### Procurement Spec:

**Procurement Specification:** PLT 5000, Class I, Type I

**Part Number Assignment:** PLT 5001

**Installation and Removal:** PLT 5002

**Special Lube and Finish:** PLT 5003

**Material:**
- **NUT & SCREW:** Alloy steel, 4130 per AMS-S-6758, 4140 per AMS6382 or AMS6349 or 8740 per AMS6322.
- **SLEEVE:** Corrosion resistant steel, 303 per AMS5639 or 304 per AMS5641.
- **Drive Nut:** Mild steel.

**Heat Treat:**
- **NUT & SCREW:** Heat treat per AMS2759 to HRC 39-43.
- **SLEEVE & DRIVE NUT:** As required for performance.
- **Finish:**
  - **NUT & SCREW:** Cadmium plate per AMS-QQ-P-416 Type II, Class 3. Cadmium plate per NAS672 is permissible provided it is followed by a dichromate post treatment per AMS-QQ-P-416.
  - **SLEEVE:** Passivated per AMS2700 and cadmium plated per AMS-QQ-P-416 Type I, Class 3.
  - **Drive Nut:** Corrosion resistant coating, color gold.

**Lubricant:**
- Solid dry film lube per the chemical requirements of AS5272, 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:**
- PLT5114 ( ) - 08 - 04

**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 numbers.**
- **Example:** PLT5114-06-.5 has a nominal grip length of 4.5 sixteenths = 0.281" (7.14mm)
  
- **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).**

- **Ground Shank VISU-LOK II Blind Fasteners Should Not Be Used Except With Considerable Caution In Applications Which Exceed Approximately .0005” Interference Fit. Ground Shank VISU-LOK II Blind Fasteners Will Perform Satisfactorily When Installed In The Tabulated Hole Sizes.**

- **Second Dash Number [Grip Range] -17 Through -32 Not Available In -05 Diameter.**