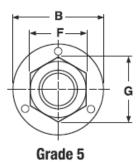
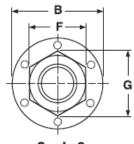


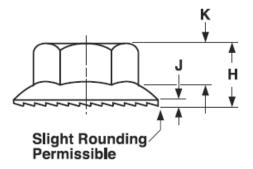
Serrated Flange Nuts

Grade 5 & 8





Grade 8



SEDDATED HEY ELANCE LOCK NUTS (EDADES 6 X 8										IFI-145 2002*	
Nominal Size or Basic Major Diameter of Thread		F		G		В		н		к	J
		Width Across Flats		Width Across Corners		Flange Diameter		Nut Thickness		Wrenching Height	Flange Thickness
		Max	Min	Max	Min	Max	Min	Max	Min	Min	Min
10	0.1900	0.375	0.365	0.433	0.416	0.500	0.480	0.219	0.203	0.13	0.03
1/4	0.2500	0.438	0.428	0.505	0.488	0.594	0.574	0.236	0.222	0.14	0.04
5/16	0.3125	0.500	0.489	0.577	0.557	0.680	0.660	0.283	0.268	0.17	0.04
3/8	0.3750	0.562	0.551	0.650	0.628	0.750	0.728	0.347	0.330	0.23	0.04
7/16	0.4375	0.688	0.675	0.794	0.768	0.937	0.910	0.395	0.375	0.26	0.04
1/2	0.5000	0.750	0.736	0.866	0.840	1.031	1.000	0.458	0.437	0.31	0.05
5/8	0.6250	0.938	0.922	1.083	1.051	1.281	1.248	0.569	0.545	0.40	0.05
3/4	0.7500	1.125	1.088	1.299	1.240	1.500	1.460	0.675	0.627	0.46	0.06

Description	Description Hex nut with an enlarged circular base flaring out from the bottom of the nut. The bearing surface of the flange hon the mating surface when the nut is wrenched into place, forming a connection which results are appreciated when the nut is wrenched into place.						
Applications/ Advantages	Requires a greater amount of torque to loosen than to tighten the nut. Will span oversized or poorly aligned holes. Flange provides a more uniform bearing-stress to clamp-force ratio than other low carbon lock nuts. Does not gall screw threads. Grade 5 nuts are designed to be used with Grade 5 screws and bolts; Grade 8 nuts are designed to be used with Grade 8 screws and bolts.						
	Grade 5	Grade 8					
Material	Nuts shall be made from a carbon steel which conforms to the following chemical composition requirements <i>Carbon</i> : 0.55% max.; <i>Manganese</i> : 0.30% min.; <i>Phosphorus</i> : 0.05% max.; <i>Sulfur</i> : 0.15% max.	Nuts shall be made from a carbon steel which conforms to the following chemical composition requirements <i>Carbon</i> : 0.55% max.; <i>Manganese</i> : 0.30% min.; <i>Phosphorus</i> : 0.04% max.; <i>Sulfur</i> : 0.05% max.					
Proof Load	Coarse thread: 120,000 psi.; Fine thread: 109,000 psi.	Coarse thread: 150,000 psi.; Fine thread: 150,000 psi.					
Hardness	Rockwell 32 HRC max	1/4 thru 5/8" diameters: 24 - 32 HRC Over 5/8 thru 1" diameters: 26 - 34 HRC					
Plating	Grade 5 Flange Nuts are usually supplied in zinc finish	Grade 8 Flange Nuts are usually supplied in zinc yellow finish					