

REV.
H

AS1708™

FEDERAL SUPPLY CLASS
4730

RATIONALE

REMOVE DIM M FROM STYLE E - CONSTRAINED DIMENSION.

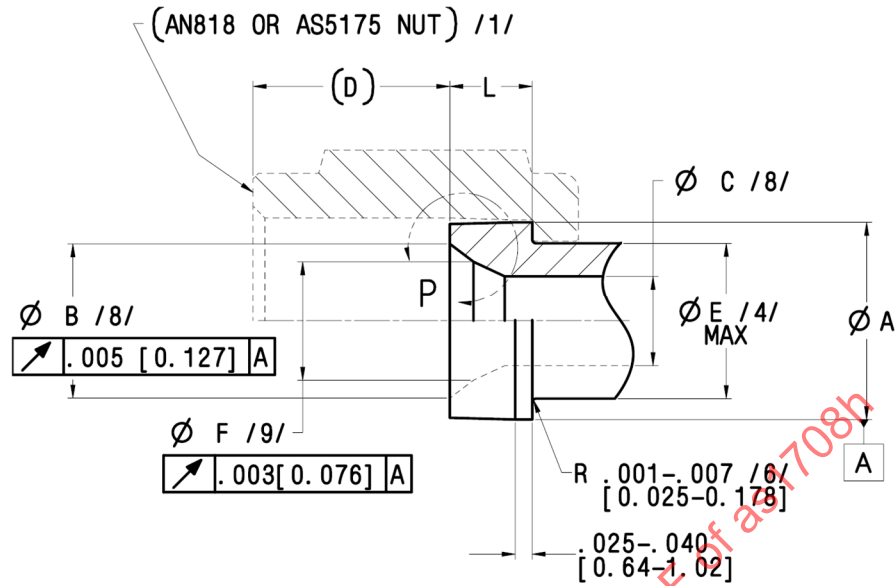


FIGURE 1 - FITTING END DESIGN, STYLE A

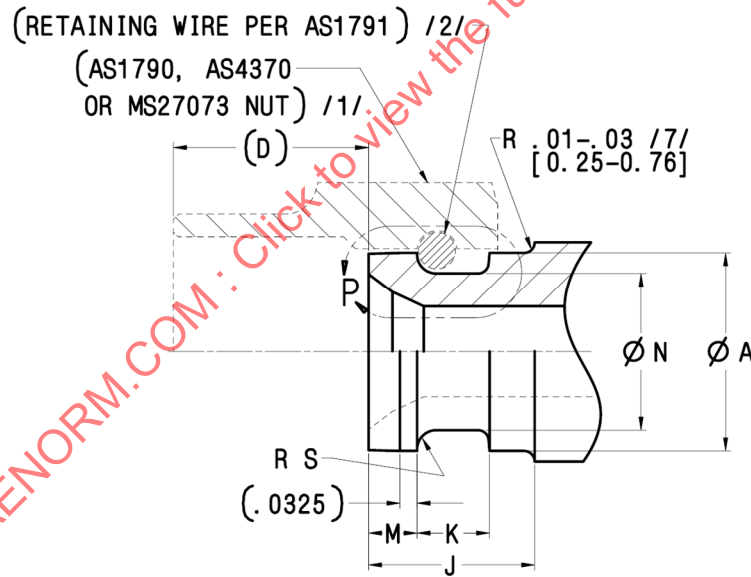
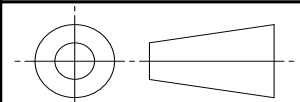


FIGURE 2 - FITTING END DESIGN, STYLE B
SAME AS STYLE A EXCEPT AS SHOWN

For more information on this standard, visit
<https://www.sae.org/standards/content/AS1708H/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

FITTING END,
INTERNAL FLARE,
DESIGN STANDARD

AS1708™
SHEET 1 OF 7

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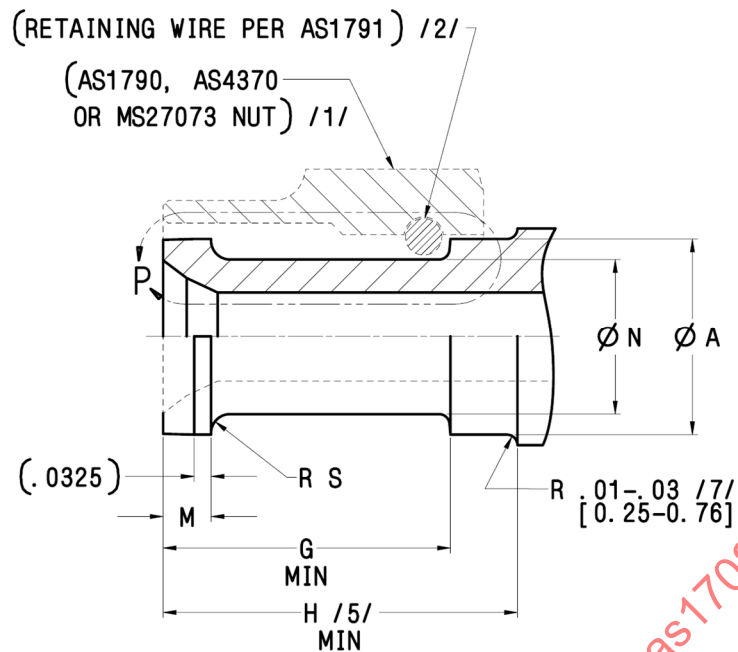
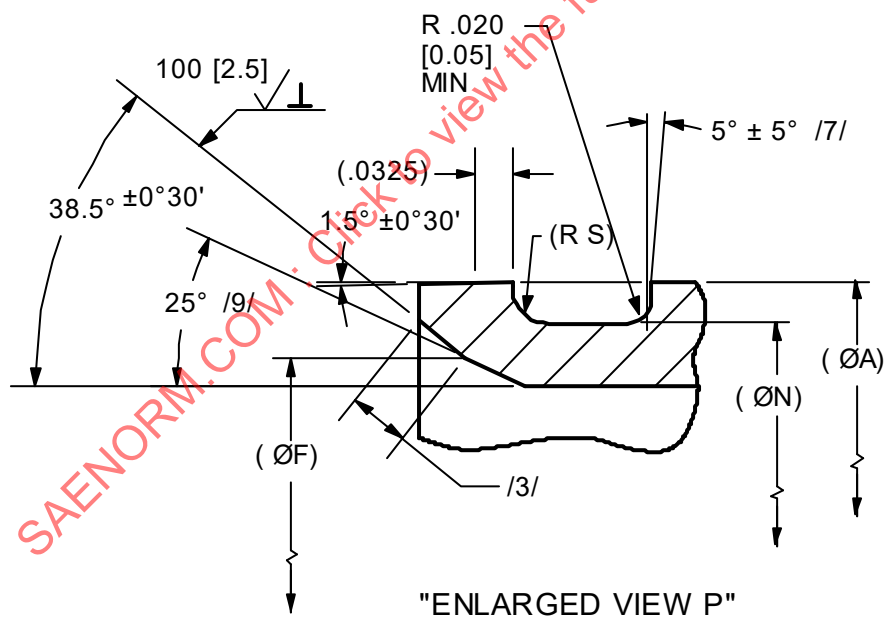


FIGURE 3 - FITTING END DESIGN, STYLE C
 SAME AS STYLE A EXCEPT AS SHOWN



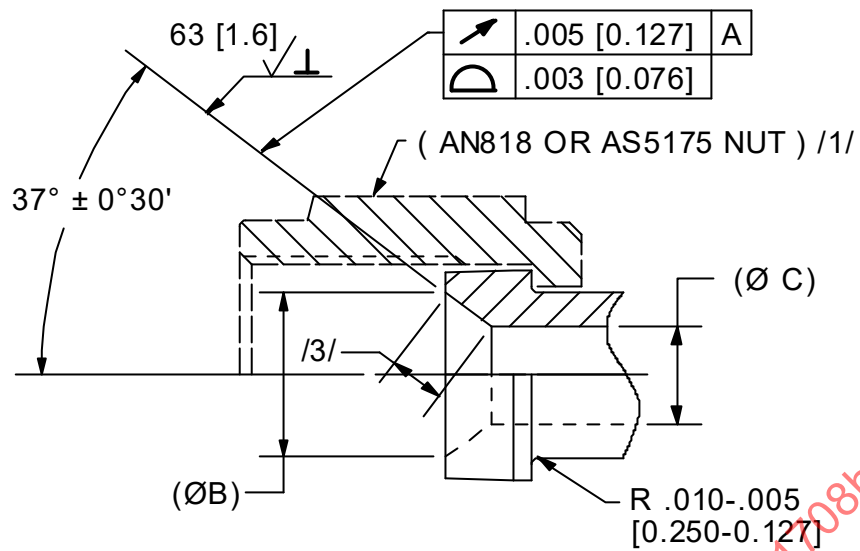


FIGURE 4 - FITTING END DESIGN, STYLE D /11/
SAME AS STYLE A EXCEPT AS SHOWN

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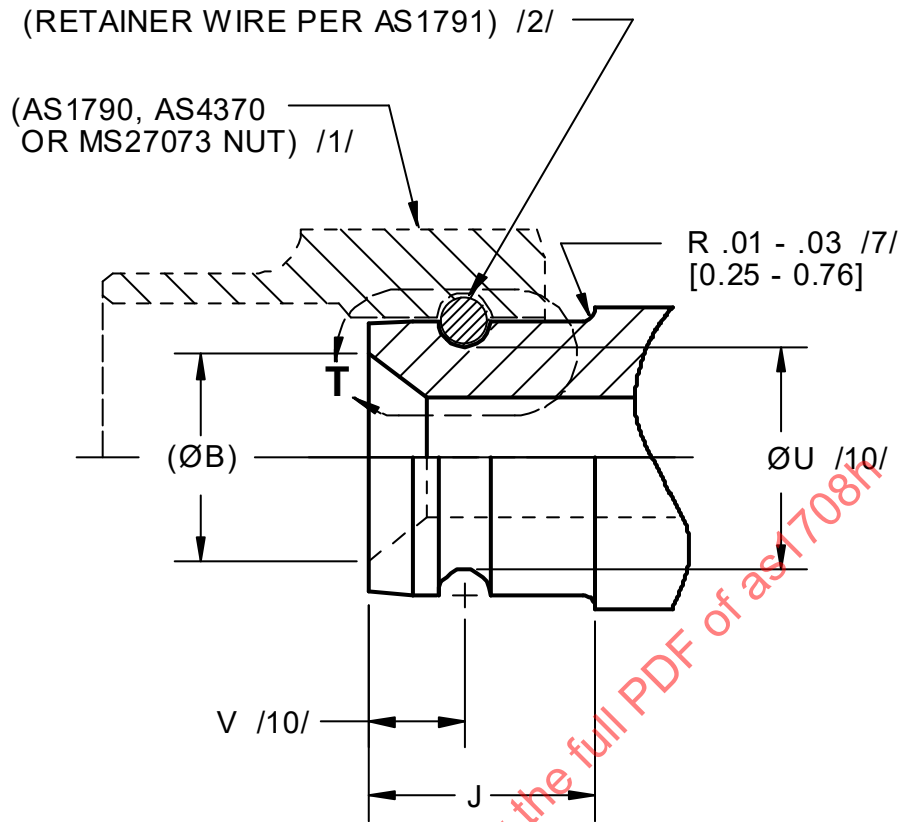


FIGURE 5 - FITTING END DESIGN, STYLE E /11/
SAME AS STYLE D EXCEPT AS SHOWN

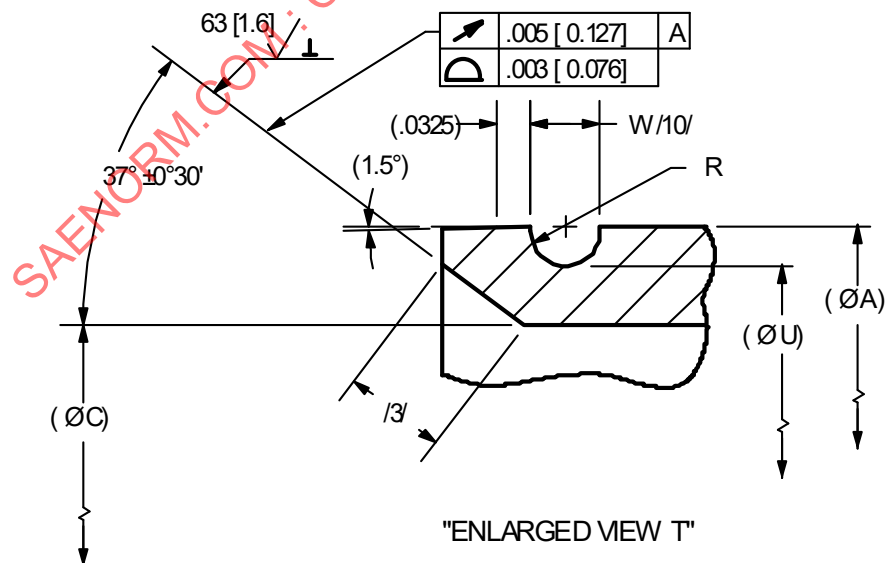


TABLE 1A - DIMENSIONS A-G, ENGLISH UNITS (INCHES)

BASIC NO. AS1708 /17/ SIZE CODE	TUBE SIZE	A	B	C	D	E	F +.015 -.000	G
02	.125	.261- .264	.195	.058- .065	.337	.172	.125	.510
03	.187	.321- .326	.245	.121- .128	.337	.235	.180	.523
04	.250	.374- .379	.295	.168- .175	.375	.297	.227	.548
05	.312	.437- .442	.355	.230- .237	.375	.367	.289	.603
06	.375	.499- .504	.435	.293- .301	.375	.433	.352	.626
07	.437	.556- .561	.498	.355- .363	.396	.495	.446	.646
08	.500	.679- .684	.570	.387- .395	.438	.563	.467	.720
09	.562	.735- .740	.633	.414- .422	.424	.627	.541	.776
10	.625	.795- .800	.680	.480- .488	.515	.691	.580	.822
11	.687	.900- .905	.799	.542- .552	.581	.763	.658	.955
12	.750	.970- .975	.850	.604- .614	.562	.827	.709	.854
14	.875	1.086-1.091	.985	.729- .739	.624	.954	.845	.941
16	1.000	1.218-1.224	1.103	.839- .851	.620	1.082	.958	.949
18	1.125	1.398-1.403	1.293	.948- .960	.637	1.210	1.080	1.052
20	1.250	1.530-1.536	1.410	1.073-1.086	.620	1.340	1.200	1.033
24	1.500	1.781-1.786	1.625	1.307-1.320	.765	1.610	1.436	1.179
28	1.750	2.156-2.161	2.014	1.542-1.557	.832	1.883	1.723	1.286
32	2.000	2.405-2.410	2.240	1.776-1.791	.937	2.160	1.947	1.414
40	2.500	2.906-2.911	2.760	2.276-2.291	.752	2.660	2.460	-
48	3.000	3.406-3.411	3.258	2.776-2.791	.852	3.173	2.960	-

TABLE 1B - DIMENSIONS A-G, SI UNITS (MILLIMETERS)

BASIC NO. AS1708 /17/ SIZE CODE	TUBE SIZE	A	B	C	D	E	F +0.38 -0.00	G
02	3.18	6.63- 6.71	4.95	1.47- 1.65	8.56	4.37	3.18	12.95
03	4.75	8.15- 8.28	6.22	3.07- 3.25	8.56	5.97	4.57	13.28
04	6.35	9.50- 9.63	7.49	4.27- 4.45	9.53	7.54	5.77	13.92
05	7.92	11.10-11.23	9.02	5.84- 6.02	9.53	9.32	7.34	15.32
06	9.53	12.67-12.80	11.05	7.44- 7.65	9.53	11.00	8.94	15.90
07	11.10	14.12-14.25	12.65	9.02- 9.22	10.06	12.58	11.33	16.41
08	12.70	17.25-17.37	14.48	9.83-10.03	11.13	14.30	11.86	18.29
09	14.27	18.67-18.80	16.08	10.52-10.72	10.77	15.93	13.74	19.71
10	15.88	20.19-20.32	17.27	12.19-12.4	13.08	17.55	14.73	20.88
11	17.45	22.86-22.99	20.29	13.77-14.02	14.76	19.38	16.71	24.26
12	19.05	24.64-24.77	21.59	15.34-15.6	14.27	21.01	18.01	21.69
14	22.23	27.58-27.71	25.02	18.52-18.77	15.85	24.23	21.46	23.90
16	25.4	30.94-31.09	28.016	21.31-21.62	15.75	27.48	24.33	24.10
18	28.58	35.51-35.64	32.84	24.08-24.38	16.18	30.73	27.43	26.72
20	31.75	38.86-39.01	35.81	27.25-27.58	15.75	34.04	30.48	26.24
24	38.10	45.24-45.36	41.28	33.2 -33.53	19.43	40.89	36.47	29.95
28	44.45	54.76-54.89	51.16	39.17-39.55	21.13	47.83	43.76	32.66
32	50.80	61.09-61.21	56.90	45.11-45.49	23.80	54.86	49.45	35.92
40	63.50	73.81-73.94	70.10	57.81-58.19	19.10	67.56	62.48	-
48	76.20	86.51-86.64	82.75	70.51-70.89	21.64	80.59	75.18	-



AEROSPACE STANDARD

FITTING END,
INTERNAL FLARE,
DESIGN STANDARD

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SHEET 5 OF 7

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