



Tread Galling on Aluminum Spacers

Galling is adhesion between sliding surfaces that can cause friction weld to the adjacent surface. Thread galling is very common when aluminum male and female threads are threaded into each other. Aluminum with irridite or anodize finish is even more susceptible to galling. It is recommended that if aluminum to aluminum must be used then the parts should be unplated to minimize galling. Galling can also be minimized by thread lubrication such as PTFE spray and lowering the wrench speed.

