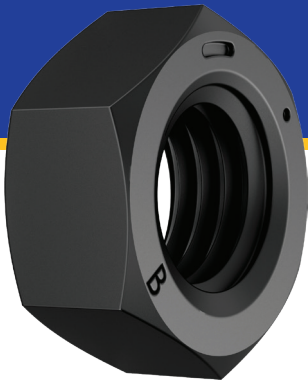


HEX NUT GRADE 8 UNC

APPLICATION

Bremick® Hex Nuts UNC Grade 8 are designed for industrial and construction applications where high tensile superior performance is required

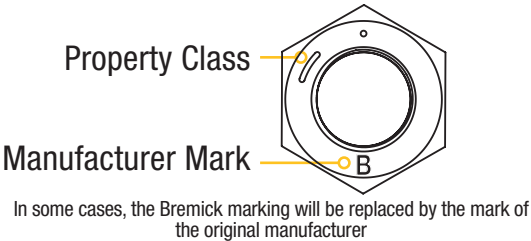
BLACK



PRODUCT ATTRIBUTES

Material Class:	Carbon Steel Grade 8
Thread Form:	Class 2B
Finish:	Plain/Black/Natural
Standard:	Complies to ASME B18.2.2:2022
Mechanical Properties:	Complies to ASTM A563:2024
Chemical Composition:	Complies to ASTM A563:2024

MARKING



MECHANICAL PROPERTIES

PROOF LOAD (ksi)	HARDNESS	
	ROCKWELL	BRINELL
	RANGE	RANGE
NOM		
90	B68-C32	116-302

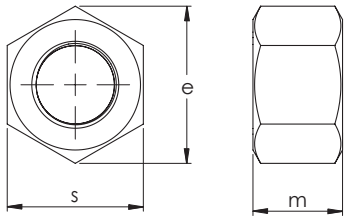
CHEMICAL COMPOSITION (%)

MATERIAL	C	P	S
	MAX	MAX	MAX
CARBON STEEL	0.55	0.12	0.15

FINISH INFORMATION

PLAIN / BLACK / NATURAL		
DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
Plain, Black & Natural are all terms referring to the fastener not having a coating applied. The product has a light oil added.	Plain or uncoated fasteners offer no corrosion protection they are supplied lightly oiled to inhibit the rust process prior to installation and help during installation.	—

DIMENSIONAL DATA (inches)



DIAMETER	TPI	ACROSS FLATS (s)		ACROSS CORNERS (e)		NUT HEIGHT (m)	
	UNC	MIN	MAX	MIN	MAX	MIN	MAX
1 3/4	5	2.538	2.625	2.893	3.031	1.460	1.553
2	4.5	2.900	3.000	3.306	3.464	1.675	1.763
2 1/2	4	3.625	3.750	4.133	4.330	2.105	2.209

SOCKET OR SPANNER SIZE (inches)

BOLT DIAMETER	1 3/4	2	2 1/2
SPANNER SIZE	2 5/8	3	3 3/4

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Bremick Pty Ltd
Head Office | 88 Dalmeny Avenue, Rosebery 2018
National Distribution Centre | M5/M7 Logistics Park,
Warehouse 4B, 290 Kurrajong Road, Prestons NSW 2170
www.bremick.com.au