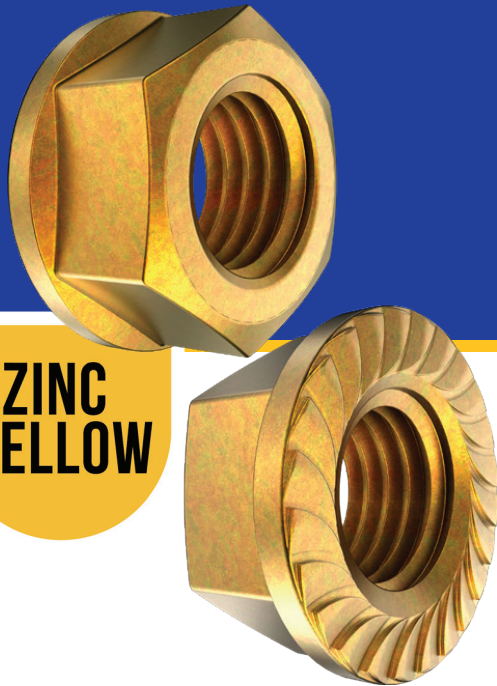


FLANGE SERRATED
LOCK NUT
GRADE 2 UNC



ZINC
YELLOW

APPLICATION

Bremick® Serrated Flange Nuts have a flanged surface which acts like a washer to distribute the clamp force over a bigger area. The serrations help resist loosening by biting into the material being clamped

PRODUCT ATTRIBUTES

Material Class:	Carbon Steel Grade 2
Thread Form:	Class 2B
Finish:	Zinc Yellow Passivate
Standard:	Complies to ASME B18.2.2:2022
Mechanical Properties:	Complies to SAE J995:2017
Chemical Composition:	Complies to SAE J995:2017

MECHANICAL PROPERTIES

DIAMETER (inches)		1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4
PROOF LOAD (lb)	MIN	2826	4716	6875	9567	12771	16380	20340	29790
PROOF LOAD STRESS (PSI)	RANGE	90000							
HARDNESS	ROCKWELL (HRC)	MAX	32						

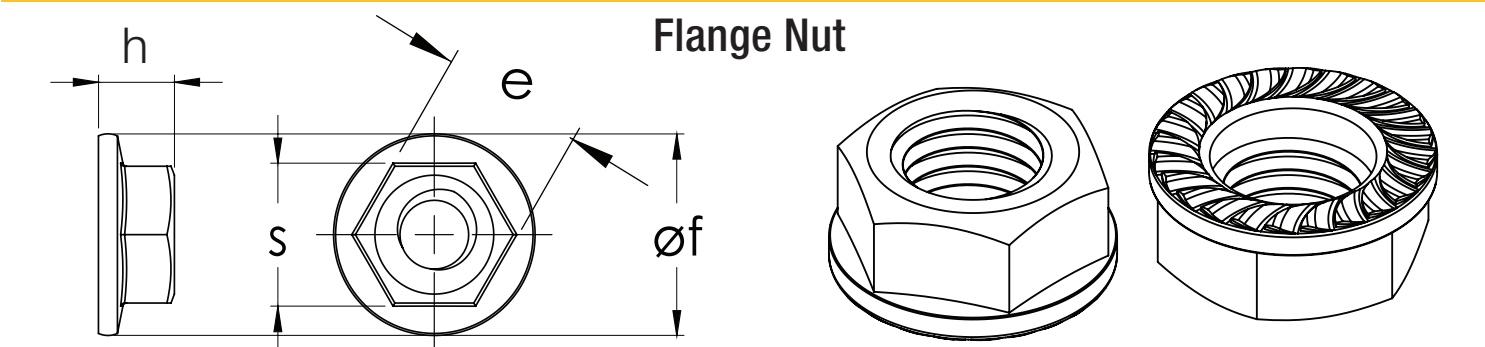
CHEMICAL COMPOSITION (%)

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

FINISH INFORMATION

ZINC YELLOW PASSIVATE		
DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
Zinc Yellow Passivate is a process of depositing a thin layer of zinc onto the surface of a steel object through electroplating. The steel object is then passivated with a yellow conversion layer.	Bremick® Zinc Yellow Passivate Coating provides a low level of corrosion protection and is recommended for dry internal application. Bremick® Zinc Yellow Passivation complies with AS1789.	Low.

DIMENSIONAL DATA (inches)



DIAMETER		ACROSS FLATS (s)		ACROSS CORNERS (e)		NUT THICKNESS (h)		FLANGE DIAMETER (f)	
NOMINAL		MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1/4		0.428	0.438	0.488	0.505	0.574	0.594	0.222	0.236
5/16		0.489	0.500	0.557	0.577	0.660	0.680	0.268	0.283
3/8		0.551	0.562	0.628	0.650	0.728	0.750	0.330	0.347
7/16		0.675	0.688	0.768	0.794	0.910	0.937	0.375	0.395
1/2		0.736	0.750	0.840	0.866	1.000	1.031	0.437	0.458
9/16		0.861	0.875	0.982	1.010	1.155	1.188	0.483	0.506
5/8		0.922	0.938	1.051	1.083	1.248	1.281	0.545	0.569
3/4		1.088	1.125	1.240	1.299	1.460	1.500	0.627	0.675

SOCKET OR SPANNER SIZE (inches)

NUT DIAMETER	5/16	3/8	7/16	1/2	9/16	5/8	3/4
SPANNER SIZE	0.5	0.562	0.688	0.75	0.875	0.938	1.125