### Table: PLT1061

<table>
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<tr>
<th>PART NUMBER</th>
<th>NOM DIA</th>
<th>A THEO DIA</th>
<th>A' MIN</th>
<th>C MAX</th>
<th>D DIA</th>
<th>F DRIVING FLATS</th>
<th>H REF</th>
<th>J DIA</th>
<th>K MAX</th>
<th>R RAD</th>
<th>S MAX</th>
<th>V GAGE PROT</th>
<th>W GAGE DIA</th>
<th>BREAK-OFF LIMITS</th>
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### TYPICAL INSTALLATION

- **VISUAL MECHANICAL LOCK**
- **FLUSH SHEAR HEAD, SELF-LOCKING**
- **TITANIUM**

### Typical Installation Diagram

- **Grip Range**
- **Distortion of D**
- **Driving Flats**
- **Break-off Limits**

### Notes:

- **G** TOLERANCE: FOR -05 AND -06 SIZES +.030/-010; FOR -08 & -10 SIZES +.040/-010; FOR -12 SIZES +.050/-010.
- **MIN MAX -05-(-) -06-( - ) -08-( - ) -10-( - ) -12-( - )**
PROCUREMENT SPEC: ESCBB-9, CLASS 1, EXCEPT AS SPECIFIED HERIN.

MATERIAL:
- NUT, SCREW & SLEEVE: 6AL-4V TITANIUM PER AMS4928 OR AMS4967.
- CORROSION RESISTANT STEEL

HEAT TREAT:
- NUT & SCREW: HEAT TREAT PER AMS-H-81200 MAX. HYDROGEN 125 PPM.
- SLEEVE: AS REQUIRED FOR PERFORMANCE.

FINISH:
- "-" NUT & SCREW: NONE
- PASSIVATE PER AMS2700
- "L" NUT: ALUMINUM COAT (.0002 - .0007 THICK) PER NAS4006.
- PASSIVATE PER AMS2700 ALUMINUM COAT (.0002 - .0007 THICK) PER NAS 4006.
- SLEEVE: PASSIVATE PER AMS2700
- SCREW: NONE.

LUBRICANT:
- LUBRICANTS LISTED BELOW MAY BE APPLIED TO ANY OR ALL COMPONENTS IF REQUIRED FOR PERFORMANCE:
  - DRY FILM LUBE PER AS5272 OR MIL-PRF-81329 OR AS81329, WWM CARBO-WAX, PARAFFIN WAX AND/OR CETYL ALCOHOL PER MIL-L-87132.

PART CODE & EXAMPLE:
- PLT1061 ( ) - 08 - 08
  - GRIP LENGTHS IN 1/16THS
  - DESIGNATES SPECIAL FINISH CODE, SEE ESCBB-4.
  - BASIC PART NUMBER, SELF LOCKING BLIND FASTENER.

GENERAL NOTES:
1. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT EXCEED MAXIMUM "D" DIAMETER.
2. CONCENTRICITY OF NUT HEAD CONICAL SURFACE TO "D" DIAMETER SHALL BE WITHIN .005" T.I.R., (EXCEPT OVER INDENTS).
3. REMOVE ALL LOOSE OR HANGING BURRS.
5. MANUFACTURER'S IDENTIFICATION:
   - LETTER "N" DESIGNATES MONOGRAM AEROSPACE FASTENERS.
   - LETTERS "VS" DESIGNATE FAIRCHILD.
6. HEAD MARKINGS ON NUT DEPRESSED .010" MAX. LOCATION OPTIONAL.
7. STANDARD FINISHES AND LUBRICANTS ARE SHOWN ABOVE. REFER TO SPECIFICATION ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBRICANTS, IF REQUIRED.
8. HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.
   - EXAMPLE: PLT1061-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = 0.281".
9. STANDARD GRIP LENGTHS ARE SHOWN AS TABULATED. SHORTER OR LONGER GRIPS THAN THOSE LISTED MAY BE AVAILABLE AS SPECIALS. ON GRIP LENGTHS SHORTER THAN THOSE LISTED, THE BREAKOFF AND PREVAILING TORQUES DO NOT APPLY.
10. DIMENSIONS "A", "A'", AND "H" ARE FOR ENGINEERING REFERENCE PURPOSES ONLY AND ARE NOT TO BE USED FOR INSPECTION PURPOSES. THESE DIMENSIONS ARE THEORETICAL VALUES DERIVED FROM "D", "S", "V", "W" AND HEAD ANGLE DIMENSIONS.
11. DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.

TITLE: VISU-LOK, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVE TITANIUM FLUSH SHEAR HEAD, SELF-LOCKING