

Threaded Rods



Product Specifications

Material:	High Strength Low Alloy Steel	Stainless Steel 304	Stainless Steel 316
Grade:	ASTM A242	AISI 304	AISI 316
Dimensional Specifications:	AWWA C111/A21.11	AWWA C111/A21.11	AWWA C111/A21.11
Threads per:	ASME B1.1	ASME B1.1	ASME B1.1
Size:	5/8 in and 3/4 in	5/8 in and 3/4 in	5/8 in and 3/4 in
MECHANICAL PROPERTIES:			
Yield Strength	45,000 PSI	30,000 PSI	30,000 PSI
Elongation in 2 in.	20% min	40% min	40%min
CHEMICAL PROPERTIES:			
C	0.20 max	0.08 max	0.08 max
Mn	1.25 max	2.00 max	2.00 max
S	0.05 max	0.030 max	0.030 max
Ni	0.25 min	8.00 - 10.50	10.00 - 14.00
Cu	0.20 min		
Combined (Ni+Cu+Cr)	1.25 min		
P		0.045 max	0.045 max
Si		1.00 max	1.00 max
Cr		18.00 - 20.00	16.00 - 18.00
Mo			2.00 - 3.00