**PROCUREMENT SPEC:**
PROCUREMENT SPECIFICATION = PLT5000, CLASS 5, TYPE V
PART NUMBER ASSIGNMENT = PLT5001
INSTALLATION AND REMOVAL = PLT5002
SPECIAL LUBE AND FINISH = PLT5003

**MATERIAL:**
NUT & SCREW: 6AL-4V TITANIUM PER AMS4928 OR AMS4967.
SLEEVE: 303 OR 304 CORROSION RESISTANT STEEL PER AMS5639 OR AMS5641 OR A286 PER AMS5731, AMS5732, OR AMS5737.
DRIVE NUT: MILD STEEL.

**HEAT TREAT:**
NUT & SCREW: HEAT TREAT TO 95 KSI, FSU.
SLEEVE & DRIVE NUT: AS REQUIRED FOR PERFORMANCE.

**FINISH:**
" - " CODE:
NUT & SCREW: Passivate Per AMS2700.
SLEEVE: Passivate Per AMS2700.
DRIVE NUT: Corrosion Resistant Coating. Color Gray.

"AD" CODE:
NUT: Anodize Per AMS2488, Type II.
SCREW: None.
SLEEVE: Passivate Per AMS2700.
DRIVE NUT: Corrosion Resistant Coating. Color Gray.

**LUBRICANT:**
SOLID DRY FILM LUBE PER THE CHEMICAL REQUIREMENTS OF AS5272 TYPE I, OR EVERLUBE 812 PER MIL-PRF-81329, PARAFFIN WAX OR CETYL ALCOHOL PER AS87132 MAY BE APPLIED TO ANY OR ALL COMPONENTS AS REQUIRED FOR PERFORMANCE. (SEE PLT 5003 FOR SPECIAL LUBRICANTS AND FINISHES).

**PART CODE & EXAMPLE:**
PLT5270 ( ) - 08 - 04

**GENERAL NOTES:**
1. LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT.
2. HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.
   EXAMPLE: PLT5270-06-.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = 0.281" (7.14mm) AND A GRIP RANGE OF .250" THRU .312" (6.35mm THRU 7.92mm).
3. DISTORTION OF "D" DIAMETER SHALL NOT PREVENT INSERTION OF THE FASTENER INTO A RING GAUGE OF LENGTH EQUAL TO ONE DIAMETER AND DIAMETER EQUAL TO MINIMUM RECOMMENDED HOLE SIZE. FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS (22.23 NEWTONS).
4. SECOND DASH NUMBER (GRIP RANGE) -17 THROUGH -32 NOT AVAILABLE IN -05 DIAMETER.
5. HEAD MARKINGS DEPRESSED -.010" (0.254mm MAX.).