CONE LOCK NUT
GRADE 8 UNF

APPLICATION

Bremick® Cone Lock nuts are designed with a distored thread in the cone which Causes friction and locks the nut in place and stop vibrating loose. The all metal design allows them to be used in higher temperature applications

PRODUCT ATTRIBUTES

Material Class: Carbon Steel Grade 8

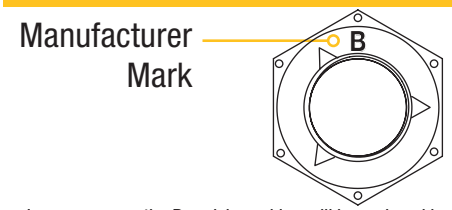
Thread Form: Class 2B

Standard: Complies to ASME B18.16.6:2017

Mechanical Properties: Complies to ASME B18.16.6:2017

Chemical Composition: Complies to ASME B18.16.6:2017

MARKING



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

MECHANICAL PROPERTIES

DIAMETER (inches)			3/8	1/2	5/8	3/4
PROOF LOAD (lb)		MIN	13,200	24,000	38,400	56,000
CLAMPING FORCE (lb)		MIN	7,900	14,400	23,000	33,600
HARDNESS	ROCKWELL (HRC)	RANGE	24-32			26-34

CHEMICAL COMPOSITION (%)

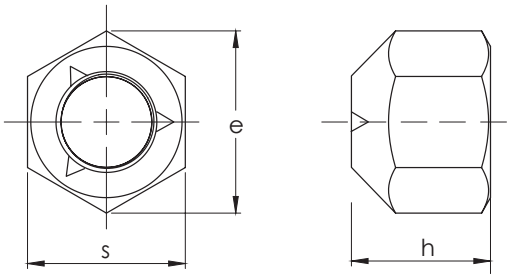
MATERIAL	C	Mn	P	S
	MAX	MIN	MAX	MAX
CARBON STEEL	0.55	0.30	0.04	0.05

FINISH INFORMATION

ZINC PLATED

DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
Zinc Plating is a process of depositing a thin layer of zinc onto the surface of a steel object through electroplating. The steel object is then passivated with a transparent conversion layer.	Bremick® Zinc Plated Coating provides a low level of corrosion protection and is recommended for dry internal application. Bremick® Zinc Plating complies with AS1789.	Low.

DIMENSIONAL DATA (inches)



DIAMETER	TPI	ACROSS FLATS (s)		ACROSS CORNERS (e)		NUT HEIGHT (h)	
		MIN	MAX	MIN	MAX	MIN	MAX
3/8	24	0.5510	0.5645	0.6280	0.6500	0.3200	0.4150
1/2	20	0.7360	0.7520	0.8400	0.8660	0.4270	0.5730
5/8	18	0.9220	0.9395	1.0510	1.0830	0.5350	0.7310
3/4	16	1.0880	1.1270	1.2400	1.2990	0.6170	0.8270

SOCKET OR SPANNER SIZE (inches)

NUT DIAMETER	3/8	1/2	5/8	3/4
SPANNER SIZE	9/16	3/4	15/16	1 1/8

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