



| ALUMINUM FINISHED HEX NUTS | | | | | | | | | | ASME B18.2.2--2010 |
|---|--------|--------------------|-------|-------|----------------------|-------|-----------------------|-------|-------|--------------------|
| Nominal or Basic Major Diameter of Thread | | F | | | G | | H | | | |
| | | Width Across Flats | | | Width Across Corners | | Thickness of Hex Nuts | | | |
| | | Basic | Max | Min | Max | Min | Basic | Max | Min | |
| 1/4 | 0.2500 | 7/16 | 0.438 | 0.428 | 0.505 | 0.488 | 7/32 | 0.226 | 0.212 | |
| 5/16 | 0.3125 | 1/2 | 0.500 | 0.489 | 0.577 | 0.557 | 17/64 | 0.273 | 0.258 | |
| 3/8 | 0.3750 | 9/16 | 0.562 | 0.551 | 0.650 | 0.628 | 21/64 | 0.337 | 0.320 | |
| 7/16 | 0.4375 | 11/16 | 0.688 | 0.675 | 0.794 | 0.768 | 3/8 | 0.385 | 0.365 | |
| 1/2 | 0.5000 | 3/4 | 0.750 | 0.736 | 0.866 | 0.840 | 7/16 | 0.448 | 0.427 | |
| 9/16 | 0.5625 | 7/8 | 0.875 | 0.861 | 1.010 | 0.982 | 31/64 | 0.496 | 0.473 | |
| 5/8 | 0.6250 | 15/16 | 0.938 | 0.922 | 1.083 | 1.051 | 35/64 | 0.559 | 0.535 | |
| 3/4 | 0.7500 | 1-1/8 | 1.125 | 1.088 | 1.299 | 1.240 | 41/64 | 0.665 | 0.617 | |

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| Description | A six-sided internally threaded fastener whose thickness is .875 D where D is the nominal nut size and 1.5D is their width across the flats, made from aluminum. |
| Applications/ Advantages | The most versatile and widely used nut design. Aluminum nuts are for use with any aluminum bolt or screw with a specified minimum tensile strength of 42,000 psi or less. |
| Material | 6061-T6 Aluminum Alloy |
| Proof Load | 42,000 psi. |
| Plating | Parts are typically supplied without additional finishes |