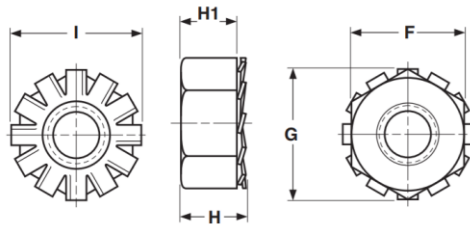


Metallics

An **AMERICAN** Source For Premier
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HEX LOCK NUTS –STEEL ZINC AND 18-8 STAINLESS STEEL

The following Specification Sheet applies to all **Hex Lock Nuts – Steel Zinc and 18-8 Stainless Steel** in our **JTLN series**.



LOCK NUTS										
Nominal Size or Basic Thread Diameter		F			G		H1		I	
		Width Across Flats			Width Across Corners		Nut Thickness		Washer Diameter	
		Basic	Max	Min	Max	Min	Max	Min	Max	Min
6	0.1380	5/16	0.312	0.302	0.361	0.344	0.114	0.102	0.348	0.338
8	0.1640	11/32	0.344	0.332	0.397	0.378	0.130	0.117	0.381	0.370
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	0.337	0.320	0.665	0.651

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	<i>Steel:</i> Nuts-- AISI 1008-1020 or equivalent steel; Washers-- 1050-03 or equivalent steel. <i>Stainless:</i> Nuts-- One of the following austenitic alloys: 302, 303, 303Se, 304, XM7; Washers-- 420 stainless.
Hardness	<i>Steel:</i> Washers-- Rockwell C38 minimum, C44 maximum <i>Stainless:</i> Washers-- Rockwell C40 - 50
Plating	See Appendix-A for information about the plating of steel nuts.

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