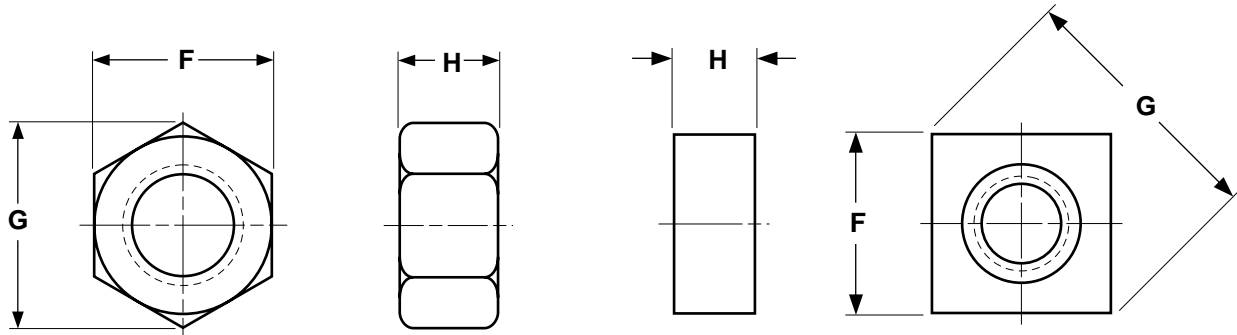


SMALL PATTERN HEX MACHINE SCREW NUTS									ANSI/ASME B18.6.3
Nominal Size or Basic Thread Diameter		F			G1		H		
		Width Across Flats			Width Across Corners		Thickness		
		Basic	Max	Min	Max	Min	Max	Min	
4	0.1120	3/16	0.188	0.180	0.217	0.205	0.066	0.057	
5	0.1250	1/4	0.250	0.241	0.289	0.275	0.098	0.087	
6	0.1380	1/4	0.250	0.241	0.289	0.275	0.098	0.087	
8	0.1640	1/4	0.250	0.241	0.289	0.275	0.098	0.087	
8	0.1640	5/16	0.312	0.302	0.361	0.344	0.114	0.102	
10	0.1900	1/4	0.250	0.241	0.289	0.275	0.098	0.087	
10	0.1900	5/16	0.312	0.302	0.361	0.344	0.114	0.102	

Description	Similar in design to standard hex machine screw nuts but with smaller widths across the flats and across the corners.
Applications/ Advantages	Designed to be used with machine screws in areas where there is limited space for wrenching. Stainless nuts are used with stainless machine screws where parts are subject to corrosive conditions.
Material	Steel: Any low carbon steel Stainless: 18-8 stainless steel
Plating	See Appendix-A for information about the plating of steel machine screw nuts..



SQUARE AND HEX MACHINE SCREW NUTS											ANSI/ASME B18.6.3
Nominal Size or Basic Thread Diameter		F			G		G1		H		
		Width Across Flats			Width Across Corners				Thickness		
		Basic	Max	Min	Square		Hex				
					Max	Min	Max	Min	Max	Min	
0	0.0600	5/32	0.156	0.150	0.221	0.206	0.180	0.171	0.050	0.043	
1	0.0730	5/32	0.156	0.150	0.221	0.206	0.180	0.171	0.050	0.043	
2	0.0860	3/16	0.188	0.180	0.265	0.247	0.217	0.205	0.066	0.057	
3	0.0990	3/16	0.188	0.180	0.265	0.247	0.217	0.205	0.066	0.057	
4	0.1120	1/4	0.250	0.241	0.354	0.331	0.289	0.275	0.098	0.087	
5	0.1250	5/16	0.312	0.302	0.442	0.415	0.361	0.344	0.114	0.102	
6	0.1380	5/16	0.312	0.302	0.442	0.415	0.361	0.344	0.114	0.102	
8	0.1640	11/32	0.344	0.332	0.486	0.456	0.397	0.378	0.130	0.117	
10	0.1900	3/8	0.375	0.362	0.530	0.497	0.433	0.413	0.130	0.117	
12	0.2160	7/16	0.438	0.423	0.619	0.581	0.505	0.482	0.161	0.148	
1/4	0.2500	7/16	0.438	0.423	0.619	0.581	0.505	0.482	0.193	0.178	
5/16	0.3125	9/16	0.562	0.545	0.795	0.748	0.650	0.621	0.225	0.208	
3/8	0.3750	5/8	0.625	0.607	0.884	0.833	0.722	0.692	0.257	0.239	

Description	<p>Hex Machine Screw Nut: A six-sided internally threaded fastener with flat tops and chamfered corners. Threads shall be Unified Standard, Class 2B.</p> <p>Square Machine Screw Nut: A four-sided, internally threaded fastener, tops and bottoms flat, without chamfer. Threads shall be Unified coarse thread, Class 2B.</p>
Applications/ Advantages	<p>Hex Machine Screw Nut: Designed to be used specifically with machine screws. Stainless nuts are used with stainless machine screws where parts are subject to corrosive conditions.</p> <p>Square Machine Screw Nut: Offers a greater bearing surface for wrenching.</p>
Material	<p>Steel: Any low carbon steel</p> <p>Stainless: 18-8 stainless steel</p>
Plating	See Appendix-A for plating information.