### Fastener Identification

“2034” and (see Table for Additional Marking)

### Table: Part Number and Dimensions

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nom Dia</th>
<th>A Dia Theo</th>
<th>A Min</th>
<th>C Ref</th>
<th>D Dia</th>
<th>E Dia Max</th>
<th>F Flats</th>
<th>H Ref</th>
<th>J Dia Min</th>
<th>K Max</th>
<th>L Ref</th>
<th>M</th>
<th>N</th>
<th>R Max</th>
<th>V Gage Prot</th>
<th>W Gage Dia</th>
<th>Additional Marking</th>
</tr>
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<tbody>
<tr>
<td>BG2034( )-06-()</td>
<td>3/16</td>
<td>0.357</td>
<td>0.351</td>
<td>0.327</td>
<td>5/16</td>
<td>0.1895</td>
<td>0.1875</td>
<td>0.112</td>
<td>0.071</td>
<td>0.290</td>
<td>0.750</td>
<td>0.800</td>
<td>0.315</td>
<td>0.305</td>
<td>0.047</td>
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<td>0.030</td>
</tr>
<tr>
<td>BG2034( )-08-()</td>
<td>1/4</td>
<td>0.480</td>
<td>0.472</td>
<td>0.442</td>
<td>5/16</td>
<td>0.2665</td>
<td>0.2641</td>
<td>0.135</td>
<td>0.090</td>
<td>0.400</td>
<td>0.800</td>
<td>0.980</td>
<td>0.405</td>
<td>0.395</td>
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<tr>
<td>BG2034( )-10-()</td>
<td>5/16</td>
<td>0.568</td>
<td>0.562</td>
<td>0.522</td>
<td>3/8</td>
<td>0.3120</td>
<td>0.3110</td>
<td>0.3090</td>
<td>0.109</td>
<td>0.475</td>
<td>0.950</td>
<td>1.125</td>
<td>0.480</td>
<td>0.470</td>
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<tr>
<td>BG2034( )-10-()</td>
<td>1/2</td>
<td>0.698</td>
<td>0.692</td>
<td>0.642</td>
<td>7/16</td>
<td>0.2920</td>
<td>0.2897</td>
<td>0.2870</td>
<td>0.128</td>
<td>0.580</td>
<td>1.100</td>
<td>1.300</td>
<td>0.575</td>
<td>0.565</td>
<td>0.082</td>
<td>0.077</td>
<td>0.050</td>
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</tr>
</tbody>
</table>

### Example of Part Number:

**EXAMPLE: BG2034B-08-09XA**

**SUFFIX "A" INDEX FOR AUTOMATIC INSTALLATION**

**EXAMPLE OF PART NUMBER:**

**DESIGNATION: "A" = NOMINAL DIA**

**DESIGNATES SPECIAL CODE**

**"Y" = 1/32" OVERSIZE**

**DESCRIPTS MAX GRIP IN 1/16" INCREMENTS**

**NONE PART MEETS BG2000 PROCUREMENT SPEC**

**DESIGNS BASIC DIMENSIONS**

**DESIGNS SPECIAL CODE**

**DESIGNS BASIC PART NUMBER**

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**U.S. PATENT NO.: 5,498,110; 5,634,751 AND FOREIGN PATENTS PENDING**

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**MONOGRAM AEROSPACE FASTENERS**

3423 SOUTH GARFIELD AVENUE

COMMERCE, CALIFORNIA 90040

(323) 722-4760     FAX (323) 727-1029

**MONOGRAM**

a TriMas company

**OSI BOLT™**

**MS20426 100° FLUSH SHEAR HEAD**

**A286, 95 KSI SHEAR, CLOSE TOLERANCE SHANK**

**1/16" GRIP VARIATION**

**DRAWING NO:**

BG2034( )-06-09X

**DATE:**

06-23-15

**ECN NO:**

15-0242

**REV:**

AH

**sheet 1 of 2**

**APPROVED:**

M. DOMINGUEZ

07-16-13

**CHECKED:**

15-0242

**REV:**

AH

**sheet 1 of 2**

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<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>BODY</th>
<th>SLEEVE</th>
<th>NUT</th>
<th>COREBOLT</th>
</tr>
</thead>
<tbody>
<tr>
<td>BG2034-1-1-1</td>
<td>A286 CRES PER AMS5732 OR AMS5737; HEAT TREATED AS REQUIRED FOR PERFORMANCE</td>
<td>PASSIVATE PER AMS2700 &amp; ALUMINUM COAT PER BMS-10-85 TYPE I, CLASS A</td>
<td>304 SS PER AMS5639 FULLY ANNEALED</td>
<td>CAD PLATE PER AMS-QQ-P-416 TYPE II, CLASS 1</td>
</tr>
<tr>
<td>BG2034A-1-1-1</td>
<td>A286 CRES PER AMS5732 OR AMS5737; HEAT TREATED AS REQUIRED FOR PERFORMANCE</td>
<td>PASSIVATE PER AMS2700 &amp; ALUMINUM COAT PER BMS-10-85 TYPE I, CLASS A</td>
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<td>PASSIVATE PER AMS2700</td>
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<tr>
<td>BG2034C-1-1-1</td>
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<td>PASSIVATE PER AMS2700 &amp; ALUMINUM COAT PER BMS-10-85 TYPE I, CLASS A</td>
<td>304 SS PER AMS5639 FULLY ANNEALED</td>
<td>PASSIVATE PER AMS2700</td>
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<td>PASSIVATE PER AMS2700</td>
</tr>
</tbody>
</table>

**GENERAL NOTES:**

1. LUBRICANT: DRY FILM LUBE PER THE CHEMICAL REQUIREMENTS OF MIL-L-46010 TYPE I, AND/OR PARAFFIN WAX USED AS REQUIRED FOR PERFORMANCE.

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

3. SEE BG2034 FOR INSTALLATION AND REMOVAL INFORMATION.

4. GRIP LENGTHS NOT LISTED MAY BE AVAILABLE UPON REQUEST.

5. INSTALLATION HOLE SHALL BE RADIUSED TO CLEAR HEAD TO SHANK RADIUS.

6. ALL DIMENSIONS TO BE MET AFTER FINISH AND BEFORE LUBRICATION.

7. CONICAL SURFACE OF HEAD SHALL BE CONCENTRIC TO SHANK DIAMETER WITHIN .005 T.I.R.

8. INSERT FABRICATED FROM ACETAL PLASTIC PER ASTM-D6778.

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