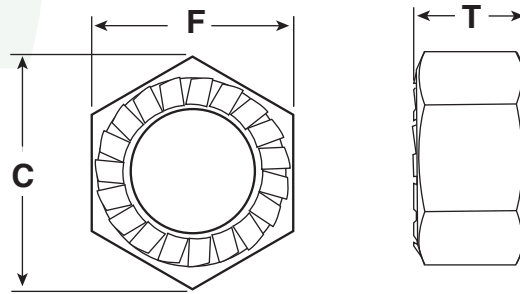


## NUTS

Case Hardened Steel Zinc

## DOUBLE SERRATED HEX



## DOUBLE SERRATED HEX LOCK NUTS

Nominal Diameter & Threads per Inch	F		C		T	
	Width Across Flats		Width Across Corners		Total Thickness	
	Max	Min	Max	Min	Max	Min
8-32	.344	.332	.486	.456	.130	.117
10-24	.375	.362	.530	.497	.130	.117
10-32	.375	.362	.530	.497	.130	.117
1/4-20	.438	.423	.619	.581	.193	.178
5/16-18	.500	.489	.577	.557	.273	.258
3/8-16	.563	.551	.650	.628	.337	.320
1/2-13	.750	.736	.866	.840	.448	.427

<b>Description</b>	Hex nut with both bearing surfaces (on the "flats" of the nut) having serrations. These serrations displace material on the mating surface when the nut is wrenched into place, forming a connection which resists loosening.
<b>Applications / Advantages</b>	Serrated lock nuts offer effective resistance against vibration which can loosen the fastening. Preferred over flange style serrated lock nuts in applications with limited clearance area.
<b>Material</b>	Nuts shall be made from a steel which conforms to the following chemical composition requirements (heat analysis)-- <b>Carbon:</b> 0.55% maximum; <b>Phosphorus:</b> 0.12% maximum; <b>Sulfur:</b> 0.015% maximum.
<b>Surface Hardness</b>	Rockwell C45 min.
<b>Core Hardness</b>	Rockwell C32 max.
<b>Proof Load</b>	<b>Coarse thread:</b> 90,000 psi. min. <b>Fine thread:</b> 74,000 psi. min.
<b>Plating</b>	See Appendix-A for plating information