APPLICABLE SPECIFICATIONS:

- PROCUREMENT SPECIFICATION: PLT5000, CLASS 5, TYPE V
- INSTALLATION AND REMOVAL: PLT5002
- SPECIAL LUBE AND FINISH: PLT5003

MATERIAL:

- NUT AND SCREW: 6Al-4V TITANIUM ALLOY PER AMS4928 OR AMS4967.
- SLEEVE: CRES 304 OR CRES A286.
- DRIVE NUT: MILD STEEL.

HEAT TREAT:

- NUT AND SCREW: HEAT TREAT TO 95 KSI ULTIMATE SHEAR STRENGTH.
- SLEEVE: AS REQUIRED FOR PERFORMANCE.
- DRIVE NUT: AS REQUIRED FOR PERFORMANCE.

FINISH:

- NUT AND SCREW: PASSIVE PER AMS2700.
- SLEEVE: CORROSION RESISTANT COATING, COLOR GRAY.

LUBRICATION:

- NO CODE ( ):
  - SOLID DRY FILM LUBRICANT PER THE CHEMICAL REQUIREMENTS OF ASS227 TYPE I OR EVERLUBE 812 PER MIL-PRF-81329, PARAFFIN WAX AND/OR CETYL ALCOHOL PER AS87132 MAY BE APPLIED TO ANY OR ALL COMPONENTS AS REQUIRED FOR PERFORMANCE.

- CODE ( AA ):
  - SAME AS NO CODE ( ) EXCEPT: COMPLETE TOP SURFACE OF HEAD OF NUT SHALL BE POWDER BLASTED TO PRODUCE A SURFACE FINISH OF RA 50-80 MICRO-INCHES AFTER ALL MANUFACTURING OPERATIONS.

EXAMPLE PART NUMBER:

<table>
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<tr>
<th>PLT6018 ( )</th>
<th>-08</th>
<th>-04</th>
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- GRIP LENGTHS IN 1/16THS (SEE TABLE II)
- NOMINAL BODY DIAMETER IN 1/32" (SEE TABLE I)
- DESIGNATES SPECIAL FINISH CODE (SEE PLT5003)
- BASIC PART NUMBER, SELF-LOCKING BLIND FASTENER (SEE PLT5001)

GENERAL NOTES:

- LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120 ° APART ON THE PERIPHERY OF THE NUT COMPONENT.
- HALF GRIP SIZES MAY BE ORDERED BY ADDING "5" TO THE GRIP DASH NUMBER.
- EXAMPLE: PLT6018-05-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = .281" [7,14 mm] AND A GRIP RANGE OF .250" [6,35 mm] THRU .312" [7,92 mm].
- "G" TOLERANCES: FOR -05 AND -06 SIZES: +.030/-.010 [+0,762 mm/-0,254 mm].
  - FOR -08 SIZES: +.040/-.010 [+1,016 mm/-0,254 mm].
  - FOR -12 SIZES: +.050/-.010 [+1,270 mm/-0,254 mm].

4. PLT6018-05- ( ) GRIP LENGTH AVAILABILITY LIMITED TO -01 THRU -16.

- DISTORTION OF "D" PERMISSIBLE IN LOCKING AREA. DISTORTION OF "D" SHALL NOT PREVENT INSERTION OF THE FASTENER INTO A RING GAUGE OF LENGTH EQUAL TO ONE DIAMETER AND DIAMETER EQUAL TO MAXIMUM "D" + .001".
- FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS [22.23 N].

- DIMENSIONS "D" AND "E" ARE FOR DESIGN PURPOSES ONLY AND ARE NOT FOR INSPECTION IN ACTUAL APPLICATION.
- HEAD MARKINGS ON NUT DEPRESSED .010 INCH [0,254 mm] MAXIMUM. POSITION OPTIONAL.
- DRIVE NUT NOT SHOWN FOR CLARITY OF HEAD MARKINGS.
- RECESS OR INDENTED HEX IN HEAD OF NUT OPTIONAL.