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REV.
A

AS3544™

FEDERAL SUPPLY CLASS
5340

RATIONALE

FIGURE REDRAWN, TABLE RETYPED FOR CLARITY, SPECS UPDATED, USAGE NOTE ADDED.

AS3544A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

A REAFFIRMED STATUS IS GIVEN TO TECHNICAL REPORTS THAT HAVE BEEN REVIEWED BY THE TECHNICAL COMMITTEE AND DEEMED TO BE CURRENT WITH NO NEED FOR IMMEDIATE REVISION. NO CHANGES HAVE BEEN MADE TO THIS DOCUMENT AS A RESULT OF THIS REVIEW.

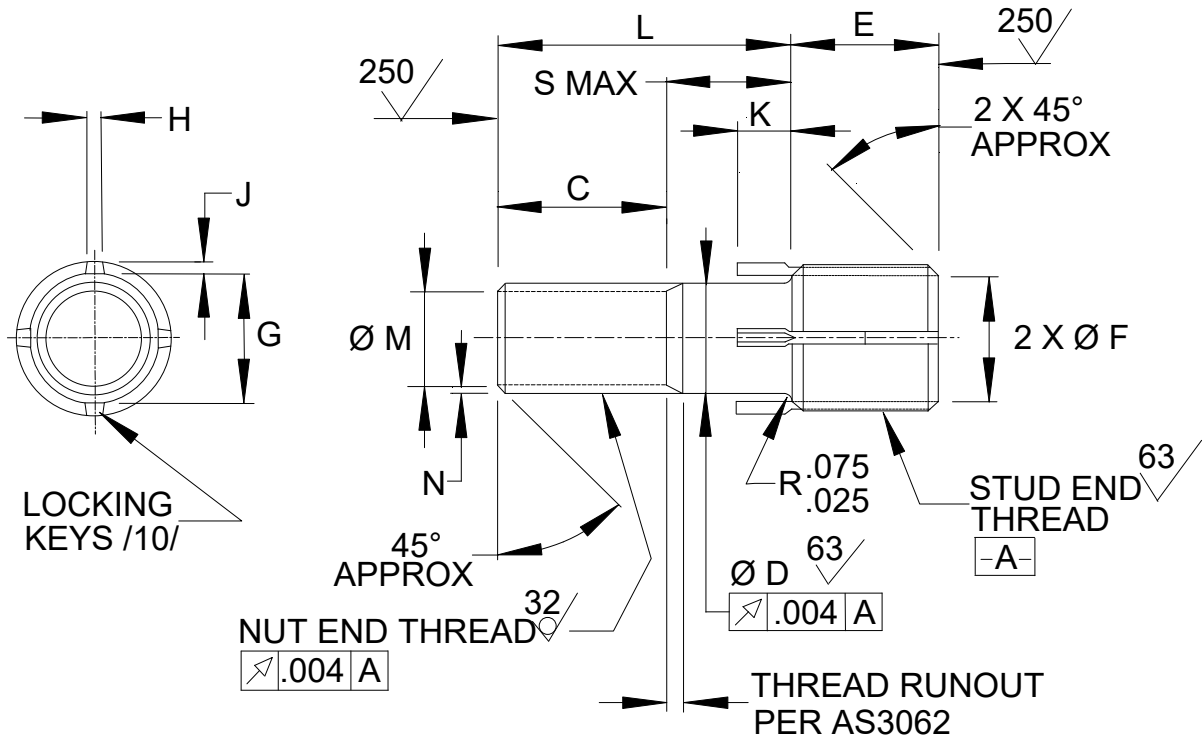
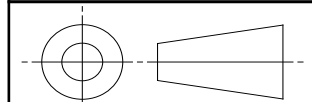


FIGURE 1 - STUD, FINE THREAD, NUT END

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3544A/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

(R) STUD, LOCKED IN, KEY LOCKED,
UNS S66286, 140 KSI/1200 °F
HEAVY-DUTY, SELF-BROACHING KEYS

AS3544™
SHEET 1 OF 4

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TABLE 1 - DIMENSIONS, STUD, FINE THREAD, NUT END

AS3544 DASH NO.	NUT END THREAD AS8879	STUD END THREAD FED-STD-H28/2 EXCEPT MODIFIED MINOR DIA SIZE	STUD END THREAD MODIFIED MINOR Ø	C /1 ± .030	Ø D GRIP Ø ± .002
1	.1640-32UNJC-3A	.3125-18UNC-2A	.249-.256	.410	.161
2	.1900-32UNJF-3A	.3750-16UNC-2A	.312-.320	.410	.187
3	.2500-28UNJF-3A	.4375-14UNC-2A	.375-.383	.470	.247
4	.3125-24UNJF-3A	.5000-13UNC-2A	.432-.440	.530	.310
5	.3750-24UNJF-3A	.5625-12UNC-2A	.495-.503	.640	.372
6	.4375-20UNJF-3A	.6250-11UNC-2A	.551-.565	.660	.435
7	.5000-20UNJF-3A	.6875-11UNS-2A	.615-.625	.780	.497
8	.5625-18UNJF-3A	.8125-16UN-2A	.744-.752	.910	.560
9	.6250-18UNJF-3A	.8750-14UNF-2A	.807-.815	.950	.622

TABLE 1- DIMENSIONS, STUD, FINE THREAD, NUT END (CONTINUED)

AS3544 DASH NO.	E ± .015	Ø F REF	G REF	KEY DIMENSIONS			Ø M ± .010	Ø N MIN
				H REF	J REF	K REF		
1	.312	.250	.220	.068	.040	.130	.120	.015
2	.312	.310	.284	.068	.040	.130	.150	.015
3	.375	.375	.345	.068	.040	.190	.200	.018
4	.437	.430	.407	.068	.040	.190	.260	.022
5	.500	.495	.469	.068	.040	.190	.320	.022
6	.625	.550	.532	.068	.040	.190	.375	.027
7	.688	.615	.595	.068	.040	.190	.435	.027
8	.812	.745	.720	.068	.040	.190	.490	.030
9	.875	.805	.782	.068	.040	.190	.550	.030

1/ THIS DIMENSION DOES NOT APPLY TO DASH NUMBERS ABOVE HEAVY LINES IN TABLE 2.



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(R) STUD, LOCKED IN, KEY LOCKED,
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HEAVY-DUTY, SELF-BROACHING KEYS

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