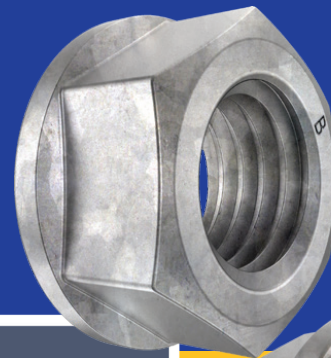


FLANGE SERRATED LOCK NUT CLASS 6 METRIC



**HOT DIPPED
GALVANISED**



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 Class 6

Thread Form: 6H

Finish: Hot Dipped Galvanised

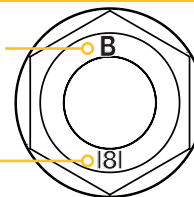
Standard: Complies to ISO 4161:2012

Mechanical Properties: Complies to ISO 898-2:2022

Chemical Composition: Complies to ISO 898-2:2022

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)		M5	M6	M8	M10	M12	M14	M16	M20	
PROOF LOAD (N)		MIN	9500	13500	24900	39400	59000	80500	109900	176400
STRESS UNDER PROOF LOAD (MPa)		MIN	680		705		710			740
HARDNESS	VICKERS (HV)	RANGE	150-334							170-334

CHEMICAL COMPOSITION (%)

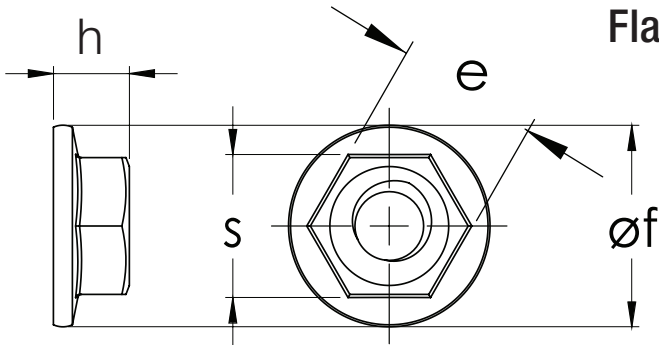
MATERIAL	C		Mn	P	S	TEMPERING TEMPERATURE °C
	MIN	MAX	MAX	MAX	MAX	MIN
CARBON STEEL	0.06	0.58	0.25	0.060	0.15	-

FINISH INFORMATION

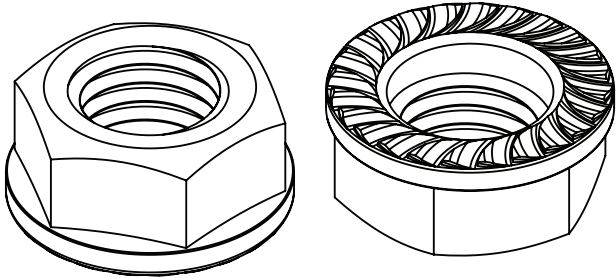
HOT DIPPED GALVANISED

DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
Hot Dipped Galvanised is a process of dipping a steel object into a molten bath of zinc (455° - 480°C). The molten zinc adheres to the anchor surface covering all the corners and edges.	Bremick® Hot Dipped Galvanised Coating provides a moderate/high level of corrosion protection and is recommended for damp external application. Bremick® Hot Dipped Galvanising complies with AS/NZS 1214.	Moderate/High.

DIMENSIONAL DATA (mm)



Flange Nut



DIAMETER	PITCH (mm)	ACROSS FLATS (s)		ACROSS CORNERS (e)	NUT THICKNESS (h)		FLANGE DIAMETER (f)
		MIN	MAX		MIN	MAX	
NOMINAL	NOMINAL			MIN			MAX
M5	0.80	7.78	8.00	8.79	4.70	5.00	11.8
M6	1.00	8.78	10.00	11.05	5.70	6.00	14.2
M8	1.25	12.73	13.00	14.38	7.64	8.00	17.9
M10	1.50	14.73	15.00	16.64	9.64	10.00	21.8
M12	1.75	17.73	18.00	20.03	11.57	12.00	26.0
M14	2.00	20.67	21.00	23.36	13.30	14.00	29.9
M16	2.00	23.67	24.00	26.75	15.30	16.00	34.5
M20	2.50	29.16	30.00	32.95	18.70	20.00	42.8

SOCKET OR SPANNER SIZE (mm)

NUT DIAMETER	M5	M6	M8	M10	M12	M14	M16	M20
SPANNER SIZE	8	10	13	15	18	21	24	30

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