PROCUREMENT SPEC: ESCBB-9, CLASS 2. EXCEPT AS NOTED HEREBIN

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.
"L" NUT: ALUMINUM COAT PER NAS4006. SLEEVE: PASSIVATE PER AMS2700 AND ALUMINUM COAT PER NAS4006. SCREW: NONE.

LUBRICANT: LUBRICANTS LISTED BELOW MAY BE APPLIED TO ANY OR ALL COMPONENTS IF REQUIRED FOR PERFORMANCE.
DRY FILM LUBE PER AS5272 OR MIL-PRF-81329, WMM CARBO-WAX, PARAFFIN WAX AND/OR CETYL ALCOHOL PER AS87132.

PART CODE & EXAMPLE: PLT270 - 05 - 05

GRIP LENGTHS IN 1/16THS NOMINAL BODY DIAMETER AS TABULATED DASH (-) INDICATES STANDARD LUBRICATION AND FINISH BASIC PART NUMBER, SELF LOCKING BLIND FASTENER (BASIC PART NUMBER: PLT270SA(-) -5-5 USE FOR SEALANT APPLICATION)

GENERAL NOTES:
1. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT EXCEED MAXIMUM "D" DIAMETER.
2. REMOVE ALL LOOSE OR HANGING BURRS.
4. MANUFACTURER'S IDENTIFICATION: (REFER TO NOTE 7 FOR INTERIM IDENTIFICATION) LETTER "N" DESIGNATES MONOGRAM AEROSPACE FASTENERS. LETTERS "VS" DESIGNATE VOI-SHAN.
5. HEAD MARKINGS ON NUT DEPRESSED .010 MAX.
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: PLT270-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = .281. THE GRIP RANGE FOR THESE HALF-GRIP SIZES WILL BE NOMINAL GRIP +.031/- .030. THE BASIC "G" DIMENSION WILL BE NOMINAL GRIP +.031 AND THE OVERALL SCREW LENGTH "L" DIMENSION MAY VARY AT MANUFACTURER'S OPTION.
8. 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". FORCE FOR INSERTION SHALL NOT EXCEED FIVE (5) POUNDS.
9. STANDARD GRIP LENGTHS ARE AS TABULATED, SHORTER OR LONGER GRIPS THAN THOSE LISTED MAY BE AVAILABLE AS SPECIALS. ON GRIP LENGTHS SHORTER THAN THOSE LISTED, THE BREAKOFF LIMITS AND PREVAILING TORQUES AS TABULATED DO NOT APPLY.
10. DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.

APPLY SEALANT PR1422 B-2 PER AMS-S-8802 OR MIL-S-22473, GRADE A, RETAINING COMPOUND PER ST3M781 IN THIS AREA.