

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV.
E

AS1584

FEDERAL SUPPLY CLASS
4730

RATIONALE

REVISE ACTIVATION DATES FOR PRI-QPL-AS1576.

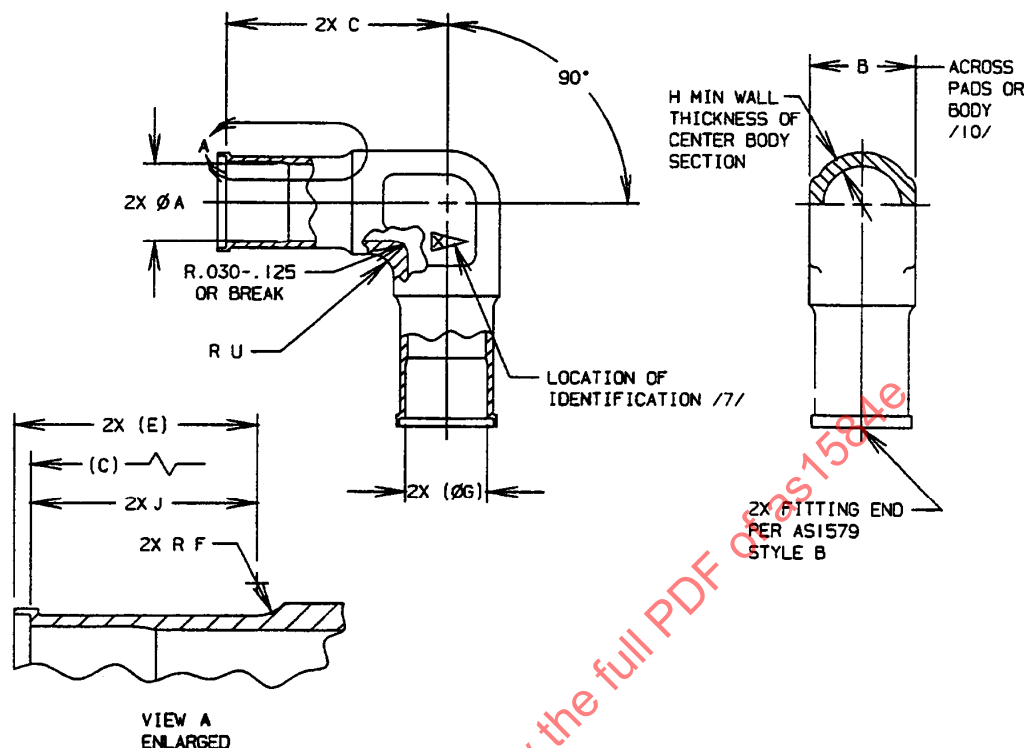


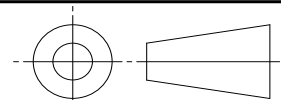
FIGURE 1 - FITTING, ELBOW, 90 DEGREE

TABLE 1 - DIMENSIONS

BASIC NO. AS1584 /17/ SIZE CODE	(NOMINAL TUBE SIZE)	(NOMINAL TUBE WALL)	A	B	C ±.010	E	F
04	.250	.016	.187	.376-.393	.840	.650	.090
05	.312	.020	.234	.438-.455	.895	.650	.090
06	.375	.020	.297	.438-.455	.982	.650	.090
08	.500	.026	.422	.563-.581	1.188	.650	.090
10	.625	.033	.515	.688-.706	1.250	.830	.125
12	.750	.039	.656	.876-.894	1.400	.870	.125
16	1.000	.052	.875	1.121-1.146	1.625	1.000	.125
20	1.250	.065	1.093	1.370-1.395	1.750	1.125	.125

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS1584E>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS1576 /6/



AEROSPACE STANDARD

FITTING, ELBOW, 90 DEGREE,
INTEGRAL WELD RING, 3000 PSI

AS1584
SHEET 1 OF 3

REV.
E

TABLE 1A - DIMENSIONS AND WEIGHTS

BASIC NO. AS1584 /17/ SIZE CODE	G	H	J	U ±.030	LB APPROX REF CRES	LB APPROX REF TI
04	.212	.050	.615	.090	.0241	.0133
05	.266	.050	.615	.090	.0322	.0177
06	.329	.050	.615	.120	.0367	.0203
08	.442	.050	.605	.120	.0624	.0344
10	.553	.070	.785	.190	.110	.0609
12	.666	.080	.815	.190	.185	.102
16	.890	.090	.935	.190	.326	.180
20	1.114	.110	1.050	.190	.517	.285

NOTES:

/1/ MATERIAL:

- a. CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY FORGING OR BAR PER AMS4928.
- b. CODE LETTER V - TYPE 15-5PH CORROSION RESISTANT STEEL FORGING OR BAR PER AMS5659.

2. HEAT TREATMENT:

- a. MATERIAL CODE LETTER T - NONE
- b. MATERIAL CODE LETTER V - HEAT TREAT TO CONDITION H 1075 PER AMS2759/3.

3. FINISH: NONE.

/4/ CLEANING:

- a. NO SUFFIX CODE LETTER IN PART NUMBER - CLEAN BY ANY SUITABLE METHOD PER PROCUREMENT SPECIFICATION.
- b. SUFFIX CODE LETTER "C" IN PART NUMBER - HOT ALKALINE CLEAN PER PROCUREMENT SPECIFICATION.
- c. SUFFIX CODE LETTER "E" IN PART NUMBER FOR TITANIUM ALLOY PARTS ONLY - NITRIC-HYDROFLUORIC ACID ETCH PER PROCUREMENT SPECIFICATION.

5. PACKAGING: PER PROCUREMENT SPECIFICATION.

/6/ PROCUREMENT SPECIFICATION: AS1576 UNLESS OTHERWISE SPECIFIED ON THIS STANDARD PRODUCT SUPPLIED TO THIS SPECIFICATION SHALL BE MANUFACTURED BY AN ACCREDITED MANUFACTURER AS LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED PRODUCTS LIST PRI-QPL-AS1576 FOR THIS STANDARD. SEE www.eAuditNet.com FOR CURRENT QPL ONLINE.

THIS QPL REQUIREMENT SHALL BE IN EFFECT FOR PURCHASE ORDERS PLACED ON OR AFTER **JULY 1, 2014**. SUPPLIERS SEEKING LISTING ON THE INITIAL QPL MUST APPLY TO PRI FOR APPROVAL NO LATER THAN **JANUARY 1, 2014**. UNTIL THE QPL IS IN EFFECT, USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVALS. TRANSITION TO PRI-QPL SHALL BE COMPLETED BY JULY 1, 2014.

/7/ IDENTIFICATION AT LOCATION SHOWN: MARK PER AS478 CLASS C OR D OR METHOD 7A3, 15A3, OR 15B MANUFACTURER'S IDENTIFICATION, CAGE CODE NUMBER OR TRADEMARK, BASIC PART NUMBER FOR SIZE 08 AND LARGER, LETTERS "AS" FOR SIZE 06 AND SMALLER AND MATERIAL CODE LETTER.

	AEROSPACE STANDARD		AS1584 SHEET 2 OF 3	REV. E
	FITTING, ELBOW, 90 DEGREE, INTEGRAL WELD RING, 3000 PSI			