

REV.
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AS1708

FEDERAL SUPPLY CLASS
4730

RATIONALE

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

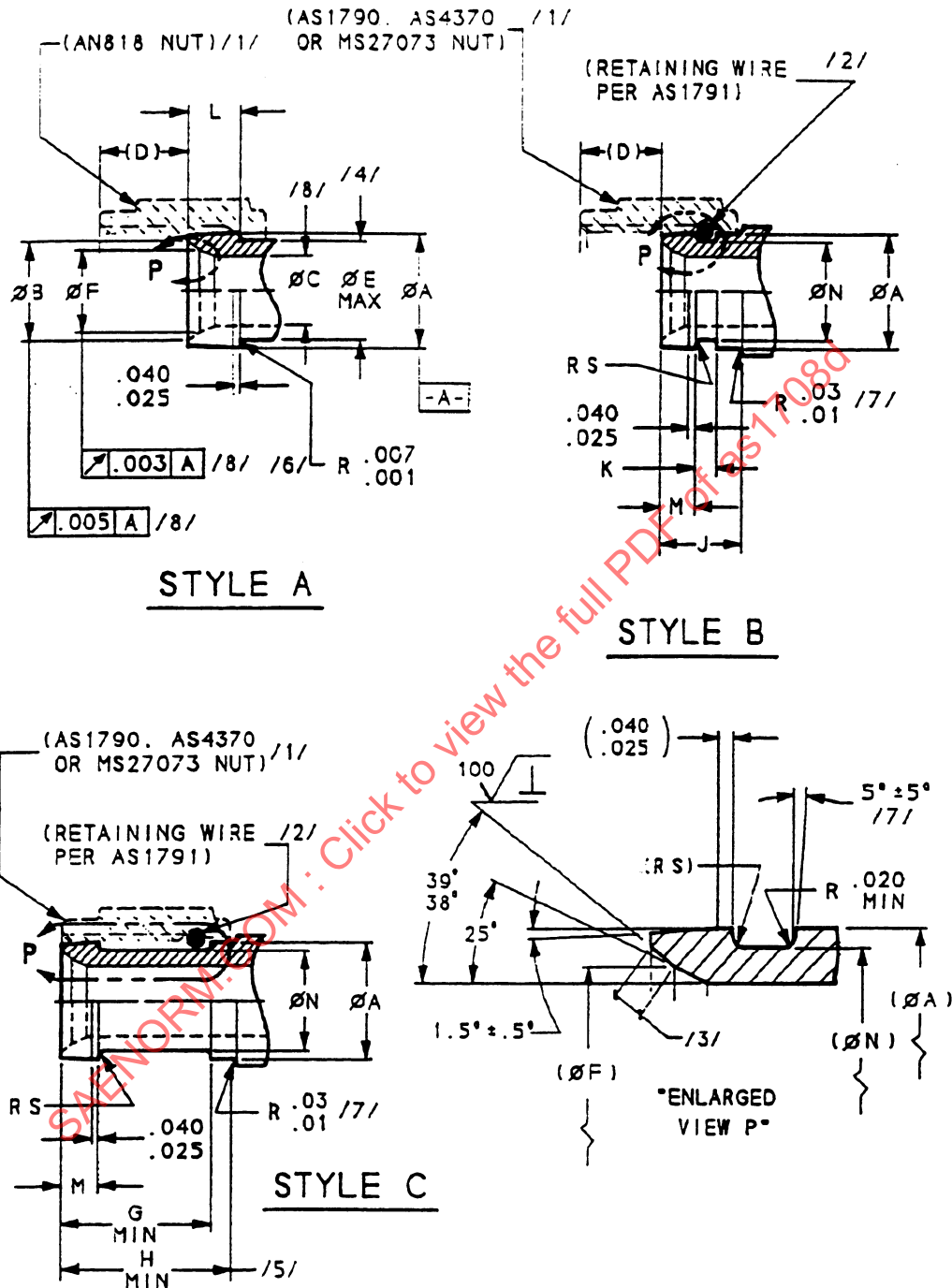
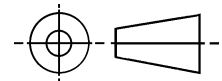


FIGURE 1 - FITTING END, INTERNAL FLARE

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

FITTING END, INTERNAL FLARE
DESIGN STANDARD

AS1708
SHEET 1 OF 4

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TABLE 1A - STANDARD DIMENSIONS A - G

BASIC NO. AS1708 / 14 / 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		.235	.180	.523
04	.250	.374 / .379	.295	.168 / .175	.375	.297	.227	.548
05	.312	.437 / .442	.355	.230 / .237		.367	.289	.603
06	.375	.499 / .504	.435	.293 / .301		.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	-

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TABLE 1B - STANDARD DIMENSIONS H - S

BASIC NO. AS1708 / 14 / SIZE CODE	TUBE 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		.169	.105	.243	
04	.250	.680	.315		.157	.092	.298	
05	.312	.727	.362	.142	.204	.140	.346	.040
06	.375	.758	.393		.228	.163	.403	
07	.437	.798	.435		.267	.186	.460	
08	.500	.883	.455	.157	.285	.180	.564	.047
09	.562	.951	.495		.299	.209	.619	
10	.625	1.008	.503		.302	.204	.679	
11	.687	1.141	.515	.187	.287	.200	.752	.062
12	.750	1.055	.503		.306	.160	.821	
14	.875	1.175	.566		.291	.203	.938	
16	1.000	1.165	.555		.342	.198	1.068	
18	1.125	1.272	.609		.353	.247	1.250	
20	1.250	1.258	.648		.397	.282	1.382	
24	1.500	1.446	.691		.405		1.635	
28	1.750	1.599	.793		.484	.338	2.008	
32	2.000	1.774	.847		.525	.345	2.265	
40	2.500	-	-		.576	.403	2.758	-
48	3.000	-	-		.600	.420	3.258	-