



# Nuts - Hexagonal - Titanium - Ti-Gr5/Ti-6Al4v

10/4/2018

# Indicates item not stocked at time of printing - Please enquire for lead time

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MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

## INFORMATION

Metric. Grade 5 6Al-4V is a high strength titanium alloy. Tensile Strength 91.5kgf / mm<sup>2</sup>. Yield Strength 84.5kgf / mm<sup>2</sup>. Elongation 10 Percent.

Note! Thickness (H) and A/F (A) dimensions are usually considered not critical and may vary. Used in critical aircraft structural components. UNS R56400.

If the A and H dimensions are critical for your application please consult us prior to ordering.

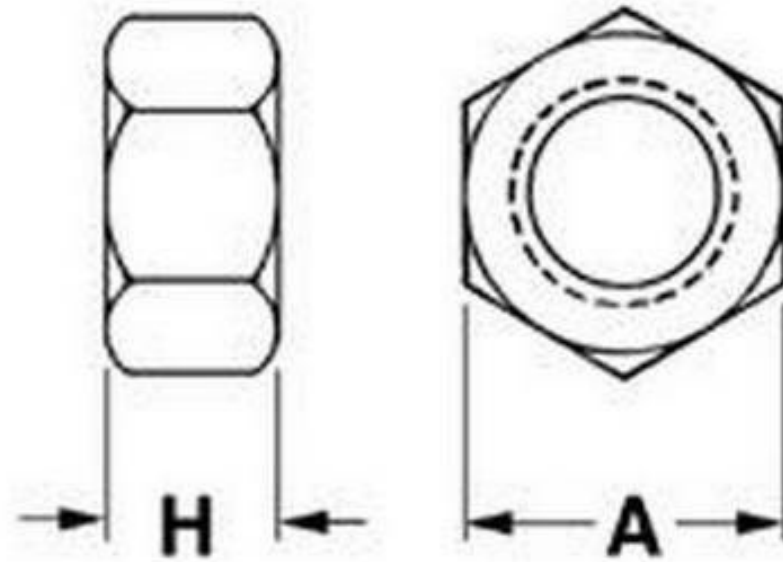
Composition Percentage: Al 5.5-6.75, V 3.5-4.5, N 0.05, C 0.08, H 0.015, Fe 0.40, O 0.2, Ti Balance

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Part Number	Thread Size	Thickness (H) mm	Width Across Flats (A) mm	Material	Type	Pitch mm
		<i>inches</i>	<i>inches</i>			<i>inches</i>
# NT050M-HX-T6A	M5x0.8 (5mm Standard)	4.00 <i>0.157</i>	8.00 <i>0.315</i>	Titanium	Hex Nut	0.800 <i>0.031</i>
# NT060M-HX-T6A	M6x1 (6mm Standard)	5.00 <i>0.197</i>	10.00 <i>0.394</i>	Titanium	Hex Nut	1.000 <i>0.039</i>
# NT080M-HX-T6A	M8x1.25 (8mm Standard)	6.50 <i>0.256</i>	13.00 <i>0.512</i>	Titanium	Hex Nut	1.250 <i>0.049</i>
# NT100M-HX-T6A	M10x1.5 (10mm Standard)	8.00 <i>0.315</i>	17.00 <i>0.669</i>	Titanium	Hex Nut	1.500 <i>0.059</i>
# NT120M-HX-T5	M12x1.75 (12mm Standard)	10.60 <i>0.417</i>	19.00 <i>0.748</i>	Titanium Ti-Gr5/Ti-6Al4v	Standard	1.750 <i>0.069</i>

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