TABLE I

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>NOM. DIA.</th>
<th>THRD. DIA.</th>
<th>C MAX.</th>
<th>D MAX.</th>
<th>L SIZES</th>
<th>H REF.</th>
<th>M</th>
<th>R RAD.</th>
<th>RECOMMENDED HOLE SIZE</th>
<th>BREAK-OFF LIMITS</th>
<th>PREVAILING TORQUE</th>
<th>DOUBLE SHEAR STRENGTH</th>
<th>TENSILE STRENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLT 1077-9-[*]B</td>
<td>.2590</td>
<td>.416</td>
<td>.354</td>
<td>.280</td>
<td>.325</td>
<td>.260</td>
<td>.320</td>
<td>.280</td>
<td>.210</td>
<td>2.5</td>
<td>9000</td>
<td>2100</td>
<td></td>
</tr>
</tbody>
</table>

[*] SEE TABLE II FOR SECOND DASH NUMBER AND APPROVED CALLOUT.

TABLE II

<table>
<thead>
<tr>
<th>SECOND DASH NUMBER</th>
<th>G GRIP</th>
<th>GRIP RANGE</th>
<th>L REF.</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3</td>
<td>-.040/+-.010</td>
<td>MIN.</td>
<td>MAX.</td>
</tr>
<tr>
<td>-4</td>
<td>-.040/+-.010</td>
<td>-.020</td>
<td>-.030</td>
</tr>
<tr>
<td>-5</td>
<td>-.040/+-.010</td>
<td>-.025</td>
<td>-.035</td>
</tr>
<tr>
<td>-6</td>
<td>-.040/+-.010</td>
<td>-.030</td>
<td>-.040</td>
</tr>
<tr>
<td>-7</td>
<td>-.040/+-.010</td>
<td>-.035</td>
<td>-.050</td>
</tr>
</tbody>
</table>
PRODUCTION SPEC.: NAS 1675, CLASS I, EXCEPT HEAD STYLE, GRIP RANGE AND BREAK-OFF LIMITS.

**MATERIAL:**
- **NUT & SCREW:** ALLOY STEEL: 4130 PER MIL-S-6759, 4140 PER MIL-S-5626 or 8740 PER MIL-S-5649.
- **SLEEVE:** CORROSION RESISTANT STEEL: 303 or 304 PER QQ-S-763, AMS 5639 or AMS 5641.
- **DRIVE NUT:** MILD STEEL.

**HEAT TREAT:**
- **NUT & SCREW:** HEAT TREAT PER MIL-H-6876 TO Re 39-43.
- **SLEEVE:** AS REQUIRED FOR PERFORMANCE.
- **DRIVE NUT:** AS REQUIRED FOR PERFORMANCE.

**FINISH:**
- **NUT & SCREW:** CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2. CADMIUM PLATE PER NAS 672 IS PERMISSIBLE PROVIDED IT IS FOLLOWED BY A DICHROMATE POST TREATMENT PER QQ-P-416.
- **SLEEVE:** PASSIVATE PER MIL-S-5002. CADMIUM PLATE PER QQ-P-416, TYPE I, CLASS 3.
- **DRIVE NUT:** CORROSION RESISTANT COATING, COLOR BLACK.

**LUBRICANT:**
- LUBRICANTS LISTED BELOW MAY BE APPLIED TO ANY OR ALL COMPONENTS IF REQUIRED FOR FASTENER PERFORMANCE:
  - **NUT:** WMCARBOWAX, PARAFFIN WAX, AND/OR CETYL ALCOHOL PER MIL-L-87132.
  - **SCREW & SLEEVE:** DRY FILM LUBE PER MIL-L-46010 TYPE I OR EVERLUBE 812 PER MIL-L-81329, WMCARBOWAX, PARAFFIN WAX, OR CETYL ALCOHOL PER MIL-L-87132.

**PART CODE & EXAMPLE:** PLT 1077 - B - B - B
- DESIGNATES CYLINDRICAL DRIVE NUT.
- GRIP LENGTH IN 1/16THS (SEE TABLE II).
- NOMINAL BODY DIAMETER AS TABULATED.
- 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 "D" DIAMETER.
2.) REMOVE ALL LOOSE OR HANGING BURRS.
4.) THE PREVAILING TORQUE SHALL CONFORM TO THE VALUES AS TABULATED, WHEN TESTED IN ACCORDANCE WITH SPECIFICATION NAS 1675.
5.) MANUFACTURER'S IDENTIFICATION:
   - LETTER "M" DESIGNATES MONOGRAM/AEROSPACE FASTENERS.
   - PART MARKING: "1077".
6.) HEAD MARKINGS ON NUT DEPRESSED .010 MAX.
7.) STANDARD FINISHES AND LUBRICANTS ARE SHOWN ABOVE. REFER TO SPECIFICATION ECSBB-4 FOR SPECIAL FINISHES AND/OR LUBRICANTS, IF REQUIRED.
8.) MUST ENTER A .2610 HOLE WITH FINGER PRESSURE.