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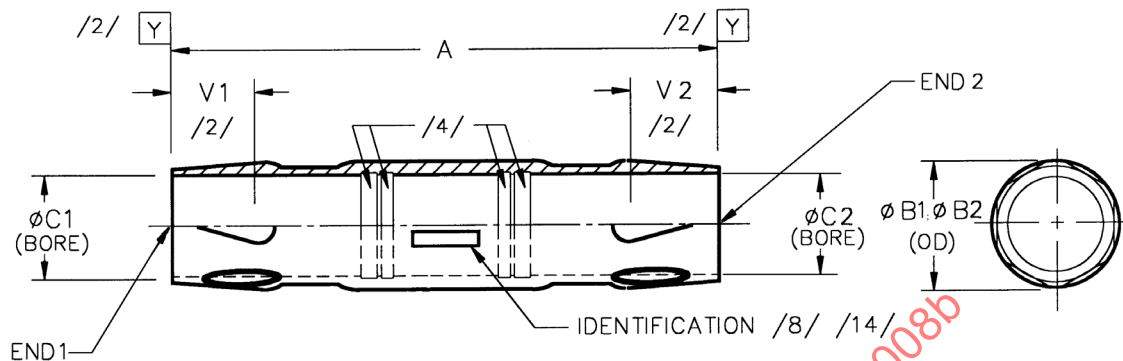
REV.
B

AS5008™

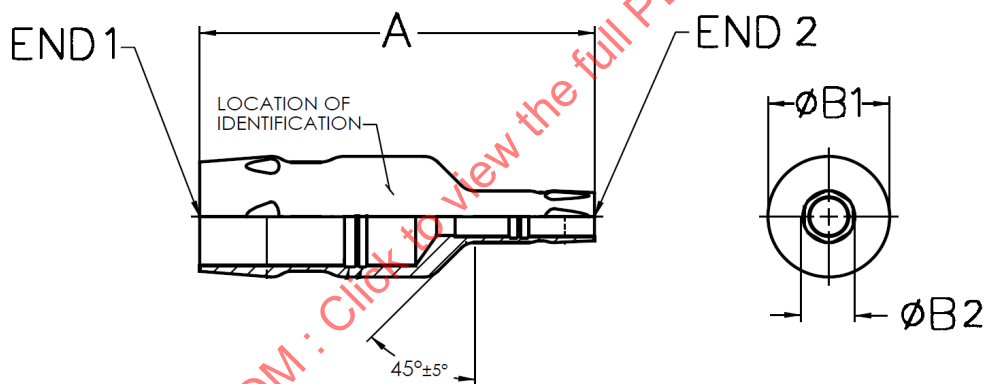
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4730

RATIONALE

REMOVED QPL EFFECTIVITY DATE FROM NOTE 5 SINCE THE QPL WAS PUBLISHED. REVISED NOTE 2 TO CLARIFY DIMENSIONS B AND C.



NON-REDUCER VIEW

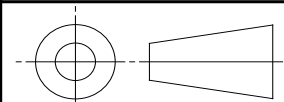


REDUCER VIEW

FIGURE 1 - FITTING, UNION, EXTERNAL SWAGE

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS5008B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4459 /5/



AEROSPACE STANDARD

FITTING, UNION, EXTERNAL SWAGE, HYDRAULIC

AS5008™
SHEET 1 OF 3

REV.
B

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ISSUED 1997-11 REAFFIRMED 2007-11 REVISED 2015-12

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS5008 /14/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	A	B1 +.000 -.003 /2/	B2 +.000 -.003 /2/	C1 /2/	C2 /2/	V1 /2/	V2 /2/	WEIGHT APPROX LB/EA CRES	WEIGHT APPROX LB/EA TI	WEIGHT APPROX LB/EA AL
0303	.188	.188	1.245-1.255	.275	.275	.195-.198	.195-.198	.170-.220	.170-.220	.010	.006	.004
0403	.250	.188	1.640-1.670	.338	.275	.257-.260	.195-.198	.190-.240	.170-.220	.015	.008	.005
0404	.250	.250	1.530-1.540	.338	.338	.257-.260	.257-.260	.190-.240	.190-.240	.016	.009	.006
0503	.312	.188	1.688-1.718	.413	.275	.319-.322	.195-.198	.200-.250	.170-.220	.018	.010	.006
0504	.312	.250	1.765-1.795	.413	.338	.319-.322	.257-.260	.200-.250	.190-.240	.021	.012	.007
0505	.312	.312	1.610-1.620	.413	.413	.319-.322	.319-.322	.200-.250	.200-.250	.024	.014	.008
0603	.375	.188	1.790-1.820	.480	.275	.382-.385	.195-.198	.220-.270	.170-.220	.023	.013	.008
0604	.375	.250	1.850-1.880	.480	.338	.382-.385	.257-.260	.220-.270	.190-.240	.025	.014	.009
0605	.375	.312	1.875-1.905	.480	.413	.382-.385	.319-.322	.220-.270	.200-.250	.028	.016	.010
0606	.375	.375	1.680-1.690	.480	.480	.382-.385	.382-.385	.220-.270	.220-.270	.031	.018	.010
0803	.500	.188	2.375-2.405	.655	.275	.508-.511	.195-.198	.410-.435	.170-.220	.054	.029	.015
0804	.500	.250	2.415-2.445	.655	.338	.508-.511	.257-.260	.410-.435	.190-.240	.055	.030	.017
0805	.500	.312	2.425-2.455	.655	.413	.508-.511	.319-.322	.410-.435	.200-.250	.058	.032	.019
0806	.500	.375	2.425-2.455	.655	.480	.508-.511	.382-.385	.410-.435	.220-.270	.061	.035	.021
0808	.500	.500	2.686-2.700	.655	.655	.508-.511	.508-.511	.410-.435	.410-.435	.100	.060	.035
1004	.625	.250	2.550-2.580	.787	.338	.633-.636	.257-.260	.410-.435	.190-.240	.079	.045	.027
1005	.625	.312	2.560-2.590	.787	.413	.633-.636	.319-.322	.410-.435	.200-.250	.084	.048	.029
1006	.625	.375	2.590-2.620	.787	.480	.633-.636	.382-.385	.410-.435	.220-.270	.087	.050	.030
1008	.625	.500	2.953-2.983	.787	.655	.633-.636	.508-.511	.410-.435	.410-.435	.103	.059	.035
1010	.625	.625	2.766-2.780	.787	.787	.633-.636	.633-.636	.410-.435	.410-.435	.132	.080	.046
1204	.750	.250	2.620-2.650	.929	.338	.758-.761	.257-.260	.365-.390	.190-.240	.104	.060	.036
1206	.750	.375	2.640-2.670	.929	.480	.758-.761	.382-.385	.365-.390	.220-.270	.108	.062	.037
1208	.750	.500	3.030-3.060	.929	.655	.758-.761	.508-.511	.365-.390	.410-.435	.125	.072	.043
1210	.750	.625	3.030-3.060	.929	.787	.758-.761	.633-.636	.365-.390	.410-.435	.134	.077	.046
1212	.750	.750	2.906-2.920	.929	.929	.758-.761	.758-.761	.365-.390	.365-.390	.183	.110	.063
1604	1.000	.250	3.070-3.100	1.257	.338	1.008-1.011	.257-.260	.325-.350	.190-.240	.161	.092	.055
1606	1.000	.375	3.340-3.370	1.257	.480	1.008-1.011	.382-.385	.325-.350	.220-.270	.241	.138	.083
1608	1.000	.500	3.420-3.450	1.257	.655	1.008-1.011	.508-.511	.325-.350	.410-.435	.247	.142	.085
1610	1.000	.625	3.375-3.405	1.257	.787	1.008-1.011	.633-.636	.325-.350	.410-.435	.251	.144	.087
1612	1.000	.750	3.375-3.405	1.257	.929	1.008-1.011	.758-.761	.325-.350	.365-.390	.254	.146	.088
1616	1.000	1.000	3.195-3.209	1.257	1.257	1.008-1.011	1.008-1.011	.325-.350	.325-.350	.396	.238	.137
2016	1.250	1.000	3.850-3.880	1.489	1.257	1.258-1.262	1.008-1.011	.325-.350	.325-.350	.380	.218	.135
2020	1.250	1.250	3.400-3.414	1.489	1.489	1.258-1.262	1.258-1.262	.325-.350	.325-.350	.329	.187	.113
2412	1.500	.750	3.955-3.985	1.786	.929	1.513-1.517	.758-.761	.325-.350	.365-.390	.522	.301	.181
2416	1.500	1.000	4.040-4.070	1.786	1.257	1.513-1.517	1.008-1.011	.325-.350	.325-.350	.558	.321	.193
2420	1.500	1.250	4.140-4.170	1.786	1.489	1.513-1.517	1.258-1.262	.325-.350	.325-.350	.570	.329	.198
2424	1.500	1.500	3.650-3.664	1.786	1.786	1.513-1.517	1.513-1.517	.325-.350	.325-.350	.455	.259	.155

NOTES:

/1/ MATERIAL:

- CODE LETTER "-": 21-6-9 CORROSION RESISTANT STEEL (CRES) BAR PER AMS5656.
- CODE LETTER "E": COMMERCIALLY PURE TITANIUM BAR PER AMS4921.
- CODE LETTER "D": 6061-T6 ALUMINUM ALLOY PER AMS4117.

/2/ FINISH AND COATING:

- MATERIAL CODE "-": PASSIVATE THE WHOLE PART PER AMS2700. POLYTETRAFLUOROETHYLENE (PTFE) COAT (GREEN) SHALL BE APPLIED TO FITTING BORE DIAMETER TO "V" DEPTH. OVERSPRAY ON /Y/ PERMISSIBLE. OVERSPRAY IN GROOVE IS NOT PERMITTED. DIMENSIONS "B" AND "C" APPLY BEFORE PTFE COATING.
- MATERIAL CODE "E": POLYTETRAFLUOROETHYLENE (PTFE) COAT (BLACK) SHALL BE APPLIED TO EXTERIOR SURFACES AND BORE DIAMETER TO "V" DEPTH. OVERSPRAY IN GROOVE IS NOT PERMITTED. DIMENSIONS "B" AND "C" APPLY BEFORE PTFE COATING.

	AEROSPACE STANDARD		AS5008™ SHEET 2 OF 3	REV. B
	FITTING, UNION, EXTERNAL SWAGE, HYDRAULIC			