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<th>PART NUMBER</th>
<th>NOM. DIA.</th>
<th>A</th>
<th>C MAX.</th>
<th>DIA.</th>
<th>D</th>
<th>DIA. FLATS</th>
<th>H MAX.</th>
<th>J</th>
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<th>K</th>
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<th>R RAD.</th>
<th>HOLE SIZE</th>
<th>BREAK-OFF LIMITS</th>
<th>PREVAILING TORQUE MIN</th>
<th>DOUBLE SHEAR STRENGTH MIN</th>
<th>TENSILE STRENGTH MIN</th>
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</table>

**Title:** VISU-LOK, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVE HIGH STRENGTH, 5% CHROME STEEL (H-11) PROTRUDING HEX HEAD, SELF LOCKING 1/64" (0,40 mm) OVERSIZE
### PROCLEM SPEC: ESCBB-10, EXCEPT AS SPECIFIED HEREIN.

#### MATERIAL:

- **NUT & SCREW:** 5% CHROME STEEL (H-11) PER AMS6487. INCONEL X-750 PER AMS6567 OR AM55582; OR A286 PER AMS5731; AMS5732 OR AMS5737.
- **SLEEVE:** ROCKWELL “C” 48-53.
- **FINISH:** AS REQUIRED FOR PERFORMANCE.

#### TOLERANCES:

- FOR -05 & -06 SIZES: +0.030/-.010 (+0.762/−0.254 mm);
- FOR -08 & -10 SIZES: +0.040/-.010 (+1.016/−0.254 mm);
- FOR -12 SIZES: +0.050/-.010 (+1.270/−0.254 mm).

#### HALF-GRIP SIZES:

- May be ordered by adding .5 to the grip dash numbers.

#### 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 one inch.

#### 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 finish.

#### LUBRICANTS:

- Standard finishes and lubricants are shown above. Refer to specification ESCBB-4 for special finishes or lubes, if required.

#### GENERAL NOTES:

- Outside diameter of head of screw and outside diameter of sleeve shall not be greater than maximum “D” diameter.
- Fasteners shall be free of all loose or hanging burrs.
- 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. (M.E. grip of fastener).
- Standard finishes and lubricants are shown above. Refer to specification ESCBB-4 for special finishes and/or lubricants, if required.
- Standard grip lengths are tabulated. Shorter or longer grips than those listed may be available as specials. On grip lengths shorter than those listed, the breakoff limits and prevailing torques as tabulated do not apply.
- Half-grip sizes may be ordered by adding .5 to the grip dash numbers.
- 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 one inch.
- Force for insertion shall not exceed five (5) pounds (22.23 Newtons).

#### PART CODE & EXAMPLE:

- **PLT251-05-05**
- GRIP LENGTHS IN 1/16THS OF AN INCH [0.062 mm].
- NOMINAL BODY DIAMETER IN 1/32NDs OF AN INCH (0.79 mm).
- DESIGNATES SPECIAL FINISH CODE, SEE ESCBB-4.
- BASIC PART NUMBER, SELF-LOCKING BLIND FASTENER.

#### GRIP LENGTHS IN 1/16THS OF AN INCH:

<table>
<thead>
<tr>
<th>SIZE</th>
<th>MIN.</th>
<th>MAX.</th>
<th>-05</th>
<th>-06</th>
<th>-08</th>
<th>-10</th>
<th>-12</th>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

#### HEAD MARKINGS:

- Depressed .010” MAX., LOCATION OPTIONAL.

#### OTHER:

- Minimum “D” +.001”.
- Force for insertion shall not exceed five (5) pounds (22.23 Newtons).
- 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 one inch.
- Force for insertion shall not exceed five (5) pounds (22.23 Newtons).

#### MATERIAL NOTES:

- Outside diameter of head of screw and outside diameter of sleeve shall not be greater than maximum “D” diameter.
- Fasteners shall be free of all loose or hanging burrs.
- 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. (M.E. grip of fastener).
- Standard finishes and lubricants are shown above. Refer to specification ESCBB-4 for special finishes and/or lubricants, if required.
- Standard grip lengths are as tabulated. Shorter or longer grips than those listed may be available as specials. On grip lengths shorter than those listed, the breakoff limits and prevailing torques as tabulated do not apply.
- Half-grip sizes may be ordered by adding .5 to the grip dash numbers.
- 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” +.001”. Force for insertion shall not exceed five (5) pounds (22.23 Newtons).
- Head markings on nut depressed .010” max., location optional.
- Dimensions are exclusive of lubrication.

### TITLE:

**VIUS-LOK, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVE HIGH STRENGTH, 5% CHROME STEEL (H-11) PROTRUDING HEX HEAD, SELF LOCKING 1/64” (0.40 mm) OVERSIZE**

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**a TriMas company**

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Fax (323) 727-1029

**MONOGRAM AEROSPACE FASTENERS**

**VISU-LOK, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVE HIGH STRENGTH, 5% CHROME STEEL (H-11) PROTRUDING HEX HEAD, SELF LOCKING 1/64” (0.40 mm) OVERSIZE**