FEDERAL SUPPLY CLASS
4730

RATIONALE

AS4232C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

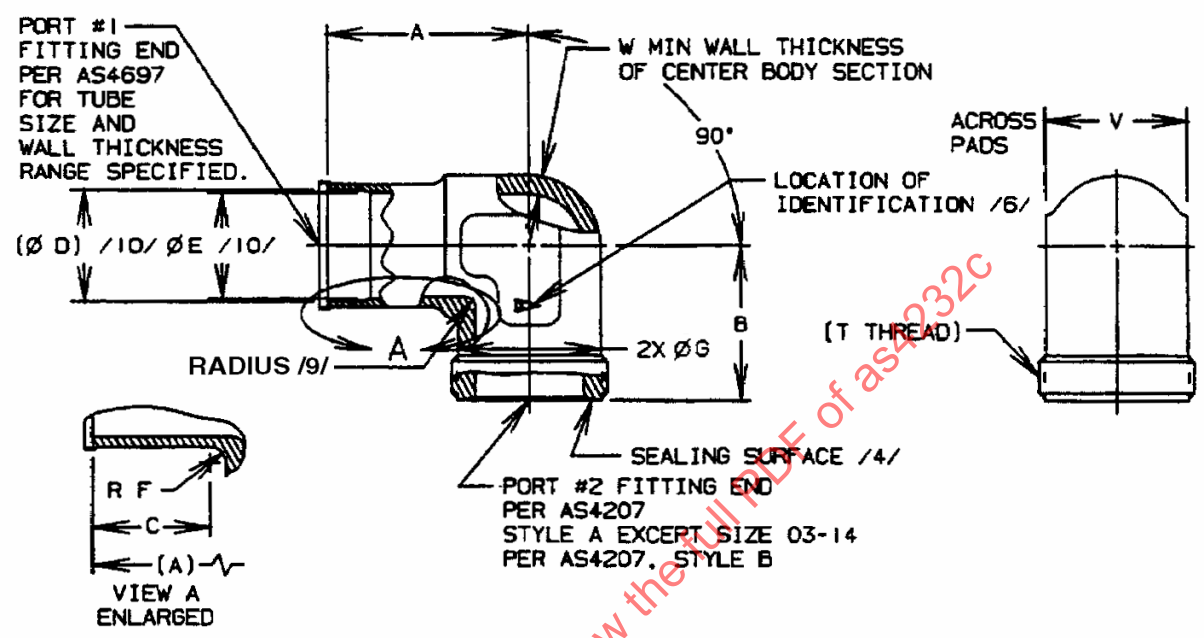
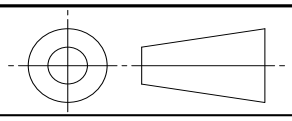


FIGURE 1 - FITTING, ELBOW, 90°

THIRD ANGLE PROJECTION



ISSUED 1996-05 REVISED 2007-09 REAFFIRMED 2015-04

CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /5/ AS4510

SAE INTERNATIONAL

AEROSPACE STANDARD

FITTING, ELBOW, 90º, EXTERNAL THREAD,
BEAM SEAL TO INTEGRAL WELD RING

TO PLACE A DOCUMENT ORDER: **Tel: 877-606-7323 (inside USA and Canada)** **Tel: +1 724-776-4970 (outside USA)**
Fax: 724-776-0790 **Email: CustomerService@sae.org** **SAE WEB ADDRESS: http://www.sae.org**

TABLE 1A - DIMENSIONS

BASIC NO. AS4232 /16/ SIZE AND TUBE WALL CODES	RANGE OF NOMINAL TUBE WALL FOR PORT #2 /7/ /16/	(NOMINAL TUBE SIZE)	PORT #1 STYLE /10/	T THREAD PER AS8879 CLASS 3A	A	B	C	D /10/
03-018	.016-.018	.188	A	.3750-28 UNJS	.832	.575	.530	.146
03-022	.019-.022	.188	A	.3750-28 UNJS	.832	.575	.530	.138
04-022	.019-.022	.250	B	.4375-24 UNJS	.832	.617	.500	.200
05-022	.019-.022	.312	B	.5000-24 UNJS	.887	.653	.520	.262
05-028	.023-.028	.312	B	.5000-24 UNJS	.887	.653	.520	.250
06-022	.019-.022	.375	B	.5625-20 UNJS	1.005	.704	.670	.325
06-028	.023-.028	.375	B	.5625-20 UNJS	1.005	.704	.670	.313
06-032	.029-.032	.375	B	.5625-20 UNJS	1.005	.704	.670	.305
08-022	.019-.022	.500	B	.7188-20 UNJS	1.180	.824	.700	.450
08-043	.033-.043	.500	B	.7188-20 UNJS	1.180	.824	.700	.408
10-028	.023-.028	.625	B	.8438-18 UNJS	1.243	.955	.660	.563
10-043	.033-.043	.625	B	.8438-18 UNJS	1.243	.955	.660	.533
10-055	.044-.055	.625	A	.8438-18 UNJS	1.243	.955	.660	.509
12-028	.023-.028	.750	B	1.0000-16 UNJ	1.392	1.062	.730	.688
12-055	.044-.055	.750	A	1.0000-16 UNJ	1.392	1.062	.730	.634
12-065	.056-.065	.750	A	1.0000-16 UNJ	1.392	1.062	.730	.614
14-032	.029-.032	.875	B	1.1250-16 UNJ	1.562	1.216	.840	.805
14-065	.056-.065	.875	A	1.1250-16 UNJ	1.562	1.216	.840	.739
16-043	.033-.043	1.000	B	1.2500-14 UNJS	1.617	1.246	.830	.908
16-078	.066-.078	1.000	A	1.2500-14 UNJS	1.617	1.246	.830	.838
16-089	.079-.089	1.000	A	1.2500-14 UNJS	1.617	1.246	.830	.816
20-055	.044-.055	1.250	B	1.5781-14 UNJS	1.750	1.387	.750	1.134
20-089	.079-.089	1.250	A	1.5781-14 UNJS	1.750	1.387	.750	1.066
24-055	.044-.055	1.500	B	1.8438-14 UNJS	1.900	1.688	.760	1.384

TABLE 1B - DIMENSIONS AND WEIGHTS

BASIC NO. AS4232 /16/ SIZE AND TUBE WALL CODES	E /10/	F ±.005	G MIN	V	W	RECOMMENDED MAXIMUM PRESSURE PSI /7/	LB/EA MAX CRES	LB/EA MAX TI
03-018	—	.080	.285	.360- .377	.055	5000	.0397	.0227
03-022	—	.080	.285	.360- .377	.055	5000	.0397	.0227
04-022	.184- .194	.080	.329	.360- .377	.060	5000	.0422	.0241
05-022	.232- .242	.080	.391	.423- .440	.060	4000	.0573	.0328
05-028	.232- .242	.080	.391	.423- .440	.060	5000	.0573	.0328
06-022	.297- .307	.090	.454	.485- .502	.060	3000	.0748	.0427
06-028	.297- .307	.090	.454	.485- .502	.060	4000	.0748	.0427
06-032	.297- .307	.090	.454	.485- .502	.060	5000	.0748	.0427
08-022	.398- .408	.090	.547	.547- .565	.065	2000	.0982	.0561
08-043	.398- .408	.090	.547	.547- .565	.065	5000	.0982	.0561
10-028	.512- .523	.125	.673	.673- .691	.070	2000	.143	.0820
10-043	.512- .523	.125	.673	.673- .691	.070	4000	.143	.0820
10-055	—	.125	.673	.673- .691	.070	5000	.143	.0820
12-028	.649- .660	.125	.860	.860- .878	.095	2000	.234	.133
12-055	—	.125	.860	.860- .878	.095	4000	.234	.133
12-065	—	.125	.860	.860- .878	.095	5000	.234	.133
14-032	.769- .780	.125	1.110	1.110-1.128	.105	2000	.461	.263
14-065	—	.125	1.110	1.110-1.128	.105	4000	.461	.263
16-043	.862- .874	.125	1.110	1.110-1.128	.110	2000	.413	.236
16-078	—	.125	1.110	1.110-1.128	.110	4000	.413	.236
16-089	—	.125	1.110	1.110-1.128	.110	5000	.413	.236
20-055	1.115-1.128	.180	1.360	1.355-1.380	.110	2000	.572	.327
20-089	—	.180	1.360	1.355-1.380	.110	4000	.572	.327
24-055	1.324-1.337	.180	1.610	1.605-1.630	.130	2000	.894	.511

NOTES:

/1/ MATERIAL:

a. CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY FORGING OR BAR PER AMS 4965.

b. CODE LETTER P - TYPE 17-4PH CORROSION RESISTANT STEEL FORGING OR BAR PER AMS 5643.

c. CODE LETTER V - TYPE 15-5PH CORROSION RESISTANT STEEL FORGING OR BAR PER AMS 5659.

2. HEAT TREATMENT:

a. MATERIAL CODE LETTER T - NONE.

b. MATERIAL CODE LETTERS P AND V - HEAT TREAT TO CONDITION H 1075 PER AMS 2759/3.

3. FINISH:

a. MATERIAL CODE LETTER T - NONE.

b. MATERIAL CODE LETTER P AND V - PASSIVATE PER AMS 2700.