



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	

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