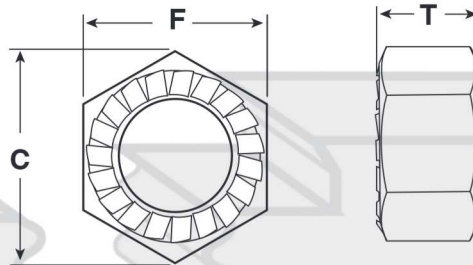


Case Hardened Steel Zinc

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

Description	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.
Applications / Advantages	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.
Material	Nuts shall be made from a steel which conforms to the following chemical composition requirements (heat analysis)-- Carbon: 0.55% maximum; Phosphorus: 0.12% maximum; Sulfur: 0.015% maximum.
Surface Hardness	Rockwell C45 min.
Core Hardness	Rockwell C32 max.
Proof Load	Coarse thread: 90,000 psi. min. Fine thread: 74,000 psi. min.
Plating	See Appendix-A for plating information