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REV.
B

AS4212™

FEDERAL SUPPLY CLASS
4730

RATIONALE

REMOVE "DUAL" PROCUREMENT SPECIFICATION REQUIREMENTS BY REMOVING AS85720 AND 5000 psi PRESSURE REQUIREMENTS. DIRECT USERS TO NEW AS8460 (5000 psi) ALTERNATIVE. PROVIDE BETTER DELINEATION, AND INCLUDE MISSING DIAMETER "F." RE-FORMAT TABLES 1A AND 1B TO CURRENT STYLE MANUAL REQUIREMENTS.

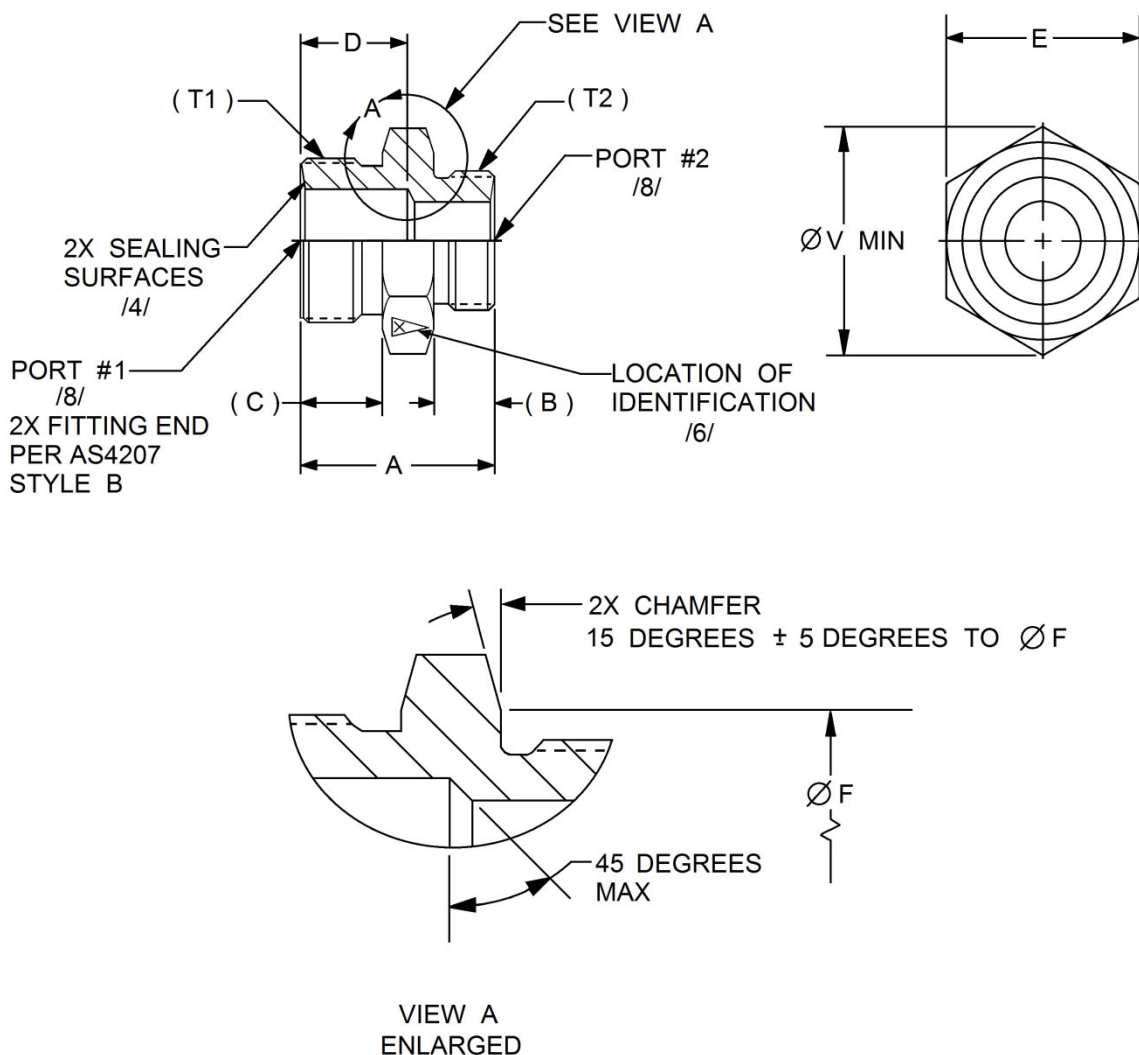
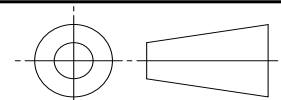


FIGURE 1 - FITTING, UNION, REDUCER

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<http://standards.sae.org/AS4212B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS85421 /5/



AEROSPACE STANDARD

(R) FITTING, UNION,
REDUCER, BEAM SEAL

AS4212™
SHEET 1 OF 5

REV.
B

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TABLE 1A - DIMENSIONS

BASIC NO. AS4212 /16/ SIZE CODE	T1 THREAD CLASS 3A	T2 THREAD CLASS 3A	A	B	C	D
0403	.4375-24 UNJS	.3750-28 UNJS	.670	.233	.275	.325
0504	.5000-24 UNJS	.4375-24 UNJS	.724	.275	.275	.338
0603	.5625-20 UNJS	.3750-28 UNJS	.716	.233	.295	.339
0604	.5625-20 UNJS	.4375-24 UNJS	.758	.275	.295	.348
0605	.5625-20 UNJS	.5000-24 UNJS	.758	.275	.295	.362
0803	.7188-20 UNJS	.3750-28 UNJS	.783	.233	.308	.377
0804	.7188-20 UNJS	.4375-24 UNJS	.825	.275	.308	.385
0805	.7188-20 UNJS	.5000-24 UNJS	.825	.275	.308	.399
0806	.7188-20 UNJS	.5625-20 UNJS	.845	.295	.308	.418
1004	.8438-18 UNJS	.4375-24 UNJS	.939	.275	.372	.466
1005	.8438-18 UNJS	.5000-24 UNJS	.939	.275	.372	.480
1006	.8438-18 UNJS	.5625-20 UNJS	.959	.295	.372	.499
1008	.8438-18 UNJS	.7188-20 UNJS	.972	.308	.372	.528
1204	1.0000-16 UNJ	.4375-24 UNJS	.987	.275	.412	.475
1205	1.0000-16 UNJ	.5000-24 UNJS	.987	.275	.412	.488
1206	1.0000-16 UNJ	.5625-20 UNJS	1.007	.295	.412	.507
1208	1.0000-16 UNJ	.7188-20 UNJS	1.020	.308	.412	.536
1210	1.0000-16 UNJ	.8438-18 UNJS	1.084	.372	.412	.569
1404	1.1250-16 UNJ	.4375-24 UNJS	1.011	.275	.430	.464
1405	1.1250-16 UNJ	.5000-24 UNJS	1.011	.275	.430	.478
1406	1.1250-16 UNJ	.5625-20 UNJS	1.031	.295	.430	.497
1408	1.1250-16 UNJ	.7188-20 UNJS	1.044	.308	.430	.526
1410	1.1250-16 UNJ	.8438-18 UNJS	1.108	.372	.430	.559
1412	1.1250-16 UNJ	1.0000-16 UNJ	1.148	.412	.430	.598
1604	1.2500-14 UNJS	.4375-24 UNJS	1.107	.275	.460	.533
1605	1.2500-14 UNJS	.5000-24 UNJS	1.107	.275	.460	.547
1606	1.2500-14 UNJS	.5625-20 UNJS	1.127	.295	.460	.566
1608	1.2500-14 UNJS	.7188-20 UNJS	1.140	.308	.460	.595
1610	1.2500-14 UNJS	.8438-18 UNJS	1.204	.372	.460	.627
1612	1.2500-14 UNJS	1.0000-16 UNJ	1.244	.412	.460	.667
1614	1.2500-14 UNJS	1.1250-16 UNJ	1.262	.430	.460	.702
2004	1.5781-14 UNJS	.4375-24 UNJS	1.144	.275	.457	.496
2006	1.5781-14 UNJS	.5625-20 UNJS	1.164	.295	.457	.529
2008	1.5781-14 UNJS	.7188-20 UNJS	1.177	.308	.457	.558
2010	1.5781-14 UNJS	.8438-18 UNJS	1.241	.372	.457	.590
2012	1.5781-14 UNJS	1.0000-16 UNJ	1.281	.412	.457	.631
2014	1.5781-14 UNJS	1.1250-16 UNJ	1.299	.430	.457	.666
2016	1.5781-14 UNJS	1.2500-14 UNJS	1.329	.460	.457	.692



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(R) FITTING, UNION,
REDUCER, BEAM SEALAS4212™
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