### Table 1: Specifications

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### Diagram

- **Visu-Lok II, Fastener, Blind 100° Flush Tension Head**
- **Nominal Diameter:** A-286 CRES

**Special Lube/Finish Identification:** (See PLT 5003)

**Manufacturer's Identification:** MONOGRAM = N

**Voi-Shan:** VS

**Monogram:** N

**Identification:**
- **Fastener Identification:** O indicates A-286 CRES
- **Alloy Identification:**
  - **L1:** Trade designation (Material)
  - **L2:** Trade designation (Material)

**Seating Torque Inspection Recess**

**Break-Off Limits:** Measured from head of nut

**Typical Installation**

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**Alcoa**

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**Alcoa Case Code:** 5M902

**Monogram Case Code:** 98524

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**Title:** VISU-LOK II, FASTENER, BLIND 100° Flush Tension Head

**Nominal Diameter:** A-286 CRES

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**Monogram Aerospace Fasteners**

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**A TriMas company**

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**Address:** 3423 South Garfield Avenue, Commerce, California 90040

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**Contact:**
- **Phone:** 323-722-4760
- **Fax:** 323-727-1029

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**Approved By:**
- **Date:** 06-27-13

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**Drawing No.:** PLT5120-05-1

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**Revision:** L

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**Sheet 1 of 2**
PROCUREMENT SPEC:

PROCUREMENT SPECIFICATION = PLT 5000, CLASS II, TYPE I
PART NUMBER ASSIGNMENT = PLT 5001
INSTALLATION AND REMOVAL = PLT 5002
SPECIAL LUBE AND FINISH = PLT 5003.
DRIVE NUT: MILD STEEL.
HEAT TREAT: NUT & SCREW: HEAT TREAT TO A CORE HARDNESS OF HRC 30-45
DRIVE NUT & SLEEVE: AS REQUIRED FOR PERFORMANCE.
FINISH: NUT, SCREW & SLEEVE: PASSIVATE PER AMS2700.
DRIVE NUT: CORROSION RESISTANT COATING. COLOR BLACK.
LUBRICANT: SOLID DRY FILM LUBE PER THE CHEMICAL REQUIREMENTS OF AS5272 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:

PLT5120 ( ) - 05 - 05

LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT.
HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.
EXAMPLE: PLT5120-06.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = 0.281" (7.14mm) AND A NOMINAL GRIP RANGE OF .250" THRU .312" (6.35mm THRU 7.92mm).
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).
SECOND DASH NUMBER (GRIP RANGE) - 17 THROUGH - 32 NOT AVAILABLE IN - 05 DIAMETER.
"J" AND "K" ARE FOR DESIGN PURPOSES ONLY, NOT FOR INSPECTION IN ACTUAL APPLICATION.