

## Fig. 142

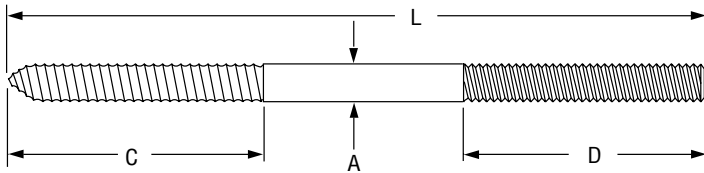
### Coach Screw Rods Machine Threaded on Opposite End

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

**Material:** Carbon steel

**Finish:** Plain

**Ordering:** Specify rod size, figure number, name and rod length.



**FIG. 142: STANDARD THREAD LENGTHS (IN) • LOADS (LBS)**

Rod Size A	Standard Length - L	Coach Screw Thread Length - C	Standard Rod Thread Length - D	Max Load
$\frac{3}{8}$	$3\frac{1}{2}$	2	$\frac{3}{4}$	390
	8		$2\frac{1}{2}$	
$\frac{1}{2}$	$3\frac{1}{2}$	$2\frac{7}{16}$	$\frac{3}{4}$	640
	8		$2\frac{1}{2}$	

## Fig. 146

### Continuous Threaded Rod

**Size Range:**  $\frac{1}{4}$ " through  $1\frac{1}{2}$ " Stocked in six, ten, and twelve foot lengths. Other even foot lengths can be furnished to order.

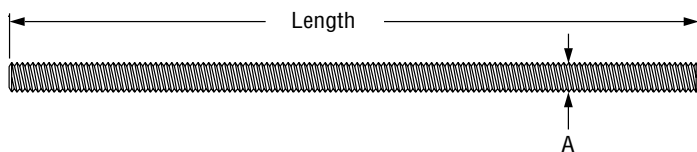
**Material:** Carbon steel; rod threaded complete length.

**Finish:** Plain or galvanized.

**Maximum Temperature:** 650° F.

**Ordering:** Specify rod diameter and length, figure number, name and finish.

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



**FIG. 146:  
LOADS (LBS) • WEIGHTS (LBS) DIMENSIONS (IN)**

Rod Size A	Threads per Inch	Max Load	Weight per Ft.
		650° F	
$\frac{1}{4}$	20	240	0.12
$\frac{3}{8}$	16	730	0.30
$\frac{1}{2}$	13	1,350	0.53
$\frac{5}{8}$	11	2,160	0.84
$\frac{3}{4}$	10	3,230	1.20
$\frac{7}{8}$	9	4,480	1.70
1	8	5,900	2.30
$1\frac{1}{4}$	7	9,500	3.60
$1\frac{1}{2}$	6	13,800	5.10

Note: Other rod sizes available upon request. Class 2 fit is available upon request.