

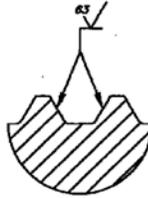
REV. A

SAE AS3546

FEDERAL SUPPLY CLASS
5340

RATIONALE

AS3546A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



DETAIL "A"

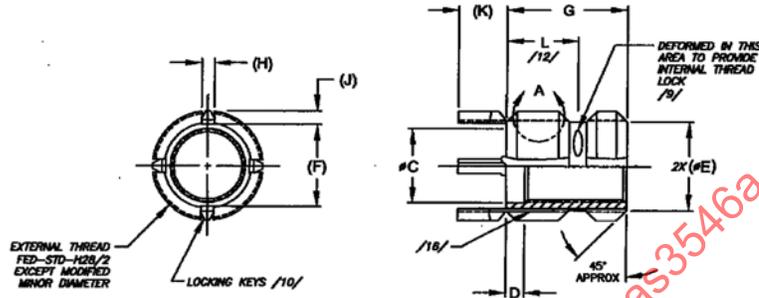


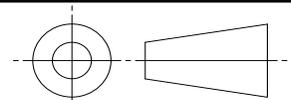
FIGURE 1

TABLE 1 - DIMENSIONS, EXTRA HEAVY-DUTY INSERT

AS3546 DASH NO.	INTERNAL THREAD AS8879 UNJF-3B	EXTERNAL THREAD SIZE	EXTERNAL THREAD ϕ MINOR	C $\pm .005$	D $\pm .010$	ϕE REF	F REF	G $\pm .015$	KEY DIM. H REF	KEY DIM. J REF	KEY DIM. K REF	L $\pm .030$
1	.1900-32	.4375-14UNC-2A	.383 .375	.196	.070	.375	.344	.312	.068	.040	.130	.220
2	.2500-28	.5000-13UNC-2A	.440 .432	.257	.070	.430	.407	.375	.068	.040	.190	.220
3	.3125-24	.5625-12UNC-2A	.503 .495	.316	.070	.495	.469	.437	.068	.040	.190	.220
4	.3750-24	.6250-11UNC-2A	.565 .551	.380	.070	.550	.532	.500	.068	.040	.190	.250
5	.4375-20	.6875-11NS-2A	.625 .615	.445	.100	.615	.595	.625	.068	.040	.190	.280
6	.5000-20	.8125-16UN-2A	.752 .744	.507	.100	.745	.720	.688	.068	.040	.190	.280
7	.5625-18	.8750-14UNF-2A	.815 .807	.580	.100	.805	.782	.812	.068	.040	.190	.320
8	.6250-18	1.0000-12UNF-2A	.924 .916	.640	.100	.915	.850	.875	.103	.070	.250	.330
9	.7500-16	1.2500-12UNF-2A	1.175 1.165	.763	.100	1.165	1.100	1.125	.103	.070	.250	.490
9L	.7500-16	1.2500-12UNF-2A	1.175 1.165	.763	.100	1.165	1.100	1.250	.103	.070	.250	.490
10	.8750-14	1.3750-12UNF-2A	1.300 1.290	.888	.100	1.290	1.225	1.250	.103	.070	.250	.490
10L	.8750-14	1.3750-12UNF-2A	1.300 1.290	.888	.100	1.290	1.225	1.375	.103	.070	.250	.490
11	1.0000-12	1.5000-12UNF-2A	1.424 1.416	1.015	.100	1.415	1.350	1.375	.103	.070	.250	.490
11L	1.0000-12	1.5000-12UNF-2A	1.424 1.416	1.015	.100	1.415	1.350	1.500	.103	.070	.250	.550

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3546A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS4892

SAE Aerospace
An SAE International Group

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

SAE AS3546
SHEET 1 OF 2

REV. A

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ISSUED 1999-05 REVISED 2007-07 REAFFIRMED 2012-11