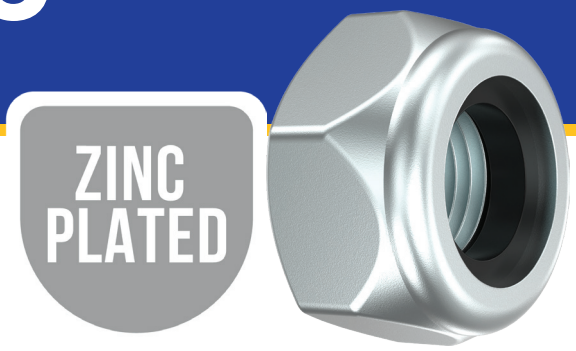
NYLON INSERT LOCK NUT
CLASS 10 METRIC



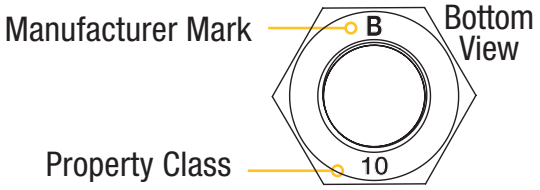
APPLICATION

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:	Carbon Steel Class 10
Thread Form:	Metric 6H
Finish:	Zinc Plated
Standard:	Complies to DIN 985 1987
Mechanical Properties:	Complies to ISO 898.2:2022
Chemical Composition:	Complies to ISO 898.2:2022

MARKING



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

MECHANICAL PROPERTIES

DIAMETER (mm)		M5	M6	M8	M10	M12	M14	M16	M18	M20	M24	M27	M30	M33	M36	M39
PROOF LOAD (N)	MIN	14800	20900	42500	67300	100300	136900	186800	230400	259700	423600	550800	673200	832800	980400	1171000
STRESS UNDER PROOF LOAD (MPa)	MIN	1040				1050			1070			1095				
HARDNESS VICKERS (HV)	RANGE	272-353														

CHEMICAL COMPOSITION (%)

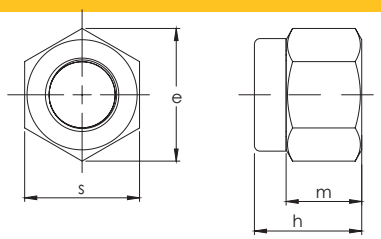
MATERIAL	C		Mn	P	S	TEMPERING TEMPERATURE °C
	MIN	MAX	MIN	MAX	MAX	MIN
CARBON STEEL	0.15	0.58	0.45	0.048	0.058	380

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 (mm)	ACROSS FLATS (s)		ACROSS CORNERS (e)	TOTAL HEIGHT (h)		NUT HEIGHT (m)
	MIN	MAX	MIN	MIN	MAX	MIN
3	5.32	5.50	6.01	3.70	4.00	2.40
4	6.78	7.00	7.66	4.70	5.00	2.90
5	7.78	8.00	8.79	4.70	5.00	3.20
6	9.78	10.00	11.05	5.70	6.00	4.00
8	12.73	13.00	14.38	7.64	8.00	5.50
10	16.73	17.00	18.90	9.64	10.00	6.50
12	18.67	19.00	21.10	11.57	12.00	8.00
14	21.67	22.00	24.49	13.30	14.00	9.50
16	23.67	24.00	26.75	15.30	16.00	10.50
18	26.16	27.00	29.56	17.66	18.50	13.00
20	29.16	30.00	32.95	18.70	20.00	14.00
22	31.00	32.00	35.03	20.70	22.00	15.00
24	34.60	35.00	39.55	22.70	24.00	15.00
27	41.00	40.00	45.20	25.70	27.00	17.00
30	45.00	46.00	50.85	28.70	30.00	19.00
36	53.80	55.00	60.79	34.40	36.00	25.00
39	58.60	58.80	66.44	37.40	39.00	27.00

SOCKET OR SPANNER SIZE (mm)

BOLT DIAMETER	3	4	5	6	8	10	12	14	16	18	20	22	24	27	30	36	39
SPANNER SIZE	5.5	7	8	10	13	17	19	22	24	27	30	32	35	40	46	55	59

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