

## ☐ Fig. 55 (Short)

## Structural Welding Lug

## ☐ Fig. 55L (Long)

**Size Range:** Fig. 55:  $\frac{1}{2}$ " through  $3\frac{3}{4}$ "

Fig. 55L  $\frac{1}{2}$ " through 2"

**Material:** Carbon steel

**Finish:** ☐ Plain or ☐ Galvanized

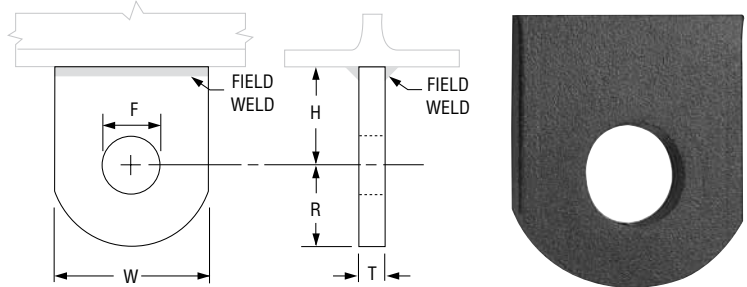
**Service:** For attachment to structural steel in conjunction with the Fig. 299 clevis and with type C variable spring hanger or Type C Constant Support.

**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



**FIG. 55, FIG. 55L: LOAD (LBS) • WEIGHT (LBS) • DIMENSIONS (IN)**

| Fig. 55, Fig. 55L |                  |    |    |       |    |          |        | Fig. 55 (Short)  |        | Fig. 55L (Long)  |        |   |
|-------------------|------------------|----|----|-------|----|----------|--------|------------------|--------|------------------|--------|---|
| Rod Size A *      | Pin or Bolt Dia. | F  | R  | T     | W  | Max Load |        | Rod Take Out - H | Weight | Rod Take Out - H | Weight |   |
|                   |                  |    |    |       |    | 650° F   | 750° F |                  |        |                  |        |   |
| 1½                | ⅝                | 1⅛ | 1¼ | ¼     | 2½ | 1,350    | 1,057  | 1½               | 0.48   | 3                | 0.75   |   |
| ⅝                 | ¾                | 1⅜ |    |       |    | 2,160    | 1,692  |                  | 0.41   |                  | 0.68   |   |
| ¾                 | ⅞                | 1⅝ |    | 3,230 |    | 2,530    | 0.60   |                  | 1.0    |                  |        |   |
| ⅞                 | 1                | 1⅞ |    | 4,480 |    | 3,508    | 0.71   | 0.98             |        |                  |        |   |
| 1                 | 1⅞               | 1¼ | 1½ | ½     | 3  | 5,900    | 4,620  | 2                | 1.2    |                  | 1.6    |   |
| 1¼                | 1⅜               | 1½ | 2  | ⅝     | 4  | 9,500    | 7,440  | 3                | 3.0    | 4                | 3.7    |   |
| 1½                | 1⅝               | 1¾ | 2½ | ¾     | 5  | 13,800   | 10,807 |                  | 4.8    | 4½               | 6.4    |   |
| 1¾                | 1⅞               | 2  |    |       |    | 18,600   | 14,566 |                  | 4.7    |                  | 6.3    |   |
| 2                 | 2¼               | 2⅜ | 3  |       | 6  | 24,600   | 19,265 | 4                | 7.2    |                  | 8.8    |   |
| 2¼                | 2½               | 2⅝ |    |       |    | 32,300   | 25,295 | 4½               | 7.6    | —                | —      |   |
| 2½                | 2¾               | 2⅞ | 4  | 1     | 8  | 39,800   | 31,169 |                  | 15.5   | —                | —      |   |
| 2¾                | 3                | 3⅞ |    |       |    | 49,400   | 38,687 |                  | 15.1   | —                | —      |   |
| 3                 | 3¼               | 3⅜ |    |       |    | 60,100   | 47,066 | 5                | 16.0   | —                | —      |   |
| 3¼                | 3½               | 3⅝ |    |       |    | 71,900   | 56,307 |                  | 18.9   | —                | —      |   |
| 3½                | 3¾               | 3⅞ | 4½ |       | 1½ | 9        | 84,700 | 66,331           | 6      | 31.3             | —      | — |
| 3¾                | 4                | 4⅞ |    |       | 1¾ |          | 98,500 | 77,139           |        | 35.9             | —      | — |

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

| 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:            |  |                                            |  |