

technical threads

Hex Cap Screws, Grade 5

- Material: Medium Carbon Steel
- Material & Mechanical Properties: Purchased to meet SAE J429 Grade 5
- Dimensions: ASME B18.2.1, Rolled Threads
- Domestic 1-3/8 & 1-1/2 diameters are Hex Bolts
- Zinc Plating: Purchased to meet ASTM F1941 FeZn3A
- Typical Hardness: HRC 25-34 on sizes $\frac{1}{4}$ – 1 inch; HRC 19-30 on sizes are 1 to 1-1/2 inches.
- Tensile Strength: 120,000 PSI Minimum on sizes $\frac{1}{4}$ – 1 inch; 105,000 PSI minimum on sizes over 1 to 1-1/2 inches.

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