



SAFETY ENGINEERED HOIST RINGS

INSTALLATION DATA

Tap workpiece for Hoist Ring screw with axis perpendicular to mounting surface. The threaded area should be clean, free of oil, grease and metal chips. The mounting surface must be flat and smooth to provide full 360° flush seating for the bushing flange. For installation in ferrous mating material with minimum tensile strength of 180,000 psi, the screw should be tightened to the full recommended torque (+0, - 20%) and for weaker material see safety note 4. After installation, inspect Hoist Ring to be sure that it pivots and swivels freely in all directions.

SAFETY NOTES

1. Apply lifting force gradually. "Avoid Shock Loads." DO NOT load more than the rated capacity.
2. Some loosening may be developed after prolonged service in permanent installation. It is advisable to inspect periodically and retighten the mounting screw. If it is necessary to maintain the specific torque, medium strength loctite may be used to prevent loosening.
3. In heavy usage applications, periodic proof loading to rated load is desirable. (If shock load or accidental overloading occurs, it is recommended that Hoist Rings be replaced).
4. For maximum safety, the tensile strength of the workpiece must be above 80,000 psi. The use of extra length screw is required, if weaker mating material must be used, use a nut on the open end where possible. Inspect and retighten the screw frequently. Regarding the required strength of the mating material, screw length and torque, consult manufacturer when in doubt.
5. The use of free fit spacers between the bushing flange and the mounting surface is not recommended as this will reduce the safety load rating on angularly applied loads.

