APPLICABLE SPECIFICATIONS:

PROCUREMENT SPECIFICATION = PLT 6000, CLASS 2, TYPE II
PART NUMBER ASSIGNMENT = PLT 5001
INSTALLATION AND REMOVAL = PLT 5002
SPECIAL LUBE AND FINISH = PLT 5003

MATERIAL:
NUT, SCREW & SLEEVE: CORROSION AND HEAT RESISTANT STEEL, A-286 PER AMS 5731, AMS 5732 OR AMS 5737
DRIVE NUT: MILD STEEL

HEAT TREAT:
NUT & SCREW: HEAT TREAT TO A CORE HARDNESS OF RC 30-45
SLEEVE: AS REQUIRED FOR PERFORMANCE

FINISH:
NUT, SCREW & SLEEVE: PASSIVATED PER AMS2700
DRIVE NUT: CORROSION RESISTANT COATING. COLOR BLACK

LUBRICATION:
SOLID DRY FILM LUBRICANT PER THE CHEMICAL REQUIREMENTS OF AB5272 TYPE I OR EVERLUBE 812 PER MIL-L-81329, PARAFFIN WAX OR CETYL ALCOHOL PER AB57132 MAY BE APPLIED TO ANY OR ALL COMPONENTS AS REQUIRED FOR PERFORMANCE,
(SEE PLT 5003 FOR SPECIAL LUBRICANTS AND FINISHES)

PART CODE & EXAMPLE: PLT 5422 -6-6

GRIP LENGTH IN 1/16THS (SEE TABLE II)
NOMINAL BODY DIAMETER IN 1/32NDs (SEE TABLE I)
DASH (-) INDICATES STANDARD LUBRACTION AND FINISH (SEE PLT 5003)
BASIC PART NUMBER, SELF LOCKING BLIND BOLT
(SEE PLT 5001)

GENERAL NOTES:

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

2. HALF GRIP SIZES MAY BE ORDERED BY ADDING .5 TO THE GRIP DASH NUMBER
   EXAMPLE: PLT 5422-6.5 HAS A NOMINAL GRIP LENGTH OF 4-1/2 16THS
   (.625" = 7.14mm) AND A GRIP RANGE OF .250" THRU .312".
   (6.35mm THRU 7.92mm)

3. 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)

4. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN MAXIMUM "D" DIAMETER.

5. DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.