LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT AND HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.

MANUFACTURER'S IDENTIFICATION:

STANDARD FINISHES AND LUBES ARE SHOWN ABOVE. REFER TO ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBES, IF REQUIRED.

DISTORTION OF “D” DIAMETER SHALL NOT PREVENT INSERTION OF THE FASTENER INTO A RING GAUGE OF LENGTH EQUAL TO ONE DIAMETER.

THE PRODUCT DESCRIBED BY THIS DRAWING IS "EQUIVALENT TO" AND "INTERCHANGEABLE WITH" THE MANUFACTURER'S PRODUCT.

SHORTER OR LONGER GRIPS THAN THOSE LISTED MAY BE AVAILABLE AS SPECIALS. ON GRIP GROUND SHANK VISU-LOKS SHOULD NOT BE USED, EXCEPT WITH CONSIDERABLE CAUTION. IN APPLICATIONS WHICH EXCEED .0005" DIMENSIONS “A”, “A’”, AND “H” ARE FOR ENGINEERING REFERENCE PURPOSES ONLY AND ARE NOT TO BE USED FOR INSPECTION PURPOSES.

GENERAL NOTES:

1. OUTSIDE DIAMETER OF HEAD OF SCREW AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT EXCEED MAXIMUM "D" DIAMETER.
2. CONCENTRICITY OF NUT HEAD CONICAL SURFACE TO "D" DIAMETER SHALL BE WITHIN .005" T.I.R., EXCEPT OVER INDENTATIONS.
3. REMOVE ALL LOOSE OR HANGING BURRS.
5. MANUFACTURER'S IDENTIFICATION:
   LETTER "N" DESIGNATES MONOGRAM AEROSPACE FASTENERS.
   LETTERS "VS" DESIGNATE VOI-SHAN.
6. HEAD MARKINGS ON NUT DEPRESSED .010" MAX.
7. THE PRODUCT DESCRIBED BY THIS DRAWING IS "EQUIVALENT TO" AND "INTERCHANGEABLE WITH" THE MANUFACTURER'S PRODUCT LISTED BELOW EXCEPT FOR THE HEAD IDENTIFICATION MARKINGS AND SELF-LOCKING FEATURE. EXISTING STOCK MAY BE REWORKED TO INCORPORATE THE LOCK WHEN THESE REWORKED FASTENERS ARE SUPPLIED. THE HEAD IDENTIFICATION MAY BE AS SHOWN BELOW:
   MONOGRAM...: FFG164-FFG375 SERIES (MARKING: "-" AND/OR "N" OVERSTAMPED "L" OR "SL"),
   VOI-SHAN...: BAGAF SERIES (MARKING: "VS", "AG", AND "SL"; NUT HEAD MAY BE COLORED ORANGE).
8. STANDARD FINISHES AND LUBES ARE SHOWN ABOVE. REFER TO ESCBB-4 FOR SPECIAL FINISHES AND/OR LUBES, IF REQUIRED.
9. HALF-GRIP SIZES MAY BE ORDERED BY ADDING (.5) TO THE GRIP DASH NUMBERS.
10. EXAMPLE: PLT114-06-4.5 INDICATES A NOMINAL GRIP LENGTH OF 4.5 SIXTEENTHS = 0.281".
    THE GRIP RANGE FOR THESE HALF-GRIPS 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.
    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.
    GROUND SHANK VISU-LOKS SHOULD NOT BE USED, EXCEPT WITH CONSIDERABLE CAUTION. IN APPLICATIONS WHICH EXCEED .0005" INTERFERENCE FIT GROUND SHANK VISU-LOKS WILL PERFORM SATISFACTORILY WHEN INSTALLED IN THE TABULATED HOLE SIZES.
12. 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).
13. DIMENSIONS ARE EXCLUSIVE OF LUBRICATION.
14. DIMENSIONS "A", "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", "M", "W" AND HEAD ANGLE DIMENSIONS.