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B

AS6098™

RATIONALE

FEDERAL SUPPLY CLASS
4730

OPTIONAL MATERIAL SPECIFICATIONS ADDED. HEAT TREATMENT REQUIREMENT FOR MATERIAL CODE W ADDED TO NOTE 2. QML STATEMENT REVISED. INTENDED USE NOTE 6 REVISED. GENERAL UPDATES INCORPORATED.

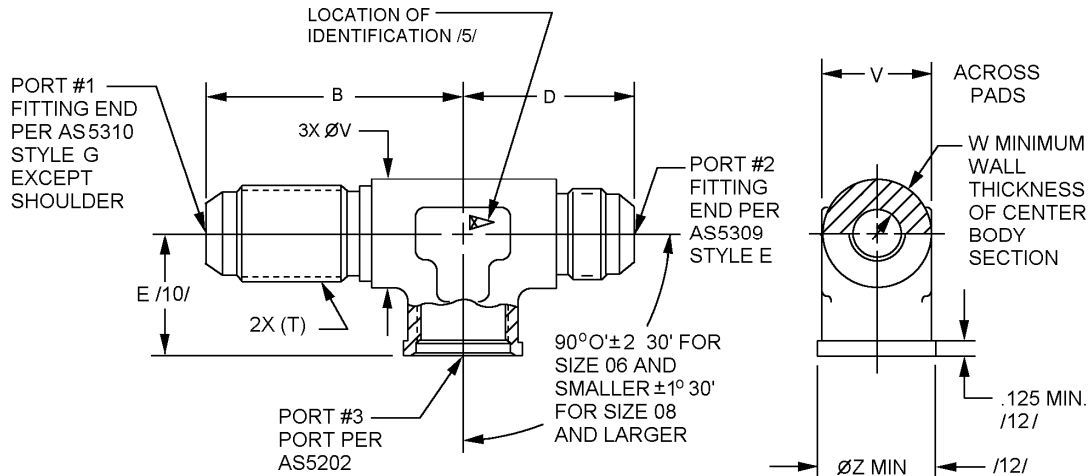


**FIGURE 1 - FITTING, TEE, BULKHEAD END
PORT #3 SHOWN AS NON-REDUCER**

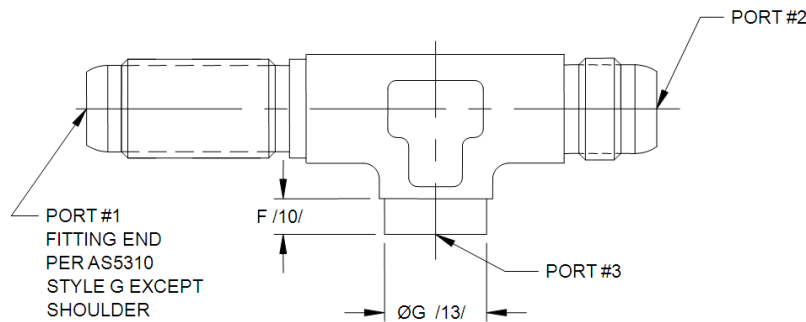
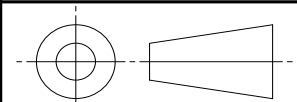


**FIGURE 2 - FITTING, TEE, BULKHEAD END
PORT #3 SHOWN AS REDUCER
SAME AS FIGURE 1 EXCEPT AS SHOWN**

For more information on this standard, visit
<https://www.sae.org/standards/content/AS6098B/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4875/1 /4/



AEROSPACE STANDARD

FITTING, TEE, STANDARD AND REDUCER,
BULKHEAD ON RUN, INTERNAL ON SIDE,
FLARED, 37° SPHERICAL

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SHEET 1 OF 5

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TABLE 1 - DIMENSIONS E-Z AND WEIGHTS /16/

BASIC NO. AS6098 /20/ SIZE CODE	E /10/	F /10/	V	W	Z /12/	LB/EA APPROX REF ALUM	LB/EA APPROX REF CRES	LB/EA APPROX REF TI
02	.648	-	.485-	.502	.090	.562	.0348	.0551
03	.711	-	.547-	.565	.100	.625	.0456	.0722
04	.773	.375	.735-	.753	.110	-	.0930	.147
05	.773	.375	.735-	.753	.120	-	.0895	.142
06	.836	.375	.860-	.878	.120	-	.134	.213
08	1.023	.469	1.047-1.065	.150	-	.214	.617	.340
10	1.180	.625	1.047-1.065	.170	1.125	.221	.636	.351
12	1.367	.688	1.292-1.317	.185	1.375	.365	1.05	.579
16	1.555	.719	1.605-1.630	.205	1.625	.527	1.51	.835
20	1.742	.781	1.855-1.880	.240	1.938	.759	2.18	1.20

TABLE 2 - LEG LENGTH B

FORGING SIZE /11/	TUBE SIZE OF PORT #1 02	TUBE SIZE OF PORT #1 03	TUBE SIZE OF PORT #1 04	TUBE SIZE OF PORT #1 05	TUBE SIZE OF PORT #1 06	TUBE SIZE OF PORT #1 08	TUBE SIZE OF PORT #1 10	TUBE SIZE OF PORT #1 12	TUBE SIZE OF PORT #1 16	TUBE SIZE OF PORT #1 20
02	1.491	-	-	-	-	-	-	-	-	-
03	1.523	1.523	-	-	-	-	-	-	-	-
04	1.679	1.679	1.773	-	-	-	-	-	-	-
05	1.679	1.679	1.773	1.773	-	-	-	-	-	-
06	1.851	1.851	1.945	1.945	2.023	-	-	-	-	-
08	1.851	1.851	1.945	1.945	2.023	2.179	-	-	-	-
10	1.929	1.929	2.023	2.023	2.101	2.257	2.398	-	-	-
12	2.008	2.008	2.102	2.102	2.180	2.336	2.477	2.648	-	-
16	2.227	2.227	2.321	2.321	2.399	2.555	2.696	2.867	2.867	-
20	2.367	2.367	2.461	2.461	2.539	2.695	2.836	3.007	3.007	3.054

TABLE 3 - LEG LENGTH D

FORGING SIZE /11/	TUBE SIZE OF PORT #2 02	TUBE SIZE OF PORT #2 03	TUBE SIZE OF PORT #2 04	TUBE SIZE OF PORT #2 05	TUBE SIZE OF PORT #2 06	TUBE SIZE OF PORT #2 08	TUBE SIZE OF PORT #2 10	TUBE SIZE OF PORT #2 12	TUBE SIZE OF PORT #2 16	TUBE SIZE OF PORT #2 20
02	.929	-	-	-	-	-	-	-	-	-
03	.961	.992	-	-	-	-	-	-	-	-
04	1.109	1.140	1.211	-	-	-	-	-	-	-
05	1.109	1.140	1.211	1.211	-	-	-	-	-	-
06	1.165	1.196	1.267	1.267	1.273	-	-	-	-	-
08	1.232	1.283	1.354	1.354	1.360	1.461	-	-	-	-
10	1.338	1.369	1.440	1.440	1.446	1.547	1.648	-	-	-
12	1.420	1.451	1.522	1.522	1.528	1.629	1.730	1.836	-	-
16	1.623	1.654	1.725	1.725	1.731	1.832	1.933	2.039	2.086	-
20	1.763	1.794	1.865	1.865	1.871	1.972	2.073	2.179	2.226	2.273



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BULKHEAD ON RUN, INTERNAL ON SIDE,
FLARED, 37° SPHERICAL

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