



"K" LOCK NUTS											Shakeproof* #501-01
Nominal Size or Basic Thread Diameter		F			G		H		I		
		Width Across Flats			Width Across Corners		Thickness		Washer Diameter		
		Basic	Max	Min	Max	Min	Max	Min	Max	Min	
4	0.1120	1/4	0.250	0.241	0.289	0.275	0.098	0.087	0.286	0.277	
5	0.1250	5/16	0.312	0.302	0.361	0.344	0.114	0.102	0.348	0.338	
6	0.1380	5/16	0.312	0.302	0.361	0.344	0.114	0.102	0.348	0.338	
6 SP	0.1380	1/4	0.250	0.241	0.289	.0275	0.098	0.087	0.287	0.277	
8	0.1640	11/32	0.344	0.332	0.397	0.378	0.130	0.117	0.381	0.370	
8 SP	0.1640	5/16	0.312	0.302	0.361	0.344	0.114	0.102	0.348	0.338	
10	0.1900	3/8	0.375	0.362	0.433	0.413	0.130	0.117	0.406	0.395	
12	0.2160	7/16	0.438	0.423	0.505	0.482	0.161	0.148	0.506	0.494	
1/4	0.2500	7/16	0.438	0.423	0.505	0.482	0.193	0.178	0.506	0.494	
5/16	0.3125	1/2	0.500	0.489	0.577	0.557	0.273	0.258	0.592	0.579	
3/8	0.3750	9/16	0.562	0.551	0.650	0.628	0.385	0.365	0.665	0.651	
1/2	0.5000	3/4	0.750	0.736	0.866	.840	0.437	0.425	0.898	0.878	

*SP" denotes a "small pattern" across the flats

*Shakeproof standard #501-01 does not specify dimensions for the #5, #8 SP, and 1/2" diameters.

Description	A hex nut pre-assembled with a free spinning external tooth lock washer. The locking action is achieved when the nut is tightened against a bearing surface as the teeth of the lock washer dig into it.
Applications/Advantages	This is the most popular type of locknut because of its versatility, cost and ease of installation. Doesn't gall screw threads.
Material	Steel: Nuts-- AISI 1008-1020 or equivalent steel; Washers-- 1050-03 or equivalent steel. Stainless: Nuts-- One of the following austenitic alloys: 303, 303Se, 304, XM7; Washers-- SAE 300-305 stainless.
Hardness	Steel: Washers-- Rockwell C38 minimum, C44 maximum Stainless: Washers-- Rockwell C20 - 45
Plating	See Appendix-A for information about the plating of steel nuts.

*Shakeproof is the original writer of K-lock nut specifications.