

**Fig. 140:** Right-hand Threads

**Machine Threaded Rods  
Threaded Both Ends**

**Fig. 253:** Right and Left hand Threads

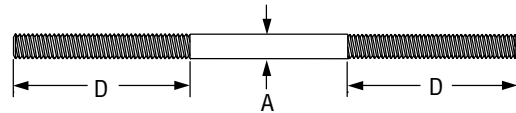
**Size Range:**  $\frac{3}{8}$ " through 5"

**Material:** Carbon steel

**Finish:**  Plain or  Zinc Plated (Hot-Dip Galvanized optional)

**Ordering:** Specify rod size, 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. 140, 253: LOADS (LBS) • DIMENSIONS (IN)**

Rod Size A	Threads per Inch	Max Load		Standard Rod Thread Length D*
		650° F	750° F	
$\frac{3}{8}$	16	730	572	2½
$\frac{1}{2}$	13	1,350	1,057	
$\frac{5}{8}$	11	2,160	1,692	
$\frac{3}{4}$	10	3,230	2,530	3
$\frac{7}{8}$	9	4,480	3,508	3½
1	8	5,900	4,620	4
1¼	7	9,500	7,440	5
1½	6	13,800	10,807	6
1¾	5	18,600	14,566	7
2	4½	24,600	19,265	8
2¼	4½	32,300	25,295	9
2½	4	39,800	31,169	10
2¾	4	49,400	38,687	11
3	4	60,100	47,066	12
3¼	4	71,900	56,307	13
3½	4	84,700	66,331	14
3¾	4	98,500	77,139	15
4	4	113,400	88,807	
4¼	4 UN	129,400	101,337	18
4½	4 UN	146,600	114,807	
4¾	4 UN	164,700	128,982	
5	4 UN	184,000	144,096	

\*Fig. 140 rod up to 1" rod size and 24" in length may be furnished as Fig 146 rod unless order states that all thread rod is not acceptable.

\* $\frac{3}{8}$ " - 4" Diameter: UNC-2A CLASS fit.

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:			