FEDERAL SUPPLY CLASS
4730

RATIONALE

INACTIVE STATUS REPLACED BY "NOT RECOMMENDED." HEAT TREATMENT NOTE 2a REVISED AND NEW NOTE 2b ADDED. FINISH NOTES 3.b.2 AND 3.h.2 REVISED. QML STATEMENT REVISED. “INTENDED USE” NOTE REVISED. DIMENSIONS FOR SIZE 06 IN TABLE 5 REVISED.TABLE 6 REMOVED. USE OF TITANIUM AND CADMIUM IN OXYGEN AND POTABLE WATER SYSTEM WARNING NOTE REMOVED. GENERAL UPDATES INCORPORATED.

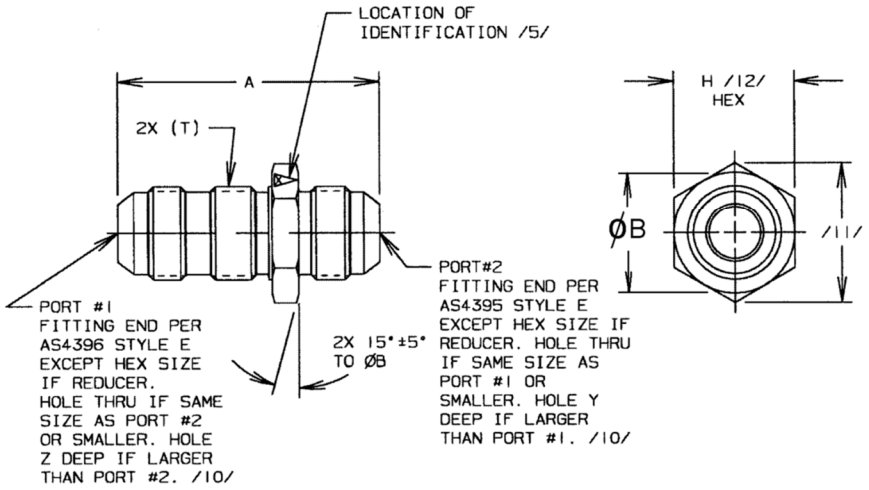


FIGURE 1 - FITTING, UNION, BULKHEAD END FOR OPTIONAL USE IN PORT NON-REDUCER

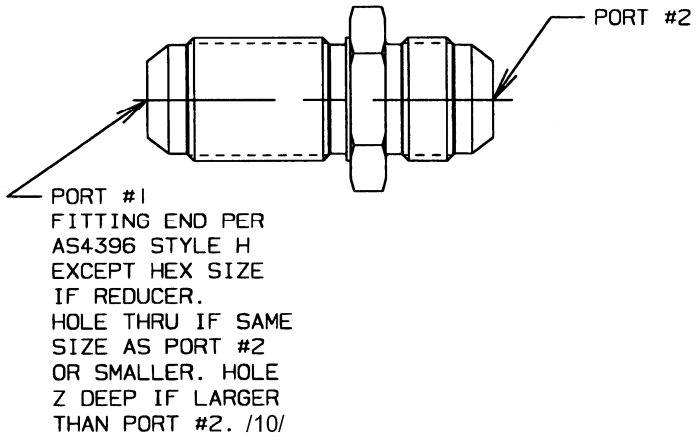
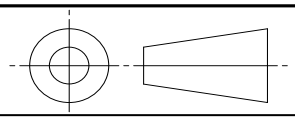


FIGURE 2 - FITTING, UNION, BULKHEAD END NOT FOR USE IN PORT NON-REDUCER, SAME AS FIGURE 1 EXCEPT AS SHOWN /20/

NOT RECOMMENDED IN PART /21/

For more information on this standard, visit
https://www.sae.org/standards/content/AS1037H

THIRD ANGLE PROJECTION



ISSUED 1962-08 REAFFIRMED 2007-07 REVISED 2020-04

CUSTODIAN: G-3

PROCUREMENT SPECIFICATION: AS4841 /4/

TABLE 1 - OVERALL LENGTH A

TUBE SIZE OF PORT #2	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	TUBE SIZE OF PORT #1 24	TUBE SIZE OF PORT #1 32
02	1.526	1.641	1.758	1.758	1.924	2.057	2.222	2.428	2.428	2.459	2.491	2.756
03	1.672	1.557	1.789	1.789	1.955	2.088	2.257	2.459	2.459	2.490	2.522	2.787
04	1.766	1.766	1.753	1.860	2.026	2.159	2.324	2.530	2.530	2.561	2.593	2.858
05	1.766	1.766	1.860	1.753	2.026	2.159	2.324	2.530	2.530	2.561	2.593	2.858
06	1.860	1.860	1.954	1.954	1.837	2.165	2.330	2.536	2.536	2.558	2.599	2.864
08	1.938	1.938	2.032	2.032	2.110	2.126	2.431	2.637	2.637	2.668	2.700	2.965
10	2.063	2.063	2.157	2.157	2.235	2.391	2.430	2.738	2.738	2.769	2.801	3.066
12	2.204	2.204	2.298	2.298	2.376	2.532	2.673	2.769	2.844	2.875	2.907	3.172
16	2.251	2.251	2.345	2.345	2.423	2.579	2.720	2.891	2.879	2.922	2.954	3.219
20	2.469	2.469	2.376	2.376	2.454	2.610	2.751	2.922	2.922	2.973	3.001	3.266
24	2.423	2.423	2.517	2.517	2.595	2.751	2.892	3.063	3.063	3.110	3.177	3.391
32	2.657	2.657	2.751	2.751	2.829	2.985	3.126	3.297	3.297	3.344	3.360	3.708

TABLE 2 - HOLE DEPTH Y

TUBE SIZE OF PORT #2	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	TUBE SIZE OF PORT #1 24
03	.510	-	-	-	-	-	-	-	-	-	-
04	.581	.581	-	-	-	-	-	-	-	-	-
05	.581	.581	.581	-	-	-	-	-	-	-	-
06	.587	.587	.587	.587	-	-	-	-	-	-	-
08	.688	.688	.688	.688	.688	-	-	-	-	-	-
10	.789	.789	.789	.789	.789	.789	-	-	-	-	-
12	.895	.895	.895	.895	.895	.895	.895	-	-	-	-
16	.942	.942	.942	.942	.942	.942	.942	.942	-	-	-
20	.989	.989	.989	.989	.989	.989	.989	.989	.989	-	-
24	1.114	1.114	1.114	1.114	1.114	1.114	1.114	1.114	1.114	1.114	-
32	1.364	1.364	1.364	1.364	1.364	1.364	1.364	1.364	1.364	1.364	1.364

TABLE 3 - HOLE DEPTH Z

TUBE SIZE OF PORT #1	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	TUBE SIZE OF PORT #2 24
03	.859	-	-	-	-	-	-	-	-	-	-
04	.953	.953	-	-	-	-	-	-	-	-	-
05	.953	.953	.953	-	-	-	-	-	-	-	-
06	1.032	1.032	1.032	1.032	-	-	-	-	-	-	-
08	1.219	1.219	1.219	1.219	1.219	-	-	-	-	-	-
10	1.360	1.360	1.360	1.360	1.360	1.360	-	-	-	-	-
12	1.531	1.531	1.531	1.531	1.531	1.531	1.531	-	-	-	-
16	1.532	1.532	1.532	1.532	1.532	1.532	1.532	1.532	-	-	-
20	1.578	1.578	1.578	1.578	1.578	1.578	1.578	1.578	1.578	-	-
24	1.968	1.968	1.968	1.968	1.968	1.968	1.968	1.968	1.968	1.968	-
32	1.875	1.875	1.875	1.875	1.875	1.875	1.875	1.875	1.875	1.875	1.875