### VISU-LOK, FASTENER, BLIND

**INTERNALLY THREADED, EXTERNAL SLEEVE**

**HIGH TEMPERATURE (A-286 ALLOY)**

**PROTRUDING HEX HEAD, SELF LOCKING**

**FRACTIONAL DIAMETER**

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**MANUFACTURER’S IDENTIFICATION**

**MONOGRAM = “N”**

**VOI-SHAN = “VS”**

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**ALLOY IDENTIFICATION**

“O” INDICATES A-286 ALLOY

“SL” INDICATES SELF LOCKING

“K” ON SIZES -6 & -8 ONLY

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**PART NUMBER**

<table>
<thead>
<tr>
<th>NOM.</th>
<th>Dia.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>H</th>
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<td>PLT225-05(-)</td>
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**PART NUMBER**

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<th>N</th>
<th>Min.</th>
<th>R</th>
<th>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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**MANUFACTURER**

**3423 SOUTH GARFIELD AVENUE**

**COMMERCE, CALIFORNIA 90040**

**(323) 722-4763**

**FAX (323) 727-1029**

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**TITLE:**

**PLT225( )-(-)( )**

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**DRAWING NO:**

**SM902**

**MONOGRAM CASE CODE:**

**98524**
L REF.

“G” TOLERANCES: FOR -05 & -06 SIZES +.030/-.010 (+0,77/-0,25 mm); FOR -08 & -10 SIZES +0.040/-0.10 (+1,02/-0,25 mm); FOR -12 SIZES +.050/-.010 (+1,27/-0,25 mm).

HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.

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 PREVAILING TORQUE SHALL CONFORM TO THE VALUES AS TABULATED, WHEN TESTED IN ACCORDANCE WITH SPECIFICATION ESCBB-2. HOWEVER, PREVAILING TORQUES 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 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

GENERAL NOTES:
1. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN MAXIMUM “E” DIAMETER.
2. FASTENERS SHALL BE FREE OF ALL LOOSE OR HANGING BURRS.
3. HEAD MARKINGS ON NUT DEPRESSED .010 “ (0,26 mm) MAX.
4. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN MAXIMUM “E” DIAMETER.
5. FASTENERS SHALL BE FREE OF ALL LOOSE OR HANGING BURRS.
6. HEAD MARKINGS ON NUT DEPRESSED .010 “ (0,26 mm) MAX.
7. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN MAXIMUM “E” DIAMETER.
8. FASTENERS SHALL BE FREE OF ALL LOOSE OR HANGING BURRS.
9. HEAD MARKINGS ON NUT DEPRESSED .010 “ (0,26 mm) MAX.
10. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN MAXIMUM “E” DIAMETER.

PART CODE & EXAMPLE:
PLT225 A - 05 - 05

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

DRI-Film LUBE PER AS2275 TYPE I OR MIL-PRF-81329, WWM CARBO-WAX, PARAFFIN WAX DRY FILM LUBE PER AS5272 TYPE I OR

PROCUREMENT SPEC: ESCBB-2 CLASS II.

MATERIAL:
CORROSION AND HEAT RESISTANT STEEL, TYPE A-286 PER AMS5731, AMS5732 OR AMS5737.

HEAT TREAT:
SOLUTION HEAT TREATED AND AGED TO A CORE HARDNESS OF HRC 30 TO HRC 45. ALL CORE HARDNESS READINGS ARE TAKEN ON MOUNTED SPECIMEN. USING A BRALE PENETRATOR AND A 30 Kg Load (ROCKWELL 30N).

SLEEVE:
SOLUTION TREATED.

NO CODE NUT, SCREW, & SLEEVE PASSIVATE PER AMS2700

“ A ” CODE NUT, SCREW, & SLEEVE PASSIVATE PER AMS2700. CADMIUM PLATE PER AMS-QQ-P-416. TYPE II. CLASS 2.

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

DRI-Film LUBE PER AS2275 TYPE I OR MIL-PRF-81329, WWM CARBO-WAX, PARAFFIN WAX DRY FILM LUBE PER AS5272 TYPE I OR

HEADER:

TITLE:
VISU-LOK, FASTENER, BLIND INTERNALLY THREADED, EXTERNAL SLEEVE HIGH TEMPERATURE (A-286 ALLOY) PROTRUDING HEX HEAD, SELF LOCKING FRACTIONAL DIAMETER

DRAWING NO:
PLT225 ( - ) ( - ) (- )

ECN NO:
11/04/14

APPROVED BY:
G.MARTINEZ
07-03-13

CHECKED DATE:
11/04/14

SHEET 2 OF 2

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