

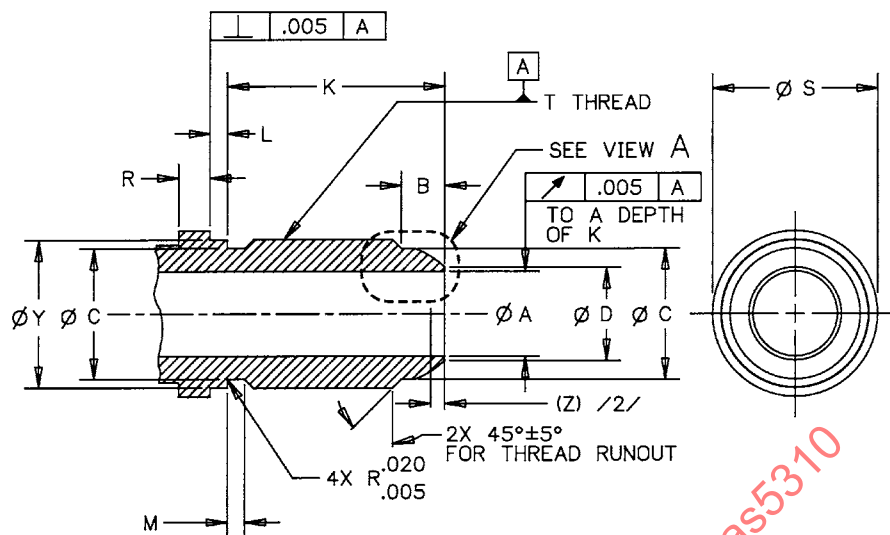
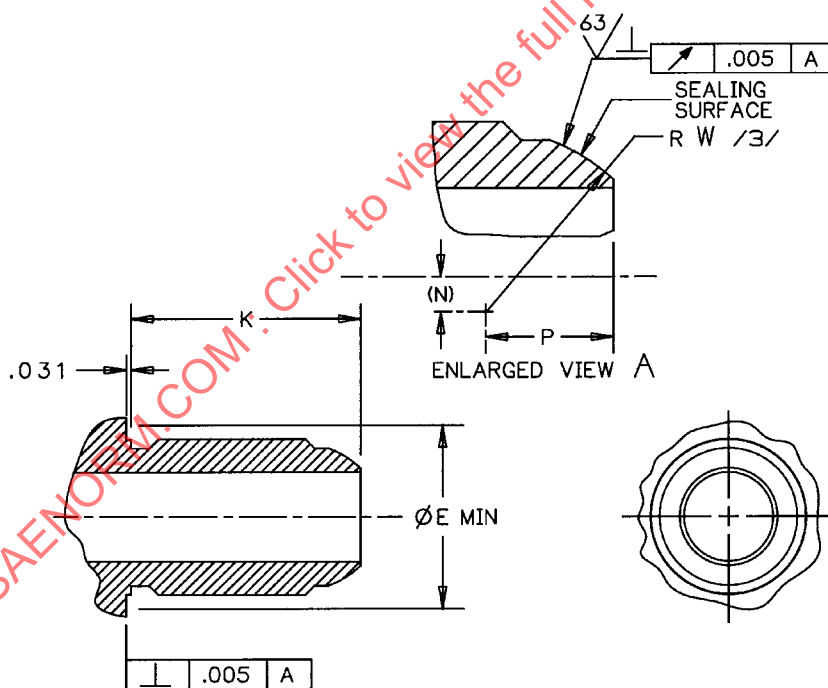
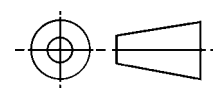


FIGURE 1 - FITTING END, STYLE G

FIGURE 2 - FITTING END, STYLE H
SAME AS STYLE G EXCEPT AS SHOWN

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: NONE /1/

SAE Aerospace
 An SAE International Group
AEROSPACE STANDARD
 FITTING END, BULKHEAD, SPHERICAL,
 37° FLARED TUBE CONNECTION
 DESIGN STANDARD

AS5310
 SHEET 1 OF 3

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ISSUED 1997-10 REAFFIRMED 2007-11

TABLE 1A - DIMENSIONS A-K

BASIC NO. AS5310 /9/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER MIL-S-8879	A	B	C	D	E	K ±.016
03	.188	.3750-24 UNJF-3A	.121 - .128	.177	.307	.146	.595	.922
04	.250	.4375-20 UNJF-3A	.168 - .175	.193	.359	.193	.658	1.016
05	.312	.5000-20 UNJF-3A	.230 - .237	.193	.421	.255	.720	1.016
06	.375	.5625-18 UNJF-3A	.293 - .301	.198	.476	.318	.782	1.094
08	.500	.7500-16 UNJF-3A	.387 - .395	.253	.654	.426	.970	1.250
10	.625	.8750-14 UNJF-3A	.480 - .488	.266	.767	.539	1.093	1.391
12	.750	1.0625-12 UNJ -3A	.604 - .614	.315	.938	.664	1.343	1.562
16	1.000	1.3125-12 UNJ -3A	.839 - .851	.315	1.188	.913	1.593	1.562
20	1.250	1.6250-12 UNJ -3A	1.073 - 1.086	.367	1.501	1.147	1.843	1.609
24	1.500	1.8750 - 12 UNJ -3A	1.307 - 1.320	.378	1.750	1.381	2.089	1.625

TABLE 1B - DIMENSIONS L-Z

BASIC NO. AS5310 /9/ SIZE CODE	L ±.016	M +.015 -.000	N	R ±.016	S ±.016	P	W	Y	Z
03	.094	.063	.160	.109	.500	.217	.312	.3678 - .3750	.075
04	.094	.075	.126	.125	.562	.219	.312	.4294 - .4375	.067
05	.094	.075	.096	.125	.625	.217	.312	.4919 - .5000	.064
06	.094	.083	.060	.141	.688	.223	.312	.5538 - .5625	.072
08	.125	.094	.130	.156	.875	.329	.475	.7406 - .7500	.092
10	.125	.107	.074	.172	1.000	.328	.475	.8647 - .8750	.089
12	.125	.125	.124	.188	1.188	.436	.632	1.0511 - 1.0625	.117
16	.125	.125	.000	.188	1.438	.436	.632	1.3011 - 1.3125	.118
20	.125	.125	.000	.188	1.750	.559	.800	1.6136 - 1.6250	.165
24	.125	.125	.000	.188	2.000	.640	.942	1.8636 - 1.8750	.155