

HEX COUPLING NUT

A4-70 METRIC

STAINLESS STEEL

APPLICATION

Bremick® Hex Coupling Nuts are designed to connect two threaded components together. Applications include joining of thread rod to form longer lengths or connecting to cast in threaded component

PRODUCT ATTRIBUTES

Material Class: Stainless Steel A4-70

Thread Form: Metric 6H

Standard: Complies to DIN6334:1943

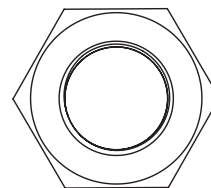
Mechanical Properties: Complies to ISO 3506.2:2020

Chemical Composition: Complies to ISO 3506.2:2020

STAINLESS
STEEL
316



MARKING



Some nuts exist without permanent marking

MECHANICAL PROPERTIES

DIAMETER (mm)		M6	M8	M10	M12	M16	M20
PROOF LOAD (kN)	MIN	14.1	25.6	40.6	59.0	109.7	171.4
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

STAINLESS STEEL 316

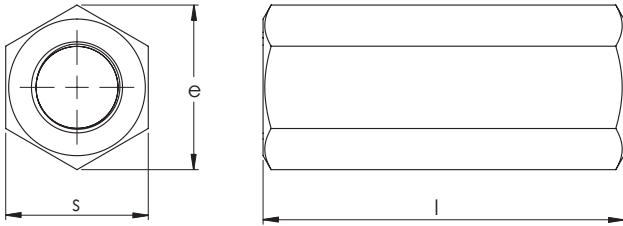
DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
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316 is a Marine Grade SS – It contains 2-3% Molybdenum which provides highest possible corrosion protection than 304 Stainless steel.

Bremick® 316 Stainless Steel provides the ultimate level of protection and is recommended for external application and marine environments.

Ultimate

DIMENSIONAL DATA (mm)



DIAMETER	PITCH (mm)	ACROSS FLATS (s)		ACROSS CORNERS (e)		LENGTH (l)	
		MIN	MAX	MIN		MAX	
M6	1.00	9.78	10.00	11.05		18.00	
M8	1.25	12.73	13.00	14.38		24.00	
M10	1.50	16.73	17.00	18.90		30.00	
M12	1.75	18.67	19.00	20.10		36.00	
M16	2.00	23.67	24.00	26.75		48.00	
M20	2.50	29.16	30.00	32.95		60.00	

SOCKET OR SPANNER SIZE (mm)

NUT DIAMETER	M6	M8	M10	M12	M16	M20
SPANNER SIZE	10	13	17	19	24	30

NOTE: Minimum thread engagement should equal 1 x diameter