

Fig. 40

Riser Clamp – Standard

Size Range: 2" through 24"

Material: Carbon steel (CS), Alloy (A), or Stainless Steel (SS)

Finish: ☐ Plain or ☐ Galvanized

Maximum Temperature: Galvanized 450° F, 650° F (CS), 950° F (A) and 1,000° F (SS)

Service: Riser clamps are used for the support of vertical piping. Load is carried by shear lugs which are welded to the pipe. Shear lugs provided upon request. Local pipe wall stress evaluation available upon request.

Approvals: Complies with Federal Specification A-A-1192A (Type 42), ANSI/MSS SP-69 and MSS SP-58 (Type 42).

Ordering: Specify pipe size, material, figure number, name and finish.

Note: If different loads or dimensions are required, refer to Fig. 40 SD special design riser clamp.

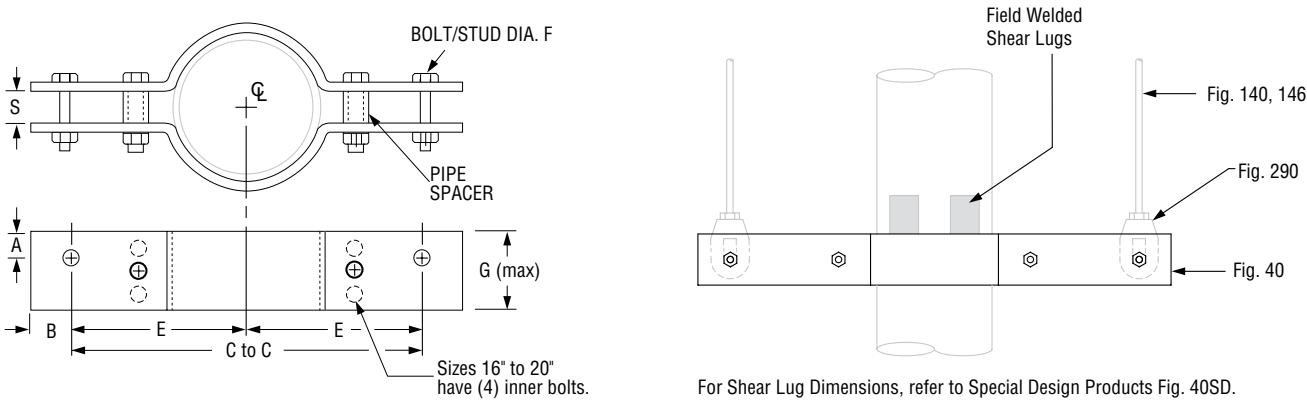


FIG. 40: LOADS (LBS) • WEIGHT (LBS) • DIMENSIONS (IN)														
Pipe Size	Max Load		C-C	E	F (max)	G (max)	S	A (CS)	A (alloy) (SS)	B (max)	Maximum Weight Each			
	Rigid Assembly	Spring Assembly									CS	SS	Alloy	
2	900	1,800	18	9	1½	2½	¾	1¼	7⁄8	2	18	15	18	
2½			20	10							20	20	20	
3	1,500	3,000	22	11	5⁄8	3	1	1½	30		25	30		
4	2,200	4,400							¾		4	1¼	2	40
5			24	12	7⁄8	5	1½	7⁄8						1¼
6	3,000	6,000	27	13½					1½		6	2¼	1¼	
8			30	15	1¼	6	2¼	1¼						1⅝
10	5,500	11,000	30	15	1¼	6	2¼	1¼	1⅝	3	157	157	157	
12	7,800	15,600	32	16	1½	7	2½	1¾	17⁄8		216	202	250	
14			34	17					1¾		228	228	263	
16	9,000	18,000	36	18					6		1½	2	314	277
18			39	19½				7	338				338	377
20	13,500	27,000	42	21	2	8	3½	2⅝	2⅝	4¼	525	525	580	
24			45	22½							621	565	681	

PROJECT INFORMATION		APPROVAL STAMP			
Project:		<input type="checkbox"/> Approved			
Address:		<input type="checkbox"/> Approved as noted			
Contractor:		<input type="checkbox"/> Not approved			
Engineer:		Remarks:			
Submittal Date:					
Notes 1:					
Notes 2:					