

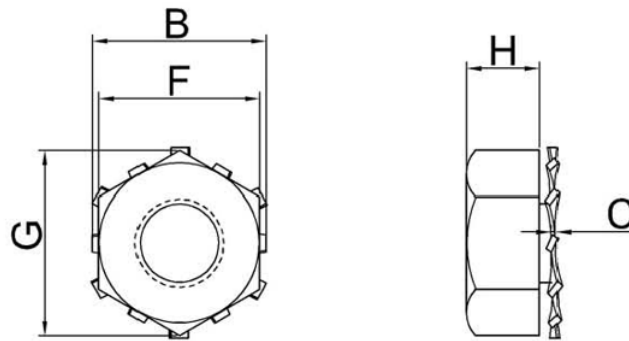
PRODUCT DATA SHEET

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K-Lock Nuts - Metric Series

1.0 Dimensions: Per Manufacturers Specification

2.0 Key Dimensions



2.1 Key Dimensions Table

Thread Size	Width Across Flats		Width Across Corners	Nut Height		Washer O.D.		Washer Thickness	
	F		G	H		B		C	
	Minimum	Maximum	Minimum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
M3	5.32	5.50	6.01	2.15	2.40	7.00	7.20	0.35	0.45
M4	6.78	7.00	7.66	2.90	3.20	7.90	8.10	0.45	0.55
M5	7.78	8.00	8.79	3.70	4.00	9.10	9.30	0.45	0.55
M6	9.78	10.00	11.05	4.70	5.00	10.85	11.15	0.55	0.65
M8	12.73	13.00	14.38	6.14	6.50	14.70	15.10	0.65	0.75
M10	16.73	17.00	18.90	7.64	8.00	18.60	19.00	0.73	0.87
M12	18.67	19.00	21.10	9.64	10.00	21.60	22.00	0.93	1.07

Notes:

- 1) All dimensions in millimeters.
- 2) Thread tolerance: 6H. For a detailed explanation of thread tolerances and dimensions for all thread sizes, refer to the Product Data Sheet on "Thread Details Metric Series".
- 3) BBI stocks most sizes and in coarse threads. If we do not stock a size, it is available through our Mill department.
- 4) Dimensions are to manufacturer's specification. There is no DIN or ISO standard for these nuts.



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3.0 Mechanical Properties:

A detailed explanation of the metric property class designations for various types of fasteners can be found in the Product Data Sheet (PDS) titled "Property Classes Metric Series".

3.1 Steel: Standard ISO 898-2 Property Class 8

Notes:

- 1) BBI currently stocks property classes 8 nuts in coarse threads and in most sizes. Requirements for other property classes and fine thread sizes can be made and supplied through our Mill department.
- 2) Manufacturers do not routinely perform nut hardness and proof load on these nuts.

4.0 Surface Finish:

Steel: Zinc Plated. Cr+3 zinc plating per ASTM F1941/F1941M Fe/Zn3AN (3 microns / 0.0001")