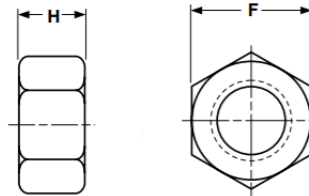


Metallics

An **AMERICAN** Source For Premier
and Innovative Fasteners and Anchors

HEX JAM NUT – STEEL ZINC

The following Specification Sheet applies to all **Hex Jam Nut – Steel Zinc** in our **JN series**.



| Nut Size | Width Across Flats | Height |
|----------|--------------------|--------|
| 1/4" | 7/16" | 5/32" |
| 5/16" | 1/2" | 3/16" |
| 3/8" | 9/16" | 7/32" |
| 7/16" | 11/16" | 1/4" |
| 1/2" | 3/4" | 5/16" |
| 9/16" | 7/8" | 5/16" |
| 5/8" | 15/16" | 3/8" |
| 3/4" | 1-1/8" | 27/64" |
| 7/8" | 1-5/16" | 31/64" |
| 1" | 1-1/2" | 35/64" |

| | |
|----------------------------------|--|
| 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: 0.47% maximum; Phosphorous: 0.12% maximum; Sulfur: 0.23% maximum</i> |
| Hardness | Grade 2: Rockwell C 32 maximum Grade 5: Rockwell C 32 maximum Grade 8: 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 | Grade 2: <u>Coarse thread:</u> 54,000 psi.; <u>Fine thread:</u> 48,000 psi. Grade 5 (1/4 thru 1"): <u>Coarse thread:</u> 72,000 psi.; <u>Fine thread:</u> 65,000 psi. Grade 5 (over 1" thru 1 1/2"): <u>Coarse thread:</u> 63,000 psi.; <u>Fine thread:</u> 57,000 psi. Grade 8: <u>Coarse thread:</u> 90,000 psi.; <u>Fine thread:</u> 90,000 psi. |
| Plating | Standard finish is clear zinc. |

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