

HALF NUT A4-035
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 A4-035
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

Manufacturer Mark

Property Class

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	M24
PROOF LOAD (N)	MIN	7050	12820	20300	29500	40410	46180	67370	85680	123400
STRESS UNDER PROOF LOAD (MPa)	MIN	350								

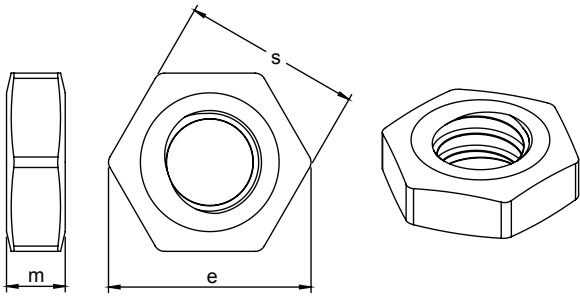
CHEMICAL COMPOSITION (%)

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)



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

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.