### VISU-LOK, FASTENER, BLIND
**100° FLUSH HEAD, SELF LOCKING TITANIUM**

#### 75 KSI SHEAR

**PART IDENTIFICATION**

**MONOGRAM = N**

**VOI-SHAN = VS**

**MANUFACTURER’S IDENTIFICATION**

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>NOM. DIA.</th>
<th>A THEO DIA.</th>
<th>A DIA. MIN.</th>
<th>C MAX.</th>
<th>D DIA.</th>
<th>F DRIVING FLATS</th>
<th>H REF.</th>
<th>J DIA. MAX.</th>
<th>K MAX.</th>
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</thead>
<tbody>
<tr>
<td>INCH mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
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<td>PLT170-05-()</td>
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<td>.4153</td>
<td>.332</td>
<td>.355</td>
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<td>.296</td>
<td>7.52</td>
<td>.285</td>
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<td>PLT170-06-()</td>
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<td>.385</td>
<td>.378</td>
<td>9.78</td>
<td>9.60</td>
<td>.342</td>
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<td>PLT170-08-()</td>
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<td>.6579</td>
<td>.507</td>
<td>.499</td>
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<td>12.67</td>
<td>.463</td>
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<td>PLT170-10-()</td>
<td>.3105</td>
<td>.7887</td>
<td>.635</td>
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<td>16.13</td>
<td>15.90</td>
<td>.577</td>
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<td>PLT170-12-()</td>
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<td>.9487</td>
<td>.762</td>
<td>.752</td>
<td>19.35</td>
<td>19.10</td>
<td>.696</td>
<td>17.68</td>
<td>.525</td>
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#### TYPICAL INSTALLATION

**FINISH CODE LETTER ON X-CODED PARTS ONLY**

**NOTICE:**

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**a TriMas company**

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COMMERCIAL, CALIFORNIA 90040

(323) 727-4760     FAX (323) 722-1029

**MONOGRAM AEROSPACE FASTENERS**

**MONOGRAM CASE CODE**

5M902

**Alcoa**

**MONOGRAM AEROSPACE FASTENERS**

**ECN NO:**

14-0663

**SM902**

**REV:**

H

**DRAWING NO:**

PLT170-()-( )-( )

**DRAWN DATE:**

06-28-13

**CHECKED DATE:**

11/02/14

**SHEET 1 OF 2**

**TITLE:**

**VISU-LOK, FASTENER, BLIND**

**INTERNALLY THREADED, EXTERNAL SLEEVE**

**TITANIUM**

**100° FLUSH HEAD, SELF LOCKING**

**75 KSI SHEAR**

**DRAWN BY:**

G. MARTINEZ

**APPROVED BY:**

**CHECKED DATE:**

11/02/14
**Material:**
- NUT & SCREW: 6AL-4V TITANIUM PER AMS4928 OR AMS4967.
- SLEEVE: CORROSION RESISTANT STEEL.

**Heat Treat:**
- NUT & SCREW: HEAT TREAT TO 160 KSI UTS MIN.
- SLEEVE: AS REQUIRED FOR PERFORMANCE.

**Finish:**
- ( ) NUT & SCREW: NONE.
- ( ) SLEEVE: PASSIVATE PER AMS2700.
- ( ) ALUMINUM COAT PER NAS4006.
- ( ) AND ALUMINUM COAT PER NAS4006.
- ( ) SCREW: NONE.

**Grip Lengths:**
- STANDARD GRIP LENGTHS ARE SHOWN IN TABLE II, SHORTER OR LONGER GRIPS THAN THOSE LISTED MAY BE AVAILABLE AS SPECIALS.

**Distortion:**
- "D" DIAMETER SHALL NOT PREVENT INSERTION OF THE FASTENER INTO A RING GAUGE OF LENGTH EQUAL TO ONE DIAMETER AND DIAMETER "G" TOLERANCES:
  - FOR -05 & -06 SIZES +.030/-.010 (+0.762/-0.254mm),
  - FOR -08 & -10 SIZES +.040/-.010 (+1.016/-0.254mm),
  - FOR -12 SIZES +.050/-.010 (+1.270/-0.254mm).

**Half-Grip Sizes:**
- MAY VARY AT MANUFACTURER'S OPTION.

**Example:**
- PLT170-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS (.281 = 7.14mm). THE GRIP RANGE FOR THESE HALF-GRIP SIZES WILL BE NOMINAL GRIP LENGTHS IN 1/16THS.

**Lubricants:**
- LUBRICANTS LISTED BELOW MAY BE APPLIED TO ANY OR ALL COMPONENTS IF REQUIRED FOR PERFORMANCE.

**Procurement Spec:**
- ESCBB-9 CLASS 2.

**Second Dash Number:**
- GRIP 6AL-4V TITANIUM PER AMS4928 OR AMS4967.
- GRIP RANGE 6AL-4V TITANIUM PER AMS4928 OR AMS4967.
- L REF. 6AL-4V TITANIUM PER AMS4928 OR AMS4967.

**Tol:**
- "D" TOLERANCES: FOR .05 & .06 SIZES +.030/-.010 (+.762/-.254mm), FOR .08 & .10 SIZES .040/-.010 (+1.016/-0.254mm), FOR .12 SIZES .050/-.010 (+1.270/-0.254mm).

**Sheet:**
- SHEET 2 OF 2