

REV.
C

SAE AS4683

FEDERAL SUPPLY CLASS
4730

RATIONALE

CANCELED MILITARY STANDARD NUMBERS HAVE BEEN REPLACED. PRI-QPL NOTE HAS BEEN UPDATED AND CADMIUM WARNING NOTE ADDED. OTHER UPDATES.

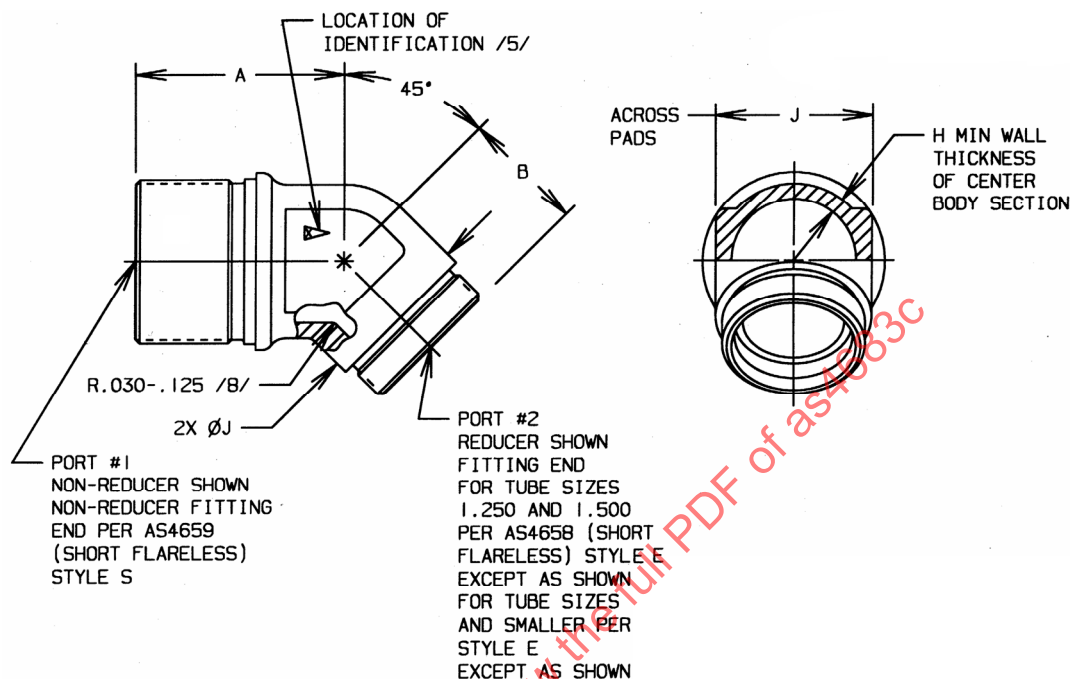
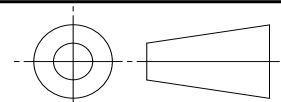


FIGURE 1 - FITTING, ELBOW, 45°, REDUCER

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS4683C>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ AS18280

SAE Aerospace
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AEROSPACE STANDARD

(R) FITTING, ELBOW, 45°, REDUCER AND NON-REDUCER, BULKHEAD, FLARELESS AND SHORT FLARELESS

SAE AS4683
SHEET 1 OF 6

REV.
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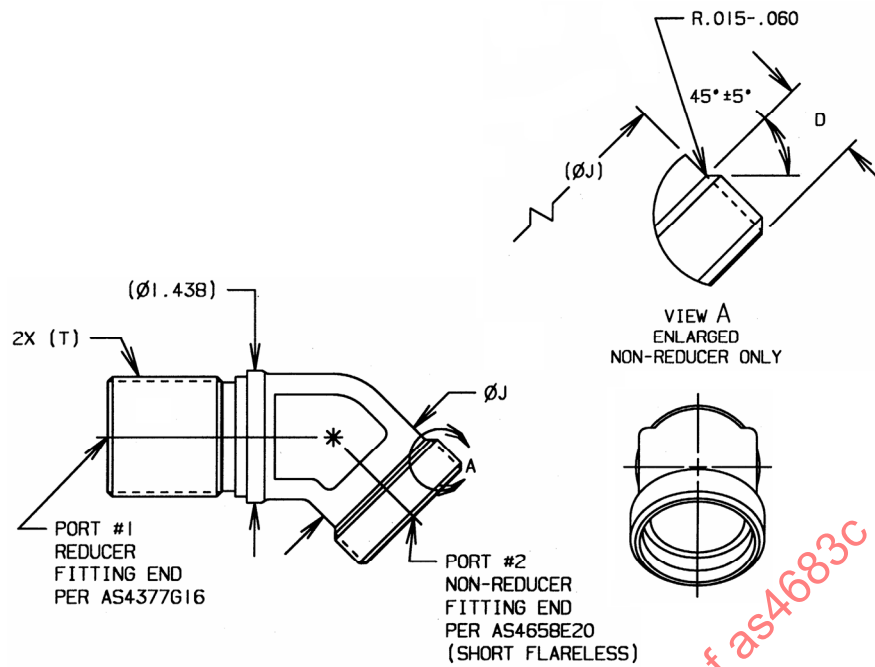


FIGURE 2A - FITTING, ELBOW, 45°, SIZE 16
BULKHEAD REDUCER TO SIZE 20 SHORT END

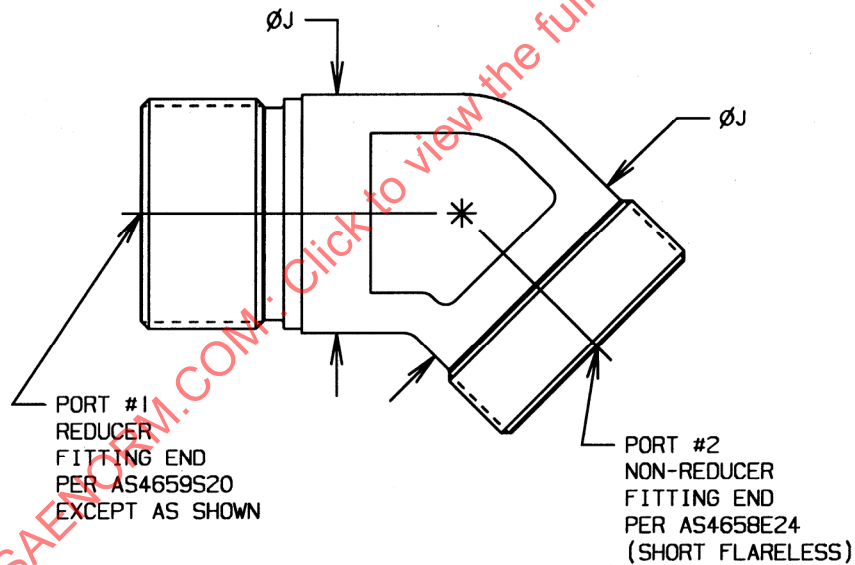


FIGURE 2B - FITTING, ELBOW, 45°, SIZE 20
BULKHEAD REDUCER TO SIZE 24 SHORT END

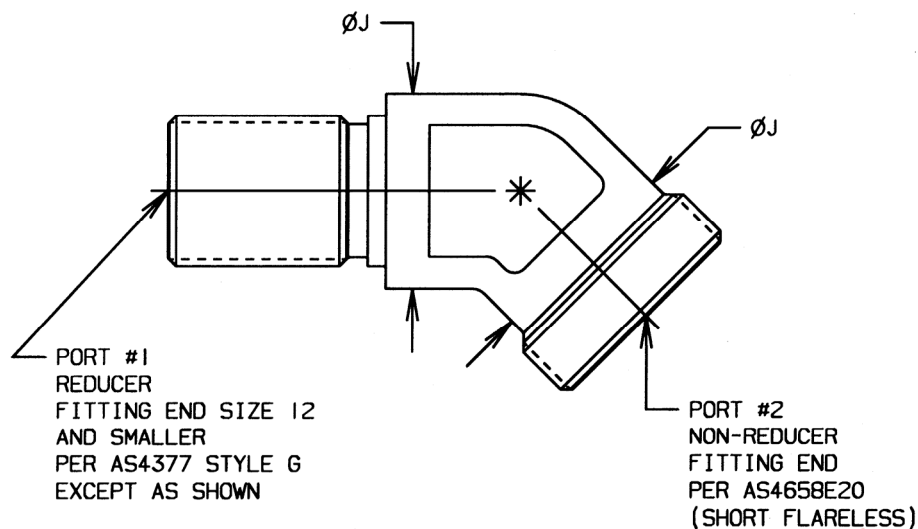


FIGURE 2C - FITTING, ELBOW, 45°, SIZE 12
AND SMALLER BULKHEAD REDUCER TO SIZE 20 SHORT END

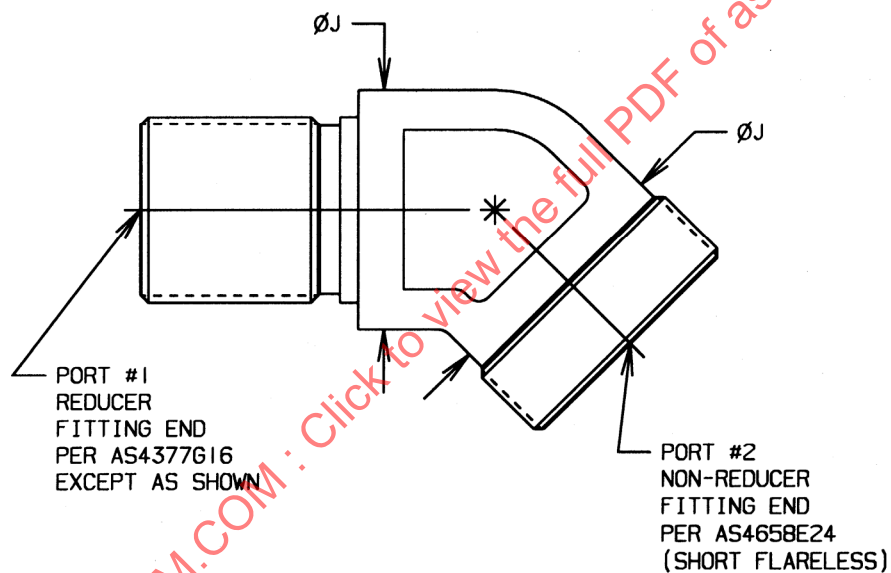


FIGURE 2D - FITTING, ELBOW, 45°, SIZE 16
BULKHEAD REDUCER TO SIZE 24 SHORT END

TABLE 1 - DIMENSIONS AND WEIGHTS /10/

BASIC NO. AS4683 /9/ /19/ SIZE CODE	D	H	J +.005/- .020	LB/EA APPROX REF ALUM	LB/EA APPROX REF STEEL	LB/EA APPROX REF Ti
20	.517	.124	1.375	.315	.874	.500
24	.614	.156	1.688	.427	1.18	.677

TABLE 2 - LEG LENGTH A /11/

SIZE OF PORT	FORGING SIZE /9/ 20	FORGING SIZE /9/ 24
02	1.852	1.867
03	1.899	1.914
04	1.962	1.977
05	1.962	2.023
06	2.008	2.195
08	2.180	2.336
10	2.324	2.445
12	2.430	2.445
14	2.430	2.445
16	2.430	2.445
20	2.217	2.233
24	--	2.233

TABLE 3 - LEG LENGTH B /11/

SIZE OF PORT	FORGING SIZE /9/ 20	FORGING SIZE /9/ 24
02	1.149	1.242
03	1.199	1.289
04	1.226	1.320
05	1.226	1.320
06	1.243	1.336
08	1.335	1.429
10	1.398	1.429
12	1.461	1.555
14	1.461	1.555
16	1.461	1.555
20	1.236	1.330
24	--	1.330