



SERRATED LARGE FLANGE HEX LOCK NUTS

Nominal Size or Basic Major Diameter of Thread		F		B		H	
		Width Across the Flats		Flange Diameter		Nut Thickness	
		Max	Min	Max	Min	Max	Min
1/4	0.2500	.437	.428	.728	.687	.312	.281
5/16	0.3125	.500	.489	.823	.790	.375	.343
3/8	0.3750	.562	.551	.915	.884	.406	.390
1/2	0.5000	.750	.736	1.205	1.171	.515	.485

Description	Hex nut with a circular base flaring out from the bottom of the nut that is 6% to 25% wider than the flange of a standard serrated flange nut. The bearing surface of the flange has serrations which displace material on the mating surface when the nut is wrenched into place, forming a connection that resists loosening.
Applications/Advantages	Offers the same advantages of the standard serrated flange lock nut, including reusability, but will span even larger holes. Also has a more uniform bearing-stress to clamp-force ratio than the standard serrated flange nut.
Material	Low carbon steel
Hardness	Rockwell C40 minimum
Plating	See Appendix-A for plating information