

REV.
C

SAE AS4689

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.

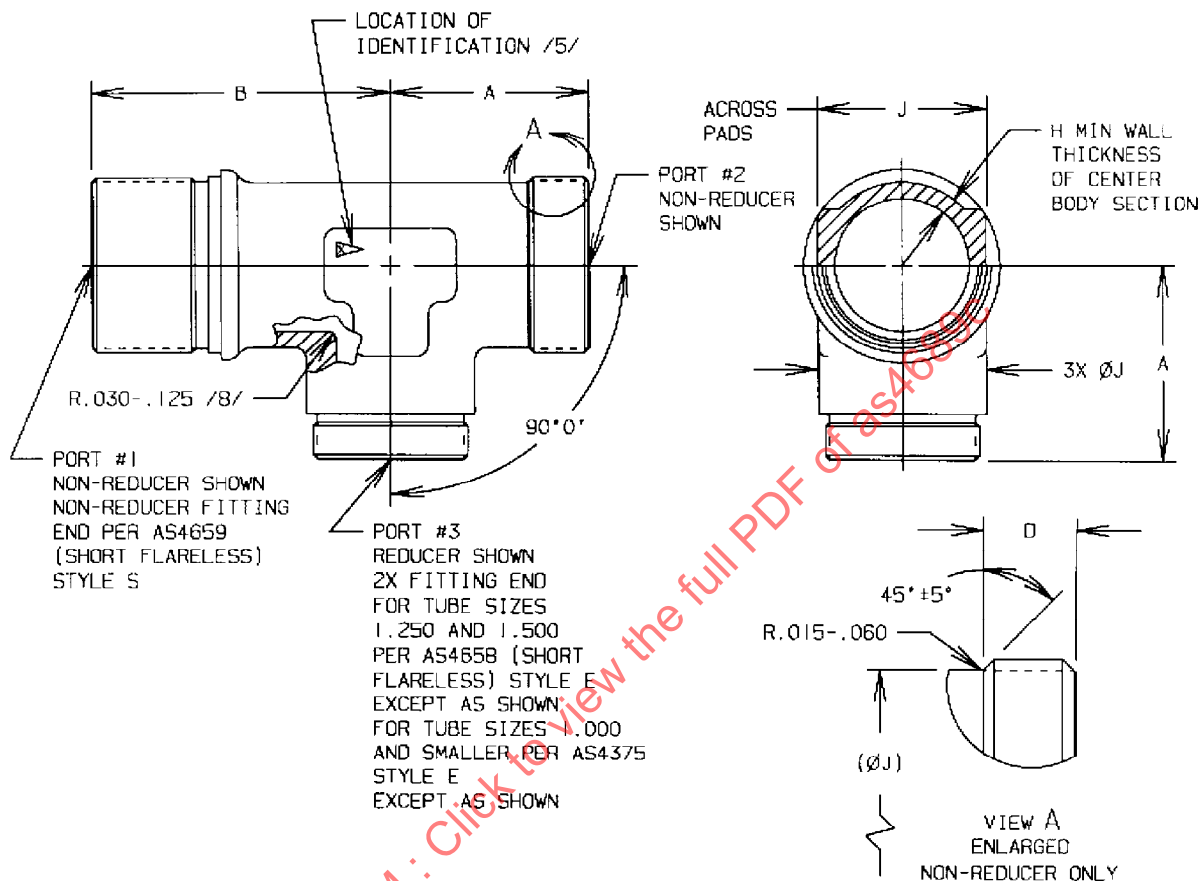
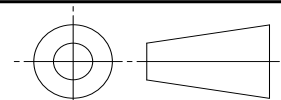


FIGURE 1 - FITTING, TEE, REDUCER

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS4689C>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ AS18280

SAE Aerospace
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AEROSPACE STANDARD

(R) FITTING, TEE, REDUCER,
BULKHEAD ON RUN,
FLARELESS AND SHORT FLARELESS

SAE AS4689
SHEET 1 OF 6

REV.
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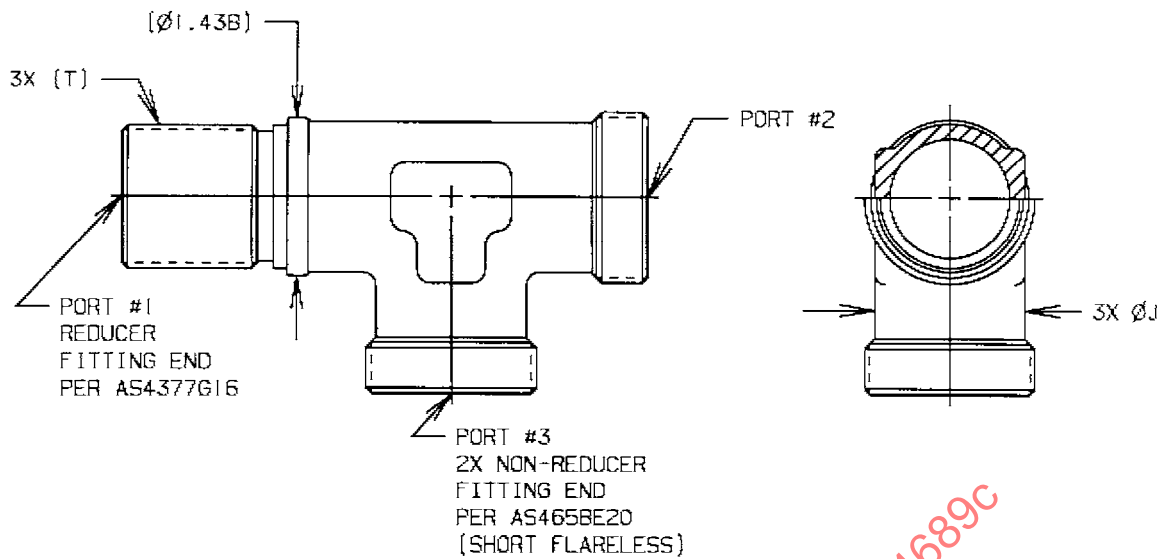


FIGURE 2A - FITTING, TEE, SIZE 16
BULKHEAD REDUCER TO SIZE 20 SHORT ENDS

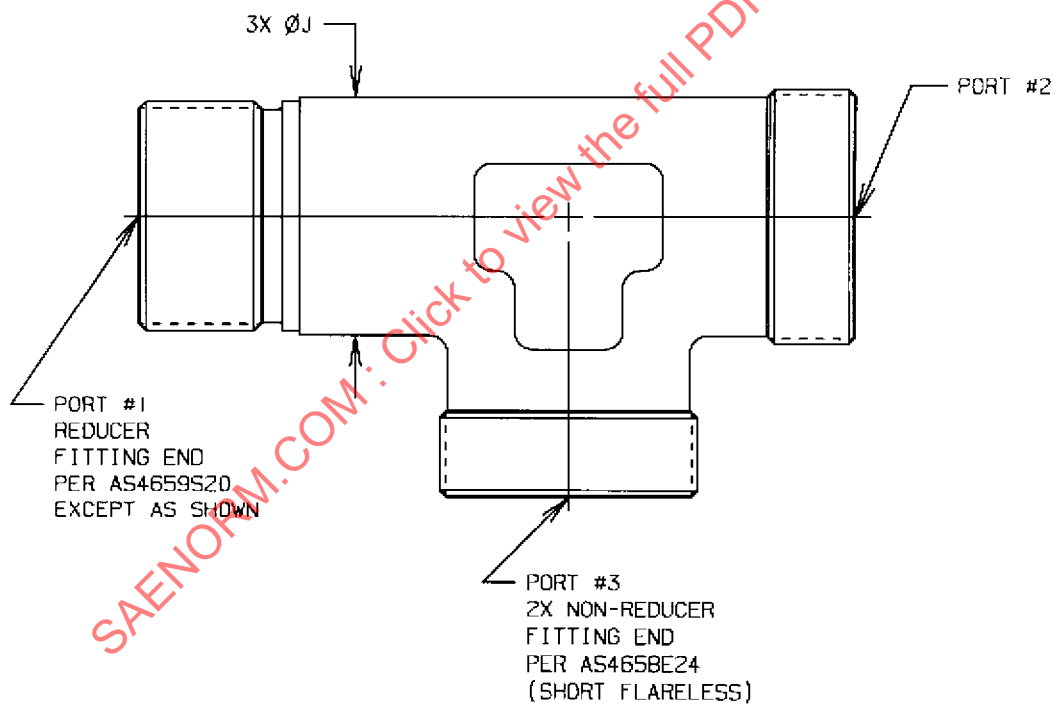


FIGURE 2B - FITTING, TEE, SIZE 20
BULKHEAD REDUCER TO SIZE 24 SHORT ENDS

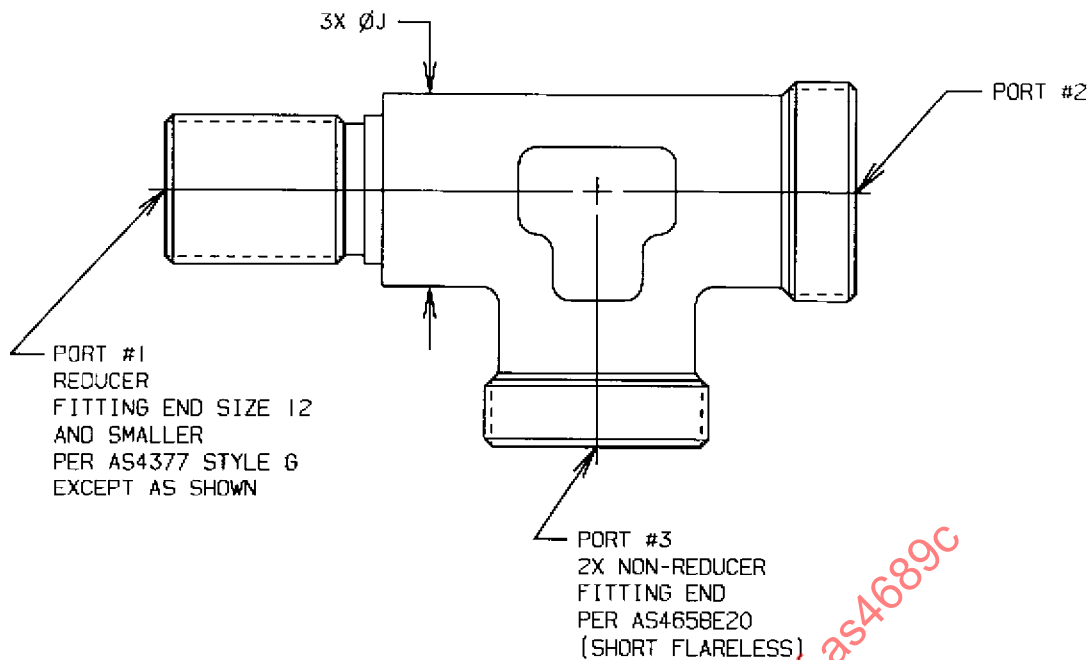


FIGURE 2C - FITTING, TEE, SIZE 12 AND SMALLER
BULKHEAD REDUCER TO SIZE 20 SHORT ENDS

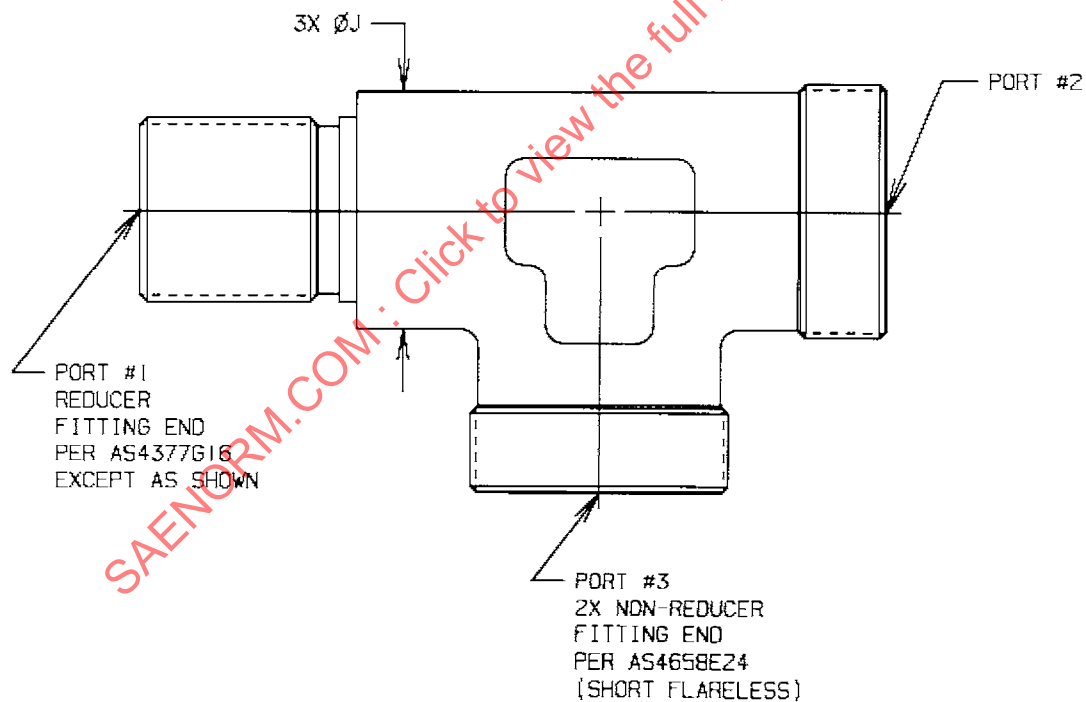


FIGURE 2D - FITTING, TEE, SIZE 16
BULKHEAD REDUCER TO SIZE 24 SHORT ENDS

TABLE 1 - DIMENSIONS AND WEIGHTS /10/

BASIC NO. AS4689 /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	.426	1.18	.640
24	.614	.156	1.688	.630	1.74	.998

TABLE 2 - LEG LENGTH A /11/

SIZE OF PORT	FORGING SIZE /9/ 20	FORGING SIZE /9/ 24
02	1.710	1.898
03	1.757	1.945
04	1.788	1.976
05	1.788	1.976
06	1.804	1.992
08	1.897	2.085
10	1.960	2.148
12	2.023	2.211
14	2.023	2.211
16	2.023	2.211
20	1.798	1.986
24	-	1.986

TABLE 3 - LEG LENGTH B /11/

SIZE OF PORT	FORGING SIZE /9/ 20	FORGING SIZE /9/ 24
02	2.320	2.602
03	2.367	2.649
04	2.430	2.712
05	2.430	2.712
06	2.476	2.758
08	2.648	2.930
10	2.789	3.071
12	2.989	3.180
14	2.989	3.180
16	2.989	3.180
20	2.686	2.968
24	-	2.968