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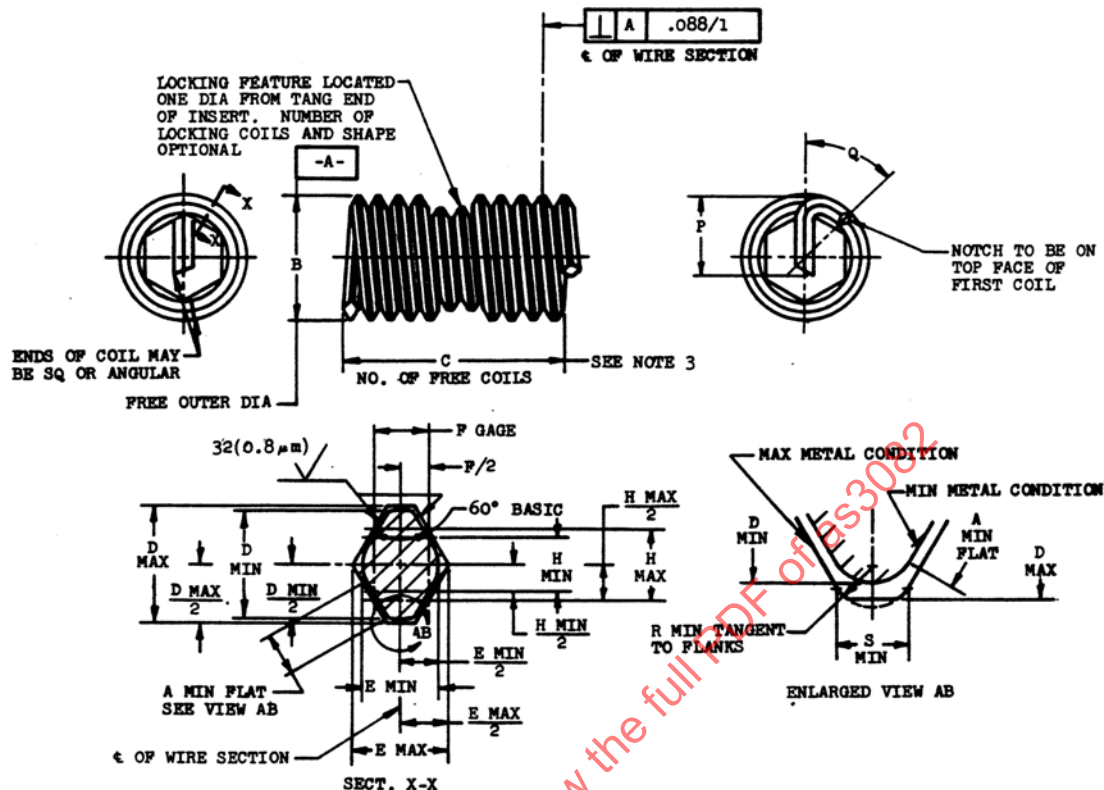
SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

SAE AS3082

FEDERAL SUPPLY CLASS
5340

RATIONALE

AS3082 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



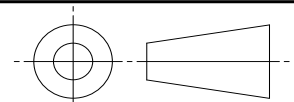
1. NOMINAL LENGTH IS REFERENCE AND EQUALS BASIC THICKNESS OF PLATE FOR INSERT ASSEMBLY. SEE TABLE.
2. ASSEMBLED LENGTH OF INSERT TO BE AS SPECIFIED ON DWG MS33537. ASSEMBLED LENGTH OF INSERT TO BE MEASURED 90° FROM TANG.
3. NUMBER OF FREE COILS TO BE COUNTED 90° FROM TANG.
4. MATERIAL: STEEL, CORROSION RESISTANT, AMS 7245 (MATERIAL AND MPG).
5. SURFACE TEXTURE: ANSI B46.1-1962.
6. INSERT PERFORMANCE PER AS1229-1.
7. DIMENSIONS IN INCHES (MILLIMETERS). METRIC CONVERSIONS ARE IN INTERNATIONAL SYSTEM UNITS (SI).
8. IDENTIFICATION: COLOR PER AS1229-1. MARK AS NUMBER AND MANUFACTURER'S IDENTIFICATION ON CONTAINER.
9. DIMENSIONING AND TOLERANCING: ANSI Y14.5-1966.
10. DO NOT USE UNASSIGNED AEROSPACE IDENTIFICATION NUMBERS.

SOURCE OF SUPPLY:
HELI-COIL PRODUCTS,
DIVISION OF MITE CORPORATION
DANBURY, CONN. 06810
FEDERAL SUPPLY CODE FOR MANUFACTURER'S NO. 01556
DRAWING NO. 3759-OR

ONLY THE ITEM DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDOR LISTED HEREON IS APPROVED FOR USE IN THE APPLICATIONS SPECIFYING THIS AS NUMBER. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR TESTING AND APPROVAL BY THE DESIGN ACTIVITY RESPONSIBLE FOR THE APPLICATION.

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS3082>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

INSERT - CRES HELICAL COIL FINE THREAD,
STRAIGHT STUD LOCKING, 2.5 DIA NOM LENGTH

SAE AS3082
SHEET 1 OF 2