



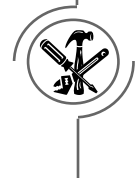
How To Stop Thread Galling On Stainless Fasteners

During fastener tightening, as pressure builds between the contacting and sliding thread surfaces, protective oxides are broken, possibly wiped off, and interface metal high points shear or lock together. This cumulative clogging-shearing-locking action causes increasing adhesion. In the extreme, galling leads to seizing - the actual freezing together of the threads. If tightening is continued, the fastener can be twisted off or its threads ripped out. Lubricating the internal and/or external threads frequently eliminates thread galling. The suggested lubricants should contain substantial amounts of molybdenum disulfide (moly), graphite, mica, or talc.



Product/Service Information

Aluminum Arches



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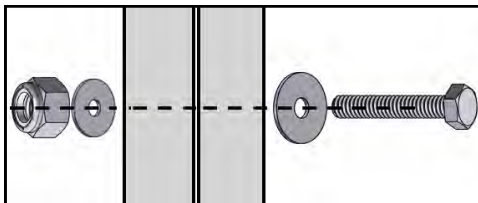
How To install Aluminum Arches

Align the vertical uprights and secure with clamps. Drill through the verticals at the 3 horizontal points and bolt into place.

Use 3 x 1/4" x 3 1/2" hex head bolts - (see #2)

Please Note: If you are installing railing use the rafter as a guide to align the railing

Rafter to vertical upright brace



2

Set in one rafter making sure the rafter posts slide into the posts. Some pressure may be required to tap in the rafter post. Use a lubricant if necessary.

Use 5/16" x 2" bolts (see #1) - continue with rest

Attach the rafter braces using 4 self drilling screws (#3)

Vertical Uprights

