	18"	2 3/4"	5.08
W5612190	19"	12"	20"	3 1/4"	5.36
W5612200	20"	12"	20"	3 1/4"	5.56
W5612210	21"	12"	24"	3 1/4"	5.90

NOTE: *All shields furnished with flared ends.

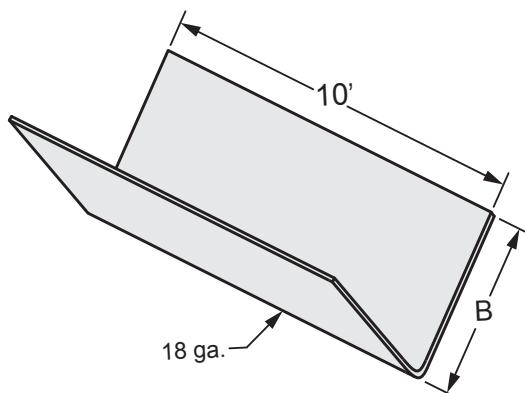
! Above insulation shield are electro-galvanized. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W561 2 23** = STAINLESS STEEL (304)
8

PLASTIC PIPE SUPPORT TROUGH » SERIES W562

SUPPORTS/SADDLES

**MATERIAL:**

Low carbon steel

FINISH:

Electro-galvanized

ORDERING:

Specify trough size; pipe size; and Series #

FUNCTION:

Designed for use with Series W413 as a support for plastic or other flexible pipe systems. Hangers should be placed as close to the trough joints as possible.

AVAILABLE IN:

304 & 316 stainless steel

PLASTIC PIPE SUPPORT TROUGH (SERIES W562)

	PART #	SIZE (B)	PIPE SIZE	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./PER PCS.
	W562214	1 1/2"	1/2" - 2"	150	5.4
	W562230	3"	2 1/2" - 4"	150	10.8

! All support troughs are electro-galvanized. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W562 2 14** = STAINLESS STEEL (304)
8

SERIES W570 « PIPE COVERING PROTECTION SADDLE

SUPPORTS/SADDLES

SIZE RANGE:

3/4" through 24" pipe sizes

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

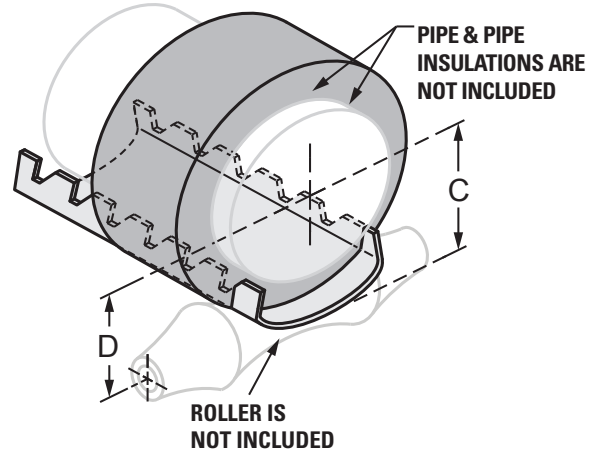
Specify pipe size; finish; and Series #

FUNCTION:

Recommended for the suspension of insulated pipe lines normally used with weldless eye nut

AVAILABLE IN:

304 & 316 stainless steel

**PIPE COVERING PROTECTION SADDLE (SERIES W570)**

	PART #	FIGURE NO.	PIPE SIZE	ACTUAL THICKNESS OF COVERING	HANGER ROLLER SIZE		CENTER LINE OF PIPE TO CENTER LINE OF SADDLE (C)	CENTER LINE OF PIPE TO CENTER LINE OF ROLLER (D)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
					SERIES 630	SERIES 610				
	W570101	1	3/4	7/8	2	2 1/2	1 9/16	1 15/16	1200	93
	W570102	2	3/4	17/16	3	3 1/2	2 1/8	2 5/8	1200	174
	W570103	3	3/4	2 1/16	4	5	2 3/4	3 3/8	1200	260
	W570104	4	1	11/16	2 1/2	3	1 13/16	2 1/4	1200	93
	W570105	5	1	19/16	3	4	2 7/16	2 15/16	1200	174
	W570106	6	1	2 1/8	4	5	2 7/8	3 1/2	1200	260
	W570107	7	1 1/4	7/8	2 1/2	3	1 15/16	2 1/2	1200	132

NOTE: *Part list continues on next page.

! All protection saddles are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W570 101** = STAINLESS STEEL (304)

8

PIPE COVERING PROTECTION SADDLE >> SERIES W570

SADDLES

PIPE COVERING PROTECTION SADDLE (SERIES W570) *continued*

	PART #	FIGURE NO.	PIPE SIZE	ACTUAL THICKNESS OF COVERING	HANGER ROLLER SIZE		CENTER LINE OF PIPE TO CENTER LINE OF SADDLE (C)	CENTER LINE OF PIPE TO CENTER LINE OF ROLLER (D)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
					SERIES 630	SERIES 610				
	W570108	8	1 1/4	15/8	3 1/2	5	2 9/16	3 1/8	1200	182
	W570109	9	1 1/4	2 1/16	5	5	3 1/16	3 11/16	1200	260
	W570110	10	1 1/2	1	3	3 1/2	2 1/8	2 5/8	1200	132
	W570111	11	1 1/2	1 1/2	3 1/2	5	2 11/16	3 1/4	1200	182
	W570112	12	1 1/2	2 5/16	5	6	3 7/16	4 1/8	1800	275
	W570113	13	1 1/2	2 13/16	7	7	3 13/16	4 5/8	1800	301
	W570114	14	2	1 1/16	3 1/2	4	2 7/16	3	1200	134
	W570115	15	2	19/16	4	5	2 7/8	3 1/2	1200	198
	W570116	16	2	2 1/8	5	6	3 11/16	4 3/8	1800	280
	W570117	17	2	2 5/8	7	7	3 15/16	4 3/4	1800	318
	W570118	18	2	3 1/8	8	8	4 11/16	5 1/2	1800	397
	W570119	19	2 1/2	1 1/16	3 1/2	5	2 11/16	3 1/4	1200	134
	W570120	20	2 1/2	1 7/8	5	6	3 3/4	4 1/8	1800	198
	W570121	21	2 1/2	2 5/16	6	7	3 15/16	4 5/8	1800	280
	W570122	22	2 1/2	2 7/8	7	7	4 7/16	5 1/4	1800	320
	W570123	23	2 1/2	3 3/8	8	10	4 15/16	5 3/4	1800	398
	W570124	24	3	1	4	5	2 15/16	3 1/2	1200	148
	W570125	25	3	19/16	5	6	3 1/2	4 3/16	1800	208
	W570126	26	3	2 1/16	7	7	4 1/8	4 7/8	1800	290
	W570127	27	3	2 9/16	8	8	4 11/16	5 3/8	1800	301
	W570128	28	3	3 1/16	10	10	5	5 15/16	1800	449
	W570129	29	3 1/2	1 1/4	5	6	3 7/16	4	1200	148
	W570130	30	3 1/2	1 13/16	7	7	4	4 11/16	1800	208
	W570131	31	3 1/2	2 1/4	8	8	4 3/8	5 3/16	1800	290
	W570132	32	3 1/2	2 3/4	8	10	4 13/16	5 3/4	1800	343
	W570133	33	3 1/2	3 5/16	10	10	5 1/2	6 7/16	1800	449
	W570134	34	4	1 1/16	5	6	3 9/16	4 3/16	1800	158
	W570135	35	4	19/16	7	7	3 7/8	4 11/16	1800	214
	W570136	36	4	2 1/16	8	8	4 11/16	5 1/4	1800	295
	W570137	37	4	2 9/16	8	10	5 1/8	6 1/16	1800	343
	W570138	38	4	3 1/16	10	10	5 9/16	6 1/4	1800	449
	W570139	39	4	1	7	7	4 1/8	4 13/16	1800	262
	W570140	40	5	1 1/2	8	8	4 1/2	5 5/16	1800	330
	W570141	41	5	2	8	10	4 15/16	5 7/8	1800	345
	W570142	42	5	2 9/16	10	12	5 9/16	6 1/2	1800	685
	W570143	43	5	3 1/16	10	12	6 1/8	7 1/16	1800	449
	W570144	44	5	4 3/16	12	14	7 3/16	8 1/4	1800	609
	W570145	45	6	1	8	8	4 9/16	5 3/8	1800	382
	W570146	46	6	1 1/2	8	10	5 1/16	5 7/8	1800	428
	W570147	47	6	2	10	12	5 1/2	6 1/2	1800	540
	W570148	48	6	2 1/2	10	12	6 1/16	7 1/16	1800	685
	W570149	49	6	3	12	12	6 9/16	7 5/8	1800	769
	W570150	50	6	4 1/8	14	16	7 5/8	9 1/8	1800	1024
	W570151	51	8	1 1/2	10	12	6	7 1/8	1800	582

NOTE: *Part list continues on next page.

! All protection saddles are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W570 1 01** = STAINLESS STEEL (304)
8

SERIES W570 « PIPE COVERING PROTECTION SADDLE

SADDLES

PIPE COVERING PROTECTION SADDLE (SERIES W570)

	PART #	FIGURE NO.	PIPE SIZE	ACTUAL THICKNESS OF COVERING	HANGER ROLLER SIZE		CENTER LINE OF PIPE TO CENTER LINE OF SADDLE (C)	CENTER LINE OF PIPE TO CENTER LINE OF ROLLER (D)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
					SERIES 630	SERIES 610				
	W570152	52	8	2	12	12	6 1/2	7 5/8	1800	641
	W570153	53	8	2 11/16	12	14	7 1/4	8 5/16	1800	721
	W570154	54	8	3 1/8	14	16	7 5/8	9 1/8	1800	914
	W570155	55	8	4 1/8	16	18	8 11/16	10 1/8	1800	1024
	W570156	56	10	1 9/16	12	14	7 1/4	8 5/16	1800	666
	W570157	57	10	2 1/16	14	16	7 5/8	9 1/16	1800	857
	W570158	58	10	2 9/16	14	16	8 3/16	9 5/8	1800	891
	W570159	59	10	3 1/16	16	18	8 7/8	10 1/4	1800	1110
	W570160	60	10	4 1/16	18	20	9 11/16	11 5/16	1800	1410
	W570161	61	12	1 1/2	14	16	8 1/8	9 5/8	5000	761
	W570162	62	12	2 1/16	16	18	8 13/16	10 3/16	5000	873
	W570163	63	12	2 5/8	16	18	9 1/8	10 11/16	5000	969
	W570164	64	12	3 1/16	18	20	9 11/16	11 5/16	5000	1138
	W570165	65	12	4 1/8	20	-	10 13/16	12 3/8	5000	1420
	W570166	66	14	1 1/2	16	18	8 7/8	10 3/16	5000	767
	W570167	67	14	2	16	18	9 1/4	10 3/4	5000	943
	W570168	68	14	2 1/2	18	20	9 3/4	11 5/16	5000	969
	W570169	69	14	3	18	20	10 1/4	11 7/8	5000	1182
	W570170	70	14	4	20	-	11 7/16	13 1/8	7200	1848
	W570171	71	16	1 1/2	18	20	9 7/8	11 3/8	5000	835
	W570172	72	16	2	18	20	10 1/4	11 7/8	5000	1000
	W570173	73	16	2 1/2	20	-	10 7/8	12 7/16	7200	1462
	W570174	74	16	3	24	-	11 3/16	13 1/18	7200	1817
	W570175	75	16	4	24	-	12 5/16	14 3/16	7200	2180
	W570176	76	18	1 1/2	20	-	10 7/8	12 1/2	5000	892
	W570177	77	18	2	20	-	11 1/2	13 1/16	7200	1319
	W570178	78	18	2 1/2	24	-	12	13 5/16	7200	1689
	W570179	79	18	3	24	-	12 5/16	14 1/4	7200	1820
	W570180	80	18	4	24	-	13 1/2	15 7/16	7200	2195
	W570181	81	20	1 1/2	24	-	11 3/4	13 11/16	7200	1376
	W570182	82	20	2	24	-	2 5/16	14 1/4	7200	1498
	W570183	83	20	2 1/2	24	-	12 7/8	14 13/16	7200	1679
	W570184	84	20	3	24	-	13 1/2	15 1/2	7200	1840
	W570185	85	20	4	30	-	14 3/16	16 5/8	7200	2283
	W570186	86	24	1 1/2	30	-	13 5/8	16 1/16	7200	1605

! All protection saddles are plain steel. To order other finishes, change the 5th character in the part # as seen below:

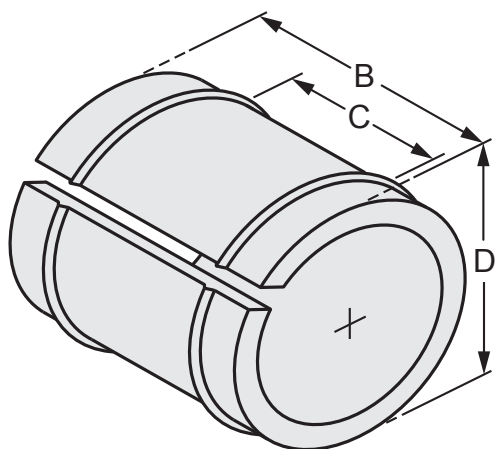
STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W570 101** = STAINLESS STEEL (304)

8

I.S.P. FELT ISOLATOR » SERIES W585

FELT ISOLATOR

**SIZE RANGE:**

1/2" through 6" pipe size

MATERIAL:

Steel with felt lining

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

FUNCTION:

Designed to dampen sound vibration and prevent transmission of sound to the building structure. The felt is coated with a non-conducting binder to resist effects of moisture, abrasion and temperature and is chemically treated to repel vermin.

I.S.P. FELT ISOLATOR (SERIES W585)

	PART #	PIPE SIZE	SIZE (B)	SIZE (C)	SIZE (D)	USE WITH HANGER SIZE	LBS./ 100 PCS.
	W585104	1/2"	2"	1 1/4"	1 5/32"	3/4"	4.5
	W585106	3/4"	2"	1 1/4"	1 5/16"	1"	5.5
	W585110	1"	2"	1 1/4"	1 21/32"	1 1/4"	7.0
	W585112	1 1/4"	2"	1 1/4"	1 29/32"	1 1/2"	8.0
	W585114	1 1/2"	2"	1 1/4"	2 3/8"	2"	10
	W585120	2"	2"	1 1/4"	2 7/8"	2 1/2"	15.5
	W585124	2 1/2"	2 1/2"	1 1/4"	3 1/2"	3"	23.5
	W585130	3"	2 1/2"	1 1/4"	4"	3 1/2"	28
	W585134	3 1/2"	3 1/4"	1 1/4"	4 1/2"	4"	46
	W585140	4"	3 5/8"	1 3/8"	5 9/16"	5"	68
	W585150	5"	4"	2"	6 5/8"	6"	115
	W585160	6"	4 1/2"	2"	8 5/8"	8"	190

SERIES W586 « COPPER TUBING FELT ISOLATOR

FELT ISOLATOR

SIZE RANGE:

1/2" through 6" pipe size

MATERIAL:

Steel with felt lining

FINISH:

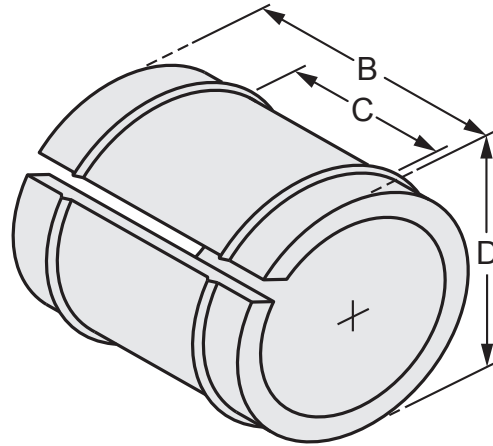
Plain

ORDERING:

Specify pipe size; finish; and Series #

FUNCTION:

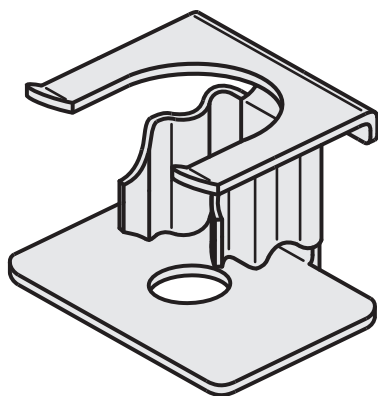
Designed to dampen sound vibration and prevent transmission of sound to the building structure. The felt is coated with a non-conducting binder to resist effects of moisture, abrasion and temperature and is chemically treated to repel vermin.

**COPPER TUBING FELT ISOLATOR (SERIES W586)**

	PART #	PIPE SIZE	SIZE (B)	SIZE (C)	SIZE (D)	USE WITH HANGER SIZE	LBS./ 100 PCS.
	W586104	1/2"	2"	1 1/4"	1 5/32"	3/4"	4.5
	W586106	3/4"	2"	1 1/4"	1 5/32"	3/4"	4.5
	W586110	1"	2"	1 1/4"	1 5/16"	1"	5.5
	W586112	1 1/4"	2"	1 1/4"	1 21/32"	1 1/4"	7.0
	W586114	1 1/2"	2"	1 1/4"	1 29/32"	1 1/2"	9.0
	W586120	2"	2"	1 1/4"	2 3/8"	2"	10
	W586124	2 1/2"	2"	1 1/4"	2 7/8"	2 1/2"	12
	W586130	3"	2 1/2"	1 1/4"	3 1/2"	3"	25.5
	W586134	3 1/2"	2 1/2"	1 1/4"	4"	3 1/2"	30
	W586140	4"	3 1/4"	1 1/4"	4 1/2"	4"	46
	W586150	5"	3 5/8"	1 3/8"	5 9/16"	5"	58
	W586160	6"	4"	2"	6 5/8"	6"	95

SURGE RESTRAINT » SERIES W580

SURGE HANGERS

**SIZE RANGE:**

3/4" through 2" pipe size IP

MATERIAL:

Spring steel

FINISH:

Powder coating

INSTALL:

Install easily before or after pipe installation and without tools. Simply clip Series W866 or W867 onto Series W305 ring hanger and run the hanger rod down to the bottom plate surface to ensure proper restraint.

APPROVALS:

Underwriters Laboratories listed for US and Canada

FUNCTION:

Designed to restrict the upward movement of activated fire sprinkler systems. Grips ring hanger, NOT THE NUT, and allows for fine tuning adjustments. Listed for use with PHD Manufacturing, Inc. Series W305 ring hangers only.

*NOTE: *For use up to 2" pipe, one size fits all..*

SERIES W581 « SURGE RING HANGER

SURGE HANGERS

SIZE RANGE:

3/4" through 2" pipe size

MATERIAL:

Carbon steel

FINISH:

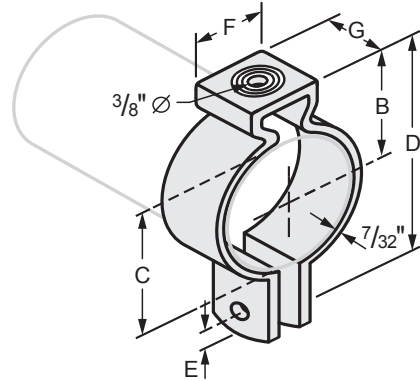
Electro-galvanized

ORDERING:

Specify pipe size; finish; and Series #

FUNCTION:

Recommended for the suspension of non-insulated stationary pipe lines

**SURGE RING HANGER (SERIES W581)**

	PART #	PIPE SIZE	SIZE (B)	MIN. (C)	MAX. (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (G)
	W581206	3/4"	7/8"	13/16"	1"	2"	1/4"	7/8"	7/8"
	W581210	1"	1 1/4"	1"	1 3/8"	2 3/8"	3/8"	1"	7/8"
	W581212	1 1/4"	1 3/8"	1 1/2"	1 5/8"	2 7/8"	3/8"	1"	7/8"
	W581214	1 1/2"	1 5/8"	1 5/8"	2"	3 1/4"	3/8"	1 1/8"	1"
	W581220	2"	1 7/8"	2 1/4"	2 1/2"	3 3/4"	3/8"	1 1/4"	1 1/4"

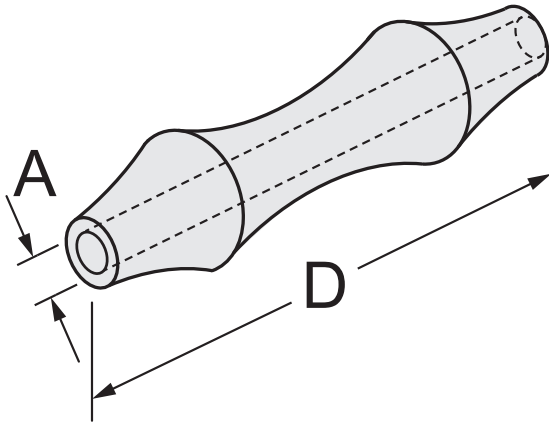
SECTION 7

G-FORCE® ROLLER SUPPORTS & STRAPS

Pipe roller supports are designed to allow for horizontal movement due to expansion & contraction of insulated & non-insulated pipe.

CAST IRON PIPE ROLLER » SERIES W600

ROLLERS

**SIZE RANGE:**

2" through 20" pipe size

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

FUNCTION:

Recommended/designed for the pipe lines where horizontal movement may take place due to expansion and contraction

CAST IRON PIPE ROLLER (SERIES W600)

	PART #	PIPE SIZE	SIZE (A)	SIZE (D)	LBS./ 100 PCS.
	W600120	2"	3/8"	2 5/8"	40
	W600124	2 1/2"	1/2"	3 1/8"	70
	W600130	3"	1/2"	3 3/4"	77
	W600134	3 1/2"	1/2"	4 1/4"	95
	W600140	4"	1/2"	4 3/4"	116
	W600150	5"	5/8"	5 3/4"	179
	W600160	6"	3/4"	6 7/8"	312
	W600180	8"	7/8"	8 7/8"	500
	W6001100	10"	7/8"	11"	665
	W6001120	12"	7/8"	13"	779
	W6001140	14"	1 1/8"	14 1/4"	1698
	W6001160	16"	1 1/4"	16 1/4"	2230
	W6001180	18"	1 1/4"	18 1/4"	2485
	W6001200	20"	1 1/4"	20 1/4"	3290

SERIES W601 << SHORT PIPE ROLLER

SHORT ROLLER

SIZE RANGE:

2" through 42" pipe size

MATERIAL:

Cast iron

FINISH:

Plain

ORDERING:

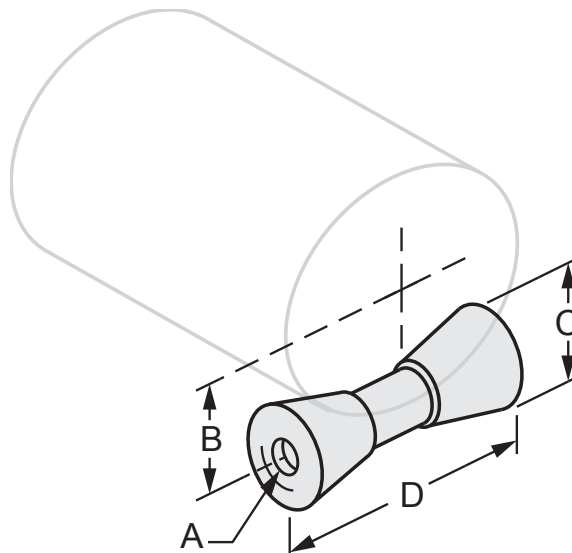
Specify rod size; pipe size; finish; and Series #

FUNCTION:

Designed for supporting pipe in applications where horizontal movement may occur due to expansion and contraction

AVAILABLE IN:

Electro-galvanized



SHORT PIPE ROLLER (SERIES W601)

PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./100 PCS.
W610120	2"	9/16"	1 13/16"	1 15/16"	2 3/4"	390	135
W610124	2 1/2"	9/16"	2 1/8"	1 15/16"	2 3/4"	390	175
W610130	3"	9/16"	2 7/16"	1 15/16"	2 3/4"	390	200
W610134	3 1/2 "	9/16"	2 11/16"	1 15/16"	2 3/4"	390	260
W610140	4"	9/16"	3"	2 1/4"	3 3/4"	950	300
W610150	5"	9/16"	3 9/16"	2 1/4"	3 3/4"	950	512
W610160	6"	9/16"	4 1/8"	2 1/4"	3 3/4"	950	650
W610180	8"	13/16"	5 1/4"	3 3/16"	6"	2100	1200
W6101100	10"	13/16"	6 3/8"	3 3/16"	6"	2100	1715
W6101120	12"	1"	7 1/2"	4"	8"	3075	2750
W6101140	14"	1"	8 3/16"	4"	8"	3075	3600
W6101160	16"	1 1/4"	9 5/16"	4 1/2"	9"	4980	4945
W6101180	18"	1 1/4"	10 3/8"	4 1/2"	9"	4980	5535
W6101200	20"	1 1/4"	11 7/16"	4 1/2"	9"	4980	6335
W6101240	24"	1 1/2"	13 7/16"	4 3/8"	10"	6100	3600
W6101300	30"	1 7/8"	16 9/16"	5 3/16"	12 1/4"	7500	4945
W6101360	36"	2 1/8"	19 11/16"	6"	14"	12000	5535
W6101420	42"	2 1/8"	22 3/4"	6"	14"	12000	6335

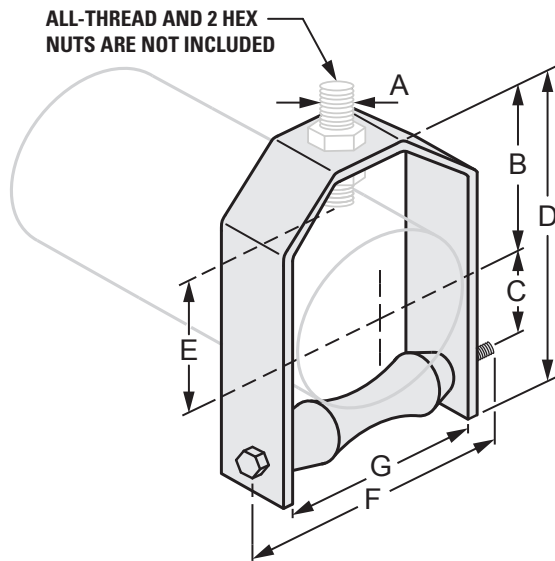
! All above pipe rollers are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: **W610120** = ELECTRO GALV
2

ADJUSTABLE ROLLER HANGER » SERIES W610

ADJUSTABLE ROLLER HANGERS

**SIZE RANGE:**

2" through 20" pipe size

MATERIAL:

Carbon steel yoke and cast iron roller

FINISH:

Plain

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

Complies with MSS SP-69 (Type 43)

FUNCTION:

For the suspension of pipe lines where horizontal movement may occur due to expansion & contraction

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

ADJUSTABLE ROLLER HANGER (SERIES W610)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (G)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./100 PCS.
	W610120	2"	1/2"	4"	1 5/8"	6 1/2"	3"	4 1/4"	2 5/8"	280	135
	W610124	2 1/2"	1/2"	3 7/8"	2"	6 5/8"	2 3/4"	4 3/4"	3 3/8"	280	175
	W610130	3"	1/2"	4 3/8"	2 1/4"	7 1/4"	3 3/8"	5 1/2"	3 3/4"	310	200
	W610134	3 1/2"	1/2"	4 5/8"	2 1/2"	8"	3 5/8"	6"	4 1/4"	390	260
	W610140	4"	5/8"	4 3/4"	2 3/4"	8 1/2"	3 3/4"	6 1/2"	4 7/8"	475	300
	W610150	5"	5/8"	5 7/8"	3 3/8"	9 7/8"	4 1/4"	8"	5 7/8"	685	512
	W610160	6"	3/4"	5 7/8"	4"	11 3/8"	4 1/4"	9"	7"	780	650
	W610180	8"	7/8"	7 1/4"	5 1/8"	13 3/4"	5 1/2"	12"	9"	780	1200
	W6101100	10"	7/8"	9"	6 3/8"	17"	6 7/8"	14 1/4"	11"	965	1715
	W6101120	12"	7/8"	9 5/8"	7 3/8"	18 7/8"	7 7/8"	17"	13"	965	2750
	W6101140	14"	1"	11 1/4"	8 3/8"	21 7/8"	9 1/4"	18 1/2"	14 1/4"	1200	3600
	W6101160	16"	1"	12 1/4"	9 3/8"	24 1/8"	10 1/4"	20"	16 1/4"	1200	4945
	W6101180	18"	1"	13 1/4"	10 1/2"	26 1/2"	11 1/4"	22"	18 1/4"	1400	5535
	W6101200	20"	1"	14 1/4"	11 5/8"	28 1/8"	12 1/4"	24"	20 1/4"	1600	6335

! All above roller hangers are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2 STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W610.120** = ELECTRO GALV
2

SERIES W620 « CHAIR TYPE ROLLER SUPPORT

CHAIR ROLLER SUPPORT

SIZE RANGE:

2" through 24" pipe size

MATERIAL:

Cast iron roller, carbon steel chair and hardware

FINISH:

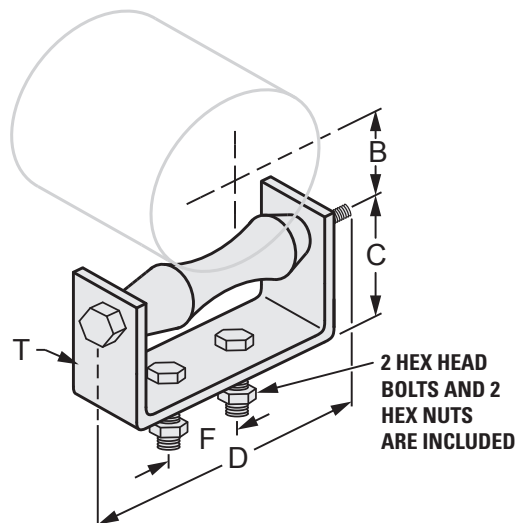
Plain

ORDERING:

Specify rod size; pipe size; finish; and Series #

FUNCTION:

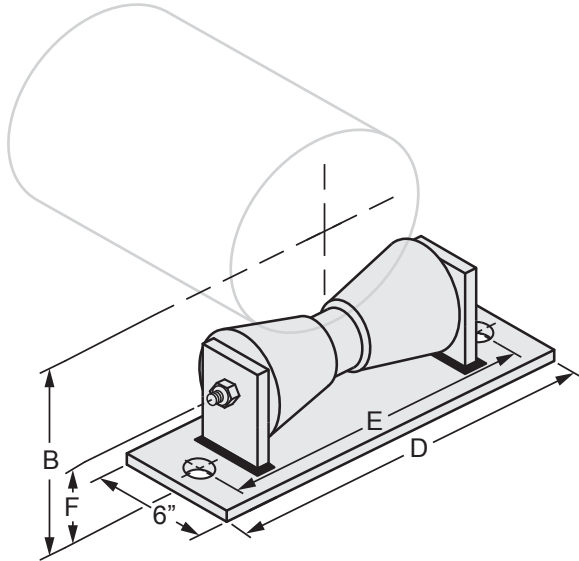
Pipe support designed for pipe lines where horizontal movement may take place due to expansion and contraction

**SHORT PIPE ROLLER (SERIES W601)**

	PART #	PIPE SIZE	SIZE (B)	SIZE (C)	SIZE (D)	THICKNESS (T)	SIZE (F)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
	W620120	2"	1 5/8"	1 1/2"	3 7/8"	3 ga. X 1 1/4"	1 1/4"	390	106
	W620124	2 1/2"	2"	1 5/8"	5"	3 ga. X 1 1/4"	1 1/4"	390	144
	W620130	3"	2 1/4"	1 3/4"	5 3/8"	3 ga. X 1 1/4"	2"	390	163
	W620134	3 1/2"	2 5/8"	2"	6 1/4"	3/8" X 1 1/2"	2"	390	252
	W620140	4"	2 3/4"	2 1/4"	6 3/4"	3/8" X 1 1/2"	2"	950	288
	W620150	5"	3 1/2"	2 1/2"	8"	3/8" X 1 1/2"	3"	950	400
	W620160	6"	4"	2 3/4"	9 1/8"	3/8" X 2"	3 1/4"	950	625
	W620180	8"	5 1/8"	3"	11 1/2"	3/8" X 2"	3 3/8"	1350	731
	W6201100	10"	6 3/8"	3 5/8"	14 1/4"	1/2" X 2"	5 1/4"	1750	1158
	W6201120	12"	7 1/2"	4 1/8"	16 1/4"	1/2" X 2"	5 1/2"	2400	1525
	W6201140	14"	8 3/8"	4 5/8"	18"	1/2" X 2 1/2"	6 1/2"	3130	2807
	W6201160	16"	9 1/2"	5 3/8"	20"	1/2" X 3"	8 1/4"	3970	3493
	W6201180	18"	10 1/2"	6 5/8"	23"	1/2" X 3"	9 1/4"	2400	4435
	W6201200	20"	11 5/8"	6 3/8"	26"	5/8" X 3"	10 3/8"	4550	5634
	W6201240	24"	14"	9 1/4"	30"	3/4" X 4"	12 1/4"	6160	8752

PIPE ROLLER STAND » SERIES W621

ROLLER STANDS

**SIZE RANGE:**

2" through 6" pipe size. Pipe roller size shown is for bare pipe.

MATERIAL:

Cast iron pipe roller with low carbon steel stand and axle

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specifications A-A-1192A (Type 44) and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 44)

FUNCTION:

Designed to support pipe in applications where horizontal movement, due to expansion and contraction, will occur

AVAILABLE IN:

Electro-galvanized

PIPE ROLLER STAND (SERIES W621)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
	W621120	2"	1"	3 1/2"	8 3/8"	6 3/8"	13/4"	390	448
	W621124	2 1/2"	1"	3 7/8"	8 3/8"	6 3/8"	13/4"	390	448
	W621130	3"	1"	4 1/8"	8 3/8"	6 3/8"	13/4"	390	448
	W621134	3 1/2"	1"	4 3/8"	8 3/8"	6 3/8"	13/4"	390	448
	W621140	4"	1"	4 13/16"	9 7/8"	7 7/8"	2 1/16"	950	685
	W621150	5"	1"	5 7/16"	9 7/8"	7 7/8"	2 1/16"	950	685
	W621160	6"	1"	6 1/16"	9 7/8"	7 7/8"	2 1/16"	950	685

! All above roller stands are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: W621 ~~1~~20 = ELECTRO GALV
2

SERIES W622 « PIPE ROLLER STAND

ROLLER STANDS

SIZE RANGE:

8" through 42" pipe size. Pipe roller size shown is for bare pipe.

MATERIAL:

Cast iron pipe roller with low carbon steel stand and axle

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

APPROVALS:

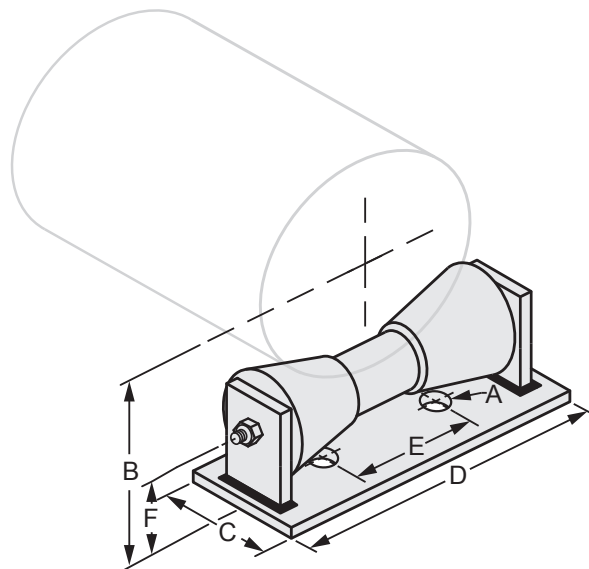
Complies with Federal Specifications A-A-1192A (Type 44) and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 44)

FUNCTION:

Designed to support pipe in applications where horizontal movement, due to expansion and contraction, will occur

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

**PIPE ROLLER STAND (SERIES W622)**

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./100 PCS.
	W622180	8"	1"	8 11/16"	7"	8 5/8"	4 1/8"	3 7/16"	2100	1409
	W6221100	10"	1"	9 13/16"	7"	8 5/8"	4 1/8"	3 7/16"	2100	1409
	W6221120	12"	1"	11 3/8"	8"	10 7/8"	5 13/16"	3 7/8"	3075	2209
	W6221140	14"	1"	12"	8"	10 7/8"	5 13/16"	3 7/8"	3075	2209
	W6221160	16"	1"	13 5/8"	9"	12 1/2"	6 7/8"	4 1/4"	4980	3200
	W6221180	18"	1"	14 5/8"	9"	12 1/2"	6 7/8"	4 1/4"	4980	3200
	W6221200	20"	1"	15 5/8"	9"	12 1/2"	6 7/8"	4 1/4"	4980	3200
	W6221240	24"	1"	17 3/4"	9"	13 1/2"	7 5/8"	4 3/8"	6100	4143
	W6221300	30"	1"	21 7/8"	12"	17"	10"	5 1/8"	7500	8000
	W6221360	36"	1"	25 3/4"	12"	20"	12"	5 3/4"	12000	12500
	W6221420	42"	1"	28 7/8"	12"	20"	12"	5 3/4"	12000	12500

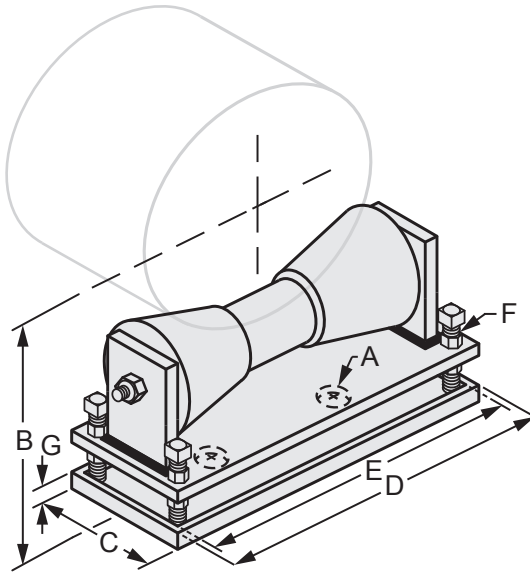
! All above roller stands are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2 STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: W622180 = ELECTRO GALV
2

ADJUSTABLE PIPE ROLLER STAND WITH BASE >> SERIES W623

ROLLER STAND



SIZE RANGE:

2" through 42" pipe size. Pipe roller size shown is for bare pipe.

MATERIAL:

Cast iron pipe roller with low carbon steel stand, axle, and adjusting screws with locknuts

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specifications A-A-1192A (Type 46) and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 46)

FUNCTION:

Designed to support pipe in applications where horizontal movement, due to expansion and contraction, will occur and vertical adjustment is required

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

ADJUSTABLE PIPE ROLLER STAND WITH BASE (SERIES W623)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)		SIZE (C)	SIZE (D)	SIZE (E)	BOLT SIZE (F)	SIZE (G)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./100 PCS.
				MIN.	MAX.							
	W623120	2"	1"	5 1/8"	5 3/8"	5 1/2"	7"	3 7/8"	5/8"	1"	390	1203
	W623124	2 1/2"	1"	5 3/8"	5 5/8"	5 1/2"	7"	3 7/8"	5/8"	1"	390	1203
	W623130	3"	1"	5 3/4"	6"	5 1/2"	7"	3 7/8"	5/8"	1"	390	1203
	W623134	3 1/2"	1"	6"	6 1/4"	5 1/2"	7"	3 7/8"	5/8"	1"	390	1203
	W623140	4"	1"	6 1/2"	7"	5 3/4"	8 3/8"	5 1/8"	5/8"	1"	950	1524
	W623150	5"	1"	7"	7 1/2"	5 3/4"	8 3/8"	5 1/8"	5/8"	1"	950	1524
	W623160	6"	1"	7 5/8"	8 1/8"	5 3/4"	8 3/8"	5 1/8"	5/8"	1"	950	1524
	W623180	8"	1"	10 3/8"	11 5/8"	6 3/4"	10 3/4"	7 3/8"	3/4"	1 1/8"	2100	3059
	W6231110	10"	1"	11 1/2"	12 3/4"	6 3/4"	10 3/4"	7 3/8"	3/4"	1 1/8"	2100	3059
	W6231120	12"	1"	13"	14 1/4"	8"	13 1/8"	9 1/2"	7/8"	1 3/8"	3075	4496
	W6231140	14"	1"	13 5/8"	14 7/8"	8"	13 1/8"	9 1/2"	7/8"	1 3/8"	3075	4496
	W6231160	16"	1"	15 1/4"	16 5/8"	8 5/8"	14 1/2"	11 1/8"	1"	1 3/8"	4980	6410
	W6231180	18"	1"	16 3/8"	17 3/4"	8 5/8"	14 1/2"	11 1/8"	1"	1 3/8"	4980	6410
	W6231200	20"	1"	17 3/8"	18 3/4"	8 5/8"	14 1/2"	11 1/8"	1"	1 3/8"	4980	6410
	W6231240	24"	1"	19 5/8"	21"	8 5/8"	16"	12 1/4"	1"	1 3/8"	6100	7668
	W6231300	30"	1"	24"	26 3/4"	10 1/2"	19 5/8"	15 3/4"	1 1/4"	1 5/8"	7500	14225
	W6231360	36"	1"	13 3/16"	29 3/16"	11 1/2"	22"	16"	1 1/2"	1 5/8"	12000	15623
	W6231420	42"	1"	29 1/4"	32 1/4"	11 1/2"	22"	16"	1 1/2"	1 5/8"	12000	15623

! All above roller stands are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2 STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W623120** = ELECTRO GALV

2

SERIES W630 « TWO ROD TYPE ROLLER HANGER

ROLLER HANGERS

SIZE RANGE:

2" through 30" pipe size.

MATERIAL:

Cast iron pipe roller and sockets, carbon steel hardware

FINISH:

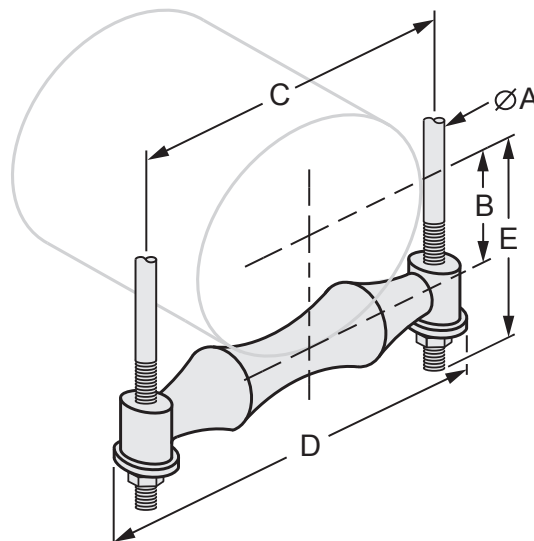
Plain

ORDERING:

Specify rod size; pipe size; finish; and Series #

FUNCTION:

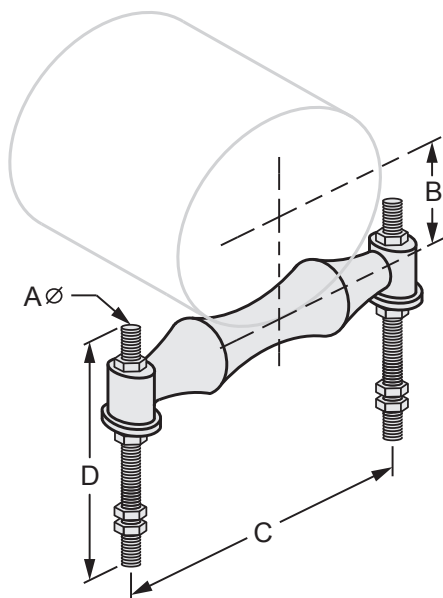
Pipe support designed for the pipe lines where horizontal movement may take place due to expansion and contraction

**TWO ROD TYPE ROLLER HANGER (SERIES W630)**

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS. / 100 PCS.
	W630120	2"	3/8"	1 5/8"	4 1/8"	5 1/4"	3 1/8"	600	57
	W6230124	2 1/2"	1/2"	2"	4 7/8"	6 1/4"	3 5/8"	660	100
	W630130	3"	1/2"	2 1/4"	5 1/2"	6 7/8"	4"	700	110
	W630134	3 1/2"	1/2"	2 1/2"	6 1/8"	7 1/2"	4 1/8"	750	135
	W630140	4"	1/2"	2 3/4"	6 3/4"	8 1/4"	4 3/4"	750	165
	W630150	5"	5/8"	3 1/2"	8"	9 5/8"	5 1/2"	750	257
	W630160	6"	3/4"	4"	9 1/2"	11 1/2"	6 1/2"	1070	445
	W630180	8"	7/8"	5 1/8"	12"	14"	8"	1350	715
	W6301100	10"	7/8"	6 3/8"	14"	16 1/8"	9 1/4"	1730	950
	W6301120	12"	7/8"	7 1/2"	16 1/4"	18"	10 1/2"	2400	1590
	W6301140	14"	1"	8 3/8"	17 3/4"	20 1/8"	12 1/8"	3130	2425
	W6301160	16"	1"	9 1/2"	19 3/4"	22 1/8"	13"	3970	3185
	W6301180	18"	1"	10 1/2"	21 7/8"	24 1/2"	14 1/4"	4200	3550
	W6301200	20"	1 1/4"	11 5/8"	24 1/4"	27 1/2"	15 3/4"	4500	4700
	W6301240	24"	1 1/2"	14"	28 5/8"	32 1/8"	18 3/4"	6160	7630
	W6301300	30"	1 1/2"	17 1/2"	35 1/2"	39"	22 7/8"	7290	12990

ADJUSTABLE TYPE ROLLER SUPPORT >> SERIES W640

ROLLER SUPPORT

**SIZE RANGE:**

2" through 30" pipe size

MATERIAL:

Cast iron pipe roller and sockets, carbon steel hardware

FINISH:

Plain

ORDERING:

Specify rod size; pipe size; finish; and Series #

FUNCTION:

Used to support piping subject to horizontal movement and where vertical adjustment up to 6" may be necessary

ADJUSTABLE TYPE ROLLER SUPPORT (SERIES W640)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	LBS./ 100 PCS.
	W640120	2"	3/8"	1 1/2"	4 1/8"	12"	132
	W640124	2 1/2"	1/2"	1 7/8"	4 7/8"	12"	230
	W640130	3"	1/2"	2 1/4"	5 1/2"	12"	252
	W640134	3 1/2"	1/2"	2 1/2"	6 1/8"	12"	261
	W640140	4"	1/2"	2 3/4"	6 3/4"	12"	388
	W640150	5"	5/8"	3 1/2"	8"	12"	475
	W640160	6"	3/4"	4"	9 1/2"	12"	765
	W640180	8"	7/8"	5 1/8"	12"	12"	1293
	W6401100	10"	7/8"	6 3/8"	14"	12"	1384
	W6401120	12"	7/8"	7 1/4"	16 1/4"	12"	2056
	W6401140	14"	1"	8 1/2"	17 3/4"	12"	2785
	W6401160	16"	1"	9 1/2"	19 3/4"	18"	4305
	W6401180	18"	1"	10 1/2"	21 7/8"	18"	4970
	W6401200	20"	1 1/4"	11 5/8"	24 1/4"	18"	6540
	W6401240	24"	1 1/2"	14"	28 5/8"	24"	11150
	W6401300	30"	1 1/2"	17 1/2"	35 1/2"	24"	20880

SERIES W641 « ADJUSTABLE PIPE ROLLER SUPPORT

ADJUSTABLE ROLLER SUPPORT

SIZE RANGE:

2" through 16" pipe size. Pipe roller size shown is for bare pipe. For proper sizing with insulation, consult the factory.

MATERIAL:

Cast iron pipe roller with low carbon steel rod with four hex nuts

FINISH:

Plain

ORDERING:

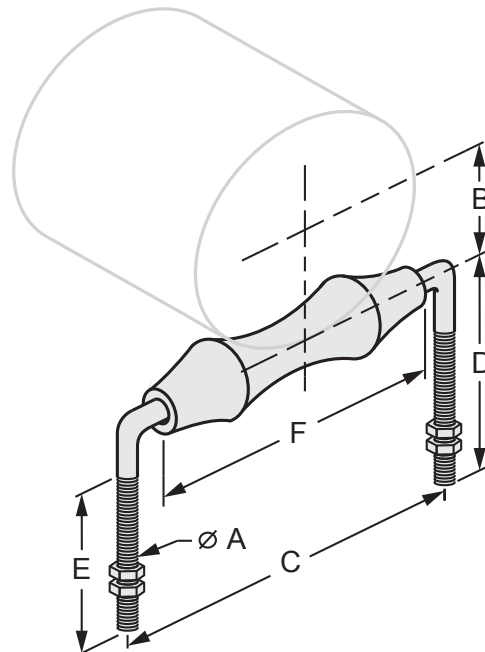
Specify rod size; pipe size; finish; and Series #

FUNCTION:

Designed to support pipe in applications where horizontal movement, due to expansion and contraction, will occur and a vertical adjustment is required. The roller assembly is attached by means of the threaded support rods and locked in place after correct alignment with the hex nuts provided.

AVAILABLE IN:

Pre-galvanized

**ADJUSTABLE PIPE ROLLER SUPPORT (SERIES W641)**

PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./100 PCS.
W641120	2"	3/8"	1 5/8"	4 1/2"	4 1/2"	2 3/4"	2 7/8"	450	.56
W641124	2 1/2"	1/2"	2"	4 3/8"	4 1/2"	3 1/2"	3 1/8"	450	.93
W641130	3"	1/2"	2 1/4"	5 1/8"	4 1/2"	3 1/2"	3 3/4"	450	1.01
W641134	3 1/2"	1/2"	2 5/8"	5 7/8"	4 1/2"	3 1/2"	4 1/4"	450	1.26
W641140	4"	1/2"	2 3/4"	6 3/4"	4 1/2"	3 1/2"	4 3/4"	560	1.32
W641150	5"	5/8"	3 1/2"	7 1/2"	4 1/2"	3 1/2"	5 3/4"	560	2.39
W641160	6"	3/4"	4"	8 1/2"	4 1/2"	3 1/2"	6 7/8"	780	3.56
W641180	8"	7/8"	5 1/8"	11"	5 1/4"	4"	8 7/8"	1800	5.88
W6411100	10"	7/8"	6 3/8"	13 1/2"	5 1/4"	4"	11"	1800	9.23
W6411120	12"	1"	7 1/2"	15 1/4"	6"	5"	13"	1800	12.97
W6411140	14"	1 1/8"	8 3/8"	17 1/2"	7"	5 1/2"	14 3/8"	3075	22.46
W6411160	16"	1 1/4"	9 1/2"	20"	8"	6"	16 3/8"	3075	28.35

! All above roller support are plain steel. To order other finishes, change the 5th character in the part # as seen below:

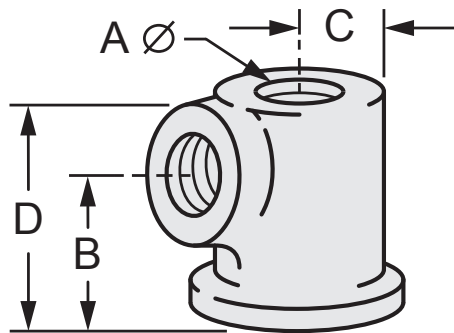
PRE-GALVANIZED = 4

Example: **W641120** = PRE-GALV

4

ROLLER SOCKET » SERIES W642

ROLLER SOCKETS

**MATERIAL:**

Cast iron

FINISH:

Plain

ORDERING:

Specify type #; pipe size; finish; and Series #

FUNCTION:

Designed for use with Series W600

AVAILABLE IN:

Pre-galvanized

ROLLER SOCKET (SERIES W642)

	PART #	TYPE SIZE	USE WITH PIPE ROLLER SIZE	AXLE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	LBS./ 100 PCS.
	W642110	1	1" to 2"	3/8"	3/8"	5/8"	11/16"	1"	12
	W642120	2	2 1/2" to 3 1/2"	1/2"	1/2"	3/4"	11/16"	1 1/4"	27
	W642130	3	4"	1/2"	5/8"	7/8"	13/16"	1 1/4"	25
	W642140	4	5"	5/8"	5/8"	1"	1"	1 9/16"	53
	W642150	5	6"	3/4"	3/4"	1 1/4"	1 1/8"	1 13/16"	92
	W642160	6	8" to 10"	7/8"	7/8"	1 1/4"	1 1/8"	2 1/8"	14.4
	W642170	7	12"	1"	7/8"	1 3/8"	1 3/8"	2 1/4"	13.4
	W642180	8	14"	1 1/8"	1"	1 3/4"	1 3/8"	2 3/8"	20.3
	W642190	9	16" to 20"	1 1/4"	1 1/4"	1 13/16"	1 5/8"	3"	25.6
	W6421100	10	24"	1 1/2"	1 1/2"	2 3/16"	2 1/16"	3 3/8"	49.6
	W6421110	11	30"	1 3/4"	1 1/2"	2 9/16"	2 5/16"	4"	69.4

! All above roller sockets are plain steel. To order other finishes, change the 5th character in the part # as seen below:

PRE-GALVANIZED = 4

Example: **W642 1 10** = PRE-GALV

4

CPVC ONE-HOLE WRAP SERIES W650 ◀ AROUND STRAP

CPVC STRAP

SIZE RANGE:

3/4" through 2" pipe size

MATERIAL:

Pre-galvanized carbon steel G-90

FINISH:

Pre-galvanized

ORDERING:

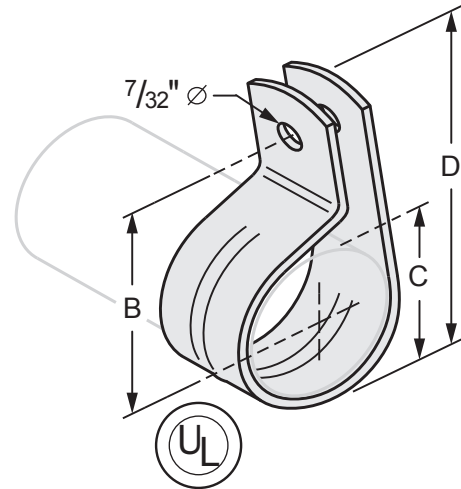
Specify pipe size; finish; and Series #

APPROVALS:

Underwriter's Laboratories approved for the support of CPVC piping

FUNCTION:

Designed for support or restraint when installed with the tabs in the up or down position. It may also be used on top of a beam as a guide. It is not recommended for use underneath a beam as a ceiling type hanger.

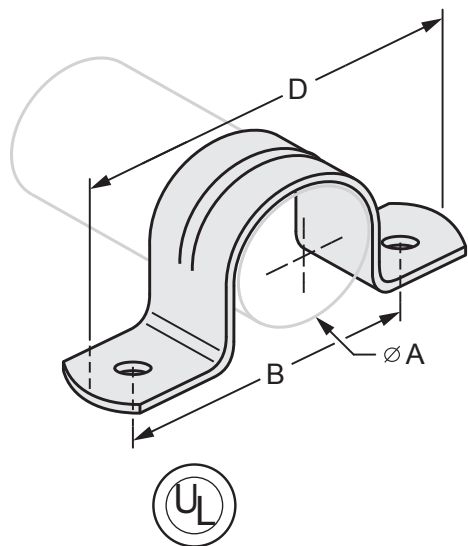


CPVC ONE-HOLE WRAP AROUND STRAP (SERIES W650)

	PART #	PIPE SIZE	SIZE (B)	SIZE (C)	SIZE (D)	THICKNESS (T)	SIZE (F)	SIZE (F)
	W650206	3/4"	1 1/2"	1.050	2 1/2"	20 ga. X 1 1/8"	100	9
	W650210	1"	1 5/8"	1.313	2 7/8"	20 ga. X 1 1/8"	100	10
	W650212	1 1/4"	1 3/4"	1.660	3"	20 ga. X 1 1/8"	100	12
	W650214	1 1/2"	1 7/8"	1.900	3 3/8"	20 ga. X 1 1/8"	100	12
	W650220	2"	2"	2.375	3 3/4"	20 ga. X 1 1/8"	100	15

TWO-HOLE CPVC STRAP » SERIES W660

CPVC STRAP

**SIZE RANGE:**

3/4" through 2" pipe size

MATERIAL:

Pre-galvanized carbon steel G-90

FINISH:

Pre-galvanized

ORDERING:

Specify pipe size; finish; and Series #

APPROVALS:

Underwriter's Laboratories approved for the support of CPVC piping

FUNCTION:

Designed for support or restraint when installed with the tabs in the up or down position. It may also be used on top of a beam as a guide. Not recommended for use underneath a beam as a ceiling type hanger.

TWO-HOLE CPVC STRAP (SERIES W660)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (D)	MATERIAL	CARTON QTY.	LBS./ 100 PCS.
	W660206	3/4"	1.050	2.400	3.310	20 ga. X 1 1/8"	100	9
	W660210	1"	1.313	2.640	3.550	20 ga. X 1 1/8"	100	10
	W660212	1 1/4"	1.660	3.010	3.925	20 ga. X 1 1/8"	100	12
	W660214	1 1/2"	1.900	3.265	4.185	20 ga. X 1 1/8"	100	12
	W660220	2"	2.375	3.665	4.575	20 ga. X 1 1/8"	100	15

CPVC TWO-HOLE 90 DEGREE SERIES W680 « SIDE MOUNT STRAP

CPVC STRAP

SIZE RANGE:

3/4" through 2" pipe size

MATERIAL:

Pre-galvanized carbon steel G-90

FINISH:

Pre-galvanized

ORDERING:

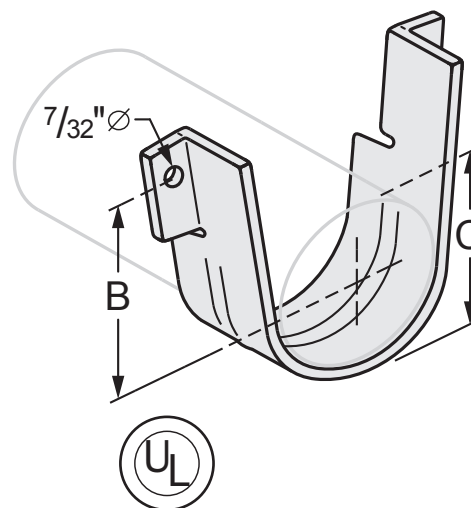
Specify pipe size; finish; and Series #

APPROVALS:

Underwriter's Laboratories approved for the support of CPVC piping

FUNCTION:

Designed for support or restraint pipe from either a top or bottom beam installation. It can also help restrain an upward movement of the sprinkler head once activated.

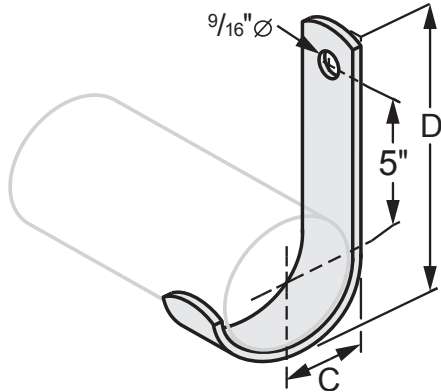


CPVC TWO-HOLE 90 DEGREE SIDE MOUNT STRAP (SERIES W680)

	PART #	PIPE SIZE	SIZE (B)	SIZE (C)	SIZE (D)	MATERIAL	CARTON QTY.	LBS./ 100 PCS.
	W680206	3/4"	1 1/2"	1.050	2 1/2"	20 ga. X 1 1/8"	100	9
	W680210	1"	1 1/2"	1.313	2 7/8"	20 ga. X 1 1/8"	100	10
	W680212	1 1/4"	1 3/4"	1.660	3"	20 ga. X 1 1/8"	100	11
	W680214	1 1/2"	1 7/8"	1.900	3 3/8"	20 ga. X 1 1/8"	100	12
	W680220	2"	2"	2.375	3 3/4"	20 ga. X 1 1/8"	100	13

RETURN LINE STRAIGHT J-HOOK » SERIES W651

J-HOOK

**SIZE RANGE:**

1/2" through 6" pipe size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

FUNCTION:

Designed to support pipe running along the wall, in applications where clearance between the wall is not desired

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

RETURN LINE STRAIGHT J-HOOK (SERIES W651)

	PART #	PIPE SIZE	SIZE (C)	SIZE (D)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS. / 100 PCS.
	W651104	1/2"	5/8"	6 9/32"	200	51
	W651106	3/4"	11/16"	6 1/8"	200	53
	W651110	1"	7/8"	6 9/16"	200	80
	W651112	1 1/4"	1 1/16"	6 5/8"	200	83
	W651114	1 1/2"	1 3/16"	6 11/16"	200	87
	W651120	2"	1 5/8"	7 3/32"	200	93
	W651124	2 1/2"	1 11/16"	7 15/32"	350	116
	W651130	3"	2"	7 5/8"	350	127
	W651134	3 1/2"	2 1/4"	8 1/32"	350	137
	W651140	4"	2 5/8"	8 9/16"	450	219
	W651150	5"	3 3/16"	9"	450	350
	W651160	6"	3 11/16"	9 3/8"	450	415

SERIES W652 « RETURN LINE OFFSET J-HOOK

J-HOOK

SIZE RANGE:

1/2" through 6" pipe size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

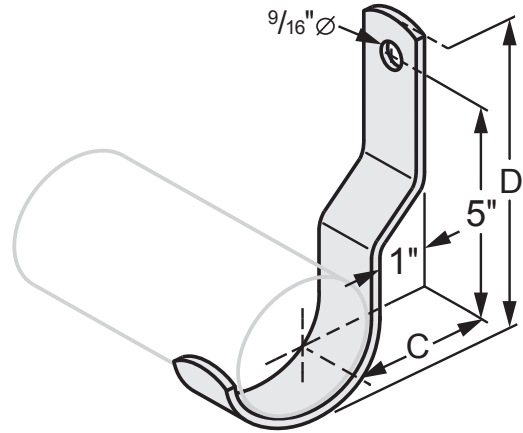
Specify pipe size; finish; and Series #

FUNCTIONS:

Designed to support pipe running along the wall, in applications where clearance between the wall is desired

AVAILABLE IN:

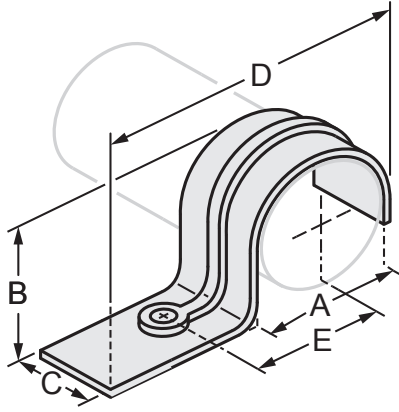
Electro-galvanized, 304 & 316 stainless steel

**RETURN LINE OFFSET J-HOOK (SERIES W652)**

	PART #	PIPE SIZE	SIZE (C)	SIZE (D)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
	W652104	1/2"	1 5/8"	6 9/32"	200	53
	W652106	3/4"	1 11/16"	6 1/8"	200	55
	W652110	1"	1 7/8"	6 9/16"	200	81
	W652112	1 1/4"	2 1/16"	6 5/8"	200	84
	W652114	1 1/2"	2 3/16"	6 11/16"	200	89
	W652120	2"	2 5/8"	7 3/32"	200	96
	W652124	2 1/2"	2 11/16"	7 15/32"	350	126
	W652130	3"	3"	7 5/8"	350	138
	W652134	3 1/2"	3 1/4"	8 1/32"	350	147
	W652140	4"	3 5/8"	8 9/16"	450	239
	W652150	5"	4 3/16"	9"	450	390
	W652160	6"	4 11/16"	9 3/8"	450	425

ONE HOLE CLIP » SERIES W655

STRAPS

**MATERIAL:**

Carbon steel

FINISH:

Electro-galvanized zinc

ORDERING:

Specify rod size; length; finish; and Series #

FUNCTION:

Designed to eliminate possible movement of the beam clamp due to vibration

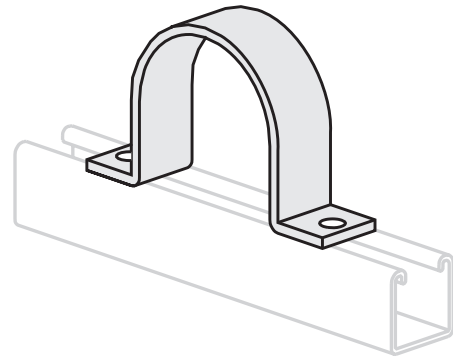
ONE HOLE CLIP (SERIES W655)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)
	W655104	1/2"	5/8"	5/8"	3/4"	1 3/4"	3/4"
	W655106	3/4"	7/8"	7/8"	3/4"	2 1/8"	1"
	W655110	1"	1 1/8"	1 1/8"	7/8"	2 5/8"	1 1/4"
	W655112	1 1/4"	1 1/2"	1 1/2"	7/8"	3 1/4"	1 5/8"
	W655114	1 1/2"	1 3/4"	1 3/4"	1 1/4"	3 3/4"	1 5/8"
	W655120	2"	2 1/8"	2 1/8"	1 1/2"	4 1/8"	2"

SERIES G1108000 « TWO-HOLE PIPE STRAP STRAPS

FINISH:

Electro-galvanized - for iron pipe & rigid conduit

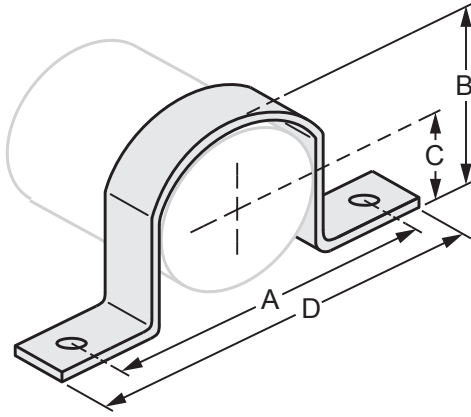


TWO-HOLE PIPE STRAP (SERIES G1108000)

	PART #	PIPE SIZE	CARTON QTY.	LBS./ 100 PCS.
	G1108050	1/2"	25	23
	G1108075	3/4"	25	26
	G1108100	1"	25	31
	G1108125	1 1/4"	25	35
	G1108150	1 1/2"	25	39
	G1108200	2"	10	94
	G1108250	2 1/2"	10	114
	G1108300	3"	10	133
	G1108350	3 1/2"	BULK	152
	G1108400	4"	BULK	176
	G1108500	5"	BULK	198
	G1108600	6"	BULK	225
	G1108800	8"	BULK	300

SHORT PIPE STRAP >> SERIES W670

STRAPS

**SIZE RANGE:**

1/2" through 2" pipe size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specifications A-A-1192A (Type 26) and Manufacturers Standardization Society SP-69 (Type 26)

FUNCTION:

Designed for holding piping flush with the adjacent surface. Sizes 1/2" to 2" are furnished with two screw holes, use W670 Series. Sizes 2 1/2" to 4" are furnished with four screw holes, use W671 Series.

AVAILABLE IN:

304 & 316 stainless steel

SHORT PIPE STRAP (SERIES W670)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	MATERIAL	CARTON QTY.	LBS./100 PCS.
	W670104	1/2"	2 7/8"	15/16"	15/16"	3 7/8"	11 ga. X 1 1/4"	50	25
	W670106	3/4"	3"	1 1/8"	7/16"	4"	11 ga. X 1 1/4"	50	27
	W670110	1"	3 1/4"	1 3/8"	9/16"	4 1/4"	11 ga. X 1 1/4"	50	29
	W670112	1 1/4"	3 5/8"	1 5/8"	11/16"	4 5/8"	11 ga. X 1 1/4"	25	33
	W670114	1 1/2"	4"	2"	13/16"	5"	11 ga. X 1 1/4"	25	35
	W670120	2"	4 1/2"	2 1/4"	15/16"	5 1/2"	11 ga. X 1 1/4"	25	41

! All beam clamps are plain steel. To order other finishes, change the 5th character in the part # as seen below:

PRE-GALVANIZED = 4 STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: W670104 = STAINLESS STEEL

8

SERIES W671 « SHORT PIPE STRAP STRAPS

SIZE RANGE:

2 1/2" through 4" pipe size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

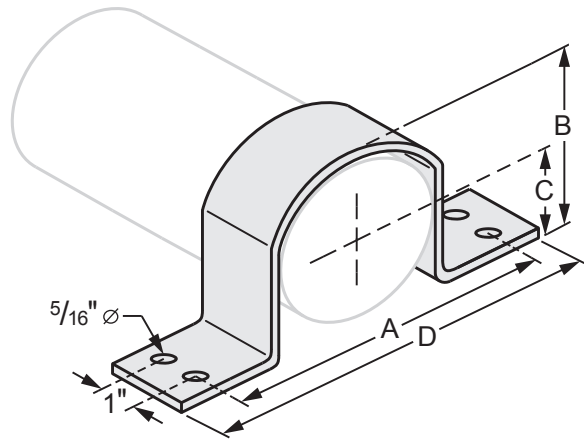
Specify rod size; pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specifications A-A-1192A (Type 26) and Manufacturers Standardization Society SP-69 (Type 26)

FUNCTION:

Designed for holding piping flush with the adjacent surface. Sizes 1/2" to 2" are furnished with two screw holes, use W670 Series. Sizes 2 1/2" to 4" are furnished with four screw holes, use W671 Series.



SHORT PIPE STRAP (SERIES W671)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	MATERIAL	CARTON QTY.	LBS./100 PCS.
	W671124	2 1/2"	5"	2 7/8"	1 1/8"	6"	3 ga. X 1 1/4"	25	89
	W671130	3"	5 5/8"	3 1/2"	1 1/2"	6 5/8"	3 ga. X 1 1/4"	25	106
	W671130	3 1/2"	6 1/8"	4"	1 3/4"	7 1/8"	3 ga. X 1 1/4"	25	123
	W671140	4"	7 1/8"	4 1/2"	2"	8 3/8"	3 ga. X 1 1/2"	25	158

[illegible]

SECTION 8

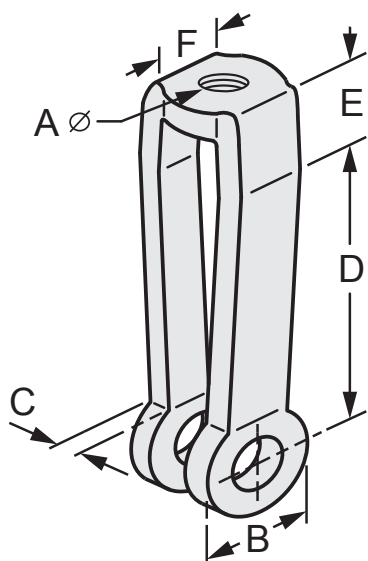


G-FORCE® CLEVIS HANGER ACCESSORIES

Ancillary products complimentary to clevis hanger & pipe support G-FORCE® products.

FORGED STEEL CLEVIS » SERIES W700

CLEVIS

**SIZE RANGE:**

3/8" through 2 1/2" pipe size

MATERIAL:

C-1035 forged steel

FINISH:

Plain

ORDERING:

Specify rod size; pin size; finish; and Series #

APPROVALS:

Complies with Manufacturers Standardization Society SP-69 (Type 14)

FUNCTION:

Recommended as an adjustable hanger rod connection for piping and installations

FORGED STEEL CLEVIS (SERIES W700)

	PART #	TAP SIZE (A)	PIPE SIZE	PIN SIZE	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
	W700103	3/8"	2"	1 1/2"	1 1/2"	5/16"	3 1/2"	5/8"	1"	3500	100
	W700104	1/2"	2"	5/8"	1 1/2"	5/16"	3 1/2"	5/8"	1"	3500	100
	W700105	5/8"	2"	3/4"	1 1/2"	5/16"	3 1/2"	5/8"	1"	3500	100
	W700106	3/4"	2 1/2"	7/8"	2 1/2"	5/16"	4"	1 1/8"	1 1/4"	7500	250
	W700107	7/8"	2 1/2"	1"	2 1/2"	5/16"	4"	1 1/8"	1 1/4"	7500	250
	W700110	1"	3"	1 1/8"	3"	1/2"	5"	1 1/4"	1 1/2"	15000	400
	W700112	1 1/4"	3"	1 3/8"	3"	1/2"	5"	1 1/4"	1 1/2"	15000	400
	W700114	1 1/2"	3 1/2"	1 5/8"	3 1/2"	1/2"	6"	1 1/2"	1 3/4"	18000	600
	W700116	1 3/4"	4"	1 7/8"	4"	1/2"	6"	1 3/4"	2"	21000	800
	W700120	2"	5"	2 1/4"	5"	5/8"	7"	2 1/4"	2 1/2"	37500	1600
	W700122	2 1/4"	6"	2 1/2"	6"	3/4"	8"	2 3/4"	3"	54000	2600
	W700124	2 1/2"	6"	2 3/4"	6"	3/4"	8"	2 3/4"	3"	54000	2600

FORGED STEEL CLEVIS SERIES W701 « RIGHT HAND THREADS

CLEVIS

SIZE RANGE:

3/8" through 3" rod size

MATERIAL:

Forged steel

FINISH:

Plain

ORDERING:

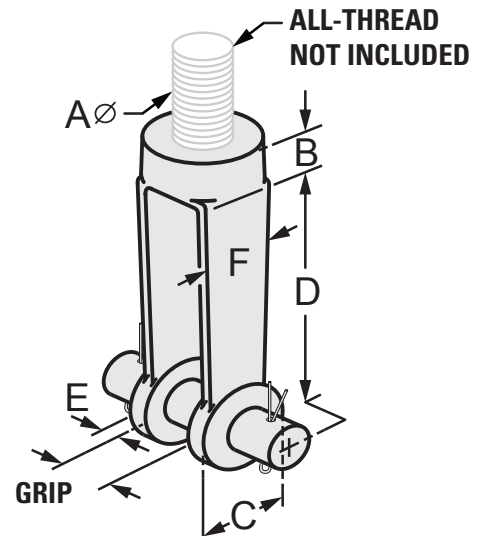
Specify rod size; with or without pin; finish and Series #

APPROVALS:

Complies with Federal Specification A-A-1192A (Type 14) and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 14)

FUNCTION:

Designed for use as a convenient method of connecting hanger rods to pipe lugs, angles, etc. As a structural attachment it is most commonly used in conjunction with Series W738 long welding lug

**AVAILABLE IN:**

Electro-Galvanized

FORGED STEEL CLEVIS RIGHT HAND THREADS (SERIES W701)

	PART #	ROD SIZE (A)	PIN SIZE	GRIP SIZE	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	MAXIMUM REC. LOAD (LBS.)		WT. PER IN. (LBS.)	
										650 F	750 F	W/O PIN	WITH PIN
	W701103	3/8"	1/2"	1/2"	5/8"	1 1/2"	3 5/8"	5/16"	1 1/16"	730	540	.9	1
	W701104	1/2"	5/8"	1/2"	5/8"	1 1/2"	3 5/8"	5/16"	1 1/16"	1350	1010	.7	.9
	W701105	5/8"	3/4"	5/8"	5/8"	1 1/2"	3 5/8"	5/16"	1 1/16"	1810	1610	.7	.9
	W701106	3/4"	7/8"	3/4"	7/8"	2"	5"	3/8"	1 1/4"	2710	2420	2.5	3
	W701107	7/8"	1"	7/8"	7/8"	2"	5"	3/8"	1 1/4"	3770	3360	2.5	3.4
	W701110	1"	1 1/8"	1"	1 5/16"	3"	5"	1/2"	1 1/2"	4960	4420	4	5.1
	W701112	1 1/4"	1 3/8"	1 1/4"	1 5/16"	3"	5"	1/2"	1 1/2"	8000	7140	3.8	5.5
	W701114	1 1/2"	1 5/8"	1 1/2"	1 5/8"	3 1/2"	6"	1/2"	1 3/4"	11630	10370	6	8.5
	W701116	1 3/4"	1 7/8"	1 1/2"	1 3/4"	4"	6"	1/2"	2"	15700	14000	8	12.9
	W701120	2"	2 1/4"	2 1/2"	2 1/4"	5"	7"	5/8"	2 1/2"	20700	18460	16	23.3
	W701122	2 1/4"	2 1/2"	2 1/2"	2 3/4"	6"	8"	3/4"	3"	27200	24260	26	35.1
	W701124	2 1/2"	2 3/4"	2 1/2"	2 3/4"	6"	8"	3/4"	3"	33500	29880	25	36
	W701126	2 3/4"	3"	2 1/2"	3"	7"	8"	7/8"	3 1/2"	41580	37066	36	50
	W701130	3"	3 1/4"	2 1/2"	3"	7"	9"	7/8"	3 1/2"	50580	45085	35	51.5

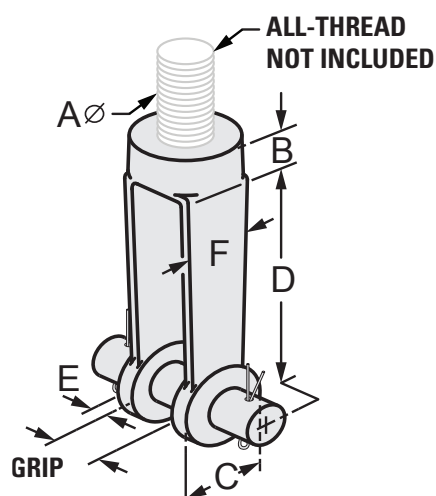
! All above steel clevis are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: W701103 = ELECTRO-GALV
2

FORGED STEEL CLEVIS LEFT HAND THREADS » SERIES W702

CLEVIS


SIZE RANGE:

3/8" through 3" rod size

MATERIAL:

Forged steel

FINISH:

Plain

ORDERING:

Specify rod size; with or without pin; finish and Series #

APPROVALS:

Complies with Federal Specification A-A-1192A (Type 14) and Manufacturers Standardization Society ANSI/SP-69 & SP-58 (Type 14)

FUNCTION:

Designed for use as a convenient method of connecting hanger rods to pipe lugs, angles, etc. As a structural attachment it is most commonly used in conjunction with Series W738 long welding lug.

APPROVALS:

Electro-galvanized

FORGED STEEL CLEVIS LEFT HAND THREADS (SERIES W702)

	PART #	ROD SIZE (A)	PIN SIZE	GRIP SIZE	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	MAXIMUM REC. LOAD (LBS.)		WT. PER IN. (LBS.)	
										650 F	750 F	W/O PIN	WITH PIN
	W702103	3/8"	1/2"	1/2"	5/8"	1 1/2"	3 5/8"	5/16"	1 1/16"	730	540	.9	1
	W702104	1/2"	5/8"	1/2"	5/8"	1 1/2"	3 5/8"	5/16"	1 1/16"	1350	1010	.7	.9
	W702105	5/8"	3/4"	5/8"	5/8"	1 1/2"	3 5/8"	5/16"	1 1/16"	1810	1610	.7	.9
	W702106	3/4"	7/8"	3/4"	7/8"	2"	5"	3/8"	1 1/4"	2710	2420	2.5	3
	W702107	7/8"	1"	7/8"	7/8"	2"	5"	3/8"	1 1/4"	3770	3360	2.5	3.4
	W702110	1"	1 1/8"	1"	1 5/16"	3"	5"	1/2"	1 1/2"	4960	4420	4	5.1
	W702112	1 1/4"	1 3/8"	1 1/4"	1 5/16"	3"	5"	1/2"	1 1/2"	8000	7140	3.8	5.5
	W702114	1 1/2"	1 5/8"	1 1/2"	1 5/8"	3 1/2"	6"	1/2"	1 3/4"	11630	10370	6	8.5
	W702116	1 3/4"	1 7/8"	1 1/2"	1 3/4"	4"	6"	1/2"	2"	15700	14000	8	12.9
	W702120	2"	2 1/4"	2 1/2"	2 1/4"	5"	7"	5/8"	2 1/2"	20700	18460	16	23.3
	W702122	2 1/4"	2 1/2"	2 1/2"	2 3/4"	6"	8"	3/4"	3"	27200	24260	26	35.1
	W702124	2 1/2"	2 3/4"	2 1/2"	2 3/4"	6"	8"	3/4"	3"	33500	29880	25	36
	W702126	2 3/4"	3"	2 1/2"	3"	7"	8"	7/8"	3 1/2"	41580	37066	36	50
	W702130	3"	3 1/4"	2 1/2"	3"	7"	9"	7/8"	3 1/2"	50580	45085	35	51.5

! All above steel clevis are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: **W702-103 = ELECTRO-GALV**
2

SERIES W705 « TURNBUCKLE ADJUSTER

TURNBUCKLES

SIZE RANGE:
 3/8" through 3/4" rod size.

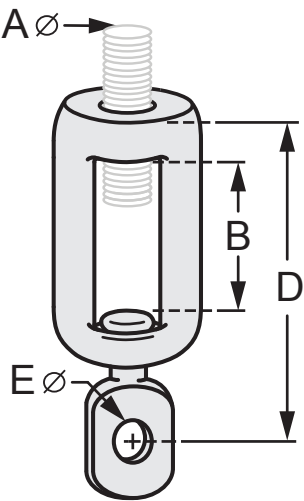
MATERIAL:
 Malleable iron

FINISH:
 Plain

ORDERING:
 Specify rod size; finish; and Series #

FUNCTION:
 Usually used with split pipe ring hangers, W760 Series

AVAILABLE IN:
 Copper finish (sizes 3/8" & 1/2" only)



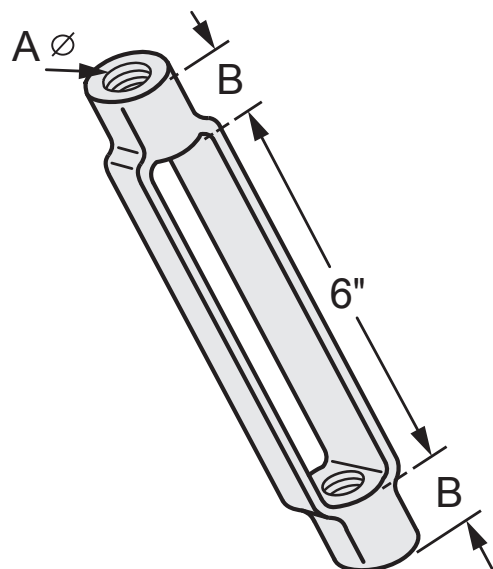
TURNBUCKLE ADJUSTER (SERIES W705)

	PART #	ROD SIZE (A)	PIPE SIZE	SIZE (B)	SIZE (D)	SIZE (E)	MAXIMUM REC. LOAD (LBS.)	LBS./ 100 PCS.
	W705103	3/8"	1/2" to 2"	1 7/8"	3 13/16"	7/16"	610	28
	W705104	1/2"	2 1/2" to 3 1/2"	1 13/16"	3 3/16"	7/16"	725	31
	W705105	5/8"	4" to 5"	2 5/16"	4 7/8"	1/2"	710	72
	W705106	3/4"	6"	2 5/16"	4 15/16"	9/16"	860	70

! All above roller support are plain steel. To order other finishes, change the 5th character in the part # as seen below:
COPPER FINISH = 4
 Example: **W705103** = COPPER
 3

TURNBUCKLE » SERIES W710

TURNBUCKLES

**SIZE RANGE:**

3/8" through 2" rod size

MATERIAL:

C-1035 forged steel

FINISH:

Plain

ORDERING:

Specify rod size; pin size; finish; and Series #

APPROVALS:

Complies with Manufacturers Standardization Society SP-69 (Type 14)

FUNCTION:

Recommended as an adjustable hanger rod connection for piping and installations

TURNBUCKLE (SERIES W710)

	PART #	ROD SIZE (A)	SIZE (B)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS
	W710103	3/8"	1/2"	1200	42
	W710104	1/2"	3/4"	2200	65
	W710105	5/8"	1"	3500	98
	W710106	3/4"	1"	5200	145
	W710107	7/8"	1 1/4"	7200	185
	W710110	1"	1 1/2"	9300	260
	W710111	1 1/8"	1 1/2"	11600	460
	W710112	1 1/4"	1 1/2"	15200	400
	W710114	1 1/2"	1 7/8"	21000	815
	W710120	2"	2 3/4"	37200	1400

SERIES W715 ◀ FORGED STEEL WELDNESS EYE NUT

EYE NUT & SOCKETS

SIZE RANGE:

3/8" through 2 1/2" rod size

MATERIAL:

ASII C-1030 fine grain steel

FINISH:

Plain

ORDERING:

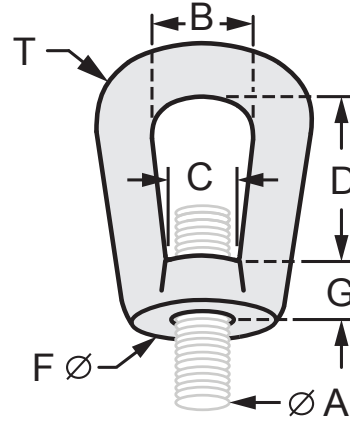
Specify rod size; finish; and Series #

FUNCTION:

Designed for use on high temperature pipe runs allowing for vertical adjustment

AVAILABLE IN:

304 and 316 stainless steel

**FORGED STEEL WELDNESS EYE NUT (SERIES W715)**

	PART #	ROD SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	THICKNESS (T)	Ø SIZE (F)	SIZE (G)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS
	W715103	3/8"	1 1/2"	1 1/8"	2"	1/2"	1 3/8"	5/8"	1200	56
	W715104	1/2"	1 1/2"	1 1/8"	2"	1/2"	1 3/8"	5/8"	2200	59
	W715105	5/8"	1 1/2"	1 1/8"	2"	1/2"	1 3/8"	5/8"	3700	61
	W715106	3/4"	1 1/2"	1 1/8"	2"	1/2"	1 3/8"	5/8"	5500	63
	W715107	7/8"	2"	1 5/8"	2 5/8"	3/4"	2"	1"	5700	167
	W715110	1"	2"	1 5/8"	2 5/8"	3/4"	2"	1"	10000	172
	W715111	1 1/8"	2 1/2"	1 3/4"	3 3/8"	1"	2 3/8"	1 1/4"	12000	345
	W715112	1 1/4"	2 1/2"	1 3/4"	3 3/8"	1"	2 3/8"	1 1/4"	30000	364
	W715114	1 1/2"	2 1/2"	1 3/4"	3 3/8"	1"	2 3/8"	1 1/4"	22000	373
	W715116	1 3/4"	4"	4"	6 1/4"	1 1/2"	4"	2 1/4"	30000	1480
	W715120	2"	4"	4"	6 1/4"	1 1/2"	4"	2 1/4"	40000	1550
	W715122	2 1/4"	4"	4"	6 1/4"	1 1/2"	4"	2 1/4"	45000	1614
	W715124	2 1/2"	4"	4"	6 1/4"	1 1/2"	4"	2 1/4"	50000	1657

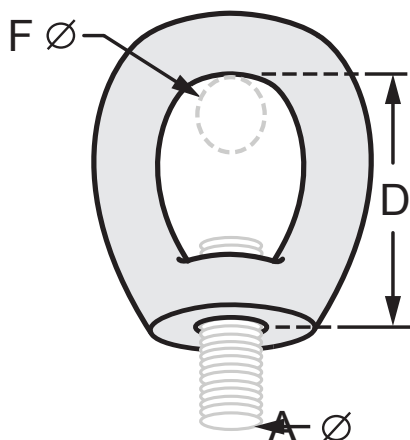
! All eye nuts are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W715 103** = STAINLESS STEEL (304)
8

MALLEABLE EYE SOCKET >> SERIES W720

EYE NUT & SOCKETS

**SIZE RANGE:**

3/8" through 7/8" pipe size

MATERIAL:

Malleable iron

FINISH:

Plain

ORDERING:

Specify rod size; finish; and Series #

FUNCTION:

A non-adjustable threaded rod attachment often used with the split ring hanger and beam clamps

FUNCTION:

Copper finish (sizes 1/4" & 1/2" only)

MALLEABLE EYE SOCKET (SERIES W720)

	PART #	ROD SIZE (A)	PIPE SIZE	SIZE (D)	Ø MAX BOLT (F)	MAXIMUM REC. LOAD (LBS.)	LBS./ 100 PCS
	W720103	3/8"	1/2"	1 3/8"	1 1/8"	610	20
	W720104	1/2"	1/2"	1 1/2"	1 1/8"	1130	40
	W720105	5/8"	5/8"	1 3/4"	1 1/8"	1810	44
	W720106	3/4"	7/8"	2 1/8"	1 1/8"	2710	65
	W720107	7/8"	7/8"	2 3/8"	1 5/8"	2950	78

! All above roller support are plain steel. To order other finishes, change the 5th character in the part # as seen below:

COPPER FINISH = 3

Example: W720-103 = COPPER FINISH

3

SERIES W725 « SIDE BEAM CONNECTOR

MISCELLANEOUS ACCESSORIES

SIZE RANGE:
 3/8" through 1/2" all thread rod

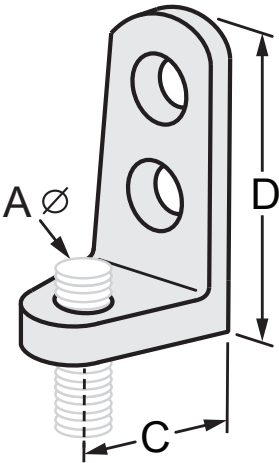
MATERIAL:
 Malleable iron

FINISH:
 Plain

ORDERING:
 Specify rod size; finish; and Series #

FUNCTION:
 Recommended for mounting to side of a wood beam with W825 Series wood drive screws

AVAILABLE IN:
 Electro-galvanized & copper



SIDE BEAM CONNECTOR (SERIES W725)

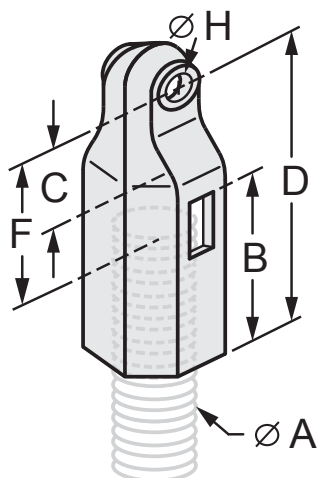
	PART #	SIZE (A)	SIZE (C)	SIZE (D)	MAXIMUM REC. LOAD (LBS.)	LBS./ 100 PCS	CARTON QTY.
	W725103	3/8"	9/16"	2 3/8"	250	13	100
	W725104	1/2"	3/4"	2 3/4"	480	25	100

! Beam connectors are plain steel. To order other finishes, change the 5th character in the part # as seen below:
ELECTRO-GALVANIZED = 2 COPPER FINISH = 3
 Example: W725103 = ELECTRO-GALV
 2

CLEVIS HANGER
 ACCESSORIES

EXTENSION PIECE » SERIES W730

MISCELLANEOUS ACCESSORIES

**SIZE RANGE:**

3/8" through 7/8" pipe size

MATERIAL:

Malleable iron

FINISH:

Plain

ORDERING:

Specify rod size; finish; and Series #

FUNCTION:

Designed for attaching a hanger rod to various building attachments

FUNCTION:

Electro-galvanized

EXTENSION PIECE (SERIES W730)

	PART #	ROD SIZE (A)	PIPE SIZE	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (G)	MAX. REC. LOAD (LBS.)	LBS./100PCS
	W730103	3/8"	3/4" TO 2"	1 1/4"	1/2"	2"	1/2"	1 1/4"	1/2"	610	20
	W730104	1/2"	2 1/2" TO 3 1/2"	1 3/8"	5/8"	2 1/4"	1/2"	1 3/8"	5/8"	1130	40
	W730105	5/8"	4" TO 5"	1 1/2"	3/4"	2 1/2"	1/2"	1 1/2"	5/8"	1910	44
	W730106	3/4"	6"	1 3/4"	7/8"	2 7/8"	1/2"	1 5/8"	5/8"	2710	65
	W730107	7/8"	8" TO 12"	1 7/8"	7/8"	3"	9/16"	1 3/4"	3/4"	2950	78

! All above extension pieces are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: W730-103 = ELECTRO-GALV
2

SERIES W735 « STEEL SIDE BEAM BRACKET

MISCELLANEOUS ACCESSORIES

SIZE RANGE:

3/8" through 3/4" rod sizes

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

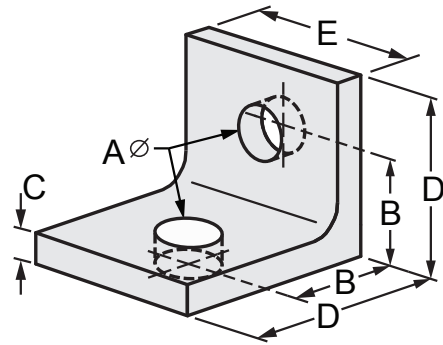
Specify rod size; pipe size; finish; and Series #

FUNCTION:

Designed to be fastened to side of joist in order to support a hanger rod

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

**STEEL SIDE BEAM BRACKET (SERIES W735)**

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM REC. LOAD (LBS.)	LBS./100 PCS.	CARTON QTY.
	W735103	3/8"	7/16"	1 1/4"	3/16"	2 1/8"	1 3/4"	300	32	100
	W735104	1/2"	9/16"	1 3/8"	1/4"	2 1/8"	1 3/4"	560	38	100
	W735105	5/8"	1 1/16"	1 3/4"	3/8"	2 3/4"	2 1/2"	900	119	50
	W735106	3/4"	1 3/16"	2 1/8"	3/8"	3 1/4"	2 1/2"	900	136	50

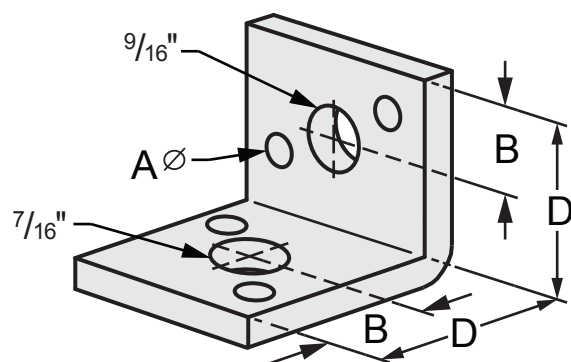
! All side beam brackets are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: W735 ~~1~~ 03 = ELECTRO-GALV
2

REVERSIBLE SIDE BEAM ANGLE BRACKET » SERIES W736

MISCELLANEOUS ACCESSORIES

**SIZE RANGE:**

3/8" through 1/2" rod size

MATERIAL:

Low carbon steel

FINISH:

Plain & electro-galvanized

ORDERING:

Finish and Series #

APPROVAL:

Complies with Federal Specification A-A-1192A (Type 34) and Manufacturers Standardization Society ANSI/SP-69 and SP-58 (Type 34)

FUNCTION:

Designed for attaching hanger rod to the side of beams of walls. Series W736 can accommodate either 3/8" or 1/2" rod.

REVERSE SIDE BEAM ANGLE BRACKET (SERIES W736)

	PART #	FINISH	ROD SIZE	SIZE (A)	SIZE (B)	SIZE (D)	MAXIMUM REC. LOAD (LBS.)	LBS./ 100 PCS.
	W736103	PLAIN	3/8" OR 1/2"	9/32"	13/16"	2"	500	50
	W736203	ELECTRO-GALVANIZED	3/8" OR 1/2"	9/32"	13/16"	2"	500	50

SERIES W728 « REVERSE ANGLE BRACKET

MISCELLANEOUS ACCESSORIES

SIZE RANGE:

7/16" through 9/16" hole sizes

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

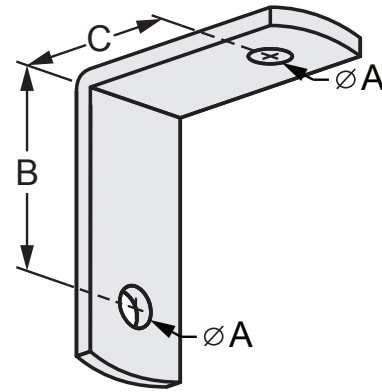
Specify type #, finish; and Series #

FUNCTION:

Designed to support pipe at various distances from a wall or column

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

**REVERSE ANGLE BRACKET (SERIES W728)**

	PART #	TYPE #	SIZE (A)	SIZE (B)	SIZE (C)	MAXIMUM REC. LOAD (LBS.)	LBS./ 100 PCS.
	W728110	1	7/16"	3"	2"	180	43
	W728120	2	7/16"	4"	3"	180	58
	W728130	3	9/16"	3"	2"	390	100
	W728140	4	9/16"	4"	3"	390	125

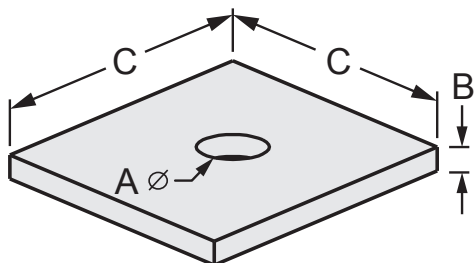
! All angle brackets are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W728110** = ELECTRO-GALV
2

SQUARE PLATE WASHER » SERIES W737

MISCELLANEOUS ACCESSORIES

**MATERIAL:**

Low carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; length; finish and Series #

FUNCTION:

Designed as a heavy-duty washer to suspend hanger rods

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

SQUARE PLATE WASHER (SERIES W737)

	PART #	STANDARD ROD SIZE (A)	SIZE (B)	SIZE (C)	LBS./ 100 PCS.
	W737103	3/8"	1/4"	2"	24
	W737104	1/2"	1/4"	2"	23
	W737105	5/8"	1/4"	2 1/2"	40
	W737106	3/4"	1/4"	2 1/2"	39
	W737107	7/8"	3/8"	3"	87
	W737110	1"	3/8"	4"	160
	W737111	1 1/8"	1/2"	4"	226
	W737114	1 1/4"	1/2"	5"	354
	W737220	2"	3/4"	6"	680

! All square plate washers are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W737 1 03** = ELECTRO-GALV
2

SERIES W750 « CEILING FLANGE

MISCELLANEOUS ACCESSORIES

SIZE RANGE:

3/8" through 1/2" hole sizes

MATERIAL:

Carbon Iron

FINISH:

Plain

ORDERING:

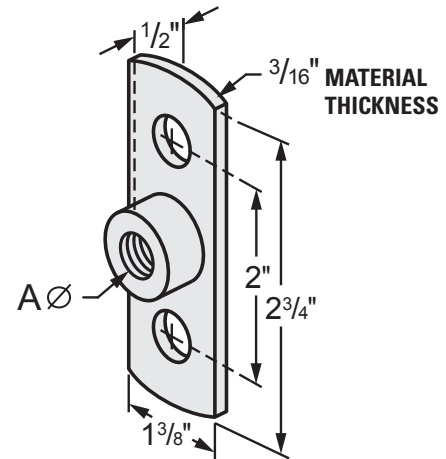
Specify rod size; finish; and Series #

FUNCTION:

Designed to fasten a hanger rod to a beam or ceilings

AVAILABLE IN:

Electro-galvanized or Copper Plated

**CEILING FLANGE (SERIES W750)**

	PART #	Ø SIZE (A)	MAXIMUM REC. LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W750103	3/8"	180	100	17
	W750104	1/2"	180	100	18

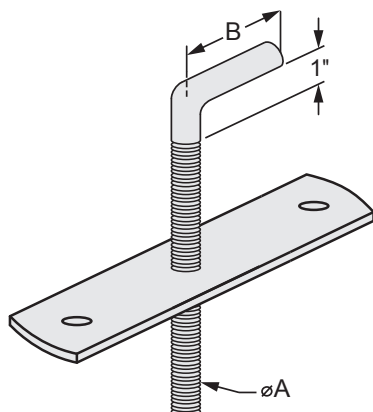
! Ceiling flanges are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2 COPPER PLATED = 3

Example: W750~~1~~03 = ELECTRO-GALV
2

ADJUSTABLE Q-DECK INSERT » SERIES W751

MISCELLANEOUS ACCESSORIES

**SIZE RANGE:**

3/8" through 1" rod size

MATERIAL:

Low carbon steel with electro-galvanized rod

FINISH:

Plain

ORDERING:

Specify rod size; length; finish; and Series #

FUNCTION:

Designed for installation in metal concrete deck forms to provide a means to support piping and equipment

AVAILABLE IN:

Electro-galvanized

ADJUSTABLE Q-DECK INSERT (SERIES W751)

	PART #	STANDARD ROD SIZE (A)	SIZE (B)	THREAD LENGTH	MAXIMUM REC. LOAD (LBS.)	LBS./ 100 PCS.
	W751103	3/8"	1 11/16"	7"	730	80
	W751104	1/2"	1 3/4"	7"	1350	99
	W751105	5/8"	2 5/16"	7"	1810	129
	W751106	3/4"	2 3/8"	7"	2710	238
	W751107	7/8"	2 3/8"	7"	3770	284
	W751110	1"	2 3/8"	7"	4960	297

! All above q-deck insert are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: W751 1 03 = ELECTRO-GALV
2

SERIES W752 « SEISMIC BRACE

MISCELLANEOUS ACCESSORIES

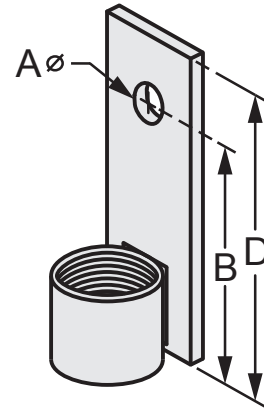
SIZE RANGE:
1" tapped pipe size

MATERIAL:
Low carbon steel

FINISH:
Plain & electro-galvanized

ORDERING:
Specify finish and Series #

FUNCTION:
Designed for bracing pipe against sway due to seismic disturbance. Often used in conjunction with Series W510 pipe clamp and Series W735 angle bracket at each end of the sway brace.

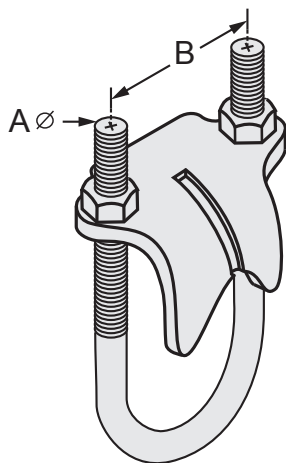


SEISMIC BRACE (SERIES W752)

	PART #	FINISH	TAPPED PIPE SIZE	SIZE (A)	SIZE (B)	SIZE (D)	LBS./ 100 PCS.
	W752110	PLAIN	1"	9/16"	3 1/4"	4"	51
	W752210	ELECTRO-GALVANIZED	1"	9/16"	3 1/4"	4"	51

RIGHT ANGLE CLAMP » SERIES W770

MISCELLANEOUS ACCESSORIES

**MATERIAL:**

Malleable iron with carbon steel U-bolt

FINISH:

Hot-dipped galvanized

ORDERING:

Specify rod size; finish; length and Series #

FUNCTION:

Designed to anchor pipe or conduit at a right angle to the structural member

AVAILABLE IN:

Electro-galvanized

RIGHT ANGLE CLAMP (SERIES W770)

	PART #	PIPE SIZE	Ø SIZE (A)	SIZE (B)	LBS./ 100 PCS.
	W770903	3/8"	1/4"	1 5/8"	33
	W770904	1/2"	5/16"	2"	41
	W770906	3/4"	5/16"	2 1/8"	42
	W770910	1"	5/16"	2 3/8"	47
	W770912	1 1/4"	5/16"	3"	54
	W770914	1 1/2"	5/16"	3 1/2"	57
	W770920	2"	3/8"	4"	85
	W770924	2 1/2"	3/8"	4 3/8"	106
	W770930	3"	3/8"	5"	110
	W770934	3 1/2"	3/8"	5 1/2"	128
	W770940	4"	3/8"	6"	140

! All above angle clamps are hot-dip galv. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: W770 ~~9~~ 03 = ELECTRO-GALV

2

SERIES W738 « WELDING LUG-SHORT

WELDING LUG

SIZE RANGE:

1/2" through 1 1/2" rod sizes

MATERIAL:

Low carbon steel

FINISH:

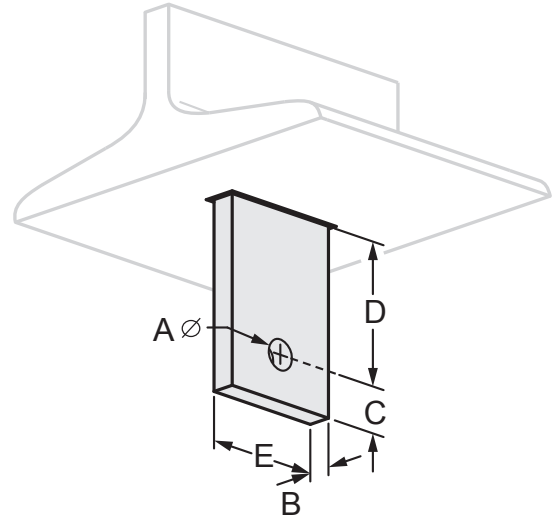
Plain

ORDERING:

Specify rod size; finish; and Series #

FUNCTION:

Designed to be welded to the underside of structural member to provide a means of supporting rod attachments. Used in conjunction with Series W701 forged steel clevis.

**AVAILABLE IN:**

304 & 316 stainless steel

WELDING LUG SHORT (SERIES W738)

	PART #	ROD SIZE	PIN OR BOLT	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
	W738104	1/2"	5/8"	11/16"	1/4"	1 1/4"	1 1/2"	2 1/2"	1130	48
	W738105	5/8"	3/4"	13/16"	1/4"	1 1/4"	1 1/2"	2 1/2"	1810	41
	W738106	3/4"	7/8"	15/16"	3/8"	1 1/4"	1 1/2"	2 1/2"	2710	60
	W738107	7/8"	1"	1 1/8"	3/8"	1 1/4"	2"	2 1/2"	3770	71
	W738110	1"	1 1/8"	1 1/4"	1/2"	1 1/2"	2"	3"	4960	120
	W738112	1 1/4"	1 3/8"	1 1/2"	5/8"	2"	3"	4"	8000	303
	W738114	1 1/2"	1 5/8"	1 3/4"	3/4"	2 1/2"	3"	5"	11630	482

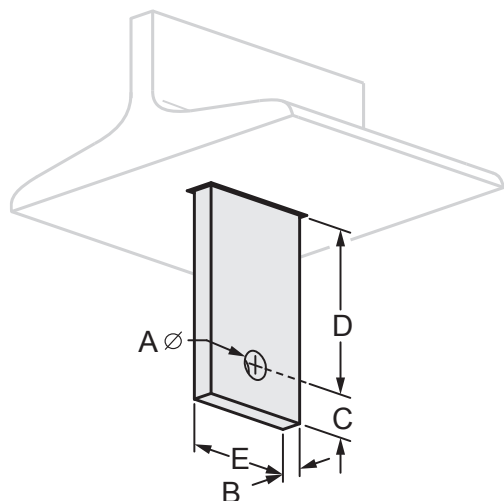
! Above welding lugs are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W738104** = STAINLESS STEEL (304)
8

WELDING LUG-LONG » SERIES W739

WELDING LUG


SIZE RANGE:

1/2" through 1 1/2" rod sizes

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; finish; and Series #

FUNCTION:

Designed to be welded to the underside of structural member to provide a means of supporting rod attachments. Used in conjunction with Series W701 forged steel clevis.

AVAILABLE IN:

304 & 316 stainless steel

WELDING LUG – LONG (SERIES W739)

	PART #	ROD SIZE	PIN OR BOLT	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
	W739104	1/2"	5/8"	11/16"	1/4"	1 1/4"	3"	2 1/2"	1130	75
	W739105	5/8"	3/4"	13/16"	1/4"	1 1/4"	3"	2 1/2"	1810	68
	W739106	3/4"	7/8"	15/16"	3/8"	1 1/4"	3"	2 1/2"	2710	104
	W739107	7/8"	1"	1 1/8"	3/8"	1 1/4"	3"	2 1/2"	3770	98
	W739110	1"	1 1/8"	1 1/4"	1/2"	1 1/2"	3"	3"	4960	162
	W739112	1 1/4"	1 3/8"	1 1/2"	5/8"	2"	4"	4"	8000	373
	W739114	1 1/2"	1 5/8"	1 3/4"	3/4"	2 1/2"	4 1/2"	5"	11630	642

! Above welding lugs are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W739104** = STAINLESS STEEL (304)

8

SERIES W740 « WELDING BEAM ATTACHMENT

WELDING BEAM ATTACHMENT

SIZE RANGE:

3/8" through 2 1/4" rod sizes

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

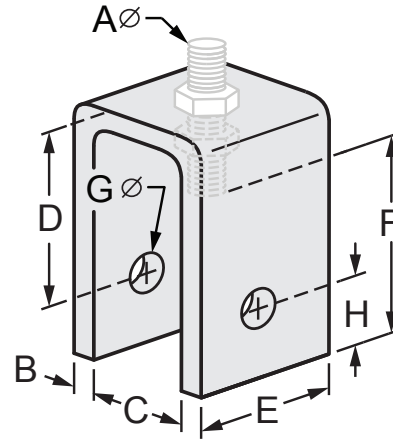
Specify rod size; finish; and Series #

FUNCTION:

Designed as a support, guide or anchor for heavy loads

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

**WELDING BEAM ATTACHMENT (SERIES W740)**

	PART #	ROD SIZE (A)	HOLE SIZE (G)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (H)	BOLT SIZE	MAXIMUM REC. LOAD (LBS.)		LBS. / 100 PCS.
											650 F	750 F	
	W740103	3/8"	1/2"	1/4"	1 1/4"	2"	2"	7/8"	3/8"	1/2 X 2 1/2"	610	510	117
	W740104	1/2"	5/8"	1/4"	1 1/4"	2"	2"	7/8"	3/8"	5/8 X 2 1/2"	1130	940	131
	W740105	5/8"	3/4"	1/4"	1 1/4"	2"	2"	7/8"	3/8"	3/4 X 2 3/4"	1810	1510	155
	W740106	3/4"	1"	3/8"	1 7/8"	2"	2 1/2"	1 1/8"	3/8"	7/8 X 3 1/2"	2710	2660	279
	W740107	7/8"	1 1/8"	3/8"	2"	3"	2 1/2"	1 1/4"	3/8"	1 X 4"	3770	3150	394
	W740110	1"	1 1/4"	1/2"	2"	3"	3"	1 1/2"	3/8"	1 1/8 X 4 1/2"	4960	4150	629
	W740112	1 1/4"	1 1/2"	5/8"	2 1/2"	3"	4"	2"	1/2"	1 3/8 X 5"	8000	6660	1022
	W740114	1 1/2"	1 3/4"	3/4"	3"	4"	5"	2 1/2"	1/2"	1 5/8 X 5 3/4"	11630	9700	1902
	W740116	1 3/4"	2"	3/4"	3 3/4"	5"	5"	2 3/4"	1/2"	1 7/8 X 6 7/8"	15700	14000	2418
	W740120	2"	2 3/8"	3/4"	3 3/4"	5"	6"	3 1/4"	1/2"	2 1/4 X 6 7/8"	20700	18460	3055
	W740122	2 1/4"	2 5/8"	3/4"	4 1/4"	6"	6"	3 1/2"	1/2"	2 1/2 X 7 3/8"	27200	24260	3678

! All above beam attachments are plain steel. To order other finishes, change the 5th character in the part # as seen below:

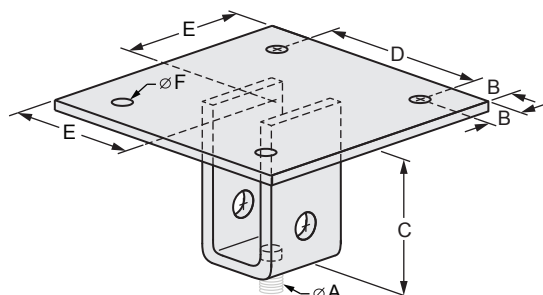
STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W740103** = ELECTRO-GALV

2

CONCRETE ROD ATTACHMENT PLATE » SERIES W741

ATTACHMENT PLATE

**SIZE RANGE:**

3/8" through 2" rod sizes

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; finish; and Series #

FUNCTION:

Designed for attaching hanger rod to a concrete ceiling

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

CONCRETE ROD ATTACHMENT PLATE (SERIES W741)

	PART #	ROD SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	PLATE SIZE	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./100 PCS.
	W741103	3/8"	1"	2 7/8"	8"	5"	9/16"	10" X 10" X 3/8"	730	1160
	W741104	1/2"	1"	2 7/8"	8"	5"	9/16"	10" X 10" X 3/8"	1350	1160
	W741105	5/8"	1"	2 7/8"	8"	5"	9/16"	10" X 10" X 3/8"	1810	1510
	W741106	3/4"	1"	3 1/4"	8"	5"	11/16"	10" X 10" X 1/2"	2710	1610
	W741107	7/8"	1"	4 1/4"	8"	5"	11/16"	10" X 10" X 1/2"	3770	1670
	W741110	1"	2"	4 1/2"	8"	6"	13/16"	12" X 12" X 1/2"	4960	3490
	W741111	1 1/8"	2"	4 3/4"	8"	6"	13/16"	12" X 12" X 1/2"	6230	3525
	W741112	1 1/4"	2"	5"	8"	6"	15/16"	12" X 12" X 3/4"	8000	3870
	W741114	1 1/2"	2"	6 1/2"	8"	6"	1 1/16"	12" X 12" X 1"	11630	5640
	W741116	1 3/4"	2"	7 3/4"	10"	7"	1 3/8"	14" X 14" X 1 1/4"	15700	8810
	W741120	2"	2"	8 1/4"	10"	7"	1 3/8"	14" X 14" X 1 1/4"	20700	9220

! All above rod attachments are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W741 103** = ELECTRO-GALV

2

SERIES W745 « WELDING BEAM ATTACHMENT W/PIN

WELDING BEAM ATTACHMENT

SIZE RANGE:

3/8" through 2 1/4" rod sizes

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

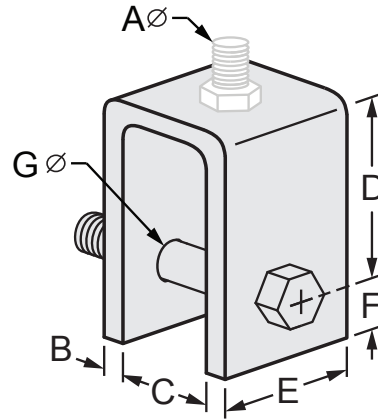
Specify rod size; finish; and Series #

FUNCTION:

Designed as a support, guide or anchor for heavy loads

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

**WELDING BEAM ATTACHMENT W/PIN (SERIES W745)**

	PART #	ROD SIZE (A)	HOLE SIZE (G)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	BOLT SIZE	MAXIMUM REC. LOAD (LBS.)		LBS./ 100 PCS.
										650 F	750 F	
	W745103	3/8"	1/2"	1/4"	1 1/4"	2"	2"	7/8"	1/2 X 2 1/2"	610	510	117
	W745104	1/2"	5/8"	1/4"	1 1/4"	2"	2"	7/8"	5/8 X 2 1/2"	1130	940	131
	W745105	5/8"	3/4"	1/4"	1 1/4"	2"	2"	7/8"	3/4 X 2 3/4"	1810	1510	155
	W745106	3/4"	1"	3/8"	1 7/8"	2"	2 1/2"	1 1/8"	7/8 X 3 1/2"	2710	2660	279
	W745107	7/8"	1 1/8"	3/8"	2"	3"	2 1/2"	1 1/4"	1 X 4"	3770	3150	394
	W745110	1"	1 1/4"	1/2"	2"	3"	3"	1 1/2"	1 1/8 X 4 1/2"	4960	4150	629
	W745112	1 1/4"	1 1/2"	5/8"	2 1/2"	3"	4"	2"	1 3/8 X 5"	8000	6660	1022
	W745114	1 1/2"	1 3/4"	3/4"	3"	4"	5"	2 1/2"	1 5/8 X 5 3/4"	11630	9700	1902
	W745116	1 3/4"	2"	3/4"	3 3/4"	5"	5"	2 3/4"	1 7/8 X 6 7/8"	15700	14000	2418
	W745120	2"	2 3/8"	3/4"	3 3/4"	5"	6"	3 1/4"	2 1/4 X 6 7/8"	20700	18460	3055
	W745122	2 1/4"	2 5/8"	3/4"	4 1/4"	6"	6"	3 1/2"	2 1/2 X 7 3/8"	27200	24260	3678

! All above beam attachments are plain steel. To order other finishes, change the 5th character in the part # as seen below:

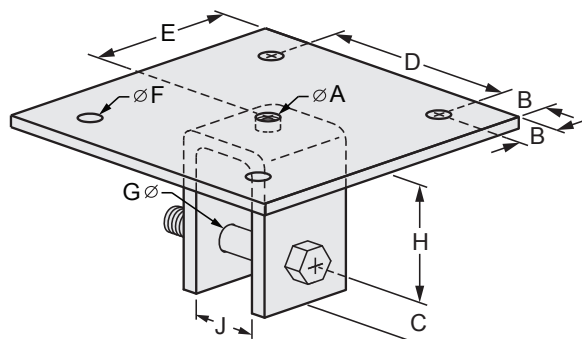
STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W745103** = ELECTRO-GALV

2

CONCRETE CLEVIS PLATE » SERIES W746

ATTACHMENT PLATE

**SIZE RANGE:**

3/8" through 2" rod sizes

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; finish; and Series #

FUNCTION:

Designed for use as a structural attachment to a concrete ceiling. Normally used in conjunction with Series W715 weldless eye nut or Series W867 welded eye rod.

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

CONCRETE CLEVIS PLATE (SERIES W746)

	PART #	ROD SIZE (A)	BOLT SIZE (G)	SIZE (B)	SIZE (C)	SIZE (D)	SIZE (E)	SIZE (F)	SIZE (H)	SIZE (J)	PLATE SIZE	MAXIMUM REC. LOAD (LBS.)	LBS./ 100 PCS.
	W746103	3/8"	1/2"	1"	7/8"	8"	5"	9/16"	2"	1 1/4"	10" X 10" X 3/8"	730	1180
	W746104	1/2"	5/8"	1"	7/8"	8"	5"	9/16"	2"	1 1/4"	10" X 10" X 3/8"	1350	1190
	W746105	5/8"	3/4"	1"	7/8"	8"	5"	9/16"	2"	1 1/4"	10" X 10" X 3/8"	1810	1570
	W746106	3/4"	7/8"	1"	1 1/4"	8"	5"	11/16"	2"	2 1/4"	10" X 10" X 3/8"	2710	1690
	W746107	7/8"	1"	1"	1 1/4"	8"	5"	11/16"	3"	2 3/8"	10" X 10" X 3/8"	3770	1810
	W746110	1"	1 1/8"	1"	1 1/2"	8"	6"	13/16"	3"	2 3/4"	12" X 12" X 1/2"	4960	3690
	W746111	1 1/8"	1 1/4"	2"	1 3/4"	8"	6"	13/16"	3"	3"	12" X 12" X 1/2"	6230	3775
	W746112	1 1/4"	1 3/8"	2"	2"	8"	6"	13/16"	3"	3 1/2"	12" X 12" X 3/4"	8000	4090
	W746114	1 1/2"	1 5/8"	2"	2 1/2"	8"	6"	15/16"	4"	3"	12" X 12" X 1"	11630	5980
	W746116	1 3/4"	1 7/8"	2"	2 3/4"	10"	7"	13/8"	5"	3 3/4"	14" X 14" X 1 1/4"	15700	9360
	W746120	2"	2 1/4"	2"	3 1/4"	10"	17"	13/8"	5"	3 3/4"	14" X 14" X 1 1/4"	20700	10000

! All above clevis plates are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: W746103 = ELECTRO-GALV

2

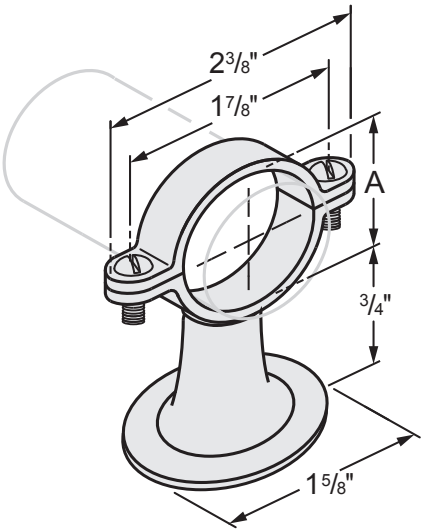
SERIES W755 « VAN HANGER
PIPE CLAMPS

SIZE RANGE:
1/2" through 1" copper tubing

FINISH:
Copper

ORDERING:
Specify copper tube size and Series #

FUNCTION:
It replaces the heavy cast brass concealed screw hanger. It is made to support pipes at various distances from the wall



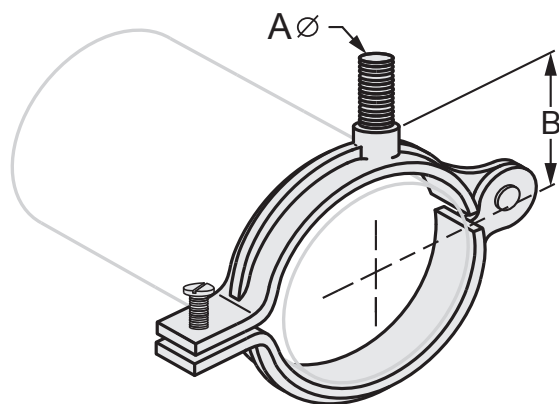
VAN HANGER (SERIES W755)

	PART #	SIZE (A)	CARTON QTY.	LBS./ 100 PCS.
	W755304	1/2"	25	7.5
	W755306	3/4"	25	8
	W755310	1"	25	8.5

CLEVIS HANGER
ACCESSORIES

COPPER HINGED SPLIT RING HANGER » SERIES W765

SPLIT RING HANGERS

**SIZE RANGE:**

3/8" through 2" pipe size

MATERIAL:

Malleable iron

FINISH:

Copper plating

ORDERING:

Specify pipe size; finish; and Series #

FUNCTION:

Recommended for the suspension of non-insulated stationary pipe

COPPER HINGED SPLIT HANGER (SERIES W765)

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	MAXIMUM REC. LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W765303	3/8"	3/8"	5/8"	180	100	10
	W765304	1/2"	3/8"	7/8"	180	100	13
	W765306	3/4"	3/8"	1"	180	100	14
	W765310	1"	3/8"	1"	180	100	16
	W765312	1 1/4"	3/8"	1 1/8"	180	50	22
	W765314	1 1/2"	3/8"	1 1/4"	180	50	24
	W765320	2"	3/8"	1 1/2"	180	50	31

SERIES W760 « HINGED SPLIT RING HANGER

SPLIT RING HANGERS

SIZE RANGE:

3/8" through 4" pipe sizes

MATERIAL:

Malleable iron

FINISH:

Plain

ORDERING:

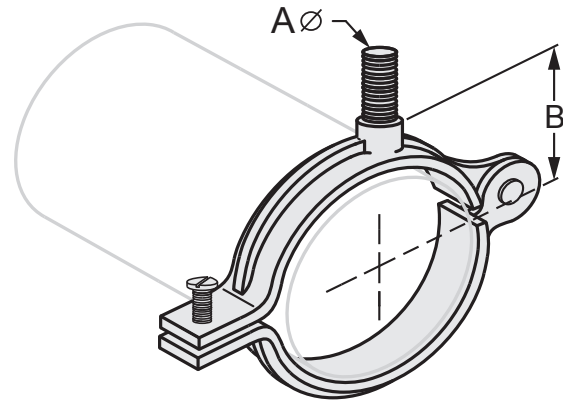
Specify pipe size; finish; and Series #

FUNCTION:

Recommended for the suspension of non-insulated stationary pipe

AVAILABLE IN:

Electro-galvanized

**HINGED SPLIT RING HANGER (SERIES W760)**

	PART #	PIPE SIZE	SIZE (A)	SIZE (B)	MAXIMUM REC. LOAD (LBS.)	CARTON QTY.	LBS./ 100 PCS.
	W760103	3/8"	3/8"	5/8"	180	100	10
	W760104	1/2"	3/8"	3/4"	180	100	13
	W760106	3/4"	3/8"	7/8"	180	100	14
	W760110	1"	3/8"	1 1/8"	180	100	16
	W760112	1 1/4"	3/8"	1 1/8"	180	50	22
	W760114	1 1/2"	3/8"	1 3/8"	180	50	24
	W760120	2"	3/8"	1 5/8"	180	50	31
	W760124	2 1/2"	1/2"	1 7/8"	300	50	60
	W760130	3"	1/2"	2 3/8"	300	50	74
	W760140	4"	1/2"	2 3/4"	300	25	85

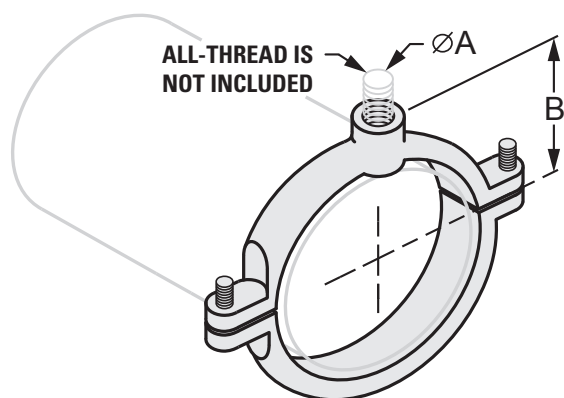
! All above ring hangers are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: **W760103** = ELECTRO GALV
2

EXTENSION SPLIT CLAMP HANGER » SERIES W761

SPLIT CLAMP HANGERS

**SIZE RANGE:**

3/8" through 4" pipe size

MATERIAL:

Malleable iron

FINISH:

Plain

ORDERING:

Specify pipe size; finish; and Series #

APPROVALS:

Complies with Federal Specification A-A-1192 (Type 12) and Manufacturers Standardization Society ANSI.SP-69 and SP-58 (Type 12)

FUNCTION:

Designed for non-insulated stationary pipe lines in either a horizontal or vertical position

AVAILABLE IN:

Electro-galvanized

EXTENSION SPLIT CLAMP HANGER (SERIES W761)

PART #	PIPE SIZE	SIZE (A)	SIZE (B)	MAXIMUM REC. LOAD (LBS.)	LBS./ 100 PCS.
W761103	3/8"	3/8"	13/16"	180	13
W761104	1/2"	3/8"	7/8"	180	14
W761106	3/4"	3/8"	1"	180	16
W761110	1"	3/8"	1 1/8"	180	18
W761112	1 1/4"	3/8"	1 5/16"	180	22
W761114	1 1/2"	3/8"	1 7/16"	180	38
W761120	2"	3/8"	1 11/16"	180	44
W761124	2 1/2"	1/2"	2 1/8"	300	45
W761130	3"	1/2"	2 7/16"	300	55
W761140	4"	1/2"	3 11/32"	300	70

! All above split clamp hangers are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: **W761 103 = ELECTRO GALV**
2

SERIES W780 « PARALLEL CONDUIT SUPPORT

SPLIT RING HANGERS

MATERIAL:

Malleable iron

FINISH:

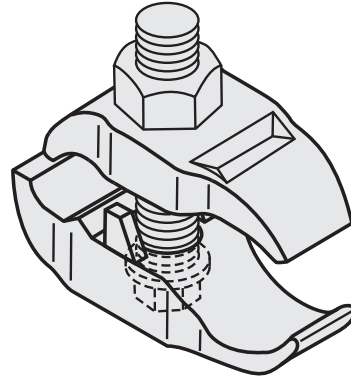
Hot-dipped galvanized

ORDERING:

Specify pipe size and Series #

FUNCTION:

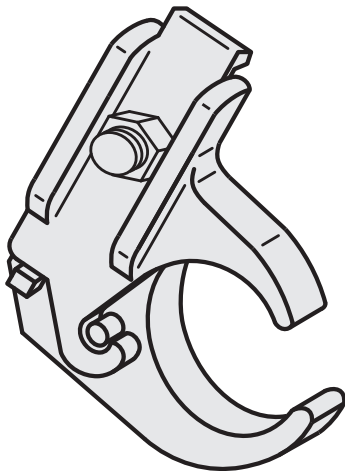
Designed to anchor pipe parallel to the run of the structure

**PARALLEL CONDUIT SUPPORT (SERIES W780)**

	PART #	PIPE SIZE	CARTON QTY.	LBS./ 100 PCS.
	W780904	1/2"	50	58
	W780906	3/4"	50	64
	W780910	1"	50	70
	W780912	1 1/4"	25	72
	W780914	1 1/2"	25	93
	W780920	2"	25	100
	W780924	2 1/2"	25	135
	W780930	3"	10	135
	W780934	3 1/2"	10	190
	W780940	4"	10	205

EDGE TYPE CONDUIT SUPPORT » SERIES W785

SPLIT RING HANGERS

**MATERIAL:**

Carbon steel

FINISH:

Hot-dipped galvanized

ORDERING:

Specify bolt size; finish; and Series #

FUNCTION:

Designed to anchor pipe perpendicular to the run of the structure

EDGE TYPE CONDUIT SUPPORT (SERIES W785)

	PART #	PIPE SIZE	CARTON QTY.	LBS./ 100 PCS
	W785904	1/2"	50	67
	W785906	3/4"	25	71
	W785910	1"	25	85
	W785912	1 1/4"	25	91
	W785914	1 1/2"	25	115
	W785920	2"	25	135
	W785924	2 1/2"	10	185
	W785930	3"	10	230

SERIES W790 « SPOT CONCRETE INSERT

CONCRETE INSERT

SIZE RANGE:

1/4" through 7/8" pipe size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; finish; and Series #. If insert nut is needed Series W791 order separately.

APPROVALS:

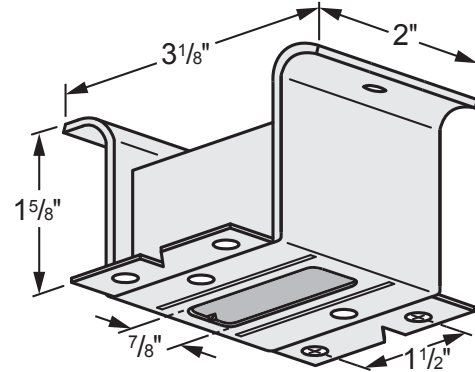
Complies with Federal Specification A-A-1192A (Type 18) and Manufacturers Standardization Society ANSI/AP-69 & SP-58 (Type 18)

FUNCTION:

Designed to be embedded in concrete to provide a means of suspending pipe from ceilings. The insert is held in place by nailing it to the forms, until the concrete is poured. The insert comes with a snap-out plug to keep the inner housing clean during pouring of the concrete. After the concrete has set, the plug is removed, exposing the inner housing. The rod should be tightened until it touches the top of the insert, but should not be forced further to avoid damage to the insert.

AVAILABLE IN:

Electro-galvanized

**SPOT CONCRETE INSERT (SERIES W790)**

	PART #	ROD SIZE	MAXIMUM RECOMMENDED LOAD (LBS.)	LBS./ 100 PCS.
	W790102	1/4	240	44
	W790103	3/8	600	44
	W790104	1/2	600	44
	W790105	5/8	600	44
	W790106	3/4	1200	96
	W790107	7/8	600	44

NOTE: *7/8 rod size is only available in electro-galvanized finish.

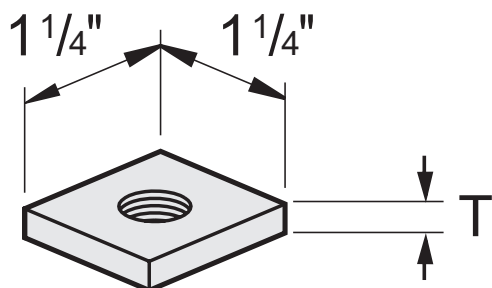
! All above concrete inserts plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: **W790.1 02** = ELECTRO GALV
2

SQUARE SPOT INSERT NUT » SERIES GSSI

CONCRETE INSERT AND NUT

**MATERIAL:**

Carbon steel, continuous thread

FINISH:

Electro-galvanized

ORDERING:

Specify rod size; length; finish; and Series #

AVAILABLE IN:

Stainless

SQUARE SPOT INSERT NUT (SERIES GSSI)

	PART #	THREAD SIZE	THICK (T)	CARTON QTY.	LBS./ 100 PCS.
	GSSI1/4	1/4-20	1/4"	100	10
	GSSI3/8	3/8-16	3/8"	100	15
	GSSI1/2	1/2-13	1/2"	100	18
	GSSI5/8	5/8-11	1/2"	100	17
	GSSI3/4	3/4-10	1/2"	100	15

NOTE: *7/8 rod size is only available in electro-galvanized finish.

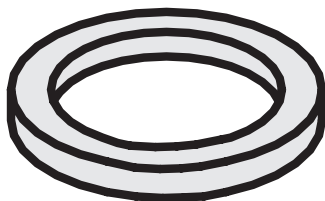
SECTION 9

G-FORCE® FITTINGS & ACCESSORIES

Hardware, fasteners, bolts, nuts, washers, anchors, toggles, ATR & miscellaneous fittings.

FLAT WASHER » SERIES GFW

WASHERS

**MATERIAL:**

Carbon steel

FINISH:

Electro-galvanized

ORDERING:

Specify bolt size; finish; and Series #

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

FLAT WASHER (SERIES GFW)

	PART #	SIZE OF BOLT	INSIDE Ø SIZE (A)	OUTSIDE Ø SIZE (F)	LBS./ 100 PCS.
	GFW025	1/4"	5/16"	3/4"	.67
	GFW375	3/8"	7/16"	1"	1.5
	GFW050	1/2"	9/16"	1 3/8"	3.9
	GFW067	5/8"	11/16"	1 3/4"	7.8
	GFW075	3/4"	13/16"	2"	11.0
	GFW087	7/8"	15/16"	2 1/4"	15.0

SERIES GLW « LOCK WASHER

WASHERS

SIZE RANGE:

3/8" through 3/4" rod size

MATERIAL:

Low carbon steel

FINISH:

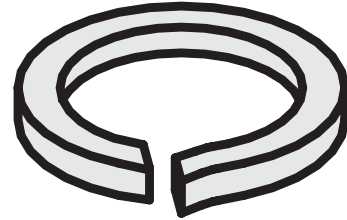
Electro-galvanized

ORDERING:

Specify rod size; finish; and Series #

AVAILABLE IN:

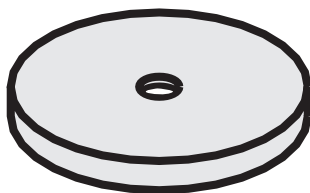
Electro-galvanized, 304 & 316 stainless steel

**LOCK WASHER (SERIES GLW)**

	PART #	ROD SIZE	INSIDE Ø	OUTSIDE Ø	LBS./ 100 PCS.
	GLW375	3/8"	7/16"	11/16"	.7
	GLW050	1/2"	9/16"	7/8"	1.5
	GLW067	5/8"	11/16"	1 1/16"	2.6
	GLW075	3/4"	13/16"	1 1/4"	4.3

FENDER WASHER » SERIES GFDW

WASHERS

**SIZE RANGE:**

3/8" through 1/2" rod size

MATERIAL:

Low carbon steel

FINISH:

Electro-galvanized

ORDERING:

Specify rod size; finish; and Series #

FENDER WASHER (SERIES GFDW)

	PART #	ROD SIZE	INSIDE Ø	OUTSIDE Ø	LBS./ 100 PCS.
	GFDW025	1/4"	5/16"	3/4"	3
	GFDW037	3/8"	13/32"	1 1/2"	3
	GFDW050	1/2"	17/32"	2"	3

SERIES G201 « SQUARE WASHER

WASHERS

MATERIAL:

Carbon steel

FINISH:

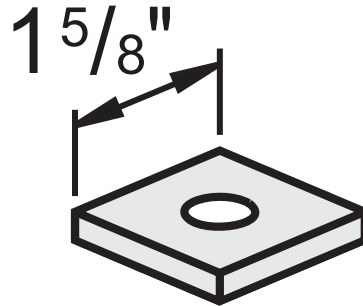
Electro-galvanized

ORDERING:

Specify rod size; finish; and Series #

AVAILABLE IN:

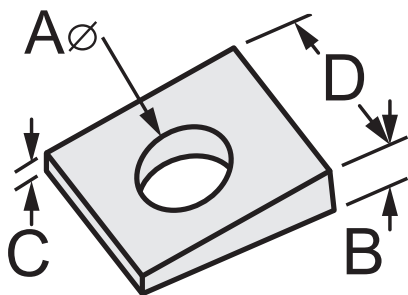
Stainless steel

**SQUARE WASHER (SERIES G201)**

	PART #	HOLE SIZE	CARTON QTY.	LBS./100 PCS.
	G201025	1/4"	100	16
	G201031	5/16"	100	16
	G201037	3/8"	100	16
	G201050	1/2"	100	16
	G201062	5/8"	100	16
	G201075	3/4"	100	16
	G201087	7/8"	100	16

BEVEL WASHER » SERIES W817

WASHERS

**SIZE RANGE:**

3/8" through 7/8" rod size

MATERIAL:

Malleable rod iron

FINISH:

Electro-galvanized

ORDERING:

Specify rod size; finish; and Series #

FUNCTION:

Designed to be used on a tapered surface to permit the fastening of a bolt at a right angle

BEVEL WASHER (SERIES W817)

	PART #	ROD SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	LBS./ 100 PCS
	W817103	3/8"	1 1/4"	11/32"	5/32"	9
	W817104	1/2"	1 1/4"	11/32"	5/32"	9
	W817105	5/8"	1 3/4"	13/32"	5/32"	14
	W817106	3/4"	1 1/2"	15/32"	7/32"	16
	W817107	7/8"	2"	9/16"	7/32"	33

! All parts on pages 176-178 are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2 STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: W817 ~~1~~ 03 = ELECTRO GALV
2

SERIES GRC « ROD COUPLING

COUPLING

MATERIAL:

Hexagon carbon steel

FINISH:

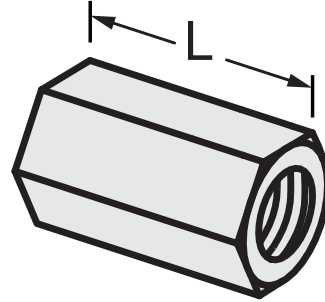
Electro-galvanized

ORDERING:

Specify rod tapping size; finish; and Series #

AVAILABLE IN:

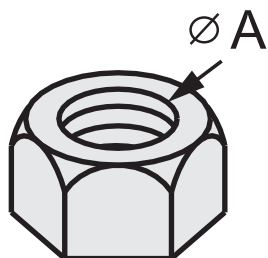
304 & 316 stainless steel

**ROD COUPLERS (SERIES GRC)**

	PART #	THREAD SIZE	LENGTH	CARTON QTY.	LBS./ 100 PCS.
	GRC025	1/4-20	7/8"	100	2
	GRC037	3/8-16	1 1/8"	100	11
	GRC050	1/2-13	1 3/4"	100	11
	GRC062	5/8-11	2 1/8"	100	16
	GRC075	3/4-10	2 1/4"	100	28

HEX NUT » SERIES W810 & W811

NUTS

**MATERIAL:**

Carbon steel

FINISH:

Electro-galvanized

ORDERING:

Specify rod size; finish; standard or heavy duty and Series #

AVAILABLE IN:

304 & 316 stainless steel

HEX NUT (SERIES W810)

	PART #	ROD SIZE (A)	STANDARD DUTY
			LBS./ 100 PCS.
	W810102	1/4"	.74
	W810103	3/8"	1.6
	W810104	1/2"	3.75
	W810105	5/8"	7.33
	W810106	3/4"	11.9
	W810107	7/8"	19.0

HEX NUT (SERIES W811)

	PART #	ROD SIZE (A)	HEAVY DUTY
			LBS./ 100 PCS.
	W811102	1/4"	1.2
	W811103	3/8"	3.2
	W811104	1/2"	6.6
	W811105	5/8"	12
	W811106	3/4"	19
	W811107	7/8"	30

SERIES W821 « FLAT END LAG SCREW SCREWS

MATERIAL:

Low carbon steel

FINISH:

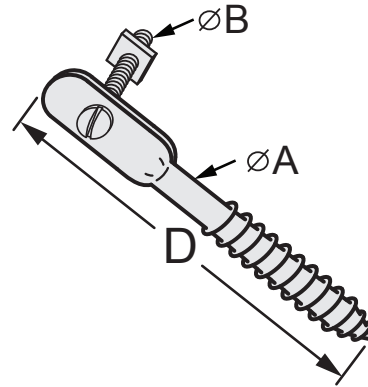
Electro-galvanized

ORDERING:

Specify bolt diameter; bolt length; and Series #

FUNCTION:

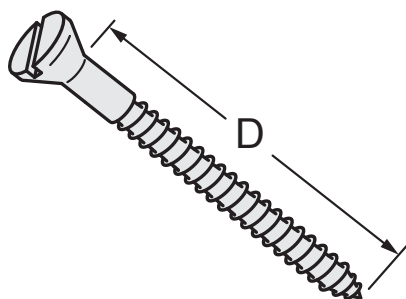
Designed for attaching hangers to wood structures in light duty applications

**FLAT END LAG SCREW (SERIES W821)**

	PART #	LAG Ø SIZE (A)	BOLT SIZE (B)	SIZE (D)	MAXIMUM REC. LOAD (LBS.)	LBS./ 100 PCS.
	W82125300	1/4"	1/2"	3"	230	4
	W82131300	5/16"	5/8"	3"	300	7
	W82137400	3/8"	3/4"	4"	360	10

WOOD DRIVE SCREW » SERIES W825

SCREWS

**MATERIAL:**

Low carbon steel

FINISH:

Electro-galvanized

ORDERING:

Specify size; length; finish; and Series #

WOOD DRIVE SCREW (SERIES W825)

	SIZE (D)	SIZE NUMBER OF SCREW		
		12	14	16
	1 1/2"	W82512125 1.4 LBS./100 PCS.	W82514125 1.6 LBS./100 PCS.	-
	2"	W82512200 1.5 LBS./100 PCS.	W82514200 1.8 LBS./100 PCS.	W82516200 2.5 LBS./100 PCS.

SERIES W820 « LAG SCREW SCREWS

MATERIAL:

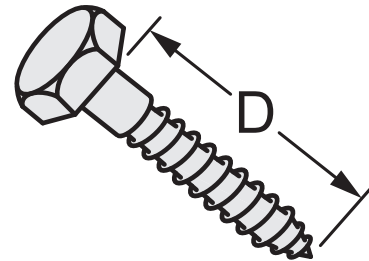
Carbon steel

FINISH:

Electro-galvanized

ORDERING:

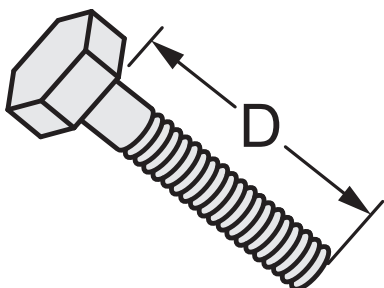
Specify bolt diameter; bolt length; finish; and Series #

**LAG SCREW (SERIES W820)**

	SIZE (D)	DIAMETER OF LAG SCREW				
		1/4"	3/8"	1/2"	5/8"	3/4"
	1"	W82025100 1.5 LBS./100 PCS.	W82037200 3.6 LBS./100 PCS.	-	-	-
	1 1/4"	W82025125 1.8 LBS./100 PCS.	W82037125 4.2 LBS./100 PCS.	-	-	-
	1 1/2"	W82025150 2.0 LBS./100 PCS.	W82037150 4.7 LBS./100 PCS.	W82050150 8.8 LBS./100 PCS.	-	-
	1 3/4"	W82025175 2.3 LBS./100 PCS.	W82037175 5.4 LBS./100 PCS.	-	-	-
	2"	W82025200 2.6 LBS./100 PCS.	W82037200 6.1 LBS./100 PCS.	W82050200 10.9 LBS./100 PCS.	W82062200 20.2 LBS./100 PCS.	-
	2 1/2"	W82025250 3.0 LBS./100 PCS.	W82037250 7.1 LBS./100 PCS.	W82050250 12.7 LBS./100 PCS.	W82062250 23.2 LBS./100 PCS.	W82075250 36.4 LBS./100 PCS.
	3"	W82025300 3.7 LBS./100 PCS.	W82037300 8.5 LBS./100 PCS.	W82050300 15.4 LBS./100 PCS.	W82062300 27.4 LBS./100 PCS.	W82075300 42.5 LBS./100 PCS.
	3 1/2"	W82025350 4.2 LBS./100 PCS.	W82037350 9.6 LBS./100 PCS.	W82050350 17.3 LBS./100 PCS.	W82062350 30.4 LBS./100 PCS.	W82075350 47.0 LBS./100 PCS.
	4"	W82025400 4.8 LBS./100 PCS.	W82037400 11.1 LBS./100 PCS.	W82050400 20.1 LBS./100 PCS.	W82062400 34.8 LBS./100 PCS.	W82075400 53.1 LBS./100 PCS.
	4 1/2"	W82025450 5.3 LBS./100 PCS.	W82037450 12.1 LBS./100 PCS.	W82050450 22.8 LBS./100 PCS.	W82062450 37.6 LBS./100 PCS.	W82075450 57.4 LBS./100 PCS.
	5"	W82025500 6.0 LBS./100 PCS.	W82037500 13.6 LBS./100 PCS.	W82050500 24.5 LBS./100 PCS.	W82062500 41.8 LBS./100 PCS.	W82075500 63.7 LBS./100 PCS.

HEX HEAD BOLT-STANDARD DUTY » SERIES W835

HEX HEAD BOLTS

**MATERIAL:**

Low carbon steel

FINISH:

Electro-galvanized

ORDERING:

Specify bolt diameter; bolt length; finish; and Series #.
See Series W810 & W811 if hex nuts are required.

FUNCTION:

Designed to fasten devices together

AVAILABLE IN:

304 & 316 stainless steel

HEX HEAD BOLT – STANDARD DUTY (SERIES W835)

SIZE (D)	DIAMETER OF HEX BOLT				
	3/8"	1/2"	5/8"	3/4"	7/8"
2"	W83537200 7 LBS./100 PCS.	W83550200 14 LBS./100 PCS.	W83562200 23 LBS./100 PCS.	W83575200 35 LBS./100 PCS.	-
2 1/4"	W83537225 8 LBS./100 PCS.	W83550225 15 LBS./100 PCS.	W83562225 25 LBS./100 PCS.	W83575225 39 LBS./100 PCS.	-
2 1/2"	W83537250 9 LBS./100 PCS.	W83550250 17 LBS./100 PCS.	W83562250 27 LBS./100 PCS.	W83575250 42 LBS./100 PCS.	W83587250 60 LBS./100 PCS.
2 3/4"	W83537275 10 LBS./100 PCS.	W83550275 18 LBS./100 PCS.	W83562275 29 LBS./100 PCS.	W83575275 45 LBS./100 PCS.	W83587275 64 LBS./100 PCS.
3"	W83537300 10 LBS./100 PCS.	W83550300 20 LBS./100 PCS.	W83562300 32 LBS./100 PCS.	W83575300 48 LBS./100 PCS.	W83587300 68 LBS./100 PCS.
3 1/4"	W83537325 11 LBS./100 PCS.	W83550325 21 LBS./100 PCS.	W83562325 34 LBS./100 PCS.	W83575325 51 LBS./100 PCS.	W83587325 72 LBS./100 PCS.
3 1/2"	W83537350 12 LBS./100 PCS.	W83550350 22 LBS./100 PCS.	W83562350 36 LBS./100 PCS.	W83575350 54 LBS./100 PCS.	W83587350 76 LBS./100 PCS.
3 3/4"	W83537375 13 LBS./100 PCS.	W83550375 24 LBS./100 PCS.	W83562375 38 LBS./100 PCS.	W83575375 57 LBS./100 PCS.	W83587375 80 LBS./100 PCS.
4"	W83537400 13 LBS./100 PCS.	W83550400 25 LBS./100 PCS.	W83562400 40 LBS./100 PCS.	W83575400 60 LBS./100 PCS.	W83587400 85 LBS./100 PCS.

! All standard hex head bolts are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: When ordering 2" Long, 3/8" size, 316 stainless steel standard hex head bolt the part # would be: **W835037200SS(316)**

SERIES W836 « HEX HEAD BOLT-HEAVY DUTY

HEX HEAD BOLTS

MATERIAL:

Low carbon steel

FINISH:

Electro-galvanized

ORDERING:

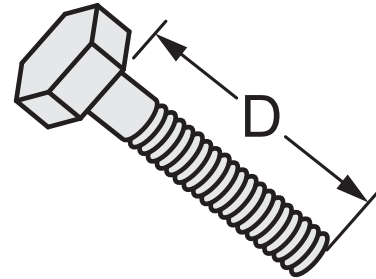
Specify bolt diameter; bolt length; finish; and Series #.
See Series W810 & W811 if hex nuts are required.

FUNCTION:

Designed to fasten devices together

AVAILABLE IN:

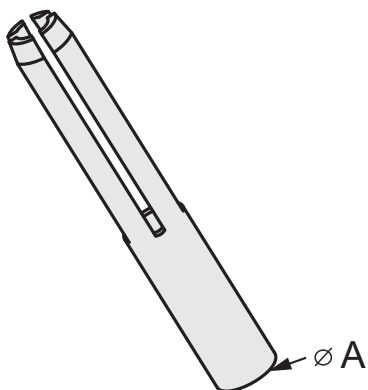
304 & 316 stainless steel

**HEX HEAD BOLT – HEAVY DUTY (SERIES W836)**

	SIZE (D)	DIAMETER OF HEX BOLT				
		3/8"	1/2"	5/8"	3/4"	7/8"
	2"	W83637200 7 LBS./100 PCS.	W83650200 14 LBS./100 PCS.	W83662200 23 LBS./100 PCS.	W83675200 35 LBS./100 PCS.	-
	2 1/4"	W83637225 8 LBS./100 PCS.	W83650225 15 LBS./100 PCS.	W83662225 25 LBS./100 PCS.	W83675225 39 LBS./100 PCS.	-
	2 1/2"	W83637250 9 LBS./100 PCS.	W83650250 17 LBS./100 PCS.	W83662250 27 LBS./100 PCS.	W83675250 42 LBS./100 PCS.	W83687250 60 LBS./100 PCS.
	2 3/4"	W83637275 10 LBS./100 PCS.	W83650275 18 LBS./100 PCS.	W83662275 29 LBS./100 PCS.	W83675275 45 LBS./100 PCS.	W83687275 64 LBS./100 PCS.
	3"	W83637300 10 LBS./100 PCS.	W83650300 20 LBS./100 PCS.	W83662300 32 LBS./100 PCS.	W83675300 48 LBS./100 PCS.	W83687300 68 LBS./100 PCS.
	3 1/4"	W83637325 11 LBS./100 PCS.	W83650325 21 LBS./100 PCS.	W83662325 34 LBS./100 PCS.	W83675325 51 LBS./100 PCS.	W83687325 72 LBS./100 PCS.
	3 1/2"	W83637350 12 LBS./100 PCS.	W83650350 22 LBS./100 PCS.	W83662350 36 LBS./100 PCS.	W83675350 54 LBS./100 PCS.	W83687350 76 LBS./100 PCS.
	3 3/4"	W83637375 13 LBS./100 PCS.	W83650375 24 LBS./100 PCS.	W83662375 38 LBS./100 PCS.	W83675375 57 LBS./100 PCS.	W83687375 80 LBS./100 PCS.
	4"	W83637400 13 LBS./100 PCS.	W83650400 25 LBS./100 PCS.	W83662400 40 LBS./100 PCS.	W83675400 60 LBS./100 PCS.	W83687400 85 LBS./100 PCS.

ANCHOR DROP-IN » SERIES W840

ANCHORS

**MATERIAL:**

Steel

FINISH:

Electro-galvanized

ORDERING:

Specify bolt size; finish; and Series #

FUNCTION:

For use in concrete and stone with machine screw

ANCHOR DROP-IN (SERIES W840)

	PART #	ANCHOR SIZE (A)	HOLE SIZE	THREADS DEPTH	CARTON QTY.	LBS./ 100 PCS.
	W840202	1/4"	3/8"	1/2"	100	2.88
	W840203	3/8"	1/2"	5/8"	100	6.32
	W840204	1/2"	5/8"	3/4"	50	11.56
	W840205	5/8"	7/8"	1"	25	37.8
	W840206	3/4"	1"	1 1/4"	25	48.00

SERIES W842 « WEDGE ANCHOR

ANCHORS

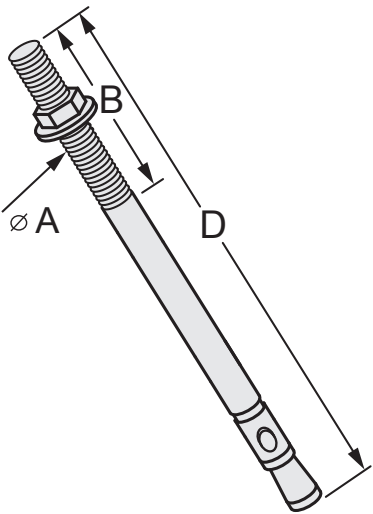
SIZE RANGE:
3/8" through 5/8" long

MATERIAL:
Low carbon steel

FINISH:
Electro-galvanized

ORDERING:
Specify rod size; length; and Series #

FUNCTION:
Designed to be driven into a pre-drilled hole. The expansion of the case is controlled by the tightening of the nut, this eliminates the need for an exact hole size. Useful in applications where a high resistance to vibratory loads is desired.



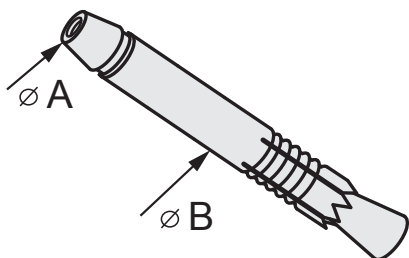
WEDGE ANCHOR (SERIES W842)

	PART #	ROD SIZE (A)	MACHINE THREADS SIZE (B)	MINIMUM EMBEDMENT	WEIGHT PER EA.
	W842203	3/8"	1 1/8"	1 5/8"	.03
	W842204	1/2"	1 1/4"	2 1/4"	.06
	W842205	5/8"	1 1/2"	2 3/4"	.11

NOTE: Please consult factory for length (D).

SELF DRILLING SNAP-OFF FLUSH » SERIES W841

ANCHORS

**SIZE RANGE:**

3/8" through 5/8" long

MATERIAL:

Case hardened steel

FINISH:

Electro-galvanized

ORDERING:

Specify rod size and Series #

FUNCTION:

Designed to function as a drill, drilling its own hole and as an anchor. The tapered chuck end of the anchor is attached to an air hammer, then after drilling is complete, the tapered end snaps off leaving the anchor flush with the wall. Useful when a large number of anchors are to be installed.

SELF DRILLING SNAP-OFF FLUSH (SERIES W841)

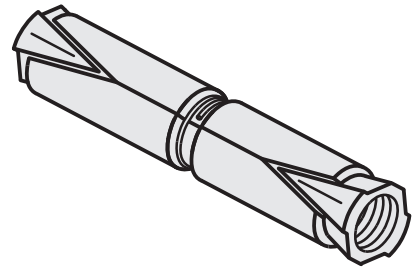
	PART #	ROD SIZE Ø (A)	OUTSIDE Ø SIZE (B)	THREAD DEPTH	HOLE DEPTH	WEIGHT PER EA.
	W841203	3/8"	9/16"	9/16"	1 17/32"	.10
	W841204	1/2"	11/16"	13/16"	2 1/32"	.18
	W841205	5/8"	27/32"	15/16"	2 15/32"	.36

SERIES W850 « DOUBLE EXPANSION SHIELD

ANCHORS

ADVANTAGES/FEATURES:

- Can be used for fastening into rock, concrete, brick, etc.
- Eliminates high stress points detrimental in fastening into materials of medium hardness, expands full and high gripping power.
- Ideal for sheer loads or where bolt is subject to side pressure or vibration.
- Does not fracture, and permits fastening at any length



INSTALLATION INSTRUCTIONS:

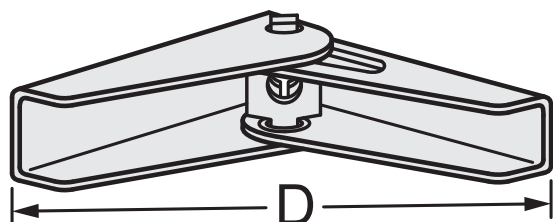
- 1| Drill hole of recommended diameter (*slightly deeper than length of shield*)
- 2| Shield should be flush or slightly below surface of masonry. Place fixture, insert machine bolt and tighten.
- 3| A deep setting increases holding power of masonry. If needed, place a pipe sleeve between shield & fixture being attached.

DOUBLE EXPANSION SHIELD (SERIES W850)

	PART #	INTERNAL DIAMETER	HOLE SIZE	ANCHOR LENGTH	3000 PSI		CARTON QTY.	LBS./ 100 PCS.
					TENSILE STRENGTH	SHEAR STRENGTH		
	W850202	1/4"	1/2"	1"	1850 LBS.	2780 LBS.	100	4
	W850203	3/8"	3/4"	1 1/2"	3900 LBS.	4485 LBS.	50	14
	W850204	1/2"	7/8"	2"	4600 LBS.	9300 LBS.	25	18
	W850205	5/8"	1"	2 1/4"	5950 LBS.	13250 LBS.	25	25
	W850206	3/4"	1 1/4"	2 7/8"	9350 LBS.	16200 LBS.	10	54

WING TOGGLE » SERIES W855

ANCHORS

**FINISH:**

Electro-galvanized

ORDERING:

Specify rod size and Series #

WING TOGGLE (SERIES W855)

	PART #	ROD SIZE (A)	SIZE (D)	HOLE SIZE	LBS./ 100 PCS.
	W855203	3/8"	3"	1"	7
	W855204	1/2"	4 7/16"	1 1/4"	8

SERIES W830 « OFFSET EYE SOCKET

THREADED ACCESSORIES

MATERIAL:

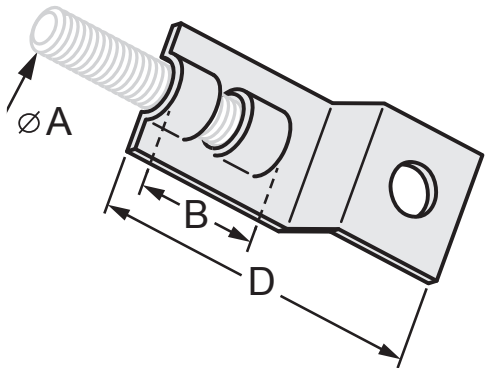
Low carbon steel

FINISH:

Plain and electro-galvanized

ORDERING:

Specify rod size and Series #

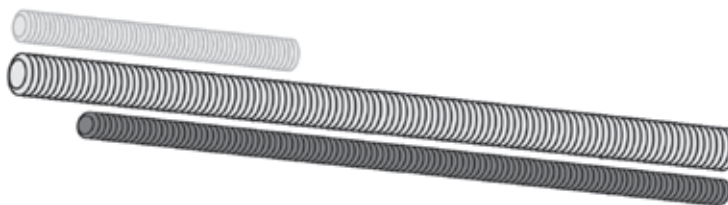


OFFSET EYE SOCKET (SERIES W830)

	PART #	FINISH	ROD SIZE (A)	MAXIMUM PIPE SIZE	LAG SCREW SIZE	SIZE (B)	SIZE (D)	MAXIMUM REC. LOAD (LBS.)	LBS./ 100 PCS.
	W830103	PLAIN	3/8"	2"	3/8" X 2 1/2"	1"	2 5/8"	610	9
	W830203	ELECTRO-GALV	3/8"	2"	3/8" X 2 1/2"	1"	2 5/8"	601	9

ALL THREADED ROD » SERIES GAT

THREADED ACCESSORIES



ALL THREADED ROD (SERIES GAT)

	PART #	THREAD SIZE	ROD LENGTH	PIECES/TUBE	TUBES/BUNDLES	LBS./PIECE
	GAT0256	1/4-20	6'	50	40	.7
	GAT02510		10'		25	1.2
	GAT02512		12'		25	1.4
	GAT0316	5/16-18	6'	35	40	1.1
	GAT03110		10'		25	1.9
	GAT03112		12'		25	2.3
	GAT0376	3/8-16	6'	25	40	1.7
	GAT03710		10'		25	2.9
	GAT03712		12'		25	3.5
	GAT0506	1/2-13	6'	12	40	3.2
	GAT05010		10'		25	5.3
	GAT05012		12'		25	6.4
	GAT0626	5/8-11	6'	8	40	5.0
	GAT06210		10'		25	8.3
	GAT06212		12'		25	10.0
	GAT0756	3/4-10	6'	5	40	7.3
	GAT07510		10'		25	12.2
	GAT07512		12'		25	14.6
	GAT0876	7/8-9	6'	4	40	9.9
	GAT08710		10'		25	16.5
	GAT08712		12'		25	19.8
	GAT1006	1-8	6'	2	50	13.3
	GAT10010		10'		50	22.2
	GAT10012		12'		50	26.6
	GAT1126	1 1/8-7	6'	1	10	16.9
	GAT11210		10'		10	28.1
	GAT11212		12'		10	33.7
	GAT1256	1 1/4-7	6'	1	10	21.0
	GAT12510		10'		10	35.0
	GAT12512		12'		10	42.0

NOTE: *Finish: Electro-galvanized. Also available in stainless steel, hot-dipped galvanized and plain steel. The 5/16", 1 1/8", 1 1/4" sizes are only available in the electro-galvanized finish. The 1/4" sizes are not available in the hot-dipped galvanized finish.

! All parts are electrogalvanized. For other finishes, please specify finish type by adding the following suffix to the part #: **STAINLESS STEEL (304) = SS STAINLESS STEEL (316) = SS(316) HOT-DIPPED GALVANIZED = HDG PLAIN = PO**
 Example: When ordering 10' long, 1/2" size, hot-dipped galvanized all-thread, the part # would be: **GAT05010HDG**

MACHINE THREAD HANGER ROD SERIES W863 « RIGHT HAND THREADS

THREADED ACCESSORIES

SIZE RANGE:

3/8" through 1" rod size

MATERIAL:

Low carbon steel

FINISH:

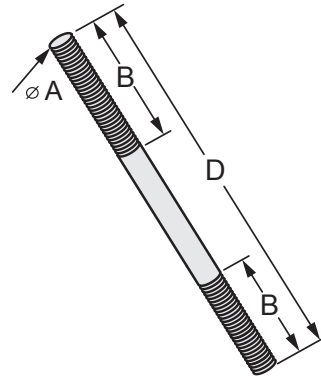
Plain

ORDERING:

Specify rod size; bolt length; finish; and Series #

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel


MACHINE THREAD HANGER ROD – RIGHT HAND THREADS (SERIES W863)

	PART #	ROD SIZE (A)	MACHINE THREADS SIZE (B)	MAXIMUM RECOMMENDED LOAD (LBS.)		LBS./ PER FT.
				650 F	750 F	
	W863103	3/8"	2 1/2"	730	540	.37
	W863104	1/2"	2 1/2"	1350	1010	.72
	W863105	5/8"	2 1/2"	1810	1610	1.08
	W863106	3/4"	3"	2710	2420	1.56
	W863107	7/8"	3 1/2"	3770	3360	2.04
	W863110	1"	4"	4960	4420	2.64

NOTE: Please consult factory for length (D).

! Threaded hanger rods are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

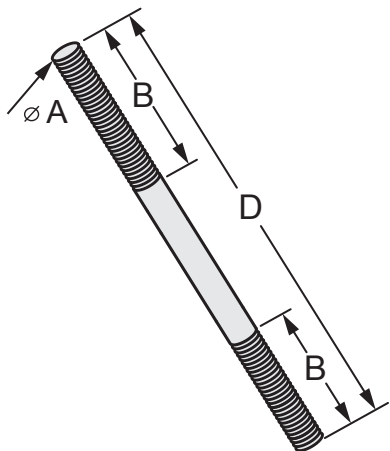
Example: **W863 1 03 = ELECTRO GALV**

2

MACHINE THREAD HANGER ROD

RIGHT & LEFT HAND THREADS » SERIES W864

THREADED ACCESSORIES

**SIZE RANGE:**

3/8" through 1" rod size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; length; finish; and Series #

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

MACHINE THREAD HANGER ROD – RIGHT & LEFT HAND THREADS (SERIES W864)

	PART #	ROD SIZE (A)	MACHINE THREADS SIZE (B)	MAXIMUM REC. LOAD (LBS.)		LBS./ PER FT.
				650 F	750 F	
	W864103	3/8"	2 1/2"	730	540	.37
	W864104	1/2"	2 1/2"	1350	1010	.72
	W864105	5/8"	2 1/2"	1810	1610	1.08
	W864106	3/4"	3"	2710	2420	1.56
	W864107	7/8"	3 1/2"	3770	3360	2.04
	W864110	1"	4"	4960	4420	2.64

NOTE: Please consult factory for length (D).

! Thread hanger rods are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W864 1 03** = ELECTRO GALV

2

SERIES W866 « EYE ROD-RIGHT HAND THREADS

THREADED ACCESSORIES

SIZE RANGE:

3/8" through 1" long

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

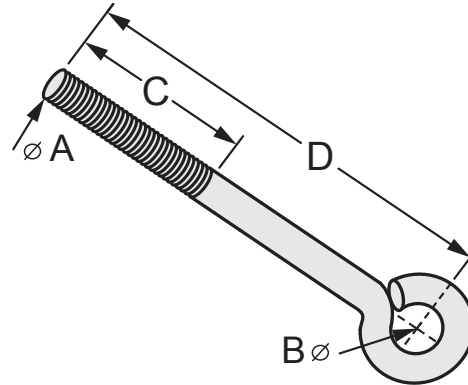
Specify rod size; length; finish; and Series #

FUNCTION:

Designed for use in hanger assemblies

AVAILABLE IN:

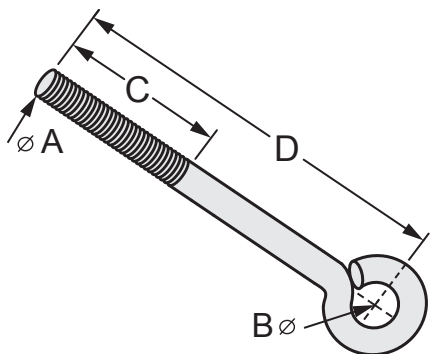
Electro-galvanized, 304 & 316 stainless steel

**EYE ROD – RIGHT HAND THREADS (SERIES W866)**

	PART #	ROD SIZE (A)	Ø SIZE (B)	MACHINE THREADS SIZE (C)	MAX. REC. LOAD (LBS.) 650 F	WEIGHT EA. (IN LBS.) TOTAL LENGTH (D)													
						8"	10"	12"	14"	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"
	W866103	3/8"	5/8"	2 1/2"	240	.32	.38	.44	.50	.63	.80	1.00	1.18	1.39	1.58	1.76	1.95	2.14	2.33
	W866104	1/2"	3/4"	2 1/2"	440	.60	.70	.82	.94	1.16	1.50	1.83	2.17	2.49	2.83	3.16	3.49	3.83	4.06
	W866105	5/8"	7/8"	2 1/2"	705	.97	1.14	1.31	1.49	1.84	2.36	2.88	3.40	3.92	4.44	4.96	5.48	6.00	6.52
	W866106	3/4"	1"	3"	1050	1.44	1.68	1.94	2.19	2.68	3.44	4.17	4.94	5.70	6.45	7.20	7.95	8.70	9.45
	W866107	7/8"	1 1/8"	3 1/2"	1470	2.04	2.32	2.68	3.02	3.73	4.72	5.74	6.79	7.81	8.83	9.85	10.87	11.89	12.91
	W866110	1"	1 1/4"	4"	1940	2.67	3.11	3.56	4.00	4.89	6.78	8.18	8.89	10.48	11.87	13.19	14.51	15.91	17.25

EYE ROD-LEFT HAND THREADS » SERIES W867

THREADED ACCESSORIES

**SIZE RANGE:**

3/8" through 1" long

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; length; finish; and Series #

FUNCTION:

Designed for use in hanger assemblies

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

EYE ROD – LEFT HAND THREADS (SERIES W867)

	PART #	ROD SIZE (A)	Ø SIZE (B)	MACHINE THREADS SIZE (C)	MAX. REC. LOAD (LBS.) 650 F	WEIGHT EA. (IN LBS.) TOTAL LENGTH (D)															
						8"	10"	12"	14"	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"		
	W867103	3/8"	3/8"	2 1/2"	240	.32	.38	.44	.50	.63	.80	1.00	1.18	1.39	1.58	1.76	1.95	2.14	2.33		
	W867104	1/2"	1/2"	2 1/2"	440	.60	.70	.82	.94	1.16	1.50	1.83	2.17	2.49	2.83	3.16	3.49	3.83	4.06		
	W867105	5/8"	5/8"	2 1/2"	705	.97	1.14	1.31	1.49	1.84	2.36	2.88	3.40	3.92	4.44	4.96	5.48	6.00	6.52		
	W867106	3/4"	3/4"	3"	1050	1.44	1.68	1.94	2.19	2.68	3.44	4.17	4.94	5.70	6.45	7.20	7.95	8.70	9.45		
	W867107	7/8"	7/8"	3 1/2"	1470	2.04	2.32	2.68	3.02	3.73	4.72	5.74	6.79	7.81	8.83	9.85	10.87	11.89	12.91		
	W867110	1"	1"	4"	1940	2.67	3.11	3.56	4.00	4.89	6.78	8.18	8.89	10.48	11.87	13.19	14.51	15.91	17.25		

WELDED EYE ROD SERIES W868 « RIGHT HAND THREADS

THREADED ACCESSORIES

SIZE RANGE:

3/8" through 1" long

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

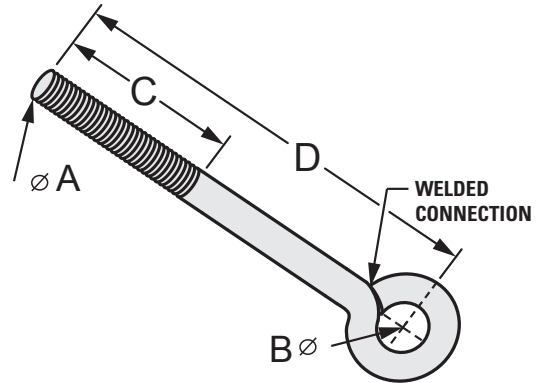
Specify rod size; length; finish; and Series #

FUNCTION:

Designed for use in hanger assemblies. Welded design allows the eye to develop the full strength of the rod.

AVAILABLE IN:

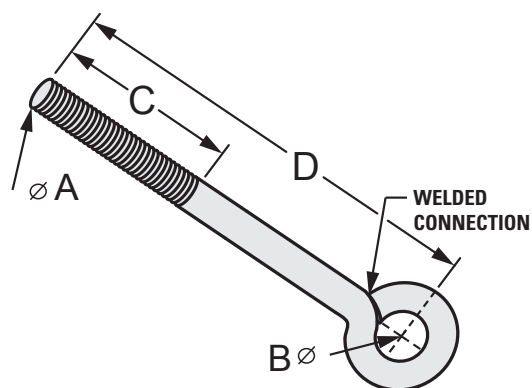
Electro-galvanized, 304 & 316 stainless steel


WELDED EYE ROD – RIGHT HAND THREADS (SERIES W868)

	PART #	ROD SIZE (A)	Ø SIZE (B)	MACHINE THREADS SIZE(C)	MAX. REC. LOAD (LBS.)		WEIGHT EA. (IN LBS.) TOTAL LENGTH (D)																
					650 F	750 F	8"	10"	12"	14"	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"			
	W868103	3/8"	3/8"	2 1/2"	730	540	.32	.38	.44	.50	.63	.80	1.00	1.18	1.39	1.58	1.76	1.95	2.14	2.33			
	W868104	1/2"	1/2"	2 1/2"	1350	1010	.60	.70	.82	.94	1.16	1.50	1.83	2.17	2.49	2.83	3.16	3.49	3.83	4.06			
	W868105	5/8"	5/8"	2 1/2"	1810	1610	.97	1.14	1.31	1.49	1.84	2.36	2.88	3.40	3.92	4.44	4.96	5.48	6.00	6.52			
	W868106	3/4"	3/4"	3"	2710	2420	1.44	1.68	1.94	2.19	2.68	3.44	4.17	4.94	5.70	6.45	7.20	7.95	8.70	9.45			
	W868107	7/8"	7/8"	3 1/2"	3770	3360	2.04	2.32	2.68	3.02	3.73	4.72	5.74	6.79	7.81	8.83	9.85	10.87	11.89	12.91			
	W868110	1"	1"	4"	4960	4420	2.67	3.11	3.56	4.00	4.89	6.78	8.18	8.89	10.48	11.87	13.19	14.51	15.91	17.25			

WELDED EYE ROD LEFT HAND THREADS » SERIES W869

THREADED ACCESSORIES


SIZE RANGE:

3/8" through 1" long

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; length; finish; and Series #

FUNCTION:

Designed for use in hanger assemblies

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

WELDED EYE ROD – LEFT HAND THREADS (SERIES W869)

	PART #	ROD SIZE (A)	Ø SIZE (B)	MACHINE THREADS SIZE(C)	MAX. REC. LOAD (LBS.)		WEIGHT EA. (IN LBS.) TOTAL LENGTH (D)															
					650 F	750 F	8"	10"	12"	14"	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"		
	W869103	3/8"	3/8"	2 1/2"	730	540	.32	.38	.44	.50	.63	.80	1.00	1.18	1.39	1.58	1.76	1.95	2.14	2.33		
	W869104	1/2"	1/2"	2 1/2"	1350	1010	.60	.70	.82	.94	1.16	1.50	1.83	2.17	2.49	2.83	3.16	3.49	3.83	4.06		
	W869105	5/8"	5/8"	2 1/2"	1810	1610	.97	1.14	1.31	1.49	1.84	2.36	2.88	3.40	3.92	4.44	4.96	5.48	6.00	6.52		
	W869106	3/4"	3/4"	3"	2710	2420	1.44	1.68	1.94	2.19	2.68	3.44	4.17	4.94	5.70	6.45	7.20	7.95	8.70	9.45		
	W869107	7/8"	7/8"	3 1/2"	3770	3360	2.04	2.32	2.68	3.02	3.73	4.72	5.74	6.79	7.81	8.83	9.85	10.87	11.89	12.91		
	W869110	1"	1"	4"	4960	4420	2.67	3.11	3.56	4.00	4.89	6.78	8.18	8.89	10.48	11.87	13.19	14.51	15.91	17.25		

SERIES GUB « U-BOLT

THREADED ACCESSORIES

SIZE RANGE:

1/2" through 24" pipe sizes

MATERIAL:

Carbon steel

FINISH:

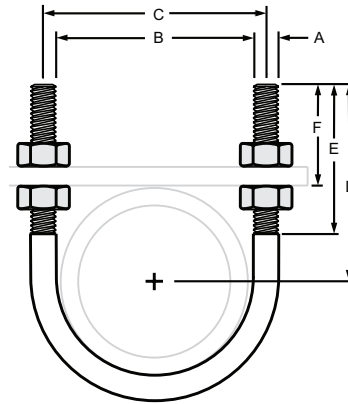
Plain

ORDERING:

Specify pipe size; finish; and Series #

FUNCTION:

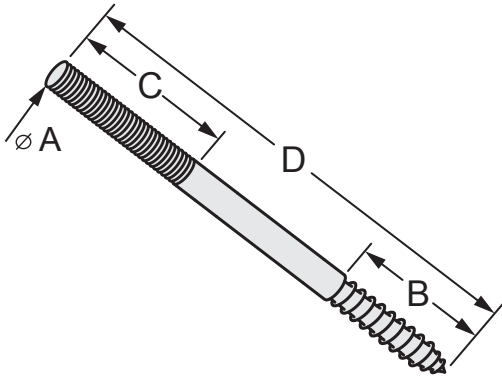
Designed as a support, guide, or anchor for heavy loads

AVAILABLE IN:Electro-galvanized, plain with PVC coatings,
304 & 316 stainless steel**U-BOLT (SERIES GUB)**

	PART #	PIPE SIZE	ROD SIZE (A)	(B)	(C)	(D)	(E)	(F)	CARTON QTY.	LBS./ 100 PCS.
	GUB050	1/2	1/4"	15/16"	1 3/16"	2 3/4"	2 1/8"	2 5/16"	100	11
	GUB075	3/4		1 1/8"	1 3/8"			2 7/32"	100	12
	GUB100	1		1 3/8"	1 5/8"			2 3/32"	100	12
	GUB125	1 1/4	3/8"	1 11/16"	2 1/16"	2 7/8"	2 1/8"	2 1/32"	50	28
	GUB150	1 1/2		2"	2 3/8"	3"	2 1/2"	2 1/16"	50	30
	GUB200	2		2 7/16"	2 13/16"	3 1/4"		50	33	
	GUB250	2 1/2	1/2"	2 15/16	3 7/16"	3 3/4"	3"	2 5/16"	25	73
	GUB300	3		3 9/16"	4 1/16"	4"		2 1/4"	25	78
	GUB350	3 1/2		4 1/16"	4 9/16"	4 1/4"			25	84
	GUB400	4		4 9/16"	5 1/16"	4 1/2"			25	90
	GUB500	5		5 5/8"	6 1/8"	5"		2 7/32"	10	101
	GUB600	6	5/8	6 3/4"	7 3/8"	6 1/8"	3 3/4"	2 13/16"	10	200
	GUB800	8		8 3/4"	9 3/8"	7 1/8"		10	233	
	GUB1000	10	3/4	10 7/8"	11 5/8"	8 3/8"	4"	3"	BULK	491
	GUB1200	12	7/8"	12 7/8"	13 3/4"	9 5/8"	4"	3 1/4"	BULK	773
	GUB1400	14		14 1/8"	15"	10 1/4"	4 1/4"		BULK	830
	GUB1600	16		16 1/8"	17"	11 1/4"			BULK	920
	GUB1800	18	1"	18 1/8"	19 1/8"	12 5/8"	4 3/4"	3 5/8"	BULK	1350
	GUB2000	20		20 1/8"	21 1/8"	13 5/8"			BULK	1460
	GUB2400	24		24 1/8"	25 1/8"	15 5/8"			BULK	1690

COACH SCREW ROD » SERIES W865

THREADED ACCESSORIES

**SIZE RANGE:**

3 1/2" through 12" long

MATERIAL:

Carbon steel

FINISH:

Plain

ORDERING:

Specify length; finish; and Series #

FUNCTION:

Machine threaded on opposite end, designed for suspending pipe supports from wood structures

AVAILABLE IN:

Electro-galvanized

COACH SCREW ROD (SERIES W865)

	PART #	ROD SIZE (A)	COACH THREADS SIZE (B)	MACHINE THREADS SIZE (C)	MAX. REC. LOAD (LBS.)	WEIGHT EA. (IN LBS.) TOTAL LENGTH (D)				
						4"	6"	8"	10"	12"
	W865103	3/8"	2"	2"	390	.12	.19	.25	.31	.37
	W865104	1/2"	2"	2 1/2"	460	.22	.34	.44	.56	.67

! All coach screw rods are plain steel. To order other finishes, change the 5th character in the part # as seen below:

ELECTRO-GALVANIZED = 2

Example: W865103 = ELECTRO GALV
2

SERIES W873 « U-HOOK

THREADED ACCESSORIES

SIZE RANGE:

3/4" through 4" pipe size

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

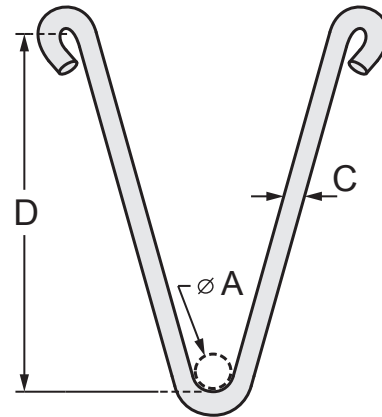
Specify pipe size; length; finish; and Series #

FUNCTION:

Designed for the suspension of pipe below wood structures

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

**U-HOOK (SERIES W873)**

	PART #	Ø PIPE SIZE (A)	SIZE (C)	MAX. REC. LOAD (LBS.)	WEIGHT EA. (IN LBS.) TOTAL LENGTH (D)								
					6"	8"	10"	12"	14"	16"	18"	20"	24"
	W873106	3/4"	5/16"	250	.36	.45	.54	.62	.71	.80	.81	.96	1.08
	W873110	1"	5/16"	250	.37	.46	.55	.62	.72	.81	.82	.98	1.16
	W873112	1 1/4"	5/16"	250	.37	.47	.55	.64	.73	.82	.90	.99	1.16
	W873114	1 1/2"	5/16"	250	.38	.47	.56	.65	.73	.83	.92	1.00	1.17
	W873120	2"	5/16"	250	.41	.49	.58	.67	.76	.85	.93	1.02	1.19
	W873124	2 1/2"	3/8"	320	.59	.72	.84	.97	1.09	1.22	1.34	1.47	1.73
	W873130	3"	3/8"	320	.60	.73	.85	.98	1.10	1.23	1.35	1.48	1.73
	W873134	3 1/2"	1/2"	560	1.14	1.36	1.59	1.81	2.03	2.25	2.48	2.70	3.15
	W873140	4"	1/2"	560	1.17	1.39	1.61	1.84	2.06	2.28	2.50	2.73	3.17

! All u-hooks are plain steel. To order other finishes, change the 5th character in the part # as seen below:

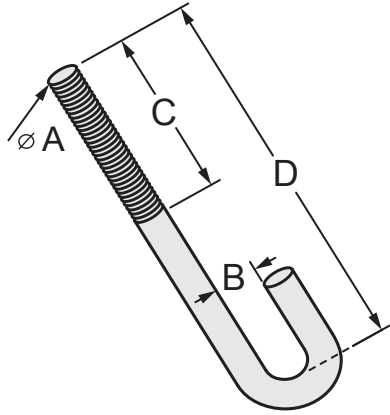
ELECTRO-GALVANIZED = 2 STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0

Example: **W873.106** = ELECTRO GALV

2

J-BEAM BOLT » SERIES W871

THREADED ACCESSORIES

**SIZE RANGE:**

3/8" through 7/8" long

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

Specify rod size; length; finish; and Series #

FUNCTION:

Designed to provide a means of supporting pipe from the top flange of a beam. Useful in applications where headroom is limited.

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

J-BEAM BOLT (SERIES W871)

	PART #	ROD SIZE (A)	SIZE (B)	MACHINE THREADS SIZE (C)	MAX. REC LOAD (LBS.)	WEIGHT EA. (IN LBS.) TOTAL LENGTH (D)						
						4"	5"	6"	7"	8"	10"	12"
	W871103	3/8"	2"	1/2"	240	.19	.22	.25	.28	.32	.38	.44
	W871104	1/2"	2"	5/8"	440	.33	.39	.45	.50	.56	.67	.78
	W871105	5/8"	2 1/2"	3/4"	705	.52	.60	.70	.78	.87	1.00	1.20
	W871106	3/4"	2 1/2"	7/8"	1050	.75	.88	1.00	1.10	1.26	1.50	1.75
	W871107	7/8"	2 1/2"	1"	1500	1.02	1.20	1.35	1.53	1.70	2.00	2.40

! All j-beam bolts are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W871 1 03** = ELECTRO GALV

2

SERIES W872 « ANCHOR BOLT

THREADED ACCESSORIES

SIZE RANGE:

3/8" through 1" long

MATERIAL:

Low carbon steel

FINISH:

Plain

ORDERING:

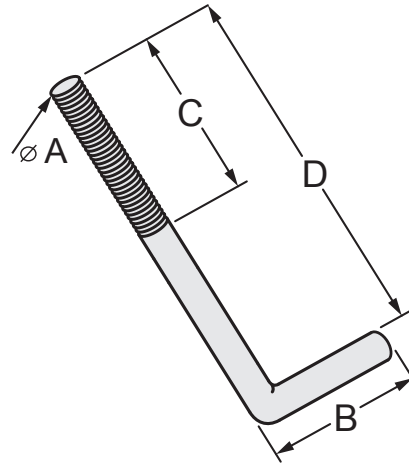
Specify rod size; length; finish; and Series #

FUNCTION:

Designed to be embedded in concrete to provide a means for fastening devices from concrete surfaces

AVAILABLE IN:

Electro-galvanized, 304 & 316 stainless steel

**ANCHOR BOLT (SERIES W872)**

	PART #	PIPE SIZE (A)	SIZE (C)	MACHINE THREADS SIZE (C)	WEIGHT EA. (IN LBS.) TOTAL LENGTH (D)			
					6"	8"	10"	12"
	W872103	3/8"	2"	2"	.28	.34	.40	.46
	W872104	1/2"	2"	2"	.52	.63	.75	.58
	W872105	5/8"	2 1/2"	2 1/2"	.81	.99	1.16	1.34
	W872106	3/4"	2 3/4"	2 1/2"	1.18	1.44	1.69	1.94
	W872107	7/8"	3"	2 1/2"	1.69	2.00	2.39	2.70
	W872110	1"	3 1/2"	3"	2.50	3.00	3.47	4.30

! All anchor bolts are plain steel. To order other finishes, change the 5th character in the part # as seen below:

STAINLESS STEEL (304) = 8 STAINLESS STEEL (316) = 0 ELECTRO-GALVANIZED = 2

Example: **W872103** = ELECTRO GALV
2

SECTION 10

G-FORCE® CROSS REFERENCE BY PRODUCT CODE

A listing of comparative product part numbers is supplied for your convenience. The codes listed are for comparison only, and products may not be completely identical. Any part not identified in the **G-FORCE®** catalog is available by referring to other manufacturers' product numbers. Parts may also be ordered for manufacturers who are not included in this catalog. Consult factory or your sales representative.

INDUSTRY PRODUCT CODES >>

CROSS REFERENCE

UNIVERSAL BEAM CLAMP - MALLEABLE >>

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W100	FIG. 92	B3034 (3/8" - 3/4" ONLY)	FIG. 192	MODEL BC1	300	FIG. 62	100 Series	FIG. 350	FIG. 65

WIDE THROAT BEAM CLAMP - MALLEABLE >>

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W110	FIG. 93 FIG. 94	B3033 (3/8" - 3/4" ONLY)	FIG. 192W	MODEL BC2	310	FIG. 61	110 Series	N/A	FIG. 66

RETAINING STRAP >>

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W115	FIG. 89	B351L B3036L	FIG. 196	N/A	255C	N/A	755 Series	N/A	N/A
W116	FIG. 89	B351L B3036L	FIG. 47	N/A	255C	N/A	756 Series	N/A	N/A
W117	FIG. 89X	FIG. 69	FIG. 192RS	N/A	300C	N/A	745 Series	N/A	FIG. 69
W118	N/A	B321	N/A	N/A	BC09	N/A	N/A	N/A	N/A

PIPE ALIGNMENT/ASSEMBLY >>

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W120	FIG. 255	B3281 B3287	FIG. 1006	N/A	650	FIG. 255	102 Series	N/A	FIG. 420 FIG. 422

PIPE SLIDE ASSEMBLY >>

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W121	FIG. 257 (TYPE 1) FIG. 436 (TYPE 1)	B3891	FIG. 1010	N/A	N/A	FIG. 4000	N/A	FIG. 690	FIG. 426
W122	FIG. 257 (TYPE 2) FIG. 436 (TYPE 2)	B3892	FIG. 1010	N/A	N/A	FIG. 4000	N/A	FIG. 690	N/A
W123	FIG. 257 (TYPE 3) FIG. 436 (TYPE 3)	B3893	FIG. 1010	N/A	N/A	FIG. 4000	N/A	FIG. 690	N/A
W124	FIG. 257 (TYPE 4) FIG. 436 (TYPE 4)	B3894	N/A	N/A	N/A	N/A	N/A	FIG. 690	N/A
W125	FIG. 257 (TYPE 5) FIG. 436 (TYPE 5)	B3895	N/A	N/A	N/A	N/A	N/A	FIG. 690	N/A
W126	FIG. 257 (TYPE 6) FIG. 436 (TYPE 6)	B3896	N/A	N/A	N/A	N/A	N/A	FIG. 690	N/A
W127	N/A	B3897	N/A	N/A	N/A	N/A	N/A	FIG. 690	N/A

ROD OR INSULATOR >>

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W130	N/A	N/A	N/A	MODEL BC5	N/A	FIG. 63	130 Series	N/A	N/A

PURLIN CLAMP >>

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W140	N/A	B3037	FIG. 290	MODEL BC3	315	N/A	125 Series	N/A	N/A

STEEL C-CLAMP >>

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W200	N/A	B351L	N/A	N/A	255	N/A	200 Series	N/A	N/A
W201	FIG. 95 (3/8" - 1/2" ONLY)	B351L	FIG. 196	N/A	255L	FIG. 21	N/A	N/A	N/A
W210	FIG. 88	B3036L	FIG. 238	N/A	N/A	N/A	210 Series	N/A	N/A
W211	FIG. 95	B3036L	FIG. 238	N/A	200	N/A	N/A	FIG. 250	FIG. 64

SUPER STEEL "C" CLAMP >>

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W215	N/A	FIG. 67SS	N/A	MODEL BC6	547 / 548	N/A	540 Series	N/A	N/A
W216	N/A	FIG. 67SS	N/A	MODEL BC6	N/A	N/A	N/A	N/A	N/A
W217	N/A	FIG. 67SS	N/A	MODEL BC6	N/A	N/A	N/A	N/A	N/A

NOTE: **Accessories measurements may not be an exact match.

INDUSTRY PRODUCT CODES »

CROSS REFERENCE

CENTER LOAD BEAM CLAMP - STANDARD DUTY »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W220	FIG. 133 FIG. 134	B2050	FIG. 15	N/A	361 (4" - 8" ONLY)	FIG. 150	220 Series	FIG. 610 FIG. 620	FIG. 62

CENTER LOAD BEAM CLAMP - HEAVY DUTY »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W225	FIG. 134	N/A	N/A	N/A	N/A	N/A	220 Series	N/A	N/A

ADJUSTABLE STEEL BEAM CLAMP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W226	FIG. 227	B3040	FIG. 45	N/A	363	FIG. 159	730 Series	N/A	FIG. 60 FIG. 336

STEEL CENTER LOAD BEAM CLAMP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W227	N/A	B3055	FIG. 268	N/A	N/A	FIG. 155	N/A	N/A	N/A

MALLEABLE BEAM CLAMP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W230	FIG. 218	B3054	FIG. 230	MODEL BC7	360	FIG. 229	246 Series	N/A	FIG. 329

PIPE SADDLE SUPPORT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W240	FIG. 191	B3098	N/A	N/A	N/A	N/A	296 Series	N/A	N/A

PIPE SADDLE SUPPORT - WITH STUD »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W245	FIG. 192	B3096	FIG. 137	N/A	722	FIG. 422	N/A	FIG. 874	FIG. 312

PIPE SADDLE SUPPORT - HEAVY DUTY - WITH U-BOLT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W250	FIG. 259	B3090	FIG. 125	N/A	721	FIG. 425	297 Series	N/A	FIG. 318

ADJUSTABLE PIPE SADDLE SUPPORT - WITH U-BOLT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W255	FIG. 265	B3092	FIG. 101U	N/A	724	FIG. 427	N/A	FIG. 876	FIG. 313 FIG. 318A

PIPE SADDLE SUPPORT - HEAVY DUTY »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W260	FIG. 258	N/A	N/A	N/A	N/A	N/A	298 Series	N/A	N/A
W261	FIG. 258	N/A	N/A	N/A	N/A	N/A	N/A	FIG. 880	N/A

ADJUSTABLE PIPE SADDLE SUPPORT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W265	FIG. 264	B3093	FIG. 101	N/A	723	FIG. 425, FIG. 426 & 427	N/A	FIG. 875	FIG. 315 FIG. 317A

PIPE SADDLE SUPPORT - WITH COUPLING »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W270	N/A	B3095	FIG. 136	N/A	N/A	FIG. 421	675 Series	FIG. 870	FIG. 317

THREADED PIPE STAND »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W275	FIG. 63 (1" - 6")	B3088T	FIG. 138	N/A	N/A	N/A	N/A	FIG. 871	FIG. 316T

PIPE SUPPORT ADJUSTER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W276	N/A	B3089	N/A	N/A	N/A	N/A	N/A	FIG. 877	N/A

NOTE: **Accessories measurements may not be an exact match.

INDUSTRY PRODUCT CODES »

CROSS REFERENCE

WALL BRACKET – LIGHT DUTY »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W280	FIG. 194	B3086	FIG. 69	N/A	348	FIG. 820	N/A	FIG. 850	FIG. 30

WALL BRACKET CLIP »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W281	N/A	N/A	FIG. 78	N/A	350	FIG. 820C	N/A	FIG. 850C	N/A

WALL BRACKET – MEDIUM DUTY »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W290	FIG. 195	B3066	FIG. 84	N/A	352	FIG. 801	N/A	FIG. 855	FIG. 30M

WALL BRACKET – HEAVY DUTY »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W291	FIG. 199	B3067	FIG. 139	N/A	353	FIG. 802	N/A	FIG. 860	FIG. 30H

IRON PIPE SWIVEL RING »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W300 NO WASHER	FIG. 69	B3170	FIG. 800	MODEL 3000	100	FIG. 310G	300 Series	FIG. 151	FIG. 2
	W301 CLEAR WASHER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	W302 BLUE WASHER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	W305 NO WASHER	N/A	N/A	N/A	N/A	N/A	N/A	304 Series	N/A	N/A
	W306 CLEAR WASHER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	W307 BLUE WASHER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

IRON PIPE SWIVEL RING HANGER – WITH SECURED INSULATION SHIELD »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W303	N/A	N/A	N/A	N/A	103	N/A	N/A	FIG. 155	N/A

COPPER TUBING SWIVEL RING »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W310	N/A	N/A	FIG. 800CT	MODEL 3100	101	FIG. 310CT	301 Series	N/A	FIG. 202

IRON PIPE SWIVEL RING – PVC COATED »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W320	N/A	B3170CTC	FIG. 800PVC	N/A	102	FIG. 310	302 Series	N/A	FIG. 203

COPPER TUBING SWIVEL RING – PVC COATED »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W325	N/A	B3170CT	N/A	N/A	102A	FIG. 310CTI	303 Series	N/A	N/A

STAINLESS STEEL BAND HANGER »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W330	N/A	B3172	N/A	N/A	105	N/A	305 Series	FIG. 180	FIG. 2WON

CONDUIT J-TYPE HANGER »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W340	FIG. 67 (1/2" - 6")	B3690	N/A	MODEL 3600	418	N/A	306 Series	FIG. 970	FIG. 3

STANDARD CLEVIS HANGER – PVC COATED »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W400	N/A	B3100C	FIG. 100PVC	N/A	400	FIG. 110PC	402 Series	FIG. 453	FIG. 1PVC

COPPER CLEVIS HANGER – PVC COATED »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W405	FIG. CT-65 (NOT COATED)	B3104CTC	N/A	MODEL 4400	N/A	FIG. 110CTI	403 Series	N/A	N/A

NOTE: **Accessories measurements may not be an exact match.

INDUSTRY PRODUCT CODES »

CROSS REFERENCE

STANDARD CLEVIS HANGER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W410	FIG. 260 (1/4" -30")	B3100	FIG. 100	MODEL 4000	400	FIG. 11	404 Series	450	FIG. 1
W411	FIG. 260	B3109	N/A	N/A	N/A	N/A	404 Series	N/A	N/A

CLEVIS HANGER – WITH SECURED INSULATION SHIELD »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W412	N/A	N/A	FIG. 100SH	N/A	403	N/A	N/A	FIG. 455	N/A

PLASTIC PIPE CLEVIS HANGER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W413	N/A	B3106	FIG. 200VT	N/A	N/A	N/A	N/A	FIG. 450V	FIG. 1V

STANDARD CLEVIS HANGER – EXTENDED BOTTOM »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W415	FIG. 300	B3108	FIG. 100EL	N/A	415	FIG. 11X	405 Series	FIG. 430	FIG. 1A

LIGHT DUTY CLEVIS HANGER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W420	FIG. 65	B3104	FIG. 200	MODEL 4200	420	FIG. 110	407 Series	N/A	N/A

COPPER CLEVIS HANGER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W430	FIG. CT-65	B3104CT	FIG. 100CT	N/A	402	FIG. 110CT	411 Series	FIG. 422	FIG. 81

IRON PIPE RISER CLAMP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W500	FIG. 261	B3373	FIG. 126	MODEL 6300	CADDY EZ RISER - 510	FIG. 50	500 Series	FIG. 550	FIG. 6

TWO BOLT UNDERGROUND PIPE CLAMP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W501	N/A	B3132	N/A	N/A	517	FIG. 97	N/A	FIG. 580	FIG. 9

FOUR BOLT UNDERGROUND PIPE CLAMP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W502	FIG. 595	B3134	FIG. 158DB	N/A	N/A	FIG. 595	N/A	FIG. 590	FIG. 14

UNDERGROUND CLAMP WASHERS »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W503	FIG. 599	B3132W	FIG. 258	N/A	516	FIG. 599	N/A	FIG. 585	FIG. 9X
W504	N/A	N/A	N/A	N/A	N/A	FIG. 599	N/A	FIG. 580	FIG. 14X

COPPER TUBING RISER CLAMP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W505	FIG. CT-121	B3373CT	FIG. 126CT	MODEL 6400	511	FIG. 50CT	501 Series	FIG. 552	FIG. 82

SINGLE BOLT PIPE CLAMP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W510	FIG. 212	B3140	FIG. 175	MODEL 6100	450	FIG. 212	550 Series	FIG. 520	FIG. 4

HEAVY DUTY PIPE CLAMP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W511	FIG. 216	B3142	FIG. 298	N/A	451	FIG. 216	N/A	FIG. 522	FIG. 4H

DOUBLE BOLT PIPE CLAMP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W520	FIG. 295	B3144	FIG. 304	N/A	452	FIG. 189	560 Series	FIG. 525	FIG. 5
W521	FIG. 295 (1 1/2" - 24")	N/A	FIG. 91	N/A	452	FIG. 189	N/A	FIG. 525	N/A

NOTE: **Accessories measurements may not be an exact match.

INDUSTRY PRODUCT CODES »

CROSS REFERENCE

IRON PIPE RISER CLAMP – PVC COATED »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W530	N/A	B3373C	FIG. 126PVC	N/A	520	FIG. 49PC	502 Series	FIG. 553	FIG. 6PVC

OFFSET PIPE CLAMP »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W540	FIG. 103 (3/4" - 8")	B3148	FIG. 179	N/A	700	FIG. 95	504 Series	FIG. 535	FIG. 7

EXTENDED PIPE CLAMP »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W550	FIG. 100	B3149	FIG. 267	N/A	705	FIG. 97	505 Series	N/A	FIG. 8

INSULATION PROTECTION SHIELD »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W560	FIG. 167	B3151	FIG. 265P	MODEL 1250	125	FIG. 167 FIG. 167MSS	590 Series	FIG. 170	FIG. 220

SELF CENTERING INSULATION SHIELD »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W561	FIG. 168	N/A	N/A	N/A	121	N/A	N/A	FIG. 160	FIG. 219

PLASTIC PIPE SUPPORT THROUGH »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W562	N/A	B3106V	FIG. 200VT	N/A	VTR	N/A	N/A	FIG. 450T	N/A

PIPE COVERING PROTECTION SADDLE »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W570	FIG. 160 to FIG. 166A	N/A	FIG. 351 to FIG. 357Z	N/A	630, 631, 632, 633, 634 & 635	FIG. 1900 to FIG. 1905	595 Series	FIG. 651	FIG. 260-1, 261-1/2, 262-2, 263-2 1/2, 264-3, 265-4

SURGE RESTRAINT »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W580	FIG. 773	N/A	N/A	N/A	N/A	N/A	N/A	FIG. 055	N/A

SURGE RING HANGER »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W581	N/A	N/A	N/A	N/A	CDCP-Series	N/A	626 Series	N/A	N/A

I.S.P. FELT INSULATOR »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W585	N/A	B3195	N/A	N/A	N/A	N/A	N/A	FIG. 980	FIG. 84

COPPER TUBING FELT INSULATOR »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W586	N/A	B3195CT	N/A	N/A	N/A	N/A	N/A	FIG. 982	FIG. 83

CAST IRON PIPE ROLLER »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W600	N/A	N/A	FIG. 173	MODEL 609	N/A	N/A	600 Series	N/A	N/A

SHORT PIPE ROLLER »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W601	N/A	N/A	FIG. 67	N/A	N/A	N/A	N/A	FIG. 485	N/A

ADJUSTABLE ROLLER HANGER »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W610	FIG. 181	B3110	FIG. 140	MODEL 610	610	FIG. 272	601 Series	N/A	FIG. 324

NOTE: **Accessories measurements may not be an exact match.

INDUSTRY PRODUCT CODES »

CROSS REFERENCE

CHAIR TYPE ROLLER SUPPORT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W620	FIG. 175	B3120	FIG. 54	N/A	615	FIG. 275	602 Series	FIG. 460	FIG. 325

PIPER ROLLER STAND »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W621	N/A	B3117SL	N/A	N/A	N/A	N/A	N/A	FIG. 486	N/A
W622	FIG. 271	N/A	N/A	N/A	617	N/A	N/A	FIG. 486	FIG. 327

ADJUSTABLE PIPE ROLLER STAND – WITH BASE »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W623	FIG. 274, 274P & FIG. 275	B3118SL	FIG. 53	N/A	619	FIG. 279S	N/A	FIG. 487	FIG. 328

TWO ROD TYPE ROLLER HANGER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W630	FIG. 171	N/A	FIG. 142	MODEL 689	605	FIG. 277	603 Series	N/A	FIG. 322

ADJUSTABLE TYPE ROLLER SUPPORT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W640	FIG. 177	B3122	FIG. 109	N/A	620	FIG. 274	604 Series	N/A	FIG. 326

ADJUSTABLE PIPE ROLLER SUPPORT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W641	N/A	N/A	FIG. 110	N/A	621	FIG. 271	N/A	FIG. 483	FIG. 323

ROLLER SOCKET »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W642	N/A	N/A	N/A	MODEL 609	N/A	N/A	N/A	FIG. 496	N/A

CPVC ONE-HOLE WRAP AROUND STRAP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W650	FIG. 185	FIG. 22	N/A	MODEL 1070	107	N/A	624 Series	N/A	FIG. 22

RETURN LINE STRAIGHT J-HOOK »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W651	N/A	B3191	FIG. 227S	N/A	N/A	FIG. 145	N/A	FIG. 810	FIG. 41

RETURN LINE OFFSET J-HOOK »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W652	N/A	B3190	FIG. 227	N/A	457	FIG. 146	N/A	FIG. 820	FIG. 40

ONE-HOLE CLIP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W655	FIG. 126	N/A	FIG. 237S	N/A	007	FIG. 233	754 Series	N/A	N/A

TWO-HOLE CPVC STRAP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W660	FIG. 186	FIG. 23	N/A	MODEL 1080	108	N/A	623 Series	N/A	FIG. 23

TWO-HOLE PIPE STRAP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W665	FIG. 262	B3180	FIG. 114	N/A	N/A	FIG. 231	743 Series	FIG. 825	FIG. 20

SHORT PIPE STRAP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W670	N/A	N/A	N/A	N/A	N/A	N/A	507 Series	N/A	N/A
W671	N/A	B3256	N/A	N/A	N/A	FIG. 180	507 Series	FIG. 830	FIG. 20S FIG. 405

NOTE: **Accessories measurements may not be an exact match.

INDUSTRY PRODUCT CODES »

CROSS REFERENCE

CPVC TWO-HOLE 90 DEGREES SIDE MOUNT STRAP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W680	FIG. 187	FIG. 24	N/A	MODEL 1090	109	N/A	625 Series	N/A	FIG. 24

FORGED STEEL CLEVIS »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W700	FIG. 299	B3201	FIG. 276	N/A	31	FIG. 909	705 Series	FIG. 38	FIG. 332

FORGED STEEL CLEVIS – RIGHT HAND THREADS »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W701	N/A	N/A	FIG. 276P	N/A	31	FIG. 909	N/A	FIG. 38	N/A

FORGED STEEL CLEVIS – LEFT HAND THREADS »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W702	N/A	N/A	N/A	N/A	N/A	N/A	N/A	FIG. 38L	N/A

TURN BUCKLE ADJUSTER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W705	FIG. 114	B3224	FIG. 38	N/A	N/A	N/A	706A Series	N/A	FIG. 306

TURN BUCKLE »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W710	FIG. 230	B3202	FIG. 132	N/A	30	FIG. 320	706 Series	FIG. 960	FIG. 331

FORGED STEEL WELDLESS EYE NUT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W715	FIG. 290	B3200	FIG. 279	N/A	35	FIG. 131	708 Series	FIG. 35	FIG. 330

MALLEABLE EYE SOCKET »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W720	FIG. 110R	B3222	FIG. 12	N/A	35	FIG. 47	709 Series	FIG. 32	FIG. 307

SIDE BEAM CONNECTOR »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W725	N/A	B3058	FIG. 153	N/A	327	FIG. 153	720 Series	N/A	N/A

REVERSIBLE ANGLE BRACKET »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W728	N/A	B3061	FIG. 152	N/A	319	FIG. 152	N/A	FIG. 910	FIG. 42

EXTENSION PIECE »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W730	FIG. 157	B3203	FIG. 157	N/A	26	FIG. 157	707 Series	N/A	FIG. 333

STEEL SIDE BEAM BRACKET »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W735	FIG. 202	B3060	FIG. 303	N/A	325	FIG. 53	719 Series	N/A	FIG. 50

REVERSIBLE STEEL SIDE ANGLE BRACKET »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W736	N/A	B3070	N/A	N/A	326	FIG. 53	N/A	FIG. 925	FIG. 52

SQUARE PLATE WASHER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W737	FIG. 60	B3248	FIG. 260	N/A	340	N/A	N/A	FIG. 960	FIG. 118

WELDING LUG »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W738	N/A	B3080S (ROUNDED)	FIG. 220	N/A	N/A	FIG. 69 (SHORT)	N/A	FIG. 936	FIG. 343

NOTE: **Accessories measurements may not be an exact match.

INDUSTRY PRODUCT CODES »

CROSS REFERENCE

WELDING LUG – LONG »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W739	N/A	B3080L (ROUNDED)	FIG. 220	N/A	N/A	FIG. 69 (LONG)	N/A	FIG. 395	N/A

WELDED BEAM ATTACHMENT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W740	N/A	B3083WO	FIG. 113A	N/A	320L	FIG. 66L	724 Series	FIG. 900-1	FIG. 304

CONCRETE ROD ATTACHMENT PLATE »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W741	FIG. 52	B3085	FIG. 1020	N/A	374A	FIG. 68	N/A	FIG. 903	FIG. 35

WELDING ATTACHMENT – WITH PIN »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W745	FIG. 66	B3083	FIG. 113B	N/A	320W	FIG. 66W	724 Series	FIG. 900	FIG. 305

CONCRETE CLEVIS PLATE »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W746	FIG. 49	B3086	FIG. 1022	N/A	374	FIG. 67	N/A	FIG. 904	FIG. 34

CEILING FLANGE »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W750	FIG. 128R	FIG. 78	FIG. 85B	MODEL 3700	365M	FIG. 41A	723 Series	N/A	FIG. 78

ADJUSTABLE Q-DECK INSERT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W751	N/A	B3019	N/A	N/A	307A	N/A	N/A	FIG. 885	FIG. 109A

SEISMIC BRACE »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W752	N/A	FIG. 975	N/A	N/A	TP280	N/A	N/A	FIG. 890	FIG. 975

VAN HANGER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W755	N/A	N/A	FIG. 66CT	N/A	BH	FIG. 129CT	732 Series	N/A	N/A

HINGED SPLIT RING HANGER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W760	FIG. 108	B3198H	FIG. 81BRT	MODEL 5000	455	FIG. 41H	721 Series	N/A	FIG. 302

EXTENSION SPLIT RING HANGER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W761	FIG. 138R	B3198R	N/A	MODEL 5300	N/A	FIG. 41	N/A	FIG. 510R	N/A

COPPER SPLIT RING HANGER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W765	FIG. CT-138R	B3198HCT	FIG. 81CT	MODEL 5200	465	FIG. 41HCT	722 Series	FIG. 512H	FIG. 301CT

RIGHT ANGLE CLAMP »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W770	N/A	N/A	FIG. 282	N/A	RA	FIG. 136	780 Series	N/A	N/A

PARALLEL CONDUIT SUPPORT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W780	N/A	N/A	N/A	N/A	PAR	N/A	781 Series	N/A	N/A

EDGE TYPE CONDUIT SUPPORT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W785	N/A	N/A	N/A	N/A	ET	N/A	782 Series	N/A	N/A

NOTE: **Accessories measurements may not be an exact match.

INDUSTRY PRODUCT CODES »

CROSS REFERENCE

SPOT CONCRETE INSERT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W790	FIG. 281	B2500	FIG. 650	N/A	355	FIG. 81	726 Series	FIG. 950	FIG. 108

CONCRETE INSERT NUT »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W791	FIG. 285N	N2500	FIG. 650N	N/A	355N	FIG. 81N	725 Series	FIG. 951N	FIG. 310N

SQUARE WASHER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W800	N/A	B200	N/A	N/A	N/A	FIG. 75	711 Series	N/A	N/A

ROD COUPLING »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W805	FIG. 135 FIG. 135E	B655	FIG. 123	N/A	25	FIG. 51	712 Series	FIG. 100	FIG. 70
W806	FIG. 135 FIG. 135E	B655	N/A	N/A	25	N/A	712 Series	N/A	N/A

HEX NUT – STANDARD DUTY »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W810	N/A	HN	FIG. 165	N/A	10	FIG. 56	713 Series	FIG. 110	FIG. 113

HEX NUT – HEAVY DUTY »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W811	N/A	HHN	FIG. 165H	N/A	10H	FIG. 56H	713H Series	FIG. 100H	FIG. 114

FLAT WASHER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W815	N/A	FW	FIG. 103	N/A	11	FIG. 52	714 Series	FIG. 130	FIG. 115

LOCK WASHER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W816	N/A	LW	FIG. 176	N/A	13	FIG. 52L	N/A	FIG. 134	FIG. 117

BEVEL WASHER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W817	N/A	B3234	N/A	N/A	N/A	FIG. 72	N/A	FIG. 135	FIG. 116

FENDER WASHER »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W818	N/A	FFW	N/A	N/A	12	FIG. 52F	N/A	FIG. 136	FIG. 119

LAG SCREW »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W820	N/A	B3228	FIG. 107	N/A	N/A	FIG. 74	716 Series	N/A	FIG. 126

FLAT END LAG SCREW »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W821	N/A	N/A	FIG. 11	N/A	SLEB	N/A	N/A	FIG. 43	N/A

WOOD DRIVE SCREW »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W825	N/A	DS 16 X 2	N/A	N/A	N/A	FIG. 59	727 Series	FIG. 43	N/A

OFFSET EYE SOCKET »

G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
W830	FIG. 190	B3223	N/A	N/A	38	N/A	728 Series	N/A	N/A

NOTE: **Accessories measurements may not be an exact match.

INDUSTRY PRODUCT CODES »

CROSS REFERENCE

HEX HEAD BOLT – STANDARD DUTY »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W835	N/A	N/A	FIG. 162	N/A	HSCR	FIG. 58	799 Series	FIG. 15L	N/A

HEX HEAD BOLT – HEAVY DUTY »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W836	N/A	N/A	N/A	N/A	N/A	N/A	799H Series	FIG. 15	N/A

ANCHOR DROP-IN »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W840	N/A	N/A	FIG. 514	N/A	345R	FIG. 73	797 Series	FIG. 47S	FIG. 210

SELF DRILLING SNAP-OFF FLUSH »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W841	N/A	N/A	N/A	N/A	N/A	N/A	N/A	FIG. 47D	N/A

WEDGE ANCHOR »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W842	N/A	AWA	FIG. 1309	N/A	N/A	FIG. 80	N/A	FIG. 47W	FIG. 209

DOUBLE EXPANSION SHIELD »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W850	N/A	N/A	N/A	N/A	N/A	N/A	798 Series	N/A	N/A

WING TOGGLE »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W855	N/A	ATB (NO BOLT)	FIG. 59	N/A	145	FIG. 84	795 Series	N/A	FIG. 124

THREADED ROD »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W860	146	ATR	FIG. 94	MODEL ATR	50	FIG. 54	715 Series	FIG. 10	FIG. 99

MACHINE THREAD HANGER ROD – RIGHT HAND THREADS »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W863	FIG. 140	B3205	FIG. 133	N/A	N/A	FIG. 57	N/A	FIG. 15	FIG. 103

MACHINE THREAD HANGER ROD – LEFT HAND THREADS »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W864	FIG. 253	B3205L	FIG. 133L	N/A	N/A	N/A	N/A	N/A	N/A

COACH SCREW ROD »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W865	142	B3213	FIG. 28	N/A	41	FIG. 55	717 Series	FIG. 40	FIG. 105

EYE ROD – RIGHT HAND THREAD »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W866	FIG. 248	B3210	FIG. 22	N/A	40	FIG. 26	N/A	FIG. 50	FIG. 102

EYE ROD – LEFT HAND THREAD »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W867	FIG. 248L	B3210L	FIG. 22L	N/A	N/A	N/A	N/A	FIG. 50L	FIG. 102L

WELDED EYE ROD – RIGHT HAND THREADS »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W868	FIG. 278	B3211	FIG. 93	N/A	26W	N/A	N/A	FIG. 55	FIG. 101

WELDED EYE ROD – LEFT HAND THREADS »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W869	FIG. 278L	B3211L	FIG. 93L	N/A	N/A	N/A	N/A	FIG. 55L	FIG. 101L

NOTE: **Accessories measurements may not be an exact match.

INDUSTRY PRODUCT CODES »

CROSS REFERENCE

U-BOLT »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W870	FIG. 137	B3188	FIG. 283	MODEL 1500	150M	FIG. 137	718 Series	FIG. 90	FIG. 110

J-BEAM BOLT »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W871	N/A	B3212	FIG. 31	N/A	85	N/A	N/A	FIG. 60	FIG. 104

ANCHOR BOLT »

	G-FORCE®	ANVIL	B-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W872	N/A	N/A	FIG. 177	N/A	N/A	FIG. 77	N/A	FIG. 70	FIG. 107

U-HOOK »

	G-FORCE®	ANVIL	dB-LINE	C & P	ELITE	ERICO	EMPIRE	GLOBE	PHD	TOLCO
	W873	N/A	FIG. 120	FIG. 111	N/A	WH	FIG. 235	N/A	FIG. 80	FIG. 120

NOTE: **Accessories measurements may not be an exact match.

NOTES:



ROOF BLOCKS

GRB100 Series



GRB100



GRB101



GRB102



GRB103



GRB104



GRB300 Series



GRB300 Series

SEISMIC BRACING



GSTN Series



GRS375062



GDCN001



G316 and G3300 Series

MISCELLANEOUS AND SPECIAL FITTINGS



G336 Series



G337



G338 Series



G339



G340



G341 Series



G3410 Series



G3421, G3422



G3431, G3432



G344



G346 Series



G347



G348



G349



G350



G351



G352



G619



G619A



G619FL



G619AFL



G619ASQ



G619SQ



G620



G620A



G620AFL



G620FL



G620ASQ



G620SQ



G602 Series



G603 Series



G6041



G605 Series



G606 Series



G607



G608 Series



GTB608 Series



G609 Series



G610



G611



G6111



G613



G622 Series



G623



G624



G625



G602 Series



G603 Series



G6041



G605 Series



G606 Series



G607



G608 Series



G609 Series

G610

G611

G6111

G613

G622 Series

G623

G624

G625

G602 Series

G603 Series

G6041

G605 Series

G606 Series

G607

G608 Series

G609 Series

G610

G611

G6111

G613

G622 Series

G623

G624

G625

G602 Series

G603 Series

G6041

G605 Series

G606 Series

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G608 Series

G609 Series

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G611

G6111

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G622 Series

G623

G624

G625

G602 Series

