

CONE LOCK NUT CLASS 10 METRIC

APPLICATION

Bremick® Cone Lock nuts are designed with a distorted thread in the cone which lock 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 Class 10

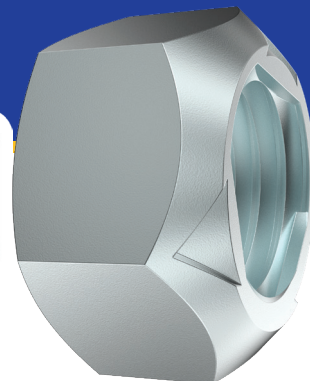
Thread Form: Metric 6H

Standard: Complies to DIN 980:1987

Mechanical Properties: Complies to ISO 898.2:2022

Chemical Composition: Complies to ISO 898.2:2022

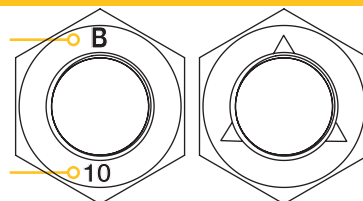
ZINC
PLATED



MARKING

Manufacturer
Mark

Property Class



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

MECHANICAL PROPERTIES

DIAMETER (mm)		M6	M8	M10	M12	M14	M16	M20	M24	
PROOF LOAD (N)		MIN	20900	38100	60300	88500	120800	164900	259700	374200
STRESS UNDER PROOF LOAD (MPa)		MIN	1040			1050			1070	
HARDNESS	VICKERS (HV)	RANGE	272-353							

CHEMICAL COMPOSITION (%)

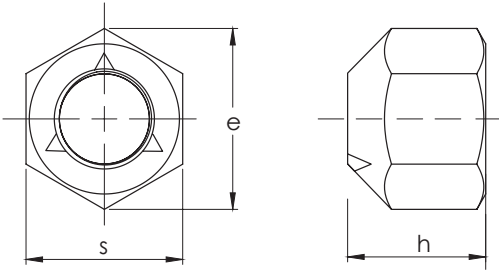
MATERIAL	C		Mn	P	S	TEMPERING TEMPERATURE °C
	MIN	MAX	MIN	MAX	MAX	MIN
CARBON STEEL	0.15	0.58	0.45	0.048	0.058	380

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 (mm)



DIAMETER	PITCH (mm)	ACROSS FLATS (s)		ACROSS CORNERS (e)		NUT HEIGHT (h)	
		MIN	MAX	MIN		MIN	MAX
M6	1.00	9.78	10.00	11.05		5.70	6.00
M8	1.25	12.73	13.00	14.38		7.50	8.00
M10	1.50	16.73	17.00	18.90		9.00	10.00
M12	1.75	18.67	19.00	21.10		11.00	12.00
M14	2.00	21.67	22.00	24.49		12.00	14.00
M16	2.00	23.67	24.00	26.75		14.00	16.00
M20	2.50	29.16	30.00	32.95		18.00	20.00
M24	3.00	35.00	36.00	39.55		22.00	24.00

SOCKET OR SPANNER SIZE (mm)

NUT DIAMETER	M6	M8	M10	M12	M14	M16	M20	M24
SPANNER SIZE	10	13	17	19	22	24	30	36

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