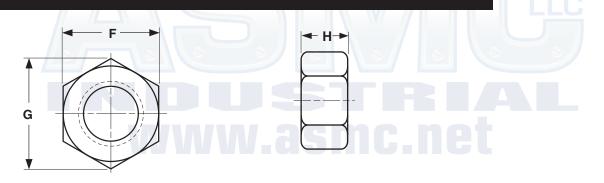
## **Heavy Hex Jam**



HEAVY HEX JAM NUTS ASME B18.2.2 2010						
Nominal Size	F Width Across Flats		G Width Across Corners		H	
	1/4	.500	.488	.577	.556	.188
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	Steel nuts shall be made from a low carbon steel which conforms to the following chemical composition <i>Carbon</i> : 0.47% maximum; <i>Phosphorous</i> : 0.12% maximum; <i>Sulfur</i> : 0.23% maximum			
Hardness	Grade 2: Rockwell C 32 maximum Grade 5: Rockwell C 32 maximum Grade 8: <u>1/4 thru 5/8"</u> Rockwell C 24-32; <u>Over 5/8 thru 1"</u> Rockwell C 26-34; <u>Over 1 thru 1 1/2"</u> Rockwell C 26-36			
Proof Load Grade 2: Coarse thread: 54,000 psi.; Fine thread: 48,000 psi.   Grade 5 (1/4 thru 1"): Coarse thread: 72,000 psi.; Fine thread: 65,000 psi.   Grade 5 (over 1" thru 1 1/2"): Coarse thread: 63,000 psi.; Fine thread: 57,000 psi.   Grade 8: Coarse thread: 90,000 psi.; Fine thread: 90,000 psi.				
Plating	Standard finish is clear zinc.			

**Nuts**