

HALF NUT

A2-035 METRIC

STAINLESS STEEL

APPLICATION

Bremick® Half nuts, lock nuts, jam nuts or thin nuts all different names for a nut that is approximately half the thickness of a standard nut. These are general used in conjunction with a standard nut to jam or lock the two nuts in place preventing loosening.

PRODUCT ATTRIBUTES

Material Class:	Stainless Steel A2-035
Thread Form:	6H
Standard:	Complies to ISO 4035:2023
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)		M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
PROOF LOAD (N)	MIN	7050	12820	20300	29500	40410	46180	67370	85680	106200	123400
STRESS UNDER PROOF LOAD (MPa)	MIN	350									

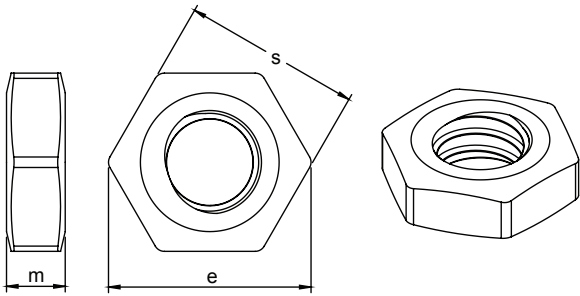
CHEMICAL COMPOSITION (%)

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)



BOLT DIAMETER (mm)	PITCH	ACROSS FLATS (s)		ACROSS CORNERS (e)		NUT HEIGHT (m)	
NOMINAL	NOMINAL	MIN	MAX	MIN		MIN	MAX
M6	1.00	9.78	10.00	11.05		2.90	3.20
M8	1.25	12.73	13.00	14.38		3.70	4.00
M10	1.50	15.73	16.00	17.77		4.70	5.00
M12	1.75	17.73	18.00	20.03		5.70	6.00
M14	2.00	20.67	21.00	23.36		6.42	7.00
M16	2.00	23.67	24.00	26.75		7.42	8.00
M18	2.50	26.16	27.00	29.56		8.42	9.00
M20	2.50	29.16	30.00	32.95		9.10	10.00
M22	2.50	33.00	35.00	37.29		9.90	11.00
M24	3.00	35.00	36.00	39.55		10.90	12.00

SOCKET OR SPANNER SIZE (mm)

NUT DIAMETER	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
SPANNER SIZE	10	13	17	19	22	24	27	30	32	36

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