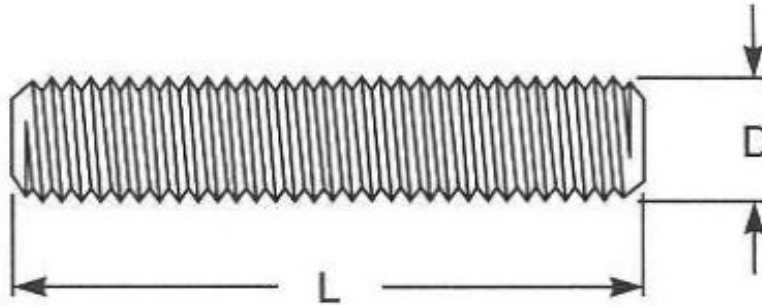


# All Thread Rod & Full Thread Studs

A193-B7



Nominal Size or Diameter	Threads Per Inch			Weight Per Foot			Material	Mechanical Properties	
	UNC	UNF	UNS	UNC	UNF	UNS		Yield Strength Min (psi)	Tensile Strength Min (psi)
1/4	20	28	-	0.121	0.134	-	Alloy steel, AISI 4140/4142 quenched and tempered.	105,000	125,000
5/16	18	24	-	0.196	0.214	-			
3/8	16	24	-	0.291	0.318	-			
7/16	14	20	-	0.398	0.431	-			
1/2	13	20	-	0.522	0.575	-			
9/16	12	18	-	0.676	0.730	-			
5/8	11	18	-	0.837	0.914	-			
3/4	10	16	-	1.224	1.327	-			
7/8	9	14	-	1.692	1.817	-			
1"	8	14	8	2.201	2.405	2.258			
1-1/8	7	12	8	2.805	3.034	2.909			
1-1/4	7	12	8	3.500	3.787	3.658			
1-1/2	6	12	8	5.050	5.544	5.397			

Lengths	
<b>All Thread Rod</b>	Standard lengths are most commonly provided in 3 foot, 6 foot, and 12 foot lengths.
<b>Full thread Studs</b>	Per the ASTM standard - studs and stud bolts shall be measured from first thread to first thread, However upon request or as a high strength anchoring stud the Length can be made to any overall length (1/4 to 3/4 diameter +/-0.06 inch under 6 inch +/-0.12 over 6 inch) (7/8 to 1-1/4 diameter +/-0.12 inch under 6 inch +/-0.19 over 6 inch) (over 1-1/4 diameter +/- 0.25 for all lengths) and are chaffed at both ends for easy nut fitment.
<b>Finish</b>	Stocked in Plain Finish - Zinc Plated & Hot Dipped Galvanized are available upon special order.

ASTM A193 / A193M - 10a Standard Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications

For more information on the ASTM A193-B7 specification please visit [www.astm.org](http://www.astm.org)