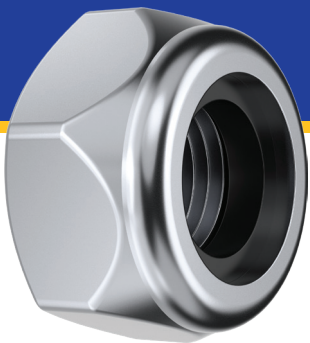


NYLON INSERT LOCK NUT
A4-70 METRIC
STAINLESS STEEL



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 A4-70

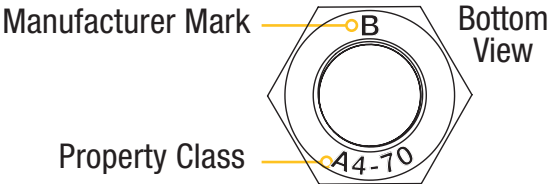
Thread Form: Metric 6H

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
	MIN	700														
STRESS UNDER PROOF LOAD (MPa)		700														

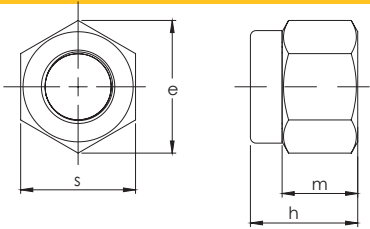
CHEMICAL COMPOSITION (%)

STAINLESS STEEL GRADE	C	Si	Mn	P	S	Cr	Mo	Ni	Cu
	MAX	MAX	MAX	MAX	MAX	RANGE	RANGE	RANGE	MAX
A4	0.08	1.00	2.00	0.045	0.030	16.0-18.5	2.00-3.00	10.0-15.0	4.0

MATERIAL INFORMATION

STAINLESS STEEL 316		
DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
316 is a Marine Grade SS – It contains 2-3% Molybdenum which provides highest possible corrosion protection than 304 Stainless steel.	Bremick® 316 Stainless Steel provides the ultimate level of protection and is recommended for external application and marine environments.	Ultimate

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

Whilst every care was taken in the preparation of this publication, Bremick® accepts no responsibility for the accuracy of the information supplied. Bremick® reserves the right to make alterations to specifications as part of ongoing development and improvement. This publication serves as a guide and it's the responsibility of the end user to ensure suitability for their application.
The contents of this publication are the exclusive copyright of Bremick® and may not be reproduced without permission.

Bremick Pty Ltd
Head Office | 88 Dalmeny Avenue, Rosebery 2018
National Distribution Centre | M5/M7 Logistics Park,
Warehouse 4B, 290 Kurrajong Road, Prestons NSW 2170
www.bremick.com.au