

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 reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

REV.
C

AS1708

FEDERAL SUPPLY CLASS
4730

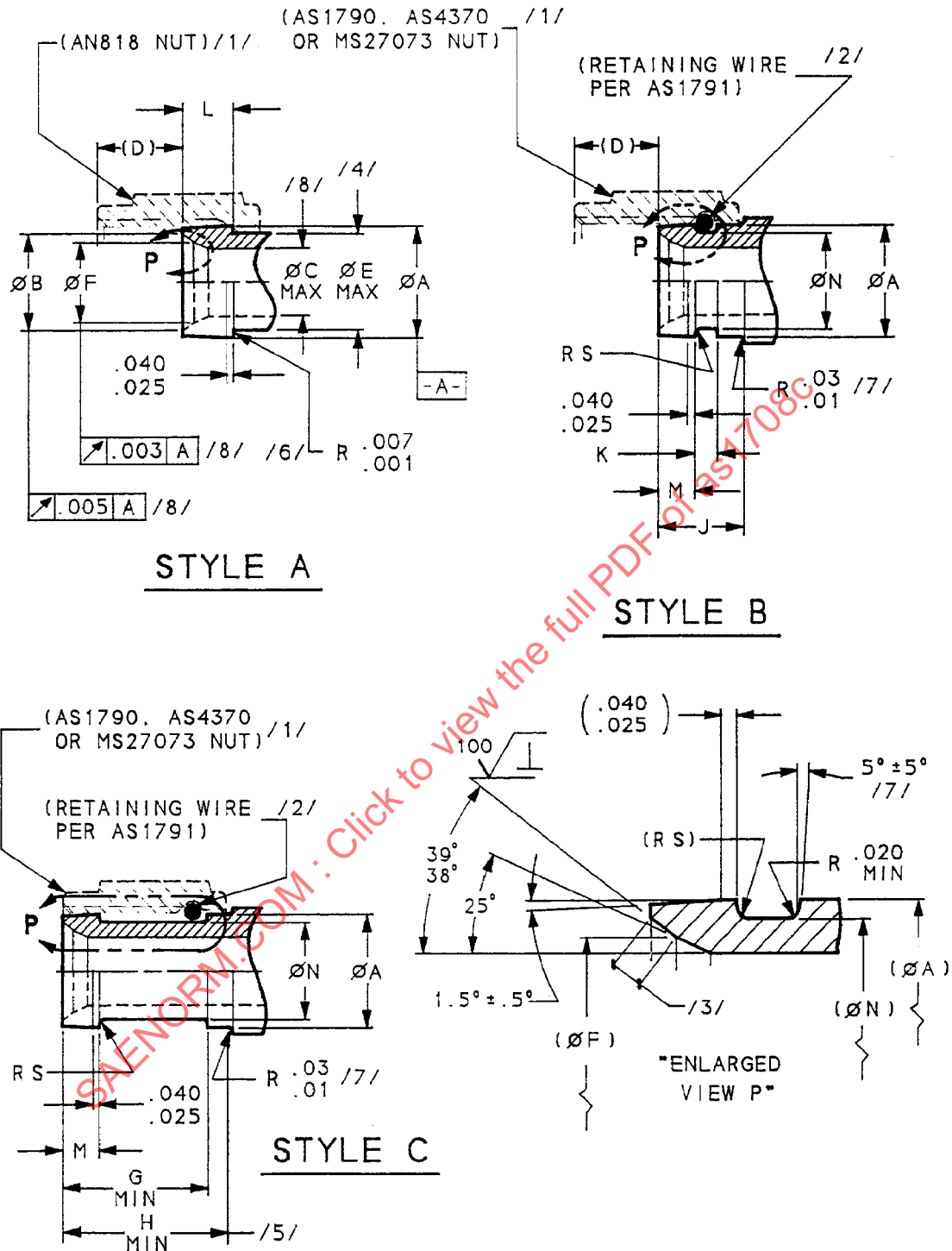
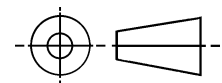


FIGURE 1 - FITTING END, INTERNAL FLARE

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

FITTING END, INTERNAL FLARE
DESIGN STANDARD

AS1708
SHEET 1 OF 3

REV.
C

REV.
C

AS1708

TABLE 1A - STANDARD DIMENSIONS A-G

BASIC NUMBER								
AS1708								
/14/	TUBE							
SIZE CODE	SIZE	A	B	C	D	E	F +.015 -.000	G
02	.125	.261 - .264	.195	.065	.337	.172	.125	.510
03	.187	.321 - .326	.245	.128	.337	.235	.180	.523
04	.250	.374 - .379	.295	.175	.375	.297	.227	.548
05	.312	.437 - .442	.355	.237	.375	.367	.289	.603
06	.375	.499 - .504	.435	.301	.375	.433	.352	.626
08	.500	.679 - .684	.570	.395	.438	.563	.467	.720
10	.625	.795 - .800	.680	.488	.515	.691	.580	.822
12	.750	.970 - .975	.850	.614	.562	.827	.709	.854
16	1.000	1.218 - 1.224	1.103	.851	.620	1.082	.958	.949
20	1.250	1.530 - 1.536	1.410	1.085	.620	1.340	1.200	1.033
24	1.500	1.781 - 1.786	1.625	1.319	.765	1.610	1.436	1.179
32	2.000	2.405 - 2.410	2.240	1.791	.937	2.160	1.947	1.414

TABLE 1B - STANDARD DIMENSIONS H-S

BASIC NUMBER								
AS1708								
/14/	TUBE							
SIZE CODE	SIZE	H	J	K	L +.005	M +.005	N +.000 -.005	S +.004
02	.125	.631	.304	.134	.123	.089	.178	.036
03	.187	.634	.307	.134	.169	.105	.243	.036
04	.250	.680	.315	.134	.157	.092	.298	.036
05	.312	.727	.362	.142	.204	.140	.346	.040
06	.375	.758	.393	.142	.228	.163	.403	.040
08	.500	.883	.455	.157	.285	.180	.564	.047
10	.625	1.008	.503	.157	.302	.204	.679	.047
12	.750	1.055	.503	.187	.306	.160	.821	.062
16	1.000	1.165	.555	.187	.342	.198	1.068	.062
20	1.250	1.258	.648	.187	.397	.282	1.382	.062
24	1.500	1.446	.691	.187	.405	.282	1.635	.062
32	2.000	1.774	.847	.187	.525	.345	2.265	.062