<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>NOM. DIA.</th>
<th>A HEX.</th>
<th>C MAX.</th>
<th>D DIA.</th>
<th>FLATS</th>
<th>H HEAD HEIGHT</th>
<th>MAX. DIA.</th>
<th>MAX. L1 REF.</th>
<th>L3 REF.</th>
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<tbody>
<tr>
<td>PLT5271-05-1</td>
<td>.1790</td>
<td>.455</td>
<td>.250</td>
<td>.244</td>
<td>.315</td>
<td>8.00</td>
<td>4.572</td>
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<td>.626</td>
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<tr>
<td>PLT5271-06-1</td>
<td>.2140</td>
<td>.544</td>
<td>.312</td>
<td>.305</td>
<td>.350</td>
<td>8.89</td>
<td>5.461</td>
<td>2.64</td>
<td>.706</td>
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<tr>
<td>PLT5271-08-1</td>
<td>.2750</td>
<td>6.98</td>
<td>.375</td>
<td>.367</td>
<td>.385</td>
<td>9.78</td>
<td>7.010</td>
<td>3.04</td>
<td>.938</td>
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<td>PLT5271-10-1</td>
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<td>8.28</td>
<td>.427</td>
<td>.429</td>
<td>.470</td>
<td>11.94</td>
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<td>PLT5271-12-1</td>
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<td>9.88</td>
<td>.500</td>
<td>.491</td>
<td>.555</td>
<td>14.10</td>
<td>9.855</td>
<td>4.63</td>
<td>1.78</td>
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</table>

**TYPICAL INSTALLATION**

- **GRIP**
- **BREAK-OFF LIMITS**
- **DISTORTION OF "D" DIA PERMISSIBLE IN LOCKING AREA**

**LOCKING FEATURE**

<table>
<thead>
<tr>
<th>R RAD.</th>
<th>W REF.</th>
<th>BREAK-OFF LIMITS</th>
<th>MINIMUM AVAILABLE GRIP LENGTH</th>
<th>HOLE SIZE</th>
<th>PREVAILING TORQUE MIN.</th>
<th>DOUBLE SHEAR STRENGTH MIN.</th>
<th>TENSILE STRENGTH MIN.</th>
</tr>
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<tbody>
<tr>
<td>.020</td>
<td>.010</td>
<td>+0.88 +2.23</td>
<td>-01</td>
<td>1.83</td>
<td>1.13</td>
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<td>900</td>
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<td>+0.98 +2.49</td>
<td>-02</td>
<td>2.18</td>
<td>0.70</td>
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<tr>
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<td>.015</td>
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PROCUREMENT SPEC:
PROCUREMENT SPECIFICATION = PLT5000, CLASS 5, TYPE V
PART NUMBER ASSIGNMENT = PLT5001
INSTALLATION AND REMOVAL = PLT5002
SPECIAL LUBE AND FINISH = PLT5003

MATERIAL:
" - " CODE: NUT & SCREW: 6AL-4V TITANIUM PER AMS4928 OR AMS4967.
SLEEVE: CORROSION RESISTANT STEEL.
DRIVE NUT: MILD STEEL.
HEAT TREAT:
" - " CODE: NUT & SCREW: HEAT TREAT TO 95 KSI, FSU.
SLEEVE & DRIVE NUT: AS REQUIRED FOR PERFORMANCE.
FINISH:
" - " CODE: NUT & SCREW: NONE.
SLEEVE: PASSIVATE PER AMS2700.
DRIVE NUT: CORROSION RESISTANT COATING. COLOR GRAY.

LUBRICANT:
SOLID DRY FILM LUBE PER THE CHEMICAL REQUIREMENTS OF A55272 TYPE I, OR EVERLUBE 812 PER MIL-PRF-81329, PARAFFIN WAX OR CETYL ALCOHOL PER AS87132 MAY BE APPLIED TO ANY OR ALL COMPONENTS AS REQUIRED FOR PERFORMANCE. (SEE PLT 5003 FOR SPECIAL LUBRICANTS AND FINISHES).

PART CODE & EXAMPLE:
PLT5271 ( ) - 08 - 04

GRIP LENGTHS IN 1/16THS
NOMINAL BODY DIAMETER IN 1/32NDS
DESIGNATES SPECIAL FINISH CODE, SEE PLT 5003
BASIC PART NUMBER, SELF LOCKING BLIND BOLT, SEE PLT 5001

GENERAL NOTES:
LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT.
HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.
EXAMPLE: PLT5271-06.4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = 0.281” (7.14mm)
AND A GRIP RANGE OF .250” THRU .312” (6.35mm THRU 7.92mm).
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 MINIMUM RECOMMENDED HOLE SIZE. FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS (22.23 NEWTONS).
SECOND DASH NUMBER (GRIP RANGE) -17 THROUGH -32 NOT AVAILABLE IN -05 DIAMETER.
"J" AND "K" ARE FOR DESIGN PURPOSES ONLY, NOT FOR INSPECTION IN ACTUAL APPLICATION.
6. HEAD MARKINGS DEPRESSED .010” (0.254mm MAX.), POSITION OPTIONAL.