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REV.
B

AS3572™

FEDERAL SUPPLY CLASS
5340

RATIONALE

THIS FAMILY OF INSERTS, ALONG WITH AS3573, IS MADE TO THE PERFORMANCE REQUIREMENTS ESTABLISHED BY PROCUREMENT SPECIFICATION AS4976. HOWEVER, DURING THE LAST REVISION, THE REFERENCE WAS INADVERTENTLY DROPPED DURING THE BALLOTING PROCESS. THIS BALLOT DOES NOT ESTABLISH NEW REQUIREMENTS; IT ONLY REINSTATES THE ORIGINAL DESIGN INTENT. REINSTATED PROCUREMENT SPECIFICATION AS4976. UPDATED GD&T SPECIFICATION TO ASME Y14.5-2018.

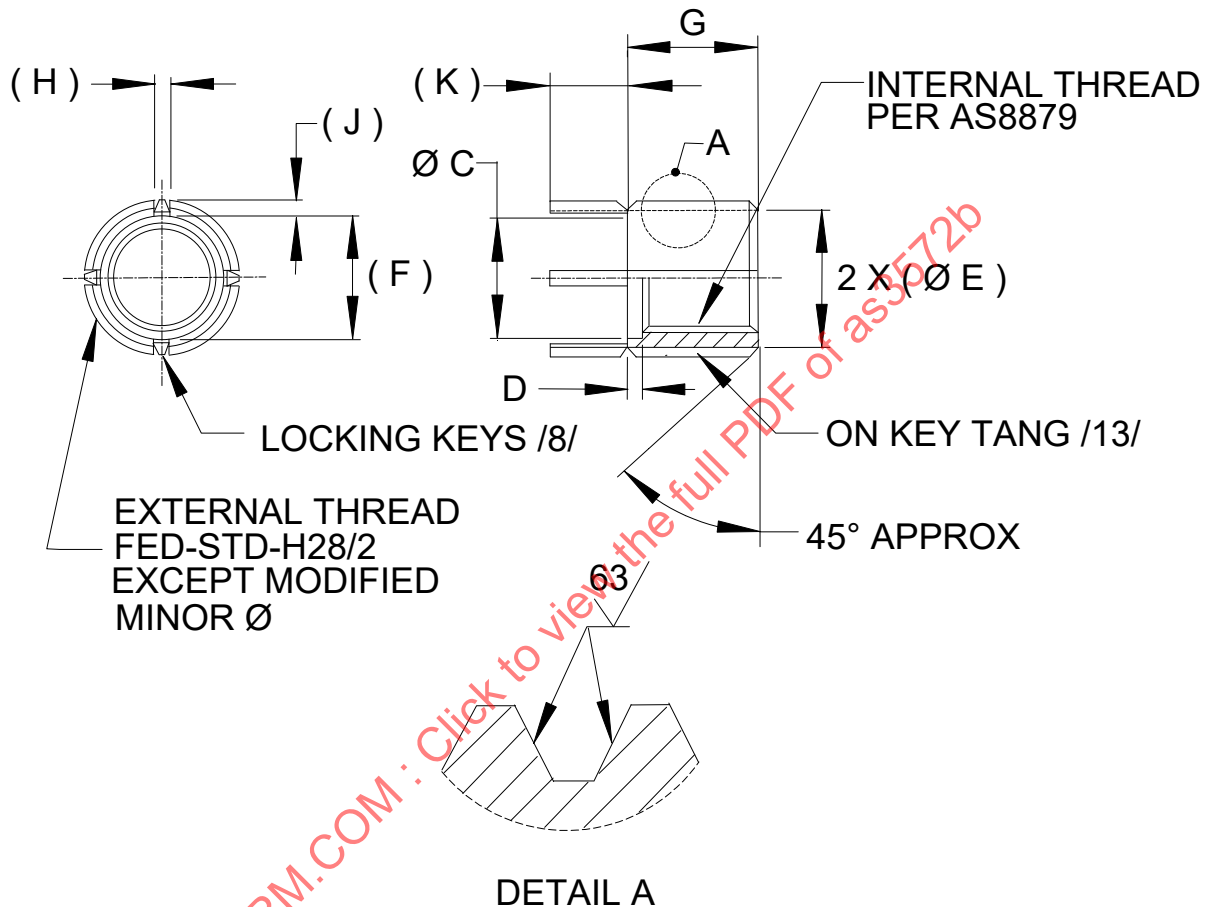
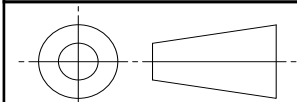


FIGURE 1

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3572B/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS4976



AEROSPACE STANDARD

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

AS3572™
SHEET 1 OF 3

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ISSUED 1999-05 REAFFIRMED 2012-11 REVISED 2024-12

TABLE 1 - HEAVY-DUTY INSERT

AS3572 DASH NO.	INTERNAL THREAD UNJF-3B	EXTERNAL THREAD SIZE	EXTERNAL THREAD MINOR Ø		Ø C ±.005	D ±.010	Ø E REF
			MAX	MIN			
1	.1900-32	.3750-16 UNC-2A	.320	.312	.196	.070	.310
2	.2500-28	.4375-14 UNC-2A	.383	.375	.257	.070	.375
3	.3125-24	.5000-13 UNC-2A	.440	.432	.316	.070	.430
4	.3750-24	.5625-12 UNC-2A	.503	.495	.380	.070	.495
5	.4375-20	.6250-11 UNC-2A	.565	.551	.445	.100	.550
6	.5000-20	.6875-11 UN-2A	.625	.615	.507	.100	.615
7	.5625-18	.8125-16 UN-2A	.752	.744	.580	.100	.745
8	.6250-18	.8750-14 UNF-2A	.815	.807	.640	.100	.805
9	.7500-16	1.1250-12 UNF-2A	1.050	1.040	.763	.100	1.040
9L	.7500-16	1.1250-12 UNF-2A	1.050	1.040	.763	.100	1.040
10	.8750-14	1.2500-12 UNF-2A	1.175	1.165	.888	.100	1.165
10L	.8750-14	1.2500-12 UNF-2A	1.175	1.165	.888	.100	1.165
11	1.0000-12	1.3750-12 UNF-2A	1.300	1.290	1.015	.100	1.290
11L	1.0000-12	1.3750-12 UNF-2A	1.300	1.290	1.015	.100	1.290

TABLE 1 - HEAVY-DUTY INSERT (CONT.)

AS3572 DASH NO.	F REF	G ±.015	KEY DIM H REF	KEY DIM J REF	KEY DIM K REF
1	.284	.312	.068	.040	.130
2	.344	.375	.068	.040	.190
3	.407	.437	.068	.040	.190
4	.469	.500	.068	.040	.190
5	.532	.625	.068	.040	.190
6	.595	.688	.068	.040	.190
7	.720	.812	.068	.040	.190
8	.782	.875	.068	.040	.190
9	.975	1.125	.103	.070	.250
9L	.975	1.250	.103	.070	.250
10	1.100	1.250	.103	.070	.250
10L	1.100	1.375	.103	.070	.250
11	1.225	1.375	.103	.070	.250
11L	1.225	1.500	.103	.070	.250



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

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 SHEET 2 OF 3

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 B