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REV. B
MA3279

FEDERAL SUPPLY CLASS

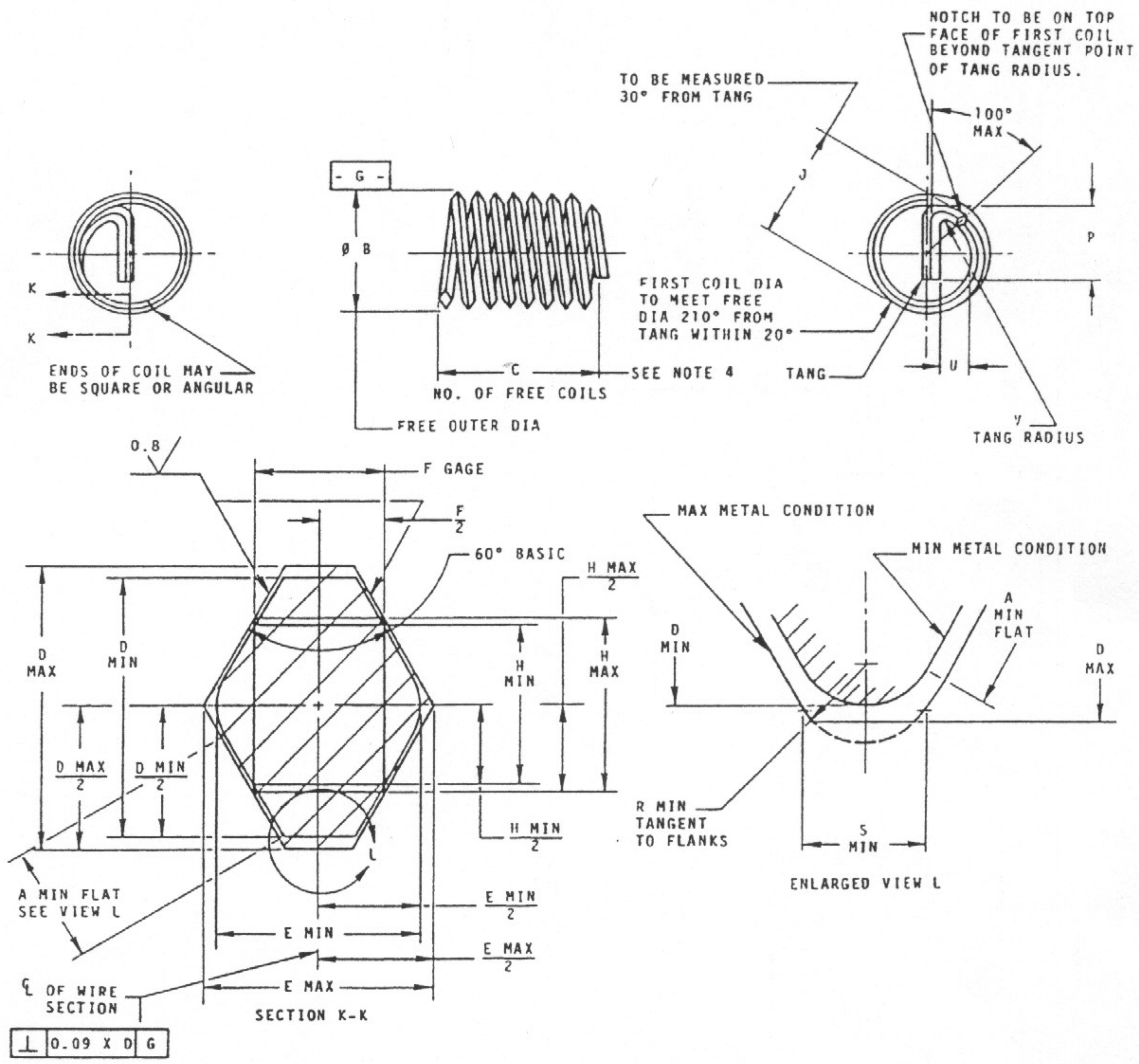


FIGURE 1

PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE PROPULSION SYSTEMS



METRIC AEROSPACE STANDARD
INSERT, SCREW THREAD, HELICAL COIL,
METRIC SERIES, FREE RUNNING, CRES, UNCOATED

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NOTES:

1. NOMINAL LENGTHS ARE REFERENCE AND EQUAL MINIMUM LENGTH OF FULL THREAD INTO WHICH MAXIMUM INSERT CAN BE ASSEMBLED. THEY ARE 1, 1.5, 2, 2.5, AND 3 TIMES NOMINAL THREAD DIAMETER. SEE TABLE 1.
2. ASSEMBLED LENGTH OF INSERT TO BE AS SPECIFIED ON AEROSPACE STANDARD MA1567.
3. ASSEMBLED LENGTH OF INSERT TO BE MEASURED FROM NOTCH.
4. NUMBER OF FREE COILS TO BE COUNTED FROM NOTCH.
5. MATERIAL AND PROCUREMENT SPECIFICATION: MA1565, CRES
6. SURFACE TEXTURE: SYMBOLS PER ANSI Y14.36; REQUIREMENTS PER ANSI/ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 3.2 μm Ra.
7. DIMENSIONING AND TOLERANCING: ANSI Y14.5M
8. LINEAR DIMENSIONS IN MILLIMETERS (mm).
9. INSERT CAN BE USED WITH M OR MJ EXTERNAL THREADS.
10. MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION PER AS478-37.
11. DO NOT USE UNASSIGNED PART NUMBERS.