

RATIONALE

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

AS4862

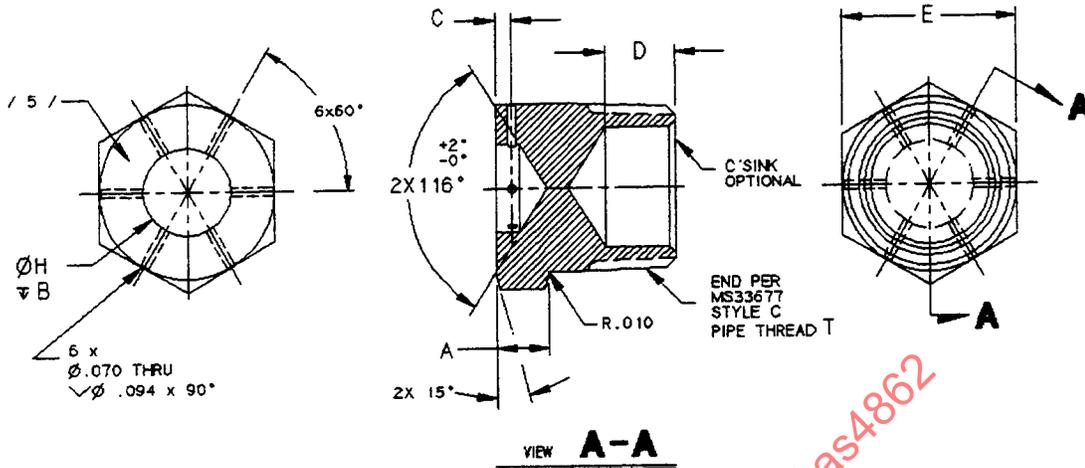
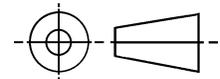


FIGURE 1 - PLUG, PIPE, EXTERNAL THREAD, HEX HEAD

TABLE 1 - DIMENSIONS

| BASIC NO. AS4862 /12/ | T THD. ANPT MIL-P-7105 | A | B | C | D ±.020 | E MIN | E MAX | H |
|-----------------------------|------------------------------|------|------|------|------------|----------|----------|-------|
| 00 | .063-27 | .219 | .156 | .094 | - | .371 | .378 | .188 |
| 01 | .125-27 | .219 | .156 | .094 | - | .433 | .440 | .219 |
| 02 | .250-18 | .234 | .156 | .094 | .330 | .621 | .629 | .312 |
| 03 | .375-18 | .297 | .156 | .094 | .340 | .746 | .754 | .375 |
| 04 | .500-14 | .312 | .188 | .125 | .430 | .933 | .941 | .469 |
| 06 | .750-14 | .375 | .188 | .125 | .400 | 1.120 | 1.130 | .562 |
| 08 | 1.000-11.5 | .406 | .188 | .125 | .540 | 1.370 | 1.380 | .688 |
| 10 | 1.250-11.5 | .406 | .203 | .125 | .390 | 1.734 | 1.766 | .875 |
| 12 | 1.500-11.5 | .406 | .203 | .125 | .290 | 1.984 | 2.016 | 1.000 |
| 16 | 2.000-11.5 | .406 | .203 | .125 | .140 | 2.480 | 2.520 | 1.125 |
| 20 | 2.500-8 | .406 | .203 | .125 | .380 | 2.980 | 3.020 | 1.500 |

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ MIL-F-5509

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

PLUG, PIPE, EXTERNAL
THREAD, HEX HEAD

AS4862
SHEET 1 OF 2

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