

HANGER RODS

Fig. 278: Right Hand Threads Fig. 278L: Left Hand Threads

Eye Rod Welded

Size Range: $\frac{3}{8}$ " through $2\frac{1}{2}$ "

Material: Carbon steel

Finish: Plain or Galvanized

Features: Through $1\frac{1}{2}$ ", inside diameter of eye will accommodate a bolt diameter $\frac{1}{8}$ " larger than rod diameter; $1\frac{3}{4}$ " and larger, inside diameter of eye will take a bolt diameter $\frac{1}{4}$ " larger than rod diameter.

Maximum Temperature: 750° F

Ordering: Specify rod diameter, figure number, name, rod length and finish. Specify thread length if other than standard.

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



**FIG. 278, FIG. 278L:
LOADS (LBS) • DIMENSIONS (IN)**

Rod Size A	Standard Rod Thread Length - D	L (min)	Max Load	
			650° F	750° F
$\frac{3}{8}$	2½	4¼	730	572
$\frac{1}{2}$		1,350	1,057	
$\frac{5}{8}$		4½	2,160	1,692
$\frac{3}{4}$	3	5½	3,230	2,530
$\frac{7}{8}$	3½	6½	4,480	3,508
1	4	7¼	5,900	4,620
1¼	5	8¼	9,500	7,440
1½	6	10	13,800	10,807
1¾	7	12	18,600	14,566
2	8	14	24,600	19,265
2¼	9	15½	32,300	25,295
2½	10	17	39,800	31,169

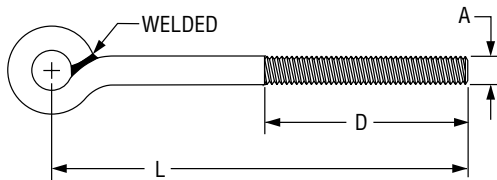


Fig. 248X: Not Welded Fig. 278X: Welded

Linked Eye Rods

Size Range: $\frac{3}{8}$ " through $2\frac{1}{2}$ "

Service: The use of linked eye rods in a hanger assembly allows universal movement of the piping without bending and possible fracture of a straight rod.

Finish: Plain or Galvanized

Maximum Temperature: Fig. 248X: 650° F, Fig. 278X: 750° F

Ordering: Specify the size, length of each eye rod, figure number and finish.

Example:

$\frac{7}{8}$ " Fig. 278X linked welded eye rod consisting of:

(L1) $\frac{7}{8}$ " Fig. 278 welded eye rod 1 ft. $2\frac{1}{2}$ in. long, center to end.

(L2) $\frac{7}{8}$ " Fig. 278 welded eye rod 1 ft. $2\frac{1}{2}$ in. long center to end.



**FIG. 248X, 278X:
DIMENSIONS (IN) • LOADS (LBS)**

Rod Size A	Max Load		
	Fig. 248X 650° F	Fig. 278X	
		650° F	750° F
$\frac{3}{8}$	240	730	572
$\frac{1}{2}$	440	1,350	1,057
$\frac{5}{8}$	705	2,160	1,692
$\frac{3}{4}$	1,050	3,230	2,530
$\frac{7}{8}$	1,470	4,480	3,508
1	1,940	5,900	4,620
1¼	3,120	9,500	7,440
1½	4,650	13,800	10,807
1¾	6,380	18,600	14,566
2	8,280	24,600	19,265
2¼	10,900	32,300	25,295
2½	13,400	39,800	31,169

