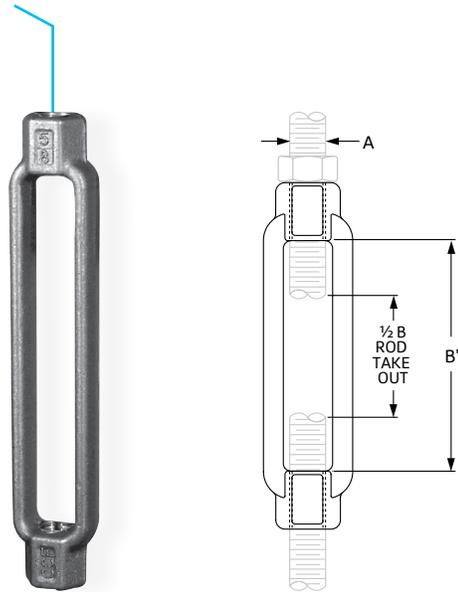


## Turnbuckle Fig. 230



**Size Range:** 3/8" through 2 1/2"

**Material:** Forged steel Stainless Steel 304  
Stainless Steel 316

**Finish:** Plain or Zinc Plated  
(Hot-Dip Galvanized optional)

**Service:** Provides adjustment up to 6" for 12"  
Fig. 230 and 3" for 6" Fig. 230.

**Approvals:** Complies with Federal Specification  
A-A-1192A (Type 13), WW-H-171-E (Type 13),  
ANSI/MSS SP-69 and MSS SP-58 (Type 13).

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

**Note:** The acceptability of galvanized coatings at temperatures above  
450°F is at the discretion of the end user.



**Fig. 230: Dimensions (in) • Loads (lbs) • Weight (lbs)**

Rod Size A*	Max Load		Weight	
	650°F	750°F	B = 6" Opening	B = 12" Opening
3/8	730	572	0.42	-
1/2	1,350	1,057	0.65	1.20
5/8	2,160	1,692	0.98	1.58
3/4	3,230	2,530	1.50	2.35
7/8	4,480	3,508	1.90	4.05
1	5,900	4,620	2.60	4.02
1 1/4	9,500	7,440	4.50	-
1 1/2	13,800	10,807	6.40	-
1 3/4	18,600	14,566	11.00	-
2	24,600	19,265	14.90	-
2 1/4	32,300	25,295	19.60	-
2 1/2	39,800	31,169	26.90	-

\* Tapped right hand and left hand thread. Larger rod sizes or openings available upon request.

PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	