**VISU-LOK, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVING TITANIUM, 75 KSI SHEAR PROTRUDING HEX HEAD, SELF LOCKING GROUND SHANK, 1/64" OVERSIZE**

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>A. HEX FLATS</th>
<th>C. MAX.</th>
<th>DIA.</th>
<th>DIA.</th>
<th>F. FLATS</th>
<th>H. MAX.</th>
<th>J. MAX.</th>
<th>K. MAX.</th>
<th>N. MIN.</th>
<th>R. MIN.</th>
<th>BREAK-OFF LIMITS</th>
<th>PREVAILING</th>
<th>DOUBLE SHEAR</th>
<th>TENSILE</th>
<th>REV.</th>
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<tbody>
<tr>
<td>PLT1088-05-1</td>
<td>.250</td>
<td>.315</td>
<td>1.835</td>
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<td>.1800</td>
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<td>.094</td>
<td>.244</td>
<td>.300</td>
<td>.272</td>
<td>+.088</td>
<td>.010</td>
<td>+.010</td>
<td>1.0</td>
<td>315</td>
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<tr>
<td>PLT1088-06-1</td>
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<td>.305</td>
<td>2.185</td>
<td>2.185</td>
<td>.2150</td>
<td>.104</td>
<td>.099</td>
<td>.300</td>
<td>.333</td>
<td>.340</td>
<td>+.025</td>
<td>.015</td>
<td>+.015</td>
<td>1.5</td>
<td>460</td>
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<td>PLT1088-08-1</td>
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<td>+.152</td>
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</table>

**NOT AVAILABLE IN -05 DIAMETER**

**G** TOLERANCE: FOR -05 AND -06 SIZES +.030/-.010; FOR -08 & -10 SIZES +.040/-.010; FOR -12 SIZES +.050/-.010.

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**MANUFACTURER'S IDENTIFICATION:** MONOGRAM = VS

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**MONOGRAM AEROSPACE FASTENERS**
3423 South Garfield Avenue
Commerce, California 90040
(323) 722-4763  FAX (323) 727-1029

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**ALUMINUM**
PROCUREMENT SPEC: ESCBB-9, CLASS 2, EXCEPT AS SPECIFIED HEREIN.

MATERIAL:

NUT, & SCREW: 6AL-4V TITANIUM PER AMS4928 OR AMS4967.
SLEEVE: CORROSION RESISTANT STEEL.

HEAT TREAT:

NUT & SCREW: HEAT TREAT PER AMS-H-81200. MAX HYDROGEN 125 PPM. MAX. AS REQUIRED FOR PERFORMANCE.

FINISH:

" - " NUT & SCREW: NONE. (SEE ESCBB-4 FOR SPECIAL LUBRICANTS AND FINISHES).
SLEEVE: PASSIVATE PER AMS2700.
" L" NUT: ALUMINUM COAT PER NAS4006.
SLEEVE: PASSIVATE PER AMS2700 AND ALUMINUM COAT PER NAS4006.
SCREW: NONE.

LUBRICANT:

NUT: DRY FILM LUBRICANT PER AS5272 TYPE I OR EVERLUBE 812 PER MIL-PRF-81329. CETYL ALCOHOL PER AS87132, OPTIONAL.
SCREW & SLEEVE: DRY FILM LUBE PER AS5272 TYPE I OR EVERLUBE 812 PER MIL-PRF-81329, PARAFFIN WAX AND/OR CETYL ALCOHOL PER AS87132 MAY BE APPLIED AS REQUIRED FOR PERFORMANCE.

PART CODE & EXAMPLE:

PLT1088 ( ) - 08 - 08

- GRIP LENGTHS IN 1/16THS OF AN INCH.
- DESIGNATES SPECIAL FINISH CODE, SEE ESCBB-4.
- BASIC PART NUMBER, SELF LOCKING BLIND FASTENER.

GENERAL NOTES:

1. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN MAXIMUM "E" 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. MANUFACTURER'S IDENTIFICATION:
   LETTER "N" DESIGNATES MONOGRAM AEROSPACE FASTENERS.
   LETTERS "VS" DESIGNATE VOI-SHAN.
5. HEAD MARKINGS ON NUT DESPRESSED .010" MAXIMUM. LOCATION OPTIONAL.
6. HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.
   EXAMPLE: PLT1088-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = 0.281".
   THE GRIP RANGE FOR THESE HALF-GRIP SIZES WILL BE NOMINAL GRIP +.031"/-.030".
   EXCEPTION: THE GRIP RANGE FOR -1.5 GRIP SHALL BE MAX GRIP = 0.125", MIN GRIP = 0.078".
   THE BASIC "G" DIMENSION WILL BE NOMINAL GRIP +.031" AND THE OVERALL SCREW LENGTH "L" DIMENSION MAY VARY AT MANUFACTURER'S OPTION.
7. THESE PARTS HAVE A CLOSE TOLERANCE (.0005 INCHES) GROUND SHANK AND ARE INTENDED FOR UP TO .0035 INCH DIFFERENTIAL INTERFERENCE FIT APPLICATIONS.
8. STANDARD FINISHES AND LUBRICANTS ARE SHOWN ABOVE. REFER TO SPECIFICATION ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBRICANTS, IF REQUIRED.
9. STANDARD GRIP LENGTHS ARE SHOWN AS TABULATED. 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.
10. 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 "D" MAX + .001". FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS (22.23 NEWTONS).
11. DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.
12. MAXIMUM "D" DIAMETER MAY BE INCREASED BY .002 TO ALLOW FOR ALUMINUM COATING APPLICATION.