### Table 1: Tensile Strength

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SHEET</th>
<th>INCH</th>
<th>mm</th>
<th>INCH</th>
<th>mm</th>
<th>INCH</th>
<th>mm</th>
<th>LBS. N</th>
<th>LBS. N</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLT5112-06-1</td>
<td>1</td>
<td>.015</td>
<td>0.38</td>
<td>0.0299</td>
<td>0.0259</td>
<td>0.759</td>
<td>0.7058</td>
<td>2.33</td>
<td>5.92</td>
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<tr>
<td>PLT5112-08-1</td>
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<td>.015</td>
<td>0.38</td>
<td>0.0303</td>
<td>0.0280</td>
<td>0.879</td>
<td>0.8080</td>
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<tr>
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<td>0.0357</td>
<td>1.039</td>
<td>0.9670</td>
<td>3.46</td>
<td>8.71</td>
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<tr>
<td>PLT5112-12-1</td>
<td>1</td>
<td>.023</td>
<td>0.58</td>
<td>0.0460</td>
<td>0.0407</td>
<td>1.034</td>
<td>0.9580</td>
<td>4.09</td>
<td>10.39</td>
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</tbody>
</table>

### Table 2: Minimum Available Grip Length

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SHEET</th>
<th>INCH</th>
<th>mm</th>
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<td>0.0409</td>
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<td>1.039</td>
<td>0.9670</td>
</tr>
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<td>PLT5112-12-1</td>
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<td>.023</td>
<td>0.58</td>
<td>0.0460</td>
<td>0.0407</td>
<td>1.034</td>
<td>0.9580</td>
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PROCUREMENT SPEC:

PROCUREMENT SPECIFICATION = PLT 5000, CLASS I, TYPE I
PART NUMBER ASSIGNMENT = PLT 5001
INSTALLATION AND REMOVAL = PLT 5002
SPECIAL LUBE AND FINISH = PLT 5003

MATERIAL:
NUT & SCREW: ALLOY STEEL, 4130 PER AMS-S-6758, 4140 PER AMS6382 OR AMS6349 OR 8740 PER AMS6322.
SLEEVE: CORROSION RESISTANT STEEL, 303 PER AMS5639 OR 304 PER AMS5641.
DRIVE NUT: MILD STEEL.
HEAT TREAT:
NUT & SCREW: HEAT TREAT PER AMS2759 TO HRC 39-43.
SLEEVE & DRIVE NUT: AS REQUIRED FOR PERFORMANCE.
FINISH:
NUT & SCREW: CADMIUM PLATE PER AMS-QQ-P-416 TYPE II, CLASS 2. CADMIUM PLATE PER NAS672 IS PERMISSIBLE PROVIDED IT IS FOLLOWED BY A DICROMATE POST TREATMENT PER AMS-QQ-P-416.
SLEEVE: PASSIVATED PER AMS2700 CADMIUM PLATED PER AMS-QQ-P-416 TYPE I, CLASS 3.
DRIVE NUT: CORROSION RESISTANT COATING. COLOR GOLD.

LUBRICANT:
SOLID DRY FILM LUBE PER THE CHEMICAL REQUIREMENTS OF ASS272 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:
PLT5112 ( )  -  08  -  04
GRIP LENGTHS IN 1/16THS
NOMINAL BODY DIAMETER AS TABULATED IN 1/32NDS
DASH (-) INDICATES STANDARD LUBRICATION AND FINISH, SEE PLT5003.
BASIC PART NUMBER, SELF LOCKING BLIND BOLT, SEE PLT5001.

GENERAL NOTES:

1. LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT.

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

3. 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).

4. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN MAXIMUM "D" DIAMETER.

5. DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.

6. HEAD MARKINGS DEPRESSED .010" (0.254mm MAX.), POSITION OPTIONAL.