

RATIONALE

AS4541 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

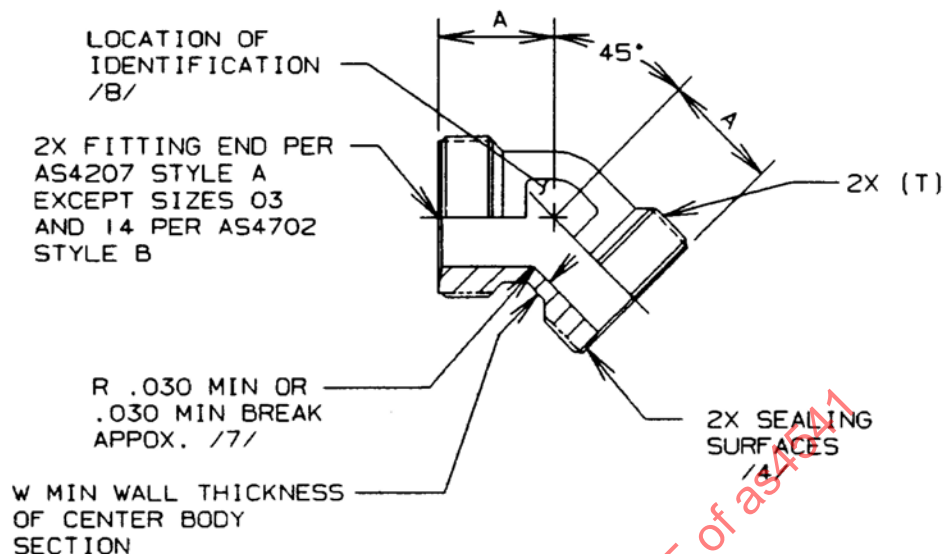


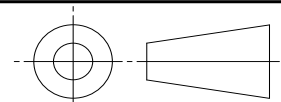
FIGURE 1 - ELBOW 45°, BEAM SEAL MALE

TABLE 1 - DIMENSIONS AND WEIGHT

BASIC NO. AS4541 /14/ SIDE CODE	(NOMINAL TUBE SIZE)	T THREAD	A	B	W	LB/EA MAX CRES	LB/EA MAX TI
03	.188	.3750-28UNJS-3A	.378	.375	.050	.022	.013
04	.250	.4375-24UNJS-3A	.420	.375	.050	.031	.018
05	.312	.5000-24UNJS-3A	.438	.438	.050	.040	.023
06	.375	.5625-20UNJS-3A	.471	.500	.050	.050	.029
08	.500	.7188-20UNJS-3A	.528	.562	.050	.087	.051
10	.625	.8438-18UNJS-3A	.619	.688	.060	.128	.075
12	.750	1.0000-16UNJ-3A	.685	.875	.070	.171	.100
14	.875	1.1250-16UNJ-3A	.753	1.125	.080	TBD	TBD
16	1.000	1.2500-14UNJS-3A	.783	1.125	.090	.254	.149
20	1.250	1.5781-14UNJS-3A	.836	1.375	.100	TBD	TBD
24 /9/	1.500	1.8438-14UNJS-3A	1.003	1.625	.120	TBD	TBD

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS4541>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /5/ MIL-F-85421

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

ELBOW, 45°, BEAM SEAL, MALE
4000 PSI, HYDRAULIC

SAE AS4541
SHEET 1 OF 2