☐ Fig. 595 (Formerly Afcon Fig. 850)

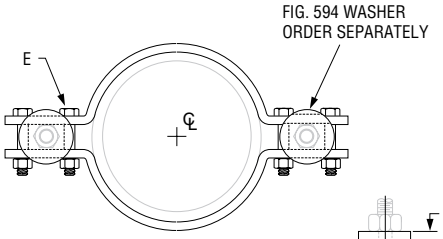
Socket Clamp for Ductile Iron or Cast Iron Pipe

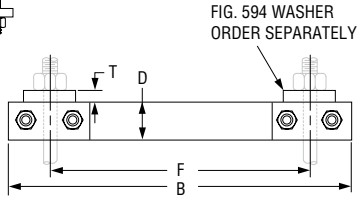
Size Range: 4" through 24"
Material: Two carbon steel half bands and four bolts and nuts.
Finish: ☐ Plain or ☐ Hot-Dip Galvanized with Zinc Plated Bolts & Nuts
Service: Clamps ductile or cast iron mechanical joint piping or mechanical joint or socket joint fittings together to prevent separation or distortion of pipe line under excessive water pressure.
Approvals: Complies with Federal Specification A-A-1192A (Type 8), ANSI/MSS SP-69 and MSS SP-58 (Type 8). Complies with the requirements of the National Fire Protection Association Standard NFPA-24 for Outside Protection.
Ordering: Specify pipe size, figure number, name and finish.

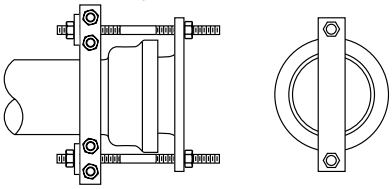
☐ Fig. 594

Socket Clamp Washer

Two cast iron or steel washers, Fig. 594, are used with each Fig. 595 socket clamp and these must be ordered separately.
Ordering: Specify washer size, figure number, name and finish.







Plug Strap for Bell End of Pipe

Pipe Anchor

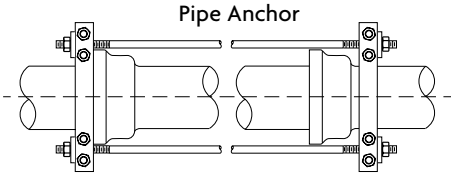


FIG. 595, FIG. 594: DIMENSIONS (IN) • LOADS (LBS) • WEIGHT (LBS)

D.I./C.I. Pipe Size	Max Test Pressure (PSI)	Force* On Clamp	Weight		Pipe O.D.	B	D Width	Bolt Dia. E	F	T	Fig. 594 Washer Rod Dia.
			Fig. 595 Clamp	Fig. 594 Washer							
4		4,550	12.8		5	14⅝	2		9⅝		
6		9,340	14.6	1.1	7⅛	16⅞		⅝	11⅞	⅝	¾
8	250	16,080	23.6		9 5/16	19⅛	2½		14⅛		
10		24,180	29.3	1.7	11½	21⅜		¾	16⅝	¾	1
12		34,230	40.3		13½	25⅛	3	⅞	19⅝		
14	120	22,200	53.9	2.7	15¾	28¼			22⅜		
16	115	27,760	76.5		17⅞	31⅜	4	1	25⅜	1⅛	1¼
18	100	23,900	94.3	4.3	20	35⅛		1¼	28⅛		
20	75	27,500	109.8		22⅛	37¾	4½		30½		1⅜
24	50	26,200	148.6	5.8	26⅜	44¼	5	1½	36	1¼	1½

*Refers to Hydrostatic Test

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