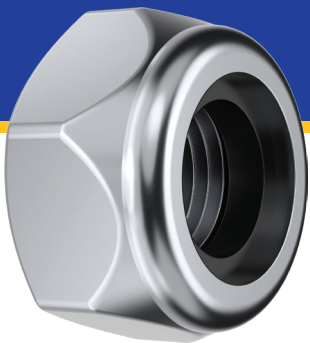


NYLON INSERT LOCK NUT
A2-70 METRIC
STAINLESS STEEL



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: Stainless Steel A2-70

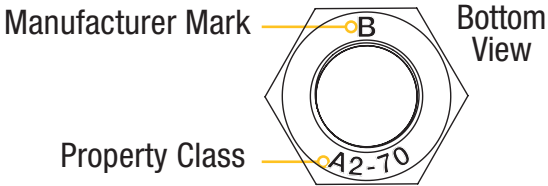
Thread Form: Metric 6H

Standard: Complies to DIN 985 1987

Mechanical Properties: Complies to ISO 3506.2:2020

Chemical Composition: Complies to ISO 3506.2:2020

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	9930	14090	25630	40600	58990	80810	109700	134800	171400	246800	321600	392500	485500	571800	683100
STRESS UNDER PROOF LOAD (MPa)	MIN	700														

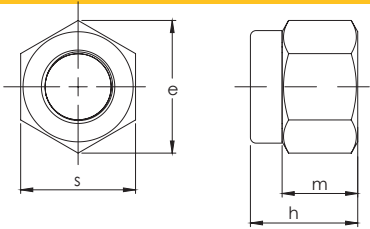
CHEMICAL COMPOSITION (%)

STAINLESS STEEL GRADE	C	Si	Mn	P	S	Cr	Ni	Cu
	MAX	MAX	MAX	MAX	MAX	RANGE	RANGE	MAX
A2	0.10	1.00	2.00	0.050	0.030	15.0-20.0	8.0-19.0	4.0

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 (mm)



DIAMETER (mm)	ACROSS FLATS (s)		ACROSS CORNERS (e)	TOTAL HEIGHT (h)		NUT HEIGHT (m)
	MIN	MAX		MIN	MAX	
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