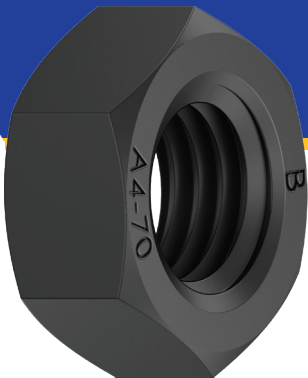


HEX NUT A4-70 METRIC STAINLESS STEEL MOLYCOAT

APPLICATION

Bremick® Hex Nuts Metric A4-70 Stainless Steel are designed for industrial and construction applications where ultimate corrosion performance is required



PRODUCT ATTRIBUTES

Material Class: Stainless Steel A4-70

Thread Form: Metric 6H

Standard: Complies to DIN 934:1987

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														

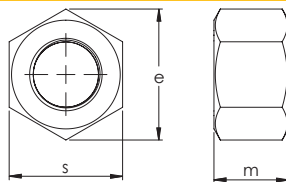
CHEMICAL COMPOSITION (%)

STAINLESS STEEL GRADE	C	Si	Mn	P	S	Cr	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

MOLYCOAT STAINLESS STEEL 304		
DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
Molycoat is a Molybdenum disulphide dry film lubrication coating that is applied primarily to implement lubricity. It also provides moderate levels of corrosion resistance and can be used across a wide spectrum of service temperatures	Bremick® Molycoat applied to 316 Stainless Steel provides the ultimate level of protection and is recommended for external application and severe marine environments of categories C4 classified by ISO 9223	Ultimate

DIMENSIONAL DATA (mm)



DIAMETER	PITCH (mm)	ACROSS FLATS (s)		ACROSS CORNERS (e)		NUT HEIGHT (m)	
		MIN	MAX	MIN		MIN	MAX
M3	0.50	5.32	5.50	6.01		2.15	2.40
M4	0.70	6.78	7.00	7.66		2.90	3.20
M5	0.80	7.78	8.00	8.79		3.70	4.00
M6	1.00	9.78	10.00	11.05		4.70	5.00
M8	1.25	12.73	13.00	14.38		6.14	6.50
M10	1.50	16.73	17.00	18.90		7.64	8.00
M12	1.75	18.67	19.00	21.10		9.64	10.00
M14	2.00	21.67	22.00	24.49		10.30	11.00
M16	2.00	23.67	24.00	26.75		12.30	13.00
M18	2.50	26.16	27.00	29.56		14.30	15.00
M20	2.50	29.16	30.00	32.95		14.90	16.00
M24	3.00	35.00	36.00	39.55		17.70	19.00
M27	3.00	40.00	41.00	45.20		20.70	22.00
M30	3.50	45.00	46.00	50.85		22.70	24.00
M33	3.50	49.00	50.00	55.37		24.70	26.00
M36	4.00	53.80	55.00	60.79		27.40	29.00
M39	4.00	58.80	60.00	66.44		29.40	31.00
M42	4.50	63.10	65.00	71.30		32.40	34.00
M48	5.00	73.10	75.00	82.60		34.40	36.00

SOCKET OR SPANNER SIZE (mm)

BOLT DIAMETER	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20	M24	M27	M30	M33	M36	M39
SPANNER SIZE	5.5	7	8	10	13	17	19	22	24	27	30	36	41	46	50	55	60