MATERIAL AND HEAT TREAT:
NUT: 6Al-4V TITANIUM ALLOY PER AMS-T-9047 STA OR AMS4028 OR AMS4967 HEAT TREATED PER AMS-H-81200 TO 95 KSI SHEAR STRENGTH MINIMUM. MAXIMUM HYDROGEN CONTENT 125 PPM.
SCREW: A286 CRES PER AMS5731. AMS5732 OR AMS5737 HEAT TREATED TO 175 KSI TENSILE MINIMUM.
SLEEVE: 304 STAINLESS STEEL PER AMS6539, FULLY ANNEALED.
INSERT: ACETAL PER ASTM-D5778
DRIVE NUT: MILD STEEL
FINISH:
(-NUT): CONVERSION COATING OR PHOSPHATE FLUORIDE PER MONOGRAM SPECIFICATION PS741, MAY BE USED AT MANUFACTURER'S OPTION.
SLEEVE AND SCREW: PASSIVATE PER AMS2700, CONVERSION COATING OPTIONAL.
INSERT: NONE
DRIVE NUT: COLOR GRAY
LUBRICANT: DRY FILM LUBE PER THE REQUIREMENTS OF AS5272 TYPE I OR EVERLUBE #812 PER MIL-PRF-81329, PARAFFIN WAX, OR CETYL ALCOHOL PER AS87132 AS REQUIRED FOR PERFORMANCE.

**TABLE IV**

<table>
<thead>
<tr>
<th>2ND DASH NO. (GRIP)</th>
<th>GRIP RANGE</th>
<th>MIN GRIP</th>
<th>MAX GRIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCH</td>
<td>mm</td>
<td>INCH</td>
<td>mm</td>
</tr>
<tr>
<td>100</td>
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<td>1.97</td>
<td>100</td>
</tr>
<tr>
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<tr>
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<td>0.70</td>
<td>500</td>
</tr>
<tr>
<td>1000</td>
<td>0.25</td>
<td>0.36</td>
<td>1000</td>
</tr>
</tbody>
</table>

**GENERAL NOTES:**
1. EXAMPLE OF PART NUMBER:

| MFB2313 | Ø6 | 100 |

A** DESIGNATES DUAL DRIVE NUT SYSTEM FOR ROBOTIC INSTALLATION
DESIGNATES GRIP (TABLE III)
DESIGNATES BASIC DIMENSIONS (TABLE I)
DESIGNATES SPECIAL FINISH CODE (SEE MFB2002)
DESIGNATES BASIC PART NUMBER

2. LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT AND APPROXIMATELY .040" ABOVE INSERTION OF THE NUT NOSE ANGLE AND O.D.

HEAD MARKINGS: MANUFACTURER'S IDENTIFICATION; MONOGRAM = "ML" FASTENER IDENTIFICATION = "2313" POSITION OPTIONAL.

DISTORTION SHALL NOT PREVENT INSERTION OF THE FASTENER INTO A RING GAUGE OF LENGTH EQUAL TO ONE DIAMETER AND HOLE DIAMETER EQUAL TO A MINIMUM RECOMMENDED HOLE. FORCE FOR INSERTION SHALL NOT EXCEED 5.0 POUNDS.

MAXIMUM RUNOUT FROM DRIVE NUT TO SCREW HEAD WHEN DRIVE NUT IS FULLY SEATED (G=0) FOR GRIPS UNDER/EQUAL TO 1000. FOR GRIPS LONGER THAN 1000 "TOL C" TBD.

ALL OTHER DIMENSIONS ARE THE SAME AS IN TABLE I.

7. INSTALLATION AND REMOVAL INFORMATION T.B.A.