

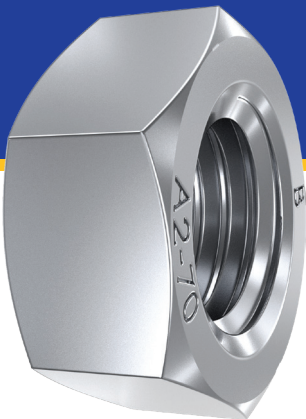
HEX NUT A2-70 METRIC STAINLESS STEEL

APPLICATION

Bremick® Hex Nuts Metric A2-70 Stainless Steel are designed for industrial and construction applications where extreme corrosion performance is required

PRODUCT ATTRIBUTES

Material Class:	Stainless Steel A2-70
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														

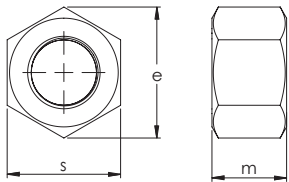
CHEMICAL COMPOSITION (%)

STAINLESS STEEL GRADE	C	Si	Mn	P	S	Cr	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	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

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