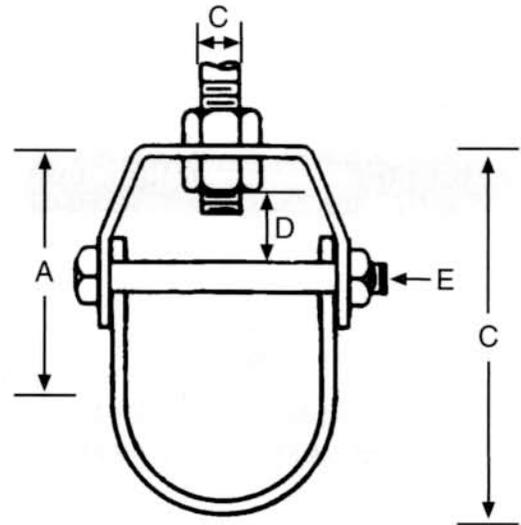


CLEVIS HANGER FOR IRON PIPE

* **SIZE AVAILABILITY:** 1/2" thru 30".

* **FINISH:** Black, Galvanized, Prime Painted or Red Oxide.

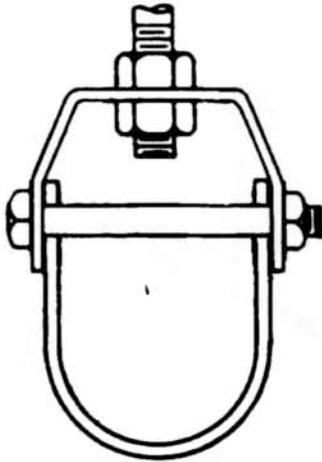
- The Clevis hanger provides a vertical adjustment of 1-1/2". By adjusting the lower nut, the pipe line is assured of proper pitch.
- The top nut prevents loosening due to vibration.
- The top half of the hanger is fitted over the outside of the lower u-strap giving it added strength.
- Nuts and washers are not included with the hanger and must be ordered separately. **Note:** Nuts and washers need to be used on both sides of the top part for proper installation.
- It's recommended use is with stationary pipe lines.
- The sizes 16" and larger are provided with pipe spacers on the cross bolts.
- Factory Mutual approved 1/2" thru 8".
- Complies with Federal Specifications WW-H-171b (Type 1).
- Complies with Manufacturers Standardization Society SP-69 (Type 1).



* **ORDERING:** Specify pipe size, figure number, name and finish.

FIG. 590

PIPE SIZE	A	B	C	D	E	SIZE OF TOP	STEEL BOTTOM	WT PER HD	MAX LOAD
1/2"	2-5/8"	3-1/8"	3/8"	1-1/4"	1/4"	1-1/8" x 12ga.	1-1/8" x 12ga.	28	500
3/4"	2-3/4"	3-1/8"	3/8"	1-1/4"	1/4"	1-1/8" x 12ga.	1-1/8" x 12ga.	30	500
1"	3-1/16"	3-7/8"	3/8"	1-1/4"	1/4"	1-1/8" x 12ga.	1-1/8" x 12ga.	32	500
1-1/4"	3-3/16"	4-1/8"	3/8"	1-5/8"	1/4"	1/8" x 1-1/4"	1-1/8" x 12ga.	45	500
1-1/2"	3-5/16"	4-3/8"	3/8"	1-1/2"	1/4"	1/8" x 1-1/4"	1-1/8" x 12ga.	55	500
2"	3-7/8"	5-1/8"	3/8"	1-1/2"	1/4"	1/8" x 1-1/4"	1-1/8" x 12ga.	60	500
2-1/2"	4-1/4"	5-3/4"	1/2"	1-5/8"	3/8"	3/16"x 1-1/4"	1/8" x 1-1/4"	100	1000
3"	4-3/16"	6"	1/2"	1-1/8"	3/8"	3/16"x 1-1/4"	3/16"x 1/4"	106	1000
3-1/2"	4-9/16"	6-3/4"	1/2"	1-1/4"	3/8"	3/16"x 1-1/4"	3/16"x 1/4"	145	1000
4"	5-1/16"	7-3/8"	1/2"	1-1/8"	3/8"	1/4" x 1-1/4"	3/16"x 1/4"	196	1200
5"	5-9/16"	8-1/2"	5/8"	1-1/8"	1/2"	1/4" x 1-1/4"	3/16"x 1/4"	244	1200
6"	6-1/2"	10"	3/4"	1-1/4"	1/2"	1/4" x 1-1/2"	3/16"x 1/2"	332	1600
8"	8"	12-3/8"	7/8"	1"	5/8"	1/8" x 2"	3/16"x 2"	570	1800
10"	9-1/4"	14-3/4"	7/8"	1"	3/4"	3/8" x 2"	1/4" x 2"	950	3200
12"	10-1/2"	17"	7/8"	1"	3/4"	3/8" x 2"	1/4" x 2"	1125	3400
14"OD	11-3/4"	19-1/4"	1"	1-1/2"	7/8"	1/2" x 2"	1/4" x 2"	1350	3800
16"OD	12-3/4"	21-1/4"	1"	1-1/2"	1"	1/2" x 2-1/2"	1/4" x 2-1/2"	2100	4200
18"OD	13"	22-3/4"	1"	1-1/2"	1"	1/2" x 2-1/2"	1/4" x 2-1/2"	2500	4400
20"OD	15-1/4"	25-3/4"	1"	2"	1"	5/8" x 3"	3/8" x 3"	4100	4400
22"OD	17"	27-1/4"	1"	2-1/2"	1"	5/8" x 3"	3/8" x 3"	4400	4400
24"OD	18-1/2"	32"	1"	2-3/4"	1"	5/8" x 3"	3/8" x 3"	4800	4400
30"OD	24"	39-1/2"	1-1/4"	3-3/4"	1-1/2"	3/4" x 3"	3/8" x 3"	6900	5500

LIGHT CLEVIS HANGERS

- * **SIZE AVAILABILITY:** 1/2" thru 6"
- * **FINISH:** Black, Galvanized, Prime Painted or Red Oxide, all sizes.

- The Light Clevis Hanger provides a vertical adjustment of 1-1/2". By adjusting the lower nut, the pipe line is assured of a proper pitch.
- The top nut prevents loosening due to vibration.
- Nuts are not included with the hanger and must be ordered separately. **NOTE:** Nuts and washers need to be used on both sides of the top part for proper installation.
- This light weight hanger is used for suspending light pipe loads, PVC or conduit and is particularly designed for insulated pipes with an O.D. of 6-5/8".
- Recommended use with stationary pipe lines.
- Top half of hanger is fitted over the outside of the lower U-strap giving it added strength.
- See Modern Fig. 594 for hanger/shield applications.
- Complies with Federal Specifications WW-H-171E (Type 12).

- * **ORDERING:** Specify pipe size, figure number, name and finish.

FIG. 591

PIPE SIZE					SIZE OF STEEL		WEIGHT PER HD	MAX LOAD
	A	B	C	D	TOP PART	BOTTOM PART		
1/2"	2-7/16"	3"	3/8"	1-1/8"	7/8" x 12 ga.	7/8" x 12 ga.	20	125
3/4"	2-9/16"	3-1/4"	3/8"	1-1/8"	7/8" x 12 ga.	7/8" x 12 ga.	22	200
1"	2-5/8"	3-9/16"	3/8"	1-1/8"	7/8" x 12 ga.	7/8" x 12 ga.	29	200
1-1/4"	2-3/4"	3-3/4"	3/8"	1-1/8"	7/8" x 12 ga.	7/8" x 12 ga.	30	200
1-1/2"	3-3/16"	4-1/4"	3/8"	1-1/8"	7/8" x 12 ga.	7/8" x 12 ga.	36	200
2"	3-7/8"	5-1/8"	3/8"	1-1/4"	7/8" x 12 ga.	7/8" x 12 ga.	60	200
2-1/2"	4-1/8"	5-5/8"	1/2"	1-1/4"	1/8" x 1-1/4"	1/8" x 1-1/4"	80	250
3"	4-3/8"	6-1/4"	1/2"	1-1/4"	1/8" x 1-1/4"	1/8" x 1-1/4"	95	250
3-1/2"	4-3/4"	6-7/8"	1/2"	1-1/4"	1/8" x 1-1/4"	1/8" x 1-1/4"	110	250
4"	5"	7-1/2"	1/2"	1-1/4"	3/16" x 1-1/4"	1/8" x 1-1/4"	136	300
5"	5-3/4"	9"	5/8"	1-1/2"	3/16" x 1-1/4"	3/16" x 1-1/4"	200	350
6"	7"	10-1/2"	3/4"	1-1/2"	3/16" x 1-1/2"	3/16" x 1-1/2"	250	400

IN-CLE-SHIELD HANGER

* **SIZE AVAILABILITY:** 1-1/2" thru 18" Hangers.

* **FINISH:** Black, Galvanized, Prime
Painted or Red Oxide in all sizes.

- The In-Cle-Shield Hangers are used for insulated pipe or tube to prevent cutting or crushing of the covering at the pipe hanger point.
- Shields are made from 12, 14, 16, 18, 20 and 22 gauge galvanized steel.
- The hangers are regularly furnished black. Can be furnished galvanized.
- Shields and hangers are welded together (591 + 344 thru 10" ; 590 + 344 above 10").
- Hangers and shields welded together allows for hanger installation before the pipe or tube is insulated.
- Insulation of 360° can be furnished with the hanger upon request, thus eliminating piecing of insulation on the job.
- Hangers can be furnished with 8", 12", 18" and 24" long shields.
- "Selection Table" below assures of ordering correct hanger size for insulated pipe.
- Complies with Manufacturers Standardization Society SP-69 (Type 1 & Type 40).

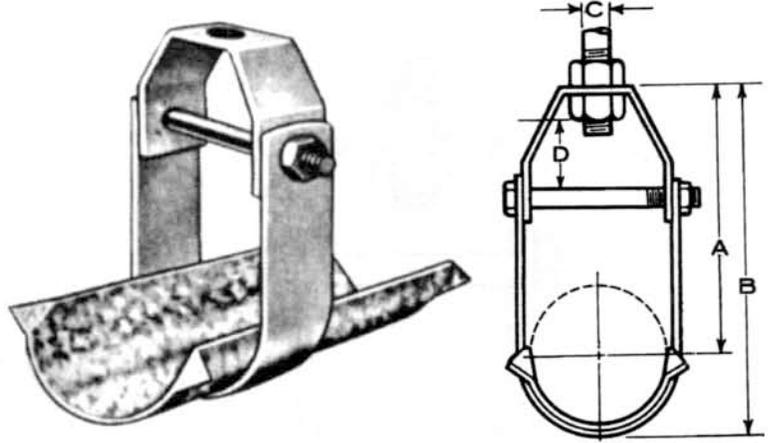
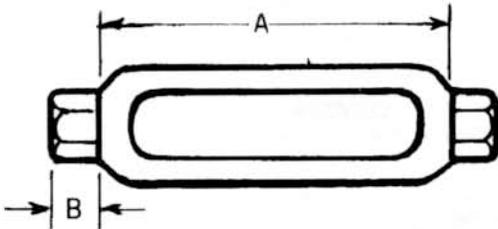
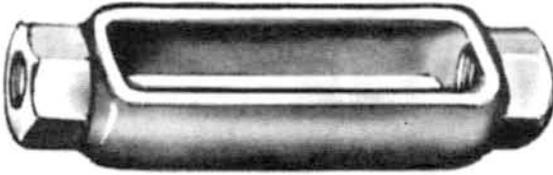


FIG 594

* **ORDERING:** Specify shield size, hanger size, figure number and give pipe (tube) size and thickness of covering.

HGR SIZE	MAX. OD INSUL.	SHIELD SIZE	SHIELD LENGTH	A	B	C	D	WEIGHT PER HD	MAX LOAD
1-1/2"	1-7/8"	M1 (2.0)	8" or 12"	2-3/4"	4-1/8"	3/8"	1-1/8"	40	250
2"	2-3/8"	2 (2.5)	8" or 12"	3-3/8"	4-1/8"	3/8"	1-1/2"	50	250
2-1/2"	2-7/8"	3 (3.0)	8" or 12"	4-1/8"	5-7/8"	1/2"	1-1/2"	100	300
3"	3-1/8"	5 (3.0)	8" or 12"	4-7/8"	6-3/4"	1/2"	1-1/2"	140	300
3"	3-5/8"	6 (3.5)	8" or 12"	4-7/8"	6-3/4"	1/2"	1-1/2"	140	300
3-1/2"	4-1/8"	7 (4.0)	8" or 12"	5"	6-3/4"	1/2"	1-1/2"	150	300
4"	4-5/8"	8 (4.5)	8" or 12"	5-3/8"	7-1/2"	1/2"	1-1/2"	165	400
5"	5-9/16"	10 (5.5)	8" or 12"	6"	8-7/8"	5/8"	1-3/4"	260	500
6"	6-5/8"	12 (6.5)	8" or 12"	7"	10-3/8"	3/4"	1-3/4"	365	500
8"	7-5/8"	13 (7.5)	12" or 18"	8-1/4"	13-3/8"	7/8"	2-1/2"	650	800
8"	8-5/8"	14 (8.5)	12" or 18"	8-1/4"	13-3/8"	7/8"	2-1/2"	650	800
10"	10-3/4"	16 (10.5)	12" or 18"	9"	15"	7/8"	2"	1050	1000
12"	12-3/4"	18 (12.5)	12" or 18"	10-1/2"	17-3/4"	7/8"	2"	1350	1400
14"	14-1/4"	19 (14.0)	12" or 18"	10-1/2"	17-3/4"	1"	2"	1800	1600
16"	16"	20 (16.0)	18" or 24"	15"	21"	1"	2"	3200	2000
18"	18"	21 (18.0)	18" or 24"	15"	24-1/2"	1"	2-1/2"	5900	2400

FORGED STEEL TURN BUCKLES



* **SIZE AVAILABILITY:** 3/8" thru 1-1/2".

* **FINISH:** Black, Galvanized.

- This turn buckle is made from forged steel.
- A 6" opening allows for 3" rod take out.
- All turn buckles are furnished with right and left hand tapping, NC threading.
- Stress or load ratings are based on ASME code for pressure piping.
- Hole through body on tapped side makes for added adjusting.
- Complies with Federal Specifications WW-H- 171e (Type 13).
- Complies with Manufacturers Standardization Society SP-69 (Type 13).

* **ORDERING:** Specify rod size, figure number, name and finish.

FIG. 757

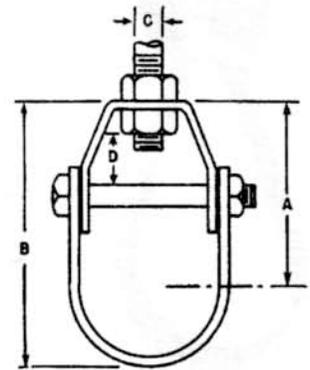
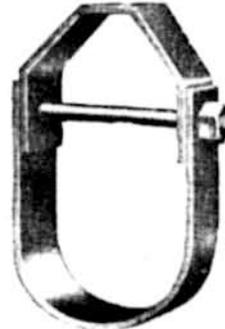
ROD SIZE	A	B	WT PER HD.	MAX LOAD @ 650*	MAX LOAD @ 750*	STD PACK
3/8"	6"	9/16"	42	600	500	50
1/2"	6"	3/4"	65	1100	1000	50
5/8"	6"	15/16"	98	1800	1600	50
3/4"	6"	1-1/8"	145	2700	2400	25
7/8"	6"	1-5/16"	185	3750	3300	25
1"	6"	2-1/8"	265	4900	4400	25
1-1/4"	6"	2-5/16"	450	8000	7000	BULK
1-1/2"	6"	3-1/8"	650	11500	10000	BULK

CLEVIS HANGER FOR TUBE

* **SIZE AVAILABILITY:** 1/2" thru 6".

* **FINISH:** Electro copper plated.

- The Clevis Hanger provides a vertical adjustment of 1-1/2". By adjusting the lower nut, the pipe line is assured of proper pitch. The top nut locks it in place.
- This feature allows for adjustment before or after tubing is installed. **NOTE:** Nuts and washers need to be used on both sides of the top part for proper installation.
- Nuts are not included with the hanger and must be ordered separately.
- Recommended use with copper tube lines.
- Made from carbon steel, copper plated.
- The top half of hanger is fitted over the outside of the lower u-strap, giving it added strength.
- Complies with Federal Specifications WW-H-171e (Type 12).
- Similar application compliance to MSS Type 1.



* **ORDERING:** Specify copper tube size, figure number, name and finish.

FIG. 27

TUBE	STOCK				SIZE		WEIGHT	STD	MAX
SIZE	A	B	C	D	TOP	BOTTOM	PER HD	PKG	LOAD
1/2"	1-7/8"	2-5/16"	3/8"	3/4"	7/8" X 13 GA	7/8" X 13 GA	16	100	300
3/4"	2-7/16"	3"	3/8"	1-1/8"	7/8" X 13 GA	7/8" X 13 GA	21	100	300
1"	2-9/16"	3-1/4"	3/8"	1-1/8"	7/8" X 13 GA	7/8" X 13 GA	22	100	300
1-1/4"	2-5/8"	3-9/16"	3/8"	1-1/8"	7/8" X 12 GA	7/8" X 12 GA	29	100	300
1-1/2"	2-3/4"	3-3/4"	3/8"	1-1/8"	7/8" X 12 GA	7/8" X 12 GA	31	100	300
2"	3-1/16"	4-1/4"	3/8"	1-1/8"	7/8" X 12 GA	7/8" X 12 GA	36	50	300
2-1/2"	3-3/4"	5-1/8"	3/8"	1-1/4"	1/8" X 1"	1/8" X 1"	62	50	350
3"	4"	5-5/8"	1/2"	1-1/4"	1/8" X 1-1/4"	1/8" X 1-1/4"	82	50	350
3-1/2"	4-3/8"	6-1/4"	1/2"	1-1/4"	1/8" X 1-1/4"	1/8" X 1-1/4"	98	25	400
4"	4-3/4"	6-7/8"	1/2"	1-1/4"	3/16" X 1-1/4"	1/8" X 1-1/4"	125	25	400
5"	5-1/4"	9"	1/2"	1-1/4"	3/16" X 1-1/4"	1/8" X 1-1/4"	195	BULK	500
6"	6-3/4"	9-1/2"	5/8"	1-1/4"	3/16" X 1-1/4"	1/8" X 1-1/4"	225	BULK	500