PROCUREMENT SPEC: ESCBB-9, CLASS 3, EXCEPT AS SPECIFIED HEREIN.

MATERIAL:
NUT & SCREW: 6AL-4V TITANIUM PER AMS4928 OR AMS4967.
SLEEVE: CORROSION RESISTANT STEEL.

HEAT TREAT:
NUT & SCREW: HEAT TREAT PER AMS-H-81200 MAX. HYDROGEN 125 PPM.
SLEEVE: AS REQUIRED FOR PERFORMANCE.

FINISH:
"" NUT & SCREW: NONE.
SLEEVE: PASSIVATE PER AMS2700.

LUBRICANT:
NUT: SOLID FILM LUBE PER ASS272 AND CETYL ALCOHOL PER MIL-PRF-87132.
SCREW & SLEEVE: LUBRICANTS LISTED BELOW MAY BE APPLIED IF REQUIRED FOR PERFORMANCE:
DRY FILM LUBE PER AS5272 AND/OR PARAFFIN WAX. CETYL ALCOHOL PER MIL-PRF-87132.

PART CODE & EXAMPLE:
PLT1101 ( ) - 12 - 12
GRIP LENGTHS IN 1/16THS OF AN INCH.
NOMINAL BODY DIAMETER AS TABULATED.
DESIGNATES SPECIAL FINISH CODE. SEE ESCBB-4.
BASIC PART NUMBER, SELF LOCKING BLIND FASTENER.

GENERAL NOTES:
1. CONCENTRICITY OF NUT HEAD CONICAL SURFACE TO "D" DIAMETER SHALL BE WITHIN 0.005" (0,13 mm) T.I.R., EXCEPT OVER INDENTATIONS.
2. REMOVE ALL LOOSE OR HANGING BURRS.
3. LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT AND
APPROXIMATELY .040" (.10 mm) ABOVE THE INTERSECTION OF THE NUT NOSE ANGLE AND O.D. (MEAN GRIP OF FASTENER).
4. MANUFACTURER'S IDENTIFICATION:
LETTER "N" DESIGNATES MONOGRAM AEROSPACE FASTENERS.
LETTERS "VS" DESIGNATE VOI-SHAN.
5. HEAD MARKINGS ON NUT DEPRESSRED .010" MAXIMUM. LOCATION OPTIONAL.
6. STANDARD FINISHES AND LUBRICANTS ARE SHOWN ABOVE. REFER TO SPECIFICATION ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBRICANTS, IF
REQUIRED.
7. HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.
EXAMPLE: PLT1101-12-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS (.281 = 7,14mm).
THE GRIP RANGE FOR THESE HALF-GRIP SIZES WILL BE NOMINAL GRIP +.031/- .030 (+0,79/-0,79mm).
THE BASIC "G" DIMENSION WILL BE NOMINAL GRIP +.031 (+0,79) AND THE OVERALL SCREW LENGTH "L" DIMENSION MAY VARY AT
MANUFACTURER'S OPTION.
8. STANDARD GRIP LENGTHS ARE SHOWN IN TABLE II. 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.
9. THESE PARTS HAVE A CLOSE TOLERANCE (.0005) GROUND SHANK AND ARE INTENDED FOR USE IN UP TO .0035 DIAMETRAL INTERFERENCE FIT
APPLICATIONS.
10. 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" MAX + .001". FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS (22,23 NEWTONS).
11. DIMENSIONS "A", "A'", 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", "V", "W" AND HEAD ANGLE DIMENSIONS.
12. DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.