

# technical threads

## Hex Lag Screws

- Material: Low Carbon Steel
- Material & Mechanical Properties: Purchased to meet SAE J429 Grade 1.
- Dimensions: ASME B18.2.1, Full body, Rolled Threads
- Lag screws longer than 12 inches will have a minimum thread length of 50% of screw length up to a maximum of 8 inches.
- Zinc Plating: Purchased to meet ASTM F1941 FeZn3A
- Hot Dipped Galvanized: Purchased to meet ASTM A153
- Typical Hardness: HRB 70-100
- Tensile Strength of steel (not pull out): 60,000 PSI Minimum (Note lag screws are not tensile tested)
- Information on lag screw strengths in wood can be found at: [www.awc.org](http://www.awc.org)

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