

Heat Treatment Stainless: The austenitic alloys develop their strength through work hardening during the fastener manufacturing process, as seen from the hardness properties below. The only heat treatment normally available on austenitic stainless alloys is annealing, which is done at approximately 1900°F to a dead soft condition and is not normally thermally reversible.

Hardness	Steel: Rockwell B70 - B100. Stainless: 1/4 through 1/2 in. diameter Rockwell B95 - C32.
Tensile Strength	Steel: 60,000 psi. minimum Stainless: 100,000 - 125,000 psi. (approximate)
Minimum Thread Length	The minimum length of thread shall be equal to 1/2 the nominal screw length plus 0.50 in., or 5.00 in., whichever is shorter. Screws too short for this formula shall be threaded as close to the head as practicable.
Plating	See Appendix-A for information on the plating of steel lag bolts.

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