

## RATIONALE

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

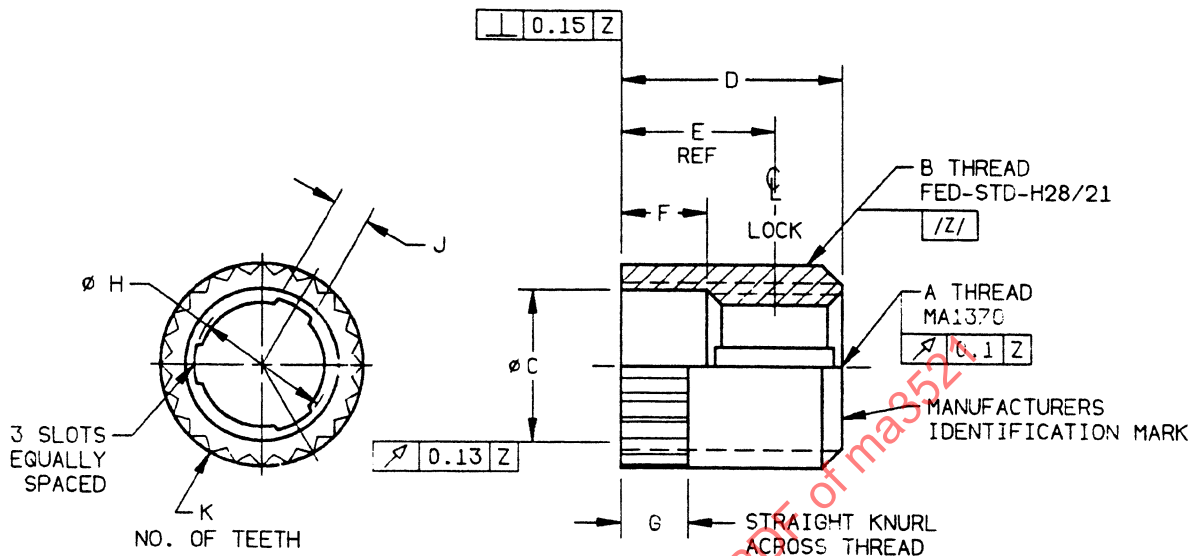
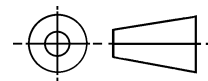


FIGURE 1

TABLE 1

| PART<br>NUMBER | A<br>THREAD      | B<br>THREAD<br>MODIFIED<br>MINOR<br>DIA<br>MINOR<br>DIA<br>MAX | B<br>THREAD<br>MODIFIED<br>MINOR<br>DIA<br>MINOR<br>DIA<br>MAX | $\phi C$<br>+0.15<br>-0.00 | D<br>+0.3 | E<br>REF | F<br>+0.20 | G<br>+0.3 | $\phi H$<br>MIN | J<br>MIN | K  | WEIGHT<br>APPROX<br>Kg/1000 pcs |
|----------------|------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------|-----------|----------|------------|-----------|-----------------|----------|----|---------------------------------|
|                |                  |                                                                |                                                                |                            |           |          |            |           |                 |          |    |                                 |
| MA3521-01      | MJ5 x 0.8-4H6H   | M7 x 1-4g                                                      | 5.973                                                          | 5.20                       | 13.15     | 8.05     | 2.95       | 2.3       | 4.56            | 1.25     | 18 | 1.685                           |
| MA3521-02      | MJ6 x 1-4H5H     | M8 x 1-4g                                                      | 7.016                                                          | 6.20                       | 15.35     | 9.25     | 3.15       | 2.4       | 5.44            | 1.50     | 24 | 2.488                           |
| MA3521-03      | MJ7 x 1-4H5H     | M9 x 1-4g                                                      | 8.056                                                          | 7.20                       | 17.75     | 10.65    | 3.55       | 2.7       | 6.44            | 1.75     | 27 | 3.365                           |
| MA3521-04      | MJ8 x 1-4H5H     | M10 x 1-4g                                                     | 9.056                                                          | 8.20                       | 20.15     | 12.05    | 3.95       | 2.9       | 7.28            | 2.00     | 28 | 4.571                           |
| MA3521-05      | MJ10 x 1.25-4H5H | M12 x 1-4g                                                     | 11.110                                                         | 10.25                      | 24.85     | 14.75    | 4.65       | 3.3       | 9.14            | 2.50     | 33 | 7.433                           |

THIRD ANGLE PROJECTION



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

**SAE Aerospace**  
An SAE International Group**METRIC AEROSPACE STANDARD**INSERT - THIN WALL, LONG  
SELF-LOCKING, 550 °C, SILVER PLATED  
UNS N07718, MJ THREAD, METRIC**MA3521**  
SHEET 1 OF 2