<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>NOM. DIA.</th>
<th>A THEO.</th>
<th>A' MIN.</th>
<th>DIA. MAX.</th>
<th>C</th>
<th>DIA.</th>
<th>A'</th>
<th>CAGE CODE:</th>
<th>THEO. A'</th>
<th>MAX GRIP + .010&quot;</th>
<th>REF.</th>
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<tbody>
<tr>
<td>PLT5171-05-1</td>
<td>.179</td>
<td>4.55</td>
<td>.332</td>
<td>8.43</td>
<td>.296</td>
<td>.752</td>
<td>.315</td>
<td>8.00</td>
<td>1.600</td>
<td>.086</td>
<td>2.18</td>
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<td>PLT5171-06-1</td>
<td>.214</td>
<td>5.44</td>
<td>.385</td>
<td>9.87</td>
<td>.342</td>
<td>8.69</td>
<td>.350</td>
<td>8.89</td>
<td>1.850</td>
<td>.541</td>
<td>1.04</td>
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Alcoa 98524

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**VISU-LOK® II, FASTENER, BLIND 100° FLUSH TENSION HEAD, 1/64" OVS DIAMETER TITANIUM ALLOY**

**MONOGRAM AEROSPACE FASTENERS**

**MONOGRAM = N**

**VOI-SHAN = VS**

**SPECIAL LUBE/FINISH IDENTIFICATION (SEE PLT 5003)**

**SEATING TORQUE INSPECTION RECESS**

**FASTENER IDENTIFICATION**

**DRIVE NUT WRENCH FLATS**

- .05 & .06 = 3/8" HEX. (9.52 mm)
- .10 & .12 = 1/2" HEX. (12.70 mm)

**MINIMUM AVAILABLE GRIP LENGTH**

**MINOR GRIP LENGTH**

**MAX GRIP + L1**

**PERMISSIBLE IN LOCKING AREA**

**DISTORTION OF "D" DIA.**

**LOCKING FEATURE**

**MAX GRIP + .010"**

**REF.**

**Typical Installation**

**Title:** VISU-LOK® II, FASTENER, BLIND 100° FLUSH TENSION HEAD, 1/64" OVS DIAMETER TITANIUM ALLOY

**Drawing No:** PLT5171( )-( )-( )

**Drawing Date:** 08-14-13

**Approved By:** G. MARTINEZ

**Sheet 1 of 2**
PROCUREMENT SPEC:

PROCUREMENT SPECIFICATION = PLT 5000, CLASS 5, TYPE I
PART NUMBER ASSIGNMENT = PLT 5001
INSTALLATION AND REMOVAL = PLT 5002
SPECIAL LUBE AND FINISH = PLT 5003

MATERIAL:  ( - ) CODE:
NUT & SCREW:  6AL-4V TITANIUM PER AMS4928 OR AMS4967.
SLEEVE:  CORROSION RESISTANT STEEL.
DRIVE NUT:  MILD STEEL.

HEAT TREAT:  ( - ) CODE:
NUT & SCREW:  HEAT TREAT TO 95 KSI, FSU.
SLEEVE:  AS REQUIRED FOR PERFORMANCE.
DRIVE NUT:  AS REQUIRED FOR PERFORMANCE.

FINISH:  ( - ) CODE:
NUT & 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:
PLT5171 ( ) - 08  - 04
GRIP LENGTHS IN 1/16THS
NOMINAL BODY DIAMETER AS TABULATED IN 1/32NDS
DESIGNATES SPECIAL FINISH CODE, SEE PLT 5003
BASIC PART NUMBER, SELF LOCKING BLIND FASTENER, SEE PLT5001

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:  PLT5171-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = 0.281" (7,14mm) AND A NOMINAL 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. "J" AND "K" ARE FOR DESIGN PURPOSES ONLY, NOT FOR INSPECTION IN ACTUAL APPLICATION.
6. HEAD MARKINGS DEPRESSED .010" (0,254mm MAX), POSITION OPTIONAL.