

MA3428

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FEDERAL SUPPLY CLASS  
5310

# RATIONALE

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

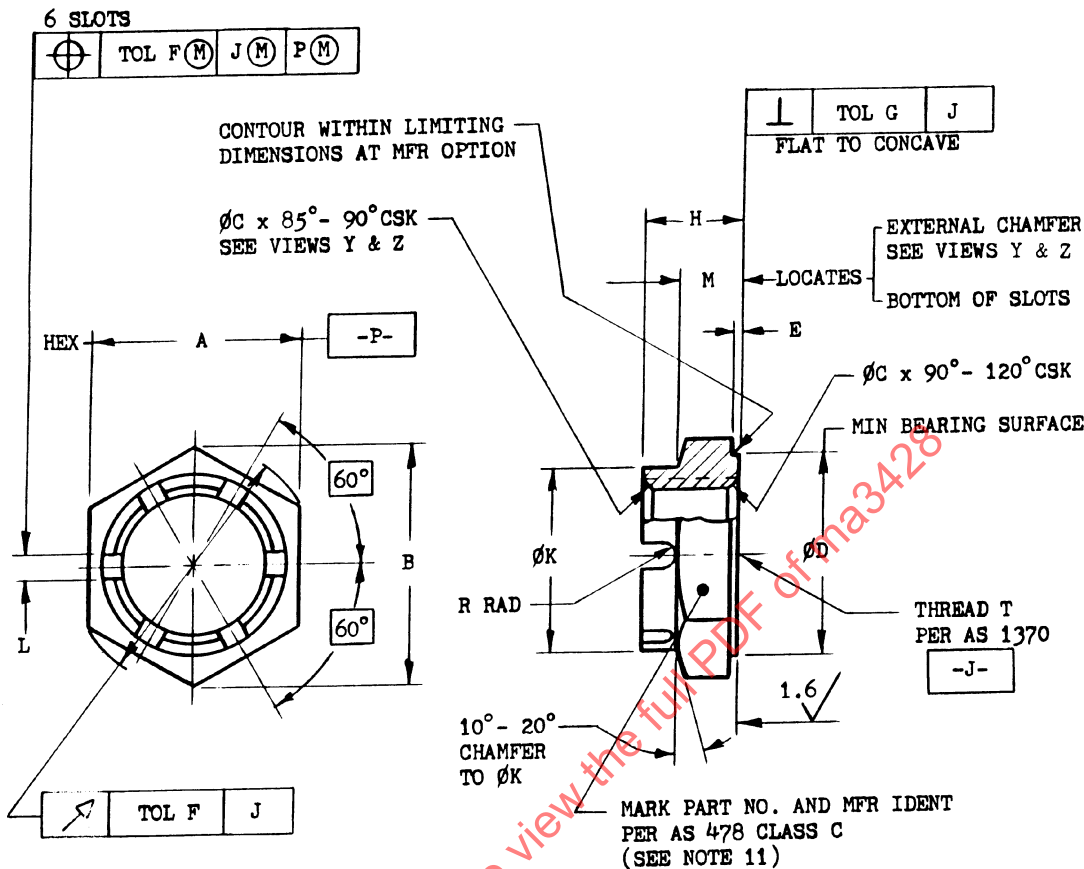
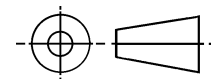


TABLE I. DIMENSIONS

| PART NO.  | THREAD T         | A             | $\frac{1}{1}$ | B MIN | C           | D MIN | E         | F    | G    |
|-----------|------------------|---------------|---------------|-------|-------------|-------|-----------|------|------|
| MA3428-04 | MJ4 x 0.7-4H6H   | 6.85 - 7.00   | h12           | 7.6   | 4.2 - 4.8   | 6.4   | 0.2 - 0.5 | 0.20 | 0.10 |
| MA3428-05 | MJ5 x 0.8-4H6H   | 7.85 - 8.00   |               | 8.7   | 5.2 - 5.8   | 7.4   | 0.2 - 0.5 | 0.20 | 0.10 |
| MA3428-06 | MJ6 x 1-4H5H     | 9.78 - 10.00  |               | 10.9  | 6.3 - 7.1   | 9.3   | 0.2 - 0.5 | 0.20 | 0.10 |
| MA3428-07 | MJ7 x 1-4H5H     | 10.73 - 11.00 |               | 12.0  | 7.3 - 8.1   | 10.2  | 0.2 - 0.5 | 0.20 | 0.10 |
| MA3428-08 | MJ8 x 1-4H5H     | 11.73 - 12.00 | h13           | 13.2  | 8.3 - 9.1   | 11.2  | 0.2 - 0.5 | 0.20 | 0.10 |
| MA3428-10 | MJ10 x 1.25-4H5H | 13.73 - 14.00 |               | 15.5  | 10.3 - 11.1 | 13.2  | 0.3 - 0.6 | 0.25 | 0.13 |
| MA3428-12 | MJ12 x 1.25-4H5H | 16.73 - 17.00 |               | 18.9  | 12.3 - 13.1 | 16.0  | 0.3 - 0.6 | 0.25 | 0.13 |
| MA3428-14 | MJ14 x 1.5-4H5H  | 18.67 - 19.00 |               | 21.1  | 14.4 - 15.2 | 18.0  | 0.3 - 0.6 | 0.25 | 0.15 |
| MA3428-16 | MJ16 x 1.5-4H5H  | 21.67 - 22.00 |               | 24.5  | 16.4 - 17.2 | 21.0  | 0.3 - 0.6 | 0.30 | 0.18 |
| MA3428-18 | MJ18 x 1.5-4H5H  | 23.67 - 24.00 |               | 26.6  | 18.4 - 19.2 | 23.0  | 0.3 - 0.6 | 0.30 | 0.18 |
| MA3428-20 | MJ20 x 1.5-4H5H  | 26.67 - 27.00 |               | 30.2  | 20.4 - 21.2 | 26.0  | 0.3 - 0.6 | 0.30 | 0.18 |

1/ TOLERANCE GRADES TO ANSI B4.2-1978

THIRD ANGLE PROJECTION



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

**SAE Aerospace**  
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## METRIC AEROSPACE STANDARD

NUT, CASTELLATED, HEX - THIN, UNS S66286,  
SILVER PLATE, MJ THREAD, METRIC

**MA3428**  
SHEET 1 OF 2

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