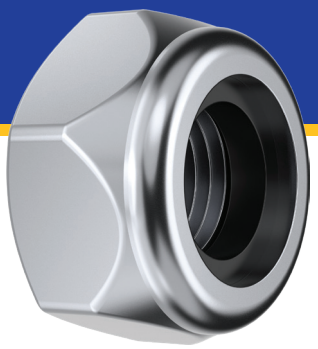
NYLON INSERT LOCK NUT UNC F594D STAINLESS STEEL

STAINLESS STEEL 304



APPLICATION

Bremick® nylon insert nuts are used in a wide range of applications to reduce loosening due to vibration and other factors. The nylon thread is cut upon application and produced friction. Not recommended for repeat use

PRODUCT ATTRIBUTES

Material Class: 304 STAINLESS STEEL 1-CW2-F594D

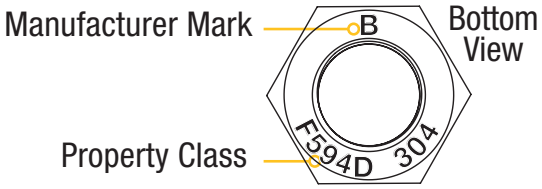
Thread Form: Class 2B

Standard: Complies to ASME B18.16.6:2017

Mechanical Properties: Complies to ASTM F594:2024

Chemical Composition: Complies to ASTM F594:2024

MARKING



In some cases, the Bremick marking will be replaced by the mark of the original manufacturer

MECHANICAL PROPERTIES

ALLOY MECHANICAL PROPERTY MARKING	STRESS UNDER PROOF LOAD (ksi)	HARDNESS ROCKWELL
	MIN	RANGE
F594D	85	B80-C35

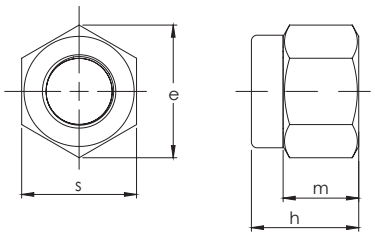
CHEMICAL COMPOSITION (%)

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

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)	ACROSS FLATS (s)		ACROSS CORNERS (e)	TOTAL HEIGHT (h)		NUT HEIGHT (m)
	MIN	MAX	MIN	MIN	MAX	MIN
3/4	1.052	1.064	1.191	0.860	0.890	0.742
7/8	1.239	1.252	1.403	0.969	0.999	0.790
1	1.427	1.440	1.615	1.016	1.078	0.825
1 1/8	1.614	1.627	1.826	1.141	1.203	0.930
1 1/4	1.801	1.815	2.038	1.360	1.422	1.125
1 3/8	1.973	2.008	2.232	1.547	1.609	1.282
1 1/2	2.159	2.197	2.444	1.578	1.640	1.313

SOCKET OR SPANNER SIZE (inches)

BOLT DIAMETER	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2
SPANNER SIZE	1 1/8	1-5/16	1-1/2	1-11/16	1-7/8	2-1/6	2-1/4

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