



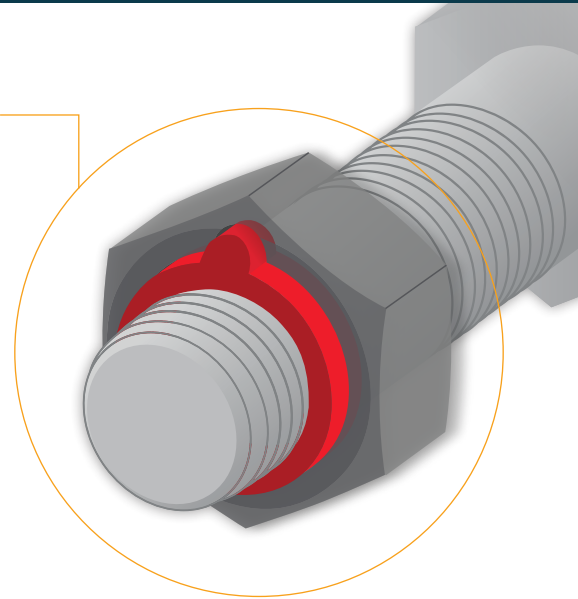
NOTHING PERFORMS BETTER

## ATD PLATING

ATD is a proprietary plating offered on Security Locknut Products. This special plating can be applied to the lock ring or the entire part (nut body and lock ring). ATD is a multi-layered application of a zinc-iron alloy that is thermally diffused into the microstructure of the base steel material using a proprietary process. **ATD is environmentally friendly, heavy metal free, non-toxic and is RoHS compliant to ASTM A1059 A/M specifications.**

### USING ATD COATING ON THE LOCK RING

- Reduces heat transfer which allows for faster, smoother installations without galling or seizing between the mating threads.
- Protects the high stress areas of the lock ring which reduces the potential for corrosion or stress corrosion cracking in extreme environments.
- Allows for increased prevailing lock force on the new Security Locknut “HPT” Series product line
- ATD Plating should be applied to the entire part (nut body and lock ring) when high corrosion and abrasion resistance is required



### CORROSION TEST

- Parts tested in a neutral salt spray chamber per ASTM B117
- Parts removed from cabinet at 5000 hours showing no signs of corrosion