

STEEL BAND RING

* **SIZE AVAILABILITY:** 3/8" thru 14".

* **FINISH:** Black, Galvanized and Prime Painted.

- The band clamp is used for very light duty pipe hanging applications.
- The smaller diameter bolt hole allows for hanging the band ring with Modern figure 82 Steel Eye Socket.
- When lighter hanging applications are necessary, the Modern figure 30, Perforated Extension Bar, can be used.
- When wood anchoring is required, Modern figure 50 Flat Lag should be used.
- These rings are often used with insulated pipe, where the insulation can completely cover the ring.
- Other uses include gas, air, vent, conduit, glass and oxygen pipelines.
- Factory Mutual approved.



FIG. 10

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

PIPE SIZE	STOCK SIZE	BOLT SIZE	WEIGHT PER HD	STANDARD PACKING	MAXIMUM LOAD
3/8"	3/4" - 16 GA	1/4"	6	100	200
1/2"	3/4" - 16 GA	1/4"	7	100	200
3/4"	3/4" - 16 GA	1/4"	8	100	200
1"	3/4" - 16 GA	1/4"	10	100	200
1-1/4"	3/4" - 16 GA	1/4"	11	100	200
1-1/2"	3/4" - 16 GA	1/4"	14	100	200
2"	7/8" - 16 GA	1/4"	18	100	250
2-1/2"	1-1/8" - 12 GA	1/4"	24	BULK	350
3"	1-1/8" - 12 GA	1/4"	42	BULK	350
3-1/2"	1-1/8" - 12 GA	1/4"	50	BULK	350
4"	1-1/8" - 12 GA	1/4"	55	BULK	350
5"	1-1/8" - 12 GA	5/16"	75	BULK	350
6"	1-1/8" - 12 GA	5/16"	89	BULK	350
8"	3/16" X 1-1/4"	3/8"	195	BULK	500
10"	3/16" X 1-1/4"	3/8"	345	BULK	500
12"	3/16" X 1-1/4"	1/2"	470	BULK	500
14"	1/4" X 1-1/4"	1/2"	610	BULK	600

GOVERNMENT RING

* **SIZE AVAILABILITY:** 1/2" thru 14"

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

- The Modern Fig. 404 is made from low carbon 1008-1010 material.
- This band ring is used for low pressure steam lines, return, water, air, gas, soil, waste and vent pipelines.
- Lighter pipe applications, such as PVC or conduit, can also be used with this band ring.
- The band is often used with the figure 540, turn buckle adjuster.
- The ring and turn buckle combination allows for adjustment from 1 to 2 inches, depending on the size of the turn buckle.
- The swivel has the capability to swing when pipe lines have slight movement horizontally or vibration movement vertically.
- Complies with General Services Administration WW-H-171b.

* **ORDERING:** Specify pipe size, figure number, finish and hanger adjuster, if needed.

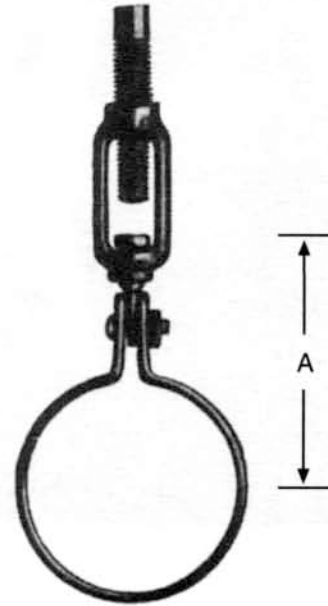


FIG. 404

PIPE SIZE	SIZE STOCK	BOLT TAPPING	ADJUSTER REQUIRED	A	RING ONLY WT PER HD	MAXIMUM LOAD
1/2"	1/8" X 3/4"	1/4" or 3/8"	NO. 1-B	1-7/8"	13	300
3/4"	1/8" X 3/4"	1/4" or 3/8"	NO. 1-B	2-1/4"	14	300
1"	1/8" X 3/4"	1/4" or 3/8"	NO. 1-B	2-1/2"	16	300
1-1/4"	1/8" X 1"	3/8"	NO. 2-1	3-1/4"	35	300
1-1/2"	1/8" X 1"	3/8"	NO. 2-1	3-1/2"	40	300
2"	1/8" X 1"	3/8"	NO. 2-1	3-3/4"	44	300
2-1/2"	1/8" X 1"	1/2"	NO. 2-1	4-3/4"	50	300
3"	1/8" X 1-1/4"	1/2"	NO. 3-A	5-1/2"	80	400
3-1/2"	1/8" X 1-1/4"	1/2"	NO. 3-A	6-1/4"	90	400
4"	1/8" X 1-1/4"	5/8"	NO. 3-A	6-5/8"	100	400
5"	1/8" X 1-1/4"	5/8"	NO. 3-A	7-3/4"	108	400
6"	3/16" X 1-1/4"	3/4"	NO. 4-A	9"	188	450
8"	3/16" X 1-1/4"	7/8"	NO. 4-A	11-1/2"	225	450
10"	1/4" X 1-1/4"	7/8"	NO. 4-A	13-3/4"	325	500
12"	1/4" X 1-1/2"	7/8"	NO. 4-A	16-1/4"	395	600
14"	1/4" X 1-1/2"	7/8"	NO. 4-A	16-3/4"	480	600

HANGER ADJUSTERS

* **SIZE AVAILABILITY:** 1/4", 3/8".

* **FINISH:** Electro Copper Plated.

- This adjuster is made from malleable iron with a flattened, low carbon steel swivel eye.
- It is recommended for tube sizes 1/2" through 2".
- The adjuster is tapped NC threading.
- It is furnished with a 1/4" swivel eye for both 1/4" and 3/8" bolt thread tapping.
- This adjuster is most commonly used with Modern Fig. 48 or 49.

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



FIG. 119

* **SIZE AVAILABILITY:** 1/4" thru 1/2".

* **FINISH:** Electro Copper Plated.

- This adjuster is made from malleable iron with a flattened, low carbon steel swivel eye.
- The Modern Fig 121 is a larger and heavier patterned adjuster than the Fig. 119.
- It is recommended for tube sizes 1/2" through 6".
- The adjuster is tapped NC threading.
- It is furnished with a 3/8" swivel eye for 1/4", 3/8 and 1/2" bolt thread tapping.
- This adjuster is most commonly used with Modern Fig. 48 or 49.

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



FIG. 121

BEADED PIPE STRAP

- * **SIZE AVAILABILITY:** 1/4" thru 1-1/2".
- * **FINISH:** Copper Plated.
 - The strap is made from low carbon steel, copper plated.
 - A formed rib on all sizes gives added strength..
 - It is generally used on bare copper tube.
 - It is made with 5/16" holes for easy nailing..
 - All sizes are supplied with mounting nails.
- * **ORDERING:** Specify tube size, figure number and name.

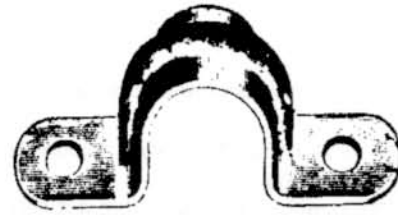


FIG. 66

TUBE SIZE	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"
C TO C HOLE	1"	1-5/8"	1-1/2"	1-7/8"	2-1/2"	2-3/4"	3-1/8"
STANDARD PACK	100	100	100	100	100	100	100

LIGHT PATTERN EYE NUT

- * **SIZE AVAILABILITY:** 3/8" or 1/2".
- * **FINISH:** Copper Plated.
 - It is made from malleable iron, copper plated.
 - The design is a half bail size to Modern Fig. 80N.
 - The size availability of this eye nut is limited to hanging copper tube sizes 4" or smaller.
- * **ORDERING:** Specify rod size, name and figure number.



FIG. 80

SIZE - A	B	C	LOAD	STD PACK	WT PER HD
3/8"	1-1/16"	3/8"	200	100	10
1/2"	1-1/8"	1/2"	400	100	16

BOLT THREAD STEEL SOCKET - COPPER

- * **SIZE AVAILABILITY:** 1/4" thru 1/2".
- * **FINISH:** Copper Plated.
 - The socket is made from low carbon, copper plated steel.
 - The flattened eye allows for easy installation with Modern Fig. 48 or 49, copper band rings or Fig. 38, perforated bar.
 - There is approximately 3/4" of BT threading inside the threaded end.
- * **ORDERING:** Specify rod size, figure number, part number and name.

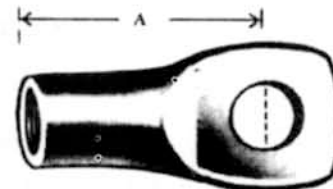


FIG. 83

SIZE	EYE SIZE	A	WT PER/HD	MAX LOAD	STD PACK
#0 - 1/4"	1/4"	1-3/8"	4	100	100
#1 - 3/8"	3/8"	1-3/8"	8	200	100
#2 - 1/2"	3/8"	1-3/8"	10	300	100

PERFORATED EXTENSION BAR FOR COPPER TUBE

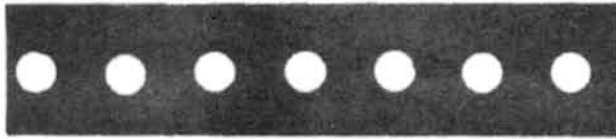


FIG. 38

- * **SIZE AVAILABILITY:** 3/4" - 22ga.
- * **FINISH:** Copper Plated Steel.
 - This perforated bar can be used with Modern Fig. 48, 49 or 83.
 - These rolls come packed 10 per box (100 feet).
- * **ORDERING:** Specify size, figure number and name.

BAND RING HANGER FOR COPPER TUBE

- * **SIZE AVAILABILITY:** 1/2", thru 4".
- * **FINISH:** Copper Plated or PVC Coating.
 - This hanger is made from low carbon steel and is copper plated.
 - These hangers are rust resistant but not rust proof.
 - Modern Fig 48 is used with Fig. 38, 83, 119 or 121.
 - This copper band ring can be used on insulated tube as well as bare copper pipe.
- * **ORDERING:** Specify tube size, figure number, name and finish.



FIG. 48

- * **SIZE AVAILABILITY:** 1/2" thru 6".
- * **FINISH:** Copper Plated or PVC Coating.
 - This hanger is made from .99% pure copper.
 - These hangers are highly recommended and since they are made of all copper material they will not be affected by electrolysis due to atmospheric conditions.
 - Modern Fig. 49 is used with Fig. 38, 83, 119 or 121.
 - This copper band ring can be used on insulated tube as well as bare copper pipe.
- * **ORDERING:** Specify tube size, figure number, name and finish.



FIG. 49

FIG. 48

TUBE SIZE	STOCK SIZE	BOLT SIZE	WT PER HD	STD. PACK	MAX. LOAD
1/2"	3/4" - 16 ga.	1/4"	7	100	50
3/4"	3/4" - 16 ga.	1/4"	8	100	50
1"	3/4" - 16 ga.	1/4"	9	100	50
1-1/4"	3/4" - 16 ga.	1/4"	10	100	50
1-1/2"	3/4" - 16 ga.	1/4"	11	100	50
2"	7/8" - 14 ga.	1/4"	13	100	100
2-1/2"	7/8" - 14 ga.	1/4"	24	100	100
3"	7/8" - 14 ga.	1/4"	40	100	100
3-1/2"	7/8" - 14 ga.	1/4"	45	100	100
4"	1-1/8" - 12 ga.	1/4"	47	100	150

FIG. 49

TUBE SIZE	STOCK SIZE	BOLT SIZE	WT PER HD	STD. PACK	MAX. LOAD
1/2"	1/16" x 3/4"	1/4" x 3/4"	9	100	50
3/4"	1/16" x 3/4"	1/4" x 3/4"	11	100	50
1"	1/16" x 3/4"	1/4" x 3/4"	12	100	50
1-1/4"	1/16" x 1"	1/4" x 3/4"	14	100	100
1-1/2"	1/16" x 1"	1/4" x 3/4"	17	100	100
2"	1/16" x 1"	1/4" x 3/4"	25	100	100
2-1/2"	3/22" x 1"	1/4" x 3/4"	35	100	150
3"	3/22" x 1"	5/16" x 1"	44	100	150
3-1/2"	3/22" x 1"	5/16" x 1"	48	100	150
4"	3/22" x 1"	5/16" x 1"	53	100	150
5"	3/22" x 1"	5/16" x 1"	57	BULK	150
6"	3/22" x 1"	5/16" x 1"	80	BULK	150

MODERN HANGER ADJUSTERS

* **SIZE AVAILABILITY:** 3/8" thru 7/8".

* **FINISH:** Black, Galvanized and Copper Plated.

- Malleable turn buckle type adjuster.
- Used with Modern Fig. 404 government rings.
- Government approved, all sizes.
- The maximum pipe size recommendation is listed in the chart below.
- Complies with General Services Administration, WW-H-171b.



* **ORDERING:** Specify bolt size, figure number, size number, letter, and finish.

FIG. 540

Recommended Applications:

- 3/8" #1 adjuster for I.P. sizes 1/2" through 1"
- 3/8" #2 adjuster for I.P. sizes 1-1/4" through 2-1/2"
- 1/2" #3 adjuster for I.P. sizes 3" through 3-1/2"
- 5/8" #3 adjuster for I.P. sizes 4" through 5"
- 3/4" #4 adjuster for I.P. sizes 6" through 8"
- 7/8" #4 adjuster for I.P. sizes 10" and above

SIZE	SIZE BOLT	SIZE	WEIGHT	STANDARD	MAXIMUM
NUMBER	THREAD	EYE	PER HD	PACKING	PIPE SIZE
0-B	3/8"	1/4"	10	100	1"
1-B	3/8"	1/4"	20	100	1"
2-1	3/8"	3/8"	35	50	2-1/2"
3A	1/2"	1/2"	35	BULK	3-1/2"
3B	5/8"	1/2"	35	BULK	5"
4A	3/4"	5/8"	100	BULK	8"
4B	7/8"	5/8"	100	BULK	14"