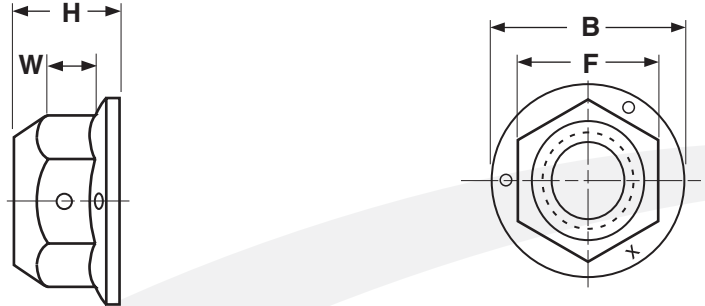


# NUTS

## REGULAR FLANGE NUTS

Center Lock, Grade F



REGULAR FLANGE CENTER LOCKNUTS, GRADE F							Aztech*
Nominal Size and Thread Pitch	F		B	W	H		
	Width Across Flats		Flange Diameter	Wrench Height	Total Thickness		
	Max	Min	Max	Min	Max	Min	
1/4-20	0.438	0.428	0.594	0.14	0.234	0.223	
5/16-18	0.502	0.489	0.680	0.17	0.281	0.268	
3/8-16	0.562	0.551	0.750	0.23	0.347	0.330	
1/2-13	0.750	0.736	1.031	0.31	0.458	0.437	
5/8-11	0.938	0.922	1.281	0.40	0.569	0.545	

<b>Description</b>	A hex nut with two or three, round or rectangular indentations, compressed onto the flat sides of the nut equidistant from each other and an enlarged circular base flaring out from the bottom of the nut. The compressions create slightly distorted center threads resulting in a controlled locking action when the threads of the mating part become engaged.
<b>Applications/ Advantages</b>	This is usually a more inexpensive prevailing torque type of nut, designed for use with steel bolts and screws of a tensile strength not greater than 120,000 psi. It creates a locking action even without being fully threaded onto its mating screw.
<b>Material</b>	SAE 1010 or equivalent steel
<b>Hardness</b>	Rockwell C28 maximum
<b>Proof Load</b>	120,000 psi.
<b>Plating</b>	See Appendix-A for plating information.

\*Aztech is the author of these flange center lock nut specifications.