

FEDERAL SUPPLY CLASS
5310

REV.
A

AS3480

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

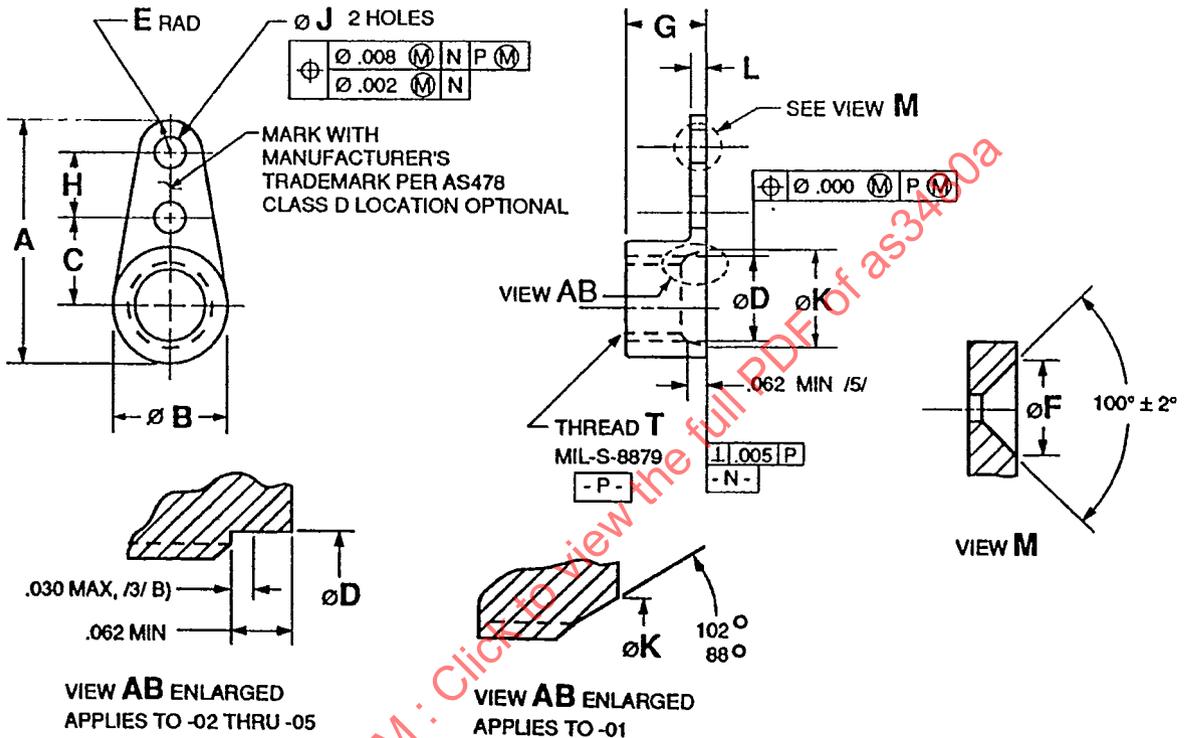
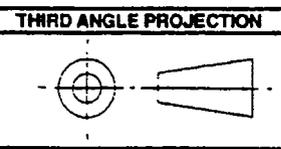


FIGURE 1



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

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive Warrendale PA 15096-0001

AEROSPACE STANDARD
(R) NUT, SELF-LOCKING, PLATE, ONE LUG,
REDUCED RIVET SPACING, LOW HEIGHT, UNS S66286,
CLASS: 125 KSI/800 °F

AS3480
SHEET 1 OF 3

REV.
A

ISSUED 1991-02 REVISED 1994-11 (A)

AS3480 REV. A

TABLE 1

| PART NUMBER | T THREAD | A MAX | B | C ±.005 | φD MIN | E MIN | φF ±.010 | G MAX | H ±.002 | φJ +.005 -.000 | φK MAX | L MAX | AXIAL STRENGTH LBF MIN | APPROX MASS LB/100 |
|-------------|-----------------|----------|-----------|------------|-----------|----------|-------------|----------|------------|----------------------|-----------|----------|------------------------------|--------------------------|
| | | | | | | | | | | | | | | |
| AS3480-01 | .1380-32UNJC-3B | .684 | .195-.265 | .218 | -- | .089 | .200 | .171 | .219 | .098 | .206 | .047 | 1130 | .15 |
| AS3480-02 | .1640-32UNJC-3B | .716 | .235-.297 | .234 | .168 | .100 | .200 | .250 | .219 | .098 | -- | .047 | 1720 | .23 |
| AS3480-03 | .1900-32UNJF-3B | .745 | .298-.328 | .250 | .194 | .100 | .200 | .250 | .219 | .098 | -- | .047 | 2460 | .27 |
| AS3480-04 | .2500-28UNJF-3B | .822 | .380-.414 | .281 | .254 | .100 | .200 | .281 | .219 | .098 | -- | .055 | 4580 | .46 |
| AS3480-05 | .3125-24UNJF-3B | 1.026 | .475-.505 | .359 | .317 | .125 | .230 | .328 | .269 | .130 | -- | .065 | 7390 | .85 |

SAENORM.COM : Click to view the full PDF of as3480a



AEROSPACE STANDARD

(R) NUT, SELF-LOCKING, PLATE, ONE LUG,
REDUCED RIVET SPACING, LOW HEIGHT, UNS S66286,
CLASS: 125 KSI/800 °F

AS3480
SHEET 2 OF 3

REV.
A