

THREADED ROD UNC F593D
STAINLESS STEEL



APPLICATION

Bremick® Threaded Rod UNC 304 Stainless Steel is designed for industrial and construction applications where extreme corrosion performance is required



PRODUCT ATTRIBUTES

Material Class: 304 STAINLESS STEEL 1-CW2-F593C

Thread Form: Class 2A

Standard: Complies to IFI-136:2002

Mechanical Properties: Complies to ASTM F593:2024

Chemical Composition: Complies to ASTM F593:2024

MARKING



MECHANICAL PROPERTIES (Full-Size Tests)

ALLOY MECHANICAL PROPERTY MARKING	Tensile Strength (ksi)	Yield Strength (ksi)	Hardness
			Rockwell
	RANGE	MIN	RANGE
F593D	85~140	45	B80-C32

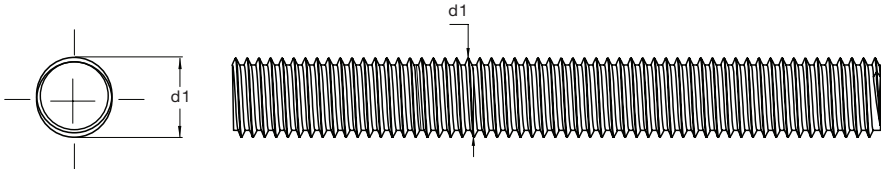
CHEMICAL COMPOSITION (%)

STAINLESS STEEL GRADE	C	Mn	P	S	Si	Cr	Ni	Cu
	MAX	MAX	MAX	MAX	MAX	RANGE	RANGE	MAX
304	0.08	2.00	0.045	0.030	1.00	18.0-20.0	8.0-10.5	1.00

MATERIAL INFORMATION

STAINLESS STEEL 304		
DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
304 is the most commonly used stainless steel. It is an austenitic, offers excellent strength and corrosion resistance.	Bremick® 304 Stainless Steel provides an extreme level of protection and is recommended for wet external application. Bremick® 304 Stainless Steel is an austenitic stainless steel that offers all round performance.	Extreme

DIMENSIONAL DATA (inches)



DIAMETER (inches)	TPI	MAJOR DIAMETER (d1)	
	UNC	MIN	MAX
3/4	10	0.7353	0.7482
7/8	9	0.8592	0.8731
1	8	0.9830	0.9980
1 1/8	7	1.1064	1.1228
1 1/4	7	1.2314	1.2478
1 1/2	6	1.4794	1.4976

LENGTH (inches)

DIAMETER (Inches)	NOM.	3/4	7/8	1	1 1/8	1 1/4	1 1/2
36 (3 ft)	MIN	35.88	35.81				35.75
	MAX	36.12	36.19				36.25
144 (12 ft)	MIN	143.88	143.81				143.75
	MAX	144.12	144.19				144.25

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