<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>NOM. DIA.</th>
<th>A</th>
<th>THEO DIA.</th>
<th>A MAX.</th>
<th>C</th>
<th>DIA.</th>
<th>B</th>
<th>REF.</th>
<th>J</th>
<th>MAX.</th>
<th>K</th>
<th>MAX.</th>
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<tbody>
<tr>
<td>PLT150-05-(-)</td>
<td>.1635</td>
<td>.1645</td>
<td>4.178</td>
<td>.086</td>
<td>.218</td>
<td>.069</td>
<td>1.75</td>
<td>.244</td>
<td>6.20</td>
<td>.257</td>
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<tr>
<td>PLT150-08-(-)</td>
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<td>.2600</td>
<td>6.604</td>
<td>.135</td>
<td>.543</td>
<td>.343</td>
<td>3.00</td>
<td>.375</td>
<td>9.52</td>
<td>.330</td>
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<tr>
<td>PLT150-10-(-)</td>
<td>.3105</td>
<td>.3095</td>
<td>7.861</td>
<td>.147</td>
<td>.573</td>
<td>.434</td>
<td>3.40</td>
<td>.375</td>
<td>9.52</td>
<td>.330</td>
<td>8.38</td>
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</tbody>
</table>

**FIGURE EXPLANATION:**

1. **Driving Flats:**
   - F

2. **Fastener Identification:**
   - Monogram = N
   - Voi-Shan = VS

3. **Break Off Limits:**
   - Measured from Head of Nut

4. **Distortion of "D" DIA. Permissible in Locking Area:**
   - Visual Mechanical Lock

**Dimensions:**

- INCH mm
- IN-LBS Nm
- LBS. N LBS. N

**Material:**

- 5% CHROME STEEL (H-11)

**Head of Nut Measured From Break Off Limits:**

- VISU-LOK, FASTENER, BLIND
- INTERNALLY THREADED, EXTERNAL SLEEVE
- 5% CHROME STEEL (H-11)
- HIGH STRENGTH, 100° FLUSH HEAD
- SELF LOCKING

**Additional Information:**

- Approved by: G.Martinez
- Checked Date: 07-11-13
- Drawing Date: 11/02/14
- Sheet 1 of 2

**Notes:**

- The information in this drawing is given in confidence and the drawing will not be copied or reproduced in whole or in part nor its contents disclosed in any manner to any person except to meet the purpose for which it was delivered.

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**LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT AND APPROXIMATELY .040" (1.02 mm) ABOVE THE STANDARD FINISHES AND LUBRICANTS ARE SHOWN ABOVE. REFER TO SPECIFICATION ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBRICANTS, IF REQUIRED.**

**LOCKING FEATURE**

- **Finger Diameter**
  - MIN: 0.963
  - MAX: 1.079

- **Nominal Hole Diameter**
  - MIN: 1.026
  - MAX: 1.067

- **Nominal Grip Length**
  - MIN: 0.776
  - MAX: 0.822

- **Tolerance**
  - Tolerance: +0.003" (-0.000"")

**FINISH:**

- **Aluminum Finish:**
  - For -05 & -06 sizes: +0.000/+.002 (+0,000/+.002 mm)
  - For -08 & -10 sizes: +0.000/+.003 (+0,000/+.003 mm)
  - For -12 sizes: +0.000/+.004 (+0,000/+.004 mm)

**PART CODE EXAMPLE:**

- PLT150 L 05 - 05
  - Grip Length: 0.031" (0,79 mm)
  - Nominal Body Diameter: 0.195" (4,97 mm)
  - Designates Special Finish Code: ESCBB-4
  - Basic Code: Self-Locking Blind Fastener

**GENERAL NOTES:**

1. **Outside Diameter of Head:** Any oversize or outside diameter of SLEEVE shall not be greater than the maximum "D" diameter.
2. **Remove all loose or hanging burrs.**
3. **Locking Feature:** Consists of three (3) indentations located 120° apart on the periphery of the nut component and approximately .040" (1.02 mm) above the intersection of the nut nose angle and O.D. (mean grip of fastener).
4. **Head Marking:** If depresssed, .010" (.26 mm) maximum.
5. **Standard Finishes and lubricants are shown above. Refer to Specification ESCBB-4 for special finishes and/or lubricants, if required.**
6. **Concentricity of Nut Head Conical Surface to "D" Diameter shall be within 0.005" (0.13 mm) T.I.R., except on Indentations.**
7. **Standard grip lengths are shown in Table II. 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.**
8. **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 maximum "D" Max + .001.** Force for insertion shall not exceed five (5) Pounds (22.23 Newtons).
9. **Half-grip sizes may be ordered by adding (5) to the grip dash numbers.**
   - Example: PLT50-06-4.5 indicates a nominal grip length of 4.5 sixteenths (0.2817 = 7.14 mm). The grip range for these half-grip sizes will be nominal grip + .030 (+0.762/0.799 mm). The basic "G" dimension will be nominal grip + .030 (+0.762/0.799 mm). The maximum or manufacturer's option.
10. **Dimensions "A," "B," 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," "M," and "W" and head angle dimensions.
11. **Dimensions are exclusive of lubrication.**
12. **Tolerance**
   - For -05 & -06 sizes: +0.003" (-0.000"")
   - For -08 & -10 sizes: +0.006" (+0.016")
   - For -12 sizes: +0.009" (+0.025")

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**SECONDARY DASH**

<table>
<thead>
<tr>
<th>DASH NUMBER</th>
<th>G</th>
<th>GRIP RANGE</th>
<th>L REF.</th>
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<tbody>
<tr>
<td>MIN</td>
<td>MAX</td>
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<td>MAX</td>
</tr>
<tr>
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<td>INCH</td>
<td>mm</td>
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