**PROCUREMENT SPEC:** ESCBB-10.

**MATERIAL:**

- NUT & SCREW: 5% CHROME STEEL (H-11) PER AMS6487.
- SLEEVE: UNS N07750 PER AMS5667 OR AMS5582; OR A286 WITH CHEMISTRY PER AMS5731 AND AMS5734.
- HEAT TREAT: OR SLEEVE: AS REQUIRED FOR PERFORMANCE.
- FINISH: □

- **L CODE**
  - NUT & SCREW: CEMENTED PLATE PER NA672 (0.0003 MIN. THICKNESS) EXCEPT THERMAL INDICATOR MAY BE OMITTED. COLOR: RED
  - SLEEVE: CEMENTED PLATE PER AMS-QP-F-416, TYPE I, CLASS 3, OR TYPE II, CLASS 2
- **L CODE**
  - NUT & SLEEVE: ALUMINUM COAT PER NAS4006.
- SCREW: CEMENTED PLATE PER NA672 (0.0003 MIN. THICKNESS) EXCEPT THERMAL INDICATOR MAY BE OMITTED.

**FINISH:** □

- **GRIP**
  - MIN.
  - MAX.
  - -05 (-)
  - -06 (-)
  - -08 (-)
  - -10 (-)
  - -12 (-)

**GENERAL NOTES:**

1. DIMENSIONS ARE EXCLUSIVE OF LUBRICATION. SI UNIT VALUES ARE REFERENCE CONVERSION VALUES ROUNDED TO ENCOMPASS THE LIMITING ENGLISH UNIT VALUES LISTED.
2. FASTENERS SHALL BE FREE OF ALL LOOSE OR HANGING BURRS.
3. LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT AND APPROXIMATELY .040" (1.02 mm) ABOVE THE 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 STANDARD GRIP LENGTHS ARE AS TABULATED, SHORTER OR LONGER GRIPS THAN THOSE LISTED MAY BE AVAILABLE AS SPECIALS. ON GRIP LENGTHS SHORTER THAN THOSE LISTED, THE BREAKOFF LIMITS AND PREVAILING TORQUES AS TABULATED DO NOT APPLY.
4. **HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.**

- **EXAMPLE:** PLT254-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS (.281" = 7.14 mm). THE GRIP RANGE FOR THESE HALF-GRIP SIZES WILL BE NOMINAL GRIP +.031"/.030 (+.79/.76 mm). THE NOMINAL "G" DIMENSION WILL BE NOMINAL GRIP ±.03 (.079 mm) AND THE OVERALL SCREW LENGTH "L" DIMENSION MAY VARY AT THE MANUFACTURER'S OPTION.
- **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 MAXIMUM "D" +.001". FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS (22.23 NEWTONS).**

**G.MARTINEZ 07-24-13**