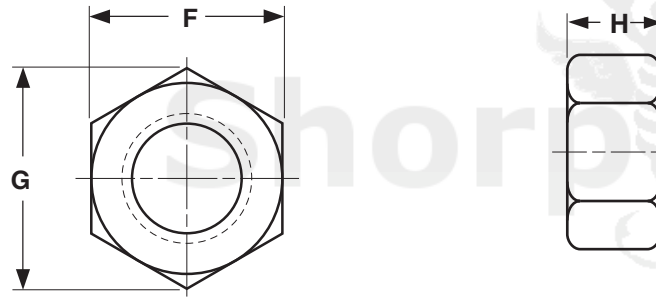


Steel **HEAVY HEX JAM**



HEAVY HEX JAM NUTS							ASME B18.2.2 2010
Nominal Size	F		G		H		
	Width Across Flats		Width Across Corners		Thickness		
	Max	Min	Max	Min	Max	Min	
1/4	.500	.488	.577	.556	.188	.156	
5/16	.562	.546	.650	.622	.220	.186	
3/8	.688	.669	.794	.763	.252	.216	
7/16	.750	.728	.866	.830	.285	.247	
1/2	.875	.850	1.010	.969	.317	.277	
9/16	.938	.909	1.083	1.037	.349	.307	
5/8	1.062	1.031	1.227	1.175	.381	.337	
3/4	1.250	1.212	1.443	1.382	.446	.398	
7/8	1.438	1.394	1.660	1.589	.510	.458	
1	1.625	1.575	1.876	1.796	.575	.519	
1-1/8	1.812	1.756	2.093	2.002	.639	.579	
1-1/4	2.000	1.938	2.309	2.209	.751	.687	
1-3/8	2.188	2.119	2.526	2.416	.815	.747	
1-1/2	2.375	2.300	2.742	2.622	.880	.808	

Description	A six-sided internally threaded fastener which is only 2/3 the thickness of a heavy hex nut.		
Applications / Advantages	Jam nuts are tightened against the work surface and a full heavy hex nut is tightened against the heavy hex jam nut to keep it from loosening.		
Material	Low Carbon Steel	Grade-5 Steel	Grade-8 Steel
	Low carbon steel nuts shall be made from a low carbon steel which conforms to the following chemical composition-- Carbon: 0.47% maximum; Phosphorus: 0.12% maximum; Sulfur: 0.23% maximum	Nuts shall be made from a medium carbon steel which conforms to the following chemical composition requirements-- Carbon: 0.55% maximum; Manganese: 0.30% minimum; Phosphorus: 0.05% maximum; Sulfur: 0.15% maximum.	Nuts shall be made from a high alloy steel which conforms to the following chemical composition requirements-- Carbon: 0.55% maximum; Manganese: 0.30% minimum; Phosphorus: 0.04% maximum; Sulfur: 0.05% maximum.
Hardness	Rockwell C 32 maximum	Rockwell C 32 maximum	1/4 thru 5/8"-- Rockwell C 24-32; Over 5/8 thru 1"-- Rockwell C 26-34; Over 1 thru 1 1/2"-- Rockwell C 26-36
Proof Load	Coarse thread: 54,000 psi.; Fine thread: 48,000 psi.	(1/4 thru 1") : Coarse thread: 72,000 psi.; Fine thread: 65,000 psi. (over 1" thru 1 1/2") : Coarse thread: 63,000 psi.; Fine thread: 57,000 psi.	Coarse thread: 90,000 psi.; Fine thread: 90,000 psi.
Plating	Standard finish is clear zinc.		Standard finish is yellow zinc