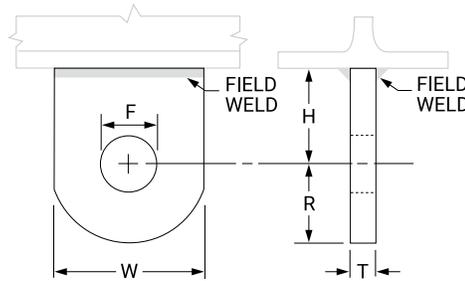


Structural Welding Lug

Fig. 55 Short

Fig. 55L Long



Material Specifications

Size Range

Fig. 55: 1/2" through 3 3/4"

Fig. 55L: 1/2" through 2"

Material

Carbon Steel

Finish

Plain

Hot-Dip Galvanized

Service

For attachment to structural steel in conjunction with the Fig. 299 clevis and with type C variable spring hanger or Type C Constant Support.

Maximum Temperature

Plain 750° F, Galvanized 450° F

Approvals

Complies with Federal Specification A-A-1192A (Type 57), WW-H-171-E (Type 57), ANSI/MSS SP-69 and MSS SP-58 (Type 57).

Ordering

Specify rod size, figure number, name, finish and whether short or long lug is required.

Order Separately

Fig. 291 pin with cotters or bolt and nut.



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

Structural Welding Lug (Short & Long) Fig. 55, 55L

Dimensions (In) - Load (Lbs) - Weight (Lbs)

Rod Size A*	Pin or Bolt Diameter	Fig. 55, Fig. 55L				Max Load		Fig. 55 (Short)		Fig. 55L (Long)	
		F	R	T	W	650° F	750° F	Rod Take Out H	Weight	Rod Take Out H	Weight
		In.	In.	In.	In.	Lbs.	Lbs.	In.	Lbs.	In.	Lbs.
1/2	5/8	11/16		1/4		1,350	1,057		0.48		0.75
5/8	3/4	13/16	1 1/4		2 1/2	2,160	1,692	1 1/2	0.41		0.68
3/4	7/8	15/16		3/8		3,230	2,530		0.60	3	1.0
7/8	1	1 1/8				4,480	3,508	2	0.71		0.98
1	1 1/8	1 1/4	1 1/2	1/2	3	5,900	4,620		1.2		1.6
1 1/4	1 3/8	1 1/2	2	5/8	4	9,500	7,440		3.0	4	3.7
1 1/2	1 5/8	1 3/4	2 1/2		5	13,800	10,807	3	4.8		6.4
1 3/4	1 7/8	2		3/4		18,600	14,566		4.7	4 1/2	6.3
2	2 1/4	2 3/8	3		6	24,600	19,265	4	7.2		8.8
2 1/4	2 1/2	2 5/8				32,300	25,295		7.6	—	—
2 1/2	2 3/4	2 7/8				39,800	31,169	4 1/2	15.5	—	—
2 3/4	3	3 1/8	4		8	49,400	38,687		15.1	—	—
3	3 1/4	3 3/8		1		60,100	47,066	5	16.0	—	—
3 1/4	3 1/2	3 5/8				71,900	56,307		18.9	—	—
3 1/2	3 3/4	3 7/8	4 1/2	1 1/2	9	84,700	66,331	6	31.3	—	—
3 3/4	4	4 1/8		1 3/4		98,500	77,139		35.9	—	—

Note:

* Rod size "A" is the assembly rod diameter. Dimension not shown on drawing.



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