### Table of Measurements

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>NOM. DIA.</th>
<th>A</th>
<th>THEO DIA.</th>
<th>A</th>
<th>DIA. MIN.</th>
<th>C MAX.</th>
<th>D</th>
<th>E</th>
<th>DIA. MAX.</th>
<th>F</th>
<th>DRIVING FLATS</th>
<th>REF.</th>
<th>J</th>
<th>DIA. MAX.</th>
<th>K MAX.</th>
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<tbody>
<tr>
<td>PLT154-05(-)</td>
<td>.1640</td>
<td>4.166</td>
<td>.322</td>
<td>8.44</td>
<td>.296</td>
<td>7.52</td>
<td>.285</td>
<td>7.24</td>
<td>.1640</td>
<td>4.179</td>
<td>.1515</td>
<td>4.10</td>
<td>.084</td>
<td>8.01</td>
<td>2.19</td>
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<tr>
<td>PLT154-12(-)</td>
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<td>9.500</td>
<td>.742</td>
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<td>9.513</td>
<td>.4866</td>
<td>.3715</td>
<td>9.44</td>
<td>.185</td>
<td>4.57</td>
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</tbody>
</table>

### Typical Installation

**DISTORTION OF "D" DIA. PERMISSIBLE IN LOCKING AREA**

**VISUAL MECHANICAL LOCK**

**NUT**

**SCREW**

**SLEEVE**

**SYMBOLS**

**DRIVE LENGTHS IN 1/16THS OF AN INCH (1.59 mm)**

**NO. NOMINAL BODY DIAMETER IN 1/32NDS OF AN INCH (0.79 mm)**

**DESIGNATES SPECIAL FINISH CODE, SEE ESCBB-4**

**BASIC CODE: SELF-LOCKING BLIND FASTENER**

**HIGH STRENGTH, FLUSH HEAD, SELF-LOCKING**

**5% CHROME STEEL (H-11)**

**PLT154-05(-) 05**

**5M902**

**98524**

**AC**

**11/02/14**

**SHEET 1 OF 2**
STANDARD FINISHES AND LUBRICANTS ARE SHOWN ABOVE. REFER TO SPECIFICATION ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBRICANTS, IF REQUIRED.

STANDARD GRIP LENGTHS ARE SHOWN AS TABULATED, SHORTER OR LONGER GRIPS THAN THOSE LISTED MAY BE AVAILABLE AS SPECIALS. ON GRIP LENGTHS SHORTER THAN THOSE LISTED, THE 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 "A", "Aʼ" AND "H" ARE FOR ENGINEERING REFERENCE PURPOSES ONLY AND ARE NOT TO BE USED FOR INSPECTION PURPOSES. THESE DIMENSIONS ARE THEORETICAL VALUES USED IN THE MANUFACTURE OR REPRODUCTION OF THE ARTICLE DISCLOSED, AND THE DELIVERY OF THIS DOCUMENT SHALL NOT CONSTITUTE ANY RIGHT OR LICENSE TO DO SO.

5% CHROME STEEL (H-11) PER AMS487, INCONEL X-750 PER AMS5676, OR A286 PER AMS5731, AMS5732 OR AMS5737.

HEAT TREAT:

NUT & SCREW:

SLEEVE:

AS REQUIRED FOR PERFORMANCE.

FINISH:

NUT & SCREW:

Cadmium Plate per NAS672 (0.003" Min Thickness) Except Thermal Indicator May be Omitted. Supplementary Chromate Treatment per AMS-QP-416 After Bake. Color Nut Red.

GROUND SHANK VISU-LOK BLIND FASTENERS SHOULD NOT BE USED EXCEPT WITH CONSIDERABLE CAUTION IN APPLICATIONS WHICH EXCEED APPROXIMATELY .0005" INTERFERENCE GRIP +.031”/- .030” (+0,79/-0,79 mm). THE BASIC “G” DIMENSION WILL BE NOMINAL GRIP +.031 (+0,79) AND THE OVERALL SCREW LENGTH “L” DIMENSION.

EXAMPLE: PLT154-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS (.281” = 7,14 mm). THE GRIP RANGE FOR THESE HALF-GRIP SIZES WILL BE NOMINAL WITHOUT THE WRITTEN CONSENT OF MONOGRAM AEROSPACE FASTENERS, THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN UNDER NO CIRCUMSTANCES WILL BE APPLIED TO ANY OR ALL MATERIAL: WITHOUT THE WRITTEN CONSENT OF MONOGRAM AEROSPACE FASTENERS, THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN UNDER NO CIRCUMSTANCES WILL NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART, NOR ITS CONTENTS Omitted. SUPPLEMENTARY THERMAL INDICATOR MAY BE (.0003” Min Thickness) ExCEPT (-) FINISH:

SLEEVE:

LUBRICANT:

Lubricants Listed Below May Be Applied To Any Or All Components If Required For Performance. Dry Film Lube Per AMS5272 OR MIL-P-81339, WAX, CARBO-WAX, PARAFIN WAX, AND/OR CETIL ALCOHOL Per AS87132.

GENERAL NOTES:

1. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN "M” DIAMETER.

2. CONCENTRITY OF NUT HEAD CONICAL SURFACE TO "D" DIAMETER SHALL BE WITHIN 0.005” (0,13 mm) T.I.R., EXCEPT OVER INDENTATIONS.

3. REMOVE ALL LOOSE OR HANGING BURRS.

LOCKSING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT AND APPROXIMATELY .040” (.102 mm) ABOVE THE INTERSECTION OF THE NUT NOS ANGLE AND O.D. (M.GRIP OF FASTENER). HEAD MARKING ON NUT DEPRESSD (.006”) MM. LOCATION OPTIONAL.

STANDARD GRIP LENGTHS ARE SHOWN AS TABULATED, SHORTER OR LONGER GRIPS THAN THOSE LISTED MAY BE AVAILABLE AS SPECIALS. ON GRIP LENGTHS SHORTER THAN THOSE LISTED, THE BREAKOFF AND PREVAILING TORQUES DO NOT APPLY.

STANDARD FINISHES AND LUBRICANTS ARE SHOWN ABOVE. REFERENCE TO SPECIFICATION ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBRICANTS, IF REQUIRED.

HALF-GRIP SIZES MAY BE OBTAINED BY ADDING (.5) TO THE GRIP DASH NUMBER. EXAMPLE: PLT154-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS (.281” = 7,14 mm). THE GRIP RANGE FOR THESE HALF-GRIP SIZES WILL BE NOMINAL GRIP +.031” (+0,79) AND THE OVERALL SCREW LENGTH “L” DIMENSION. THESE DIMENSIONS MAY BE USED IN THE MANUFACTURE OR REPRODUCTION OF THE ARTICLE DISCLOSED, OWNED BY MONOGRAM AEROSPACE FASTENERS, ANY PARTY BY ACCEPTING THIS DOCUMENT

GROUND SHANK VISU-LOK BAND FASTENERS SHOULD NOT BE USED EXCEPT WITH CONSIDERABLE CAUTION IN APPLICATIONS WHICH EXCEED APPROXIMATELY .0005” INTERFERENCE FIT. GROUND SHANK VISU-LOK BAND FASTENERS WILL PERFORM SATISFFACTORILY WHEN INSTALLED IN THE TABULATED HOLE SIZES.

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 MAXIMUM "D” +.001”. FORCICE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS (22,23 NEWTONS).

DIMENSIONS “A,” “Aʼ” AND “H” ARE FOR ENGINEERING REFERENCE PURPOSES ONLY AND ARE NOT TO BE USED FOR INSPECTION PURPOSES. THESE DIMENSIONS ARE THEORETICAL VALUES DERIVED FROM “D,” "S,” “M,” “W” AND HEAD ANGLE DIMENSIONS.

DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.

"G" TOLERANCES: FOR -.05 & -.06 SIZES +.003"/.010" (+0,79/+.254 mm), FOR -.08 & -.10 SIZES +.040”/.100" (+1,016”/+.254 mm), FOR -12 SIZES +.050”/.100” (+1,270”/+.254 mm).

13. HEAD MARKING ON NUT DEPRESSD -.010 (.26 mm) MAXIMUM.