<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>φA</th>
<th>φB</th>
<th>C MAX</th>
<th>φD</th>
<th>WRENCH FLATS</th>
<th>H</th>
<th>φJ MAX</th>
<th>R R</th>
<th>R S MIN</th>
<th>Z</th>
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</thead>
<tbody>
<tr>
<td>PLT6015-05-()</td>
<td>.1635</td>
<td>4.153</td>
<td>.488</td>
<td>1.138</td>
<td>.286</td>
<td>7.26</td>
<td>.285</td>
<td>7.24</td>
<td>.1645</td>
<td>4.178</td>
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<tr>
<td>PLT6015-06-()</td>
<td>.1980</td>
<td>5.029</td>
<td>.488</td>
<td>1.138</td>
<td>.339</td>
<td>8.46</td>
<td>.320</td>
<td>8.13</td>
<td>.1990</td>
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<tr>
<td>PLT6015-08-()</td>
<td>.2590</td>
<td>6.579</td>
<td>.519</td>
<td>1.295</td>
<td>.430</td>
<td>10.92</td>
<td>.355</td>
<td>9.02</td>
<td>.2580</td>
<td>6.553</td>
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</tbody>
</table>

**TABLE I (CONTINUED)**

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>BREAK-OFF LIMITS</th>
<th>MINIMUM AVAILABLE GRIP LENGTH (TABLE II)</th>
<th>HOLES SIZE</th>
<th>PREVAILING TORQUE MIN</th>
<th>DOUBLE SHEAR STRENGTH MIN</th>
<th>TENSILE STRENGTH MIN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>INCH mm</td>
<td>INCH mm</td>
<td>IN-LBS Nm</td>
<td>LBS N</td>
<td>LBS N</td>
<td>LBS N</td>
</tr>
<tr>
<td>PLT6015-05-()</td>
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<td>-.223</td>
<td>-.000</td>
<td>0.000</td>
<td>-.01</td>
<td>.168</td>
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<tr>
<td>PLT6015-06-()</td>
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<td>-.242</td>
<td>-.010</td>
<td>0.010</td>
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<td>.207</td>
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<tr>
<td>PLT6015-08-()</td>
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<td>-.335</td>
<td>-.047</td>
<td>0.047</td>
<td>-.02</td>
<td>.243</td>
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</tbody>
</table>

**EXAMPLE PART NUMBER:**

```
PLT6015-08-04
```

**VISU-LOK II, FASTENER, BLIND, LOW PROFILE PROTRUDING HEAD, NOMINAL DIAMETER, SELF-LOCKING, TITANIUM ALLOY, 75 KSI SHEAR STRENGTH**

**TYPICAL INSTALLATION**

**NOTE:**

- **ALCOA = VS**
- **MONOGRAM = N**
- **MANUFACTURER’S IDENTIFICATION**
- **SPECIAL LUBE/FINISH IDENTIFICATION**
- **SEE PLT5003**
- **FASTENER IDENTIFICATION**
- **F WRENCH FLATS**
- **LOCKING FEATURE**
- **DRIVE NUT WRENCH FLATS -05, -06 & -08 = 3/8" [9.52 mm] HEX**
- **TYPICAL INSTALLATION**

---

**TITLE:**

**DRAWING NO:** PLT6015(-)()()(-)

**DRAWN BY:** A PEREZ

**DRAWN DATE:** 03/16/2014

**APPROVED BY:**

**CHECKED DATE:**

**CASE CODE:** 14-0824

**REV:** E

**SHEET 1 OF 2**
## TABLE II

<table>
<thead>
<tr>
<th>2ND DASH NO.</th>
<th>GRIP RANGE (L)</th>
<th>MIN</th>
<th>MAX</th>
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<tbody>
<tr>
<td></td>
<td>INCH</td>
<td>mm</td>
<td>INCH</td>
</tr>
<tr>
<td>-01</td>
<td>0.95</td>
<td>24.2</td>
<td>1.185</td>
</tr>
<tr>
<td>-02</td>
<td>0.90</td>
<td>22.9</td>
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<tr>
<td>-03</td>
<td>0.85</td>
<td>21.6</td>
<td>1.107</td>
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<td>-04</td>
<td>0.80</td>
<td>20.3</td>
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<td>-05</td>
<td>0.75</td>
<td>19.0</td>
<td>1.018</td>
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<td>-06</td>
<td>0.70</td>
<td>17.7</td>
<td>0.974</td>
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<tr>
<td>-07</td>
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<td>16.4</td>
<td>0.930</td>
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<tr>
<td>-08</td>
<td>0.60</td>
<td>15.1</td>
<td>0.886</td>
</tr>
</tbody>
</table>

### MATERIAL:
- NUT AND SCREW: 6AL-4V TITANIUM ALLOY PER AMS4928 OR AMS4947.
- SLEEVE: CRES 303 OR CRES 304 PER AMS5649 OR AMS5641.
- DRIVE NUT: MILD STEEL.

### HEAT TREAT:
- NUT AND SCREW: HEAT TREAT TO 95 KSI ULTIMATE SHEAR STRENGTH.
- DRIVE NUT: AS REQUIRED FOR PERFORMANCE.

### LUBRICATION:
- SOLID DRY FILM LUBRICANT PER THE CHEMICAL REQUIREMENTS OF AS5272 TYPE 1 OR EVERLUBE 812 PER MIL-PRF-81329, PARAFFIN WAX AND/OR CETYL ALCOHOL PER AS87132.

### 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 NUMBER. EXAMPLE: PLT6015-06.45 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = .281" [7.14 mm] AND A GRIP RANGE OF .250" [6.35 mm] THRU .312" [7.92 mm].

### DISTORTION OF "D" PERMISSIBLE IN LOCKING AREA. DISTORTION OF "D" 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 N].

### "GRIP MAX" TOLERANCES:
- FOR -05 AND -06 SIZES: +.030/- .010 [+0,762 mm/-0,254 mm].
- FOR -08 SIZE: +/-0.040/-0.010 [+1,016 mm/-0,254 mm].

### ALTERNATE HEAD MARKING: "1031".
### HEAD MARKINGS ON NUT DEPRESSED .010 INCH [0,254 mm] MAXIMUM. POSITION OPTIONAL.
### DRIVE NUT NOT SHOWN FOR CLARITY OF HEAD MARKINGS.
### CRIMP IN SLEEVE OPTIONAL.

---

**VISU-LOK® II, FASTENER, BLIND, LOW PROFILE PROTRUDING HEAD, NOMINAL DIAMETER, SELF-LOCKING, TITANIUM ALLOY, 75 KSI SHEAR STRENGTH**

---

**A TriMas company**

---

**TITLE:** VISU-LOK® II, FASTENER, BLIND, LOW PROFILE PROTRUDING HEAD, NOMINAL DIAMETER, SELF-LOCKING, TITANIUM ALLOY, 75 KSI SHEAR STRENGTH

**DRAWING NO:** PLT6015

**DRAWN BY:** A PÉREZ

**DRAWN DATE:** 03/16/2014

---

**MONOGRAM AEROSPACE FASTENERS**

3423 SOUTH GARFIELD AVENUE
COMMERCE, CALIFORNIA 90040

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

**a TriMas company**

---

**CAGE CODE:** Alcoa

**ECN DATE:** 11/23/14

**ECN NO:** 98524

---

**REV:** E

**SHEET 2 OF 2**