

AS3573

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.

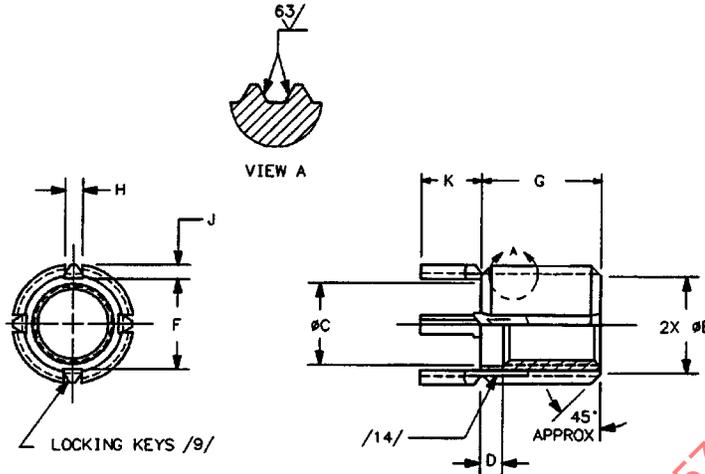
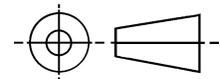


FIGURE 1

TABLE 1 - DIMENSIONS, EXTRA HEAVY-DUTY INSERT

| AS3573 DASH NO. | INTERNAL THREAD AS8879 UNJF-3B | EXTERNAL THREAD FED-STD-H28/2 EXCEPT MODIFIED MINOR DIA SIZE | EXTERNAL THREAD FED-STD-H28/2 EXCEPT MODIFIED MINOR DIA φMINOR | φC ±.005 | D ±.010 | φE REF | F REF | G ±.015 | KEY | KEY | KEY |
|-----------------------|---|--|--|-------------|------------|-----------|----------|------------|------------------------|------------------------|------------------------|
| | | | | | | | | | DIMENSIONS H REF | DIMENSIONS J REF | DIMENSIONS K REF |
| 1 | .1900-32 | .4375-14UNC-2A | .383 .375 | .196 | .070 | .375 | .344 | .312 | .068 | .040 | .130 |
| 2 | .2500-28 | .5000-13UNC-2A | .440 .432 | .257 | .070 | .430 | .407 | .375 | .068 | .040 | .190 |
| 3 | .3125-24 | .5625-12UNC-2A | .503 .495 | .316 | .070 | .495 | .469 | .437 | .068 | .040 | .190 |
| 4 | .3750-24 | .6250-11UNC-2A | .565 .551 | .380 | .070 | .550 | .532 | .500 | .068 | .040 | .190 |
| 5 | .4375-20 | .6875-11NS-2A | .625 .615 | .445 | .100 | .615 | .595 | .625 | .068 | .040 | .190 |
| 6 | .5000-20 | .8125-16UN-2A | .752 .744 | .507 | .100 | .745 | .720 | .688 | .068 | .040 | .190 |
| 7 | .5625-18 | .8750-14UNF-2A | .815 .807 | .580 | .100 | .805 | .782 | .812 | .068 | .040 | .190 |
| 8 | .6250-18 | 1.0000-12UNF-2A | .924 .916 | .640 | .100 | .915 | .850 | .875 | .068 | .040 | .190 |
| 9 | .7500-16 | 1.2500-12UNF-2A | 1.175 1.165 | .763 | .100 | 1.165 | 1.100 | 1.125 | .103 | .070 | .250 |
| 9L | .7500-16 | 1.2500-12UNF-2A | 1.175 1.165 | .763 | .100 | 1.165 | 1.100 | 1.250 | .103 | .070 | .250 |
| 10 | .8750-14 | 1.3750-12UNF-2A | 1.300 1.290 | .888 | .100 | 1.290 | 1.225 | 1.250 | .103 | .070 | .250 |
| 10L | .8750-14 | 1.2500-12UNF-2A | 1.300 1.290 | .888 | .100 | 1.290 | 1.225 | 1.375 | .103 | .070 | .250 |
| 11 | 1.0000-12 | 1.5000-12UNF-2A | 1.424 1.416 | 1.015 | .100 | 1.415 | 1.350 | 1.375 | .103 | .070 | .250 |
| 11L | 1.0000-12 | 1.5000-12UNF-2A | 1.424 1.416 | 1.015 | .100 | 1.415 | 1.350 | 1.500 | .103 | .070 | .250 |

THIRD ANGLE PROJECTION



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

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

INSERT, SCREW THREAD, NON-LOCKING, LOCKED IN, KEY LOCKED,
EXTRA HEAVY-DUTY, SELF-BROACHING KEYS, UNS S66286

AS3573
SHEET 1 OF 2

ISSUED 1999-05 REAFFIRMED 2004-07