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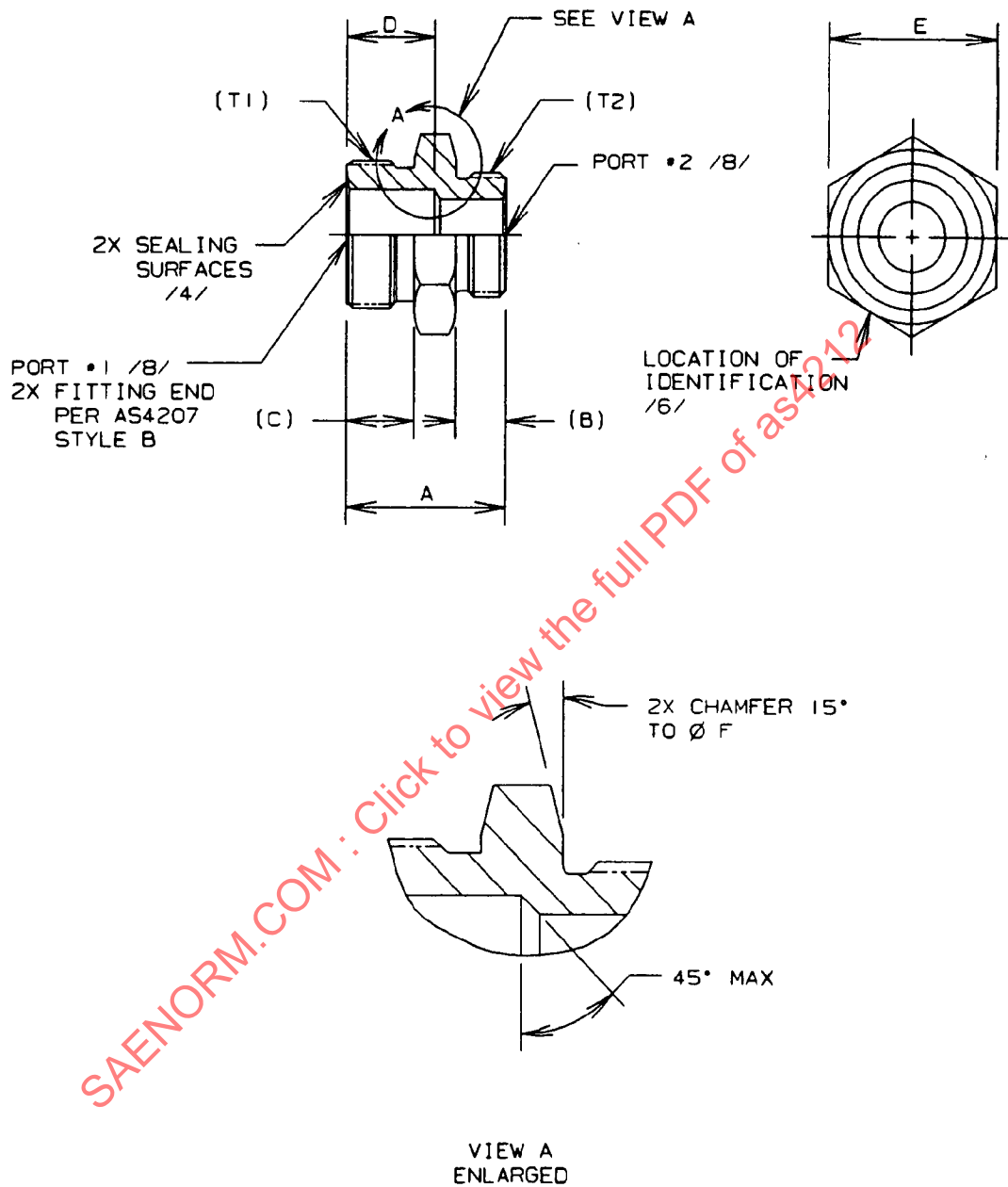


FIGURE 1 - UNION, REDUCER, BEAM SEAL, MALE

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /5/ MIL-F-85421

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400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARDUNION, REDUCER, BEAM SEAL
MALE, 4000 psi, HYDRAULIC**AS4212**

SHEET 1 OF 4

AS4212

TABLE 1 - DIMENSIONS AND WEIGHT

BASIC NO. AS4212 /13/ SIZE CODE	T1 THREAD CLASS 3A	T2 THREAD CLASS 3A	A	B	C	D
0403	.4375-24UNJS	.3750-28UNJS	.670	.233	.275	.325
0504	.5000-24UNJS	.4375-24UNJS	.724	.275	.275	.338
0603	.5625-20UNJS	.3750-28UNJS	.716	.233	.295	.339
0604	.5625-20UNJS	.4375-24UNJS	.758	.275	.295	.348
0605	.5625-20UNJS	.5000-24UNJS	.758	.275	.295	.362
0803	.7188-20UNJS	.3750-28UNJS	.783	.233	.308	.377
0804	.7188-20UNJS	.4375-24UNJS	.825	.275	.308	.385
0805	.7188-20UNJS	.5000-24UNJS	.825	.275	.308	.399
0806	.7188-20UNJS	.5625-20UNJS	.845	.295	.308	.418
1004	.8438-18UNJS	.4375-24UNJS	.939	.275	.372	.466
1005	.8438-18UNJS	.5000-24UNJS	.939	.275	.372	.480
1006	.8438-18UNJS	.5625-20UNJS	.959	.295	.372	.499
1008	.8438-18UNJS	.7188-20UNJS	.972	.308	.372	.528
1204	1.0000-16UNJ	.4375-24UNJS	.987	.275	.412	.475
1205	1.0000-16UNJ	.5000-24UNJS	.987	.275	.412	.488
1206	1.0000-16UNJ	.5625-20UNJS	1.007	.295	.412	.507
1208	1.0000-16UNJ	.7188-20UNJS	1.020	.308	.412	.536
1210	1.0000-16UNJ	.8438-18UNJS	1.084	.372	.412	.569
1404	1.1250-16UNJ	.4375-24UNJS	1.011	.275	.430	.464
1405	1.1250-16UNJ	.5000-24UNJS	1.011	.275	.430	.478
1406	1.1250-16UNJ	.5625-20UNJS	1.031	.295	.430	.497
1408	1.1250-16UNJ	.7188-20UNJS	1.044	.308	.430	.526
1410	1.1250-16UNJ	.8438-18UNJS	1.108	.372	.430	.559
1412	1.1250-16UNJ	1.0000-16UNJ	1.148	.412	.430	.598
1604	1.2500-14UNJS	.4375-24UNJS	1.107	.275	.460	.533
1605	1.2500-14UNJS	.5000-24UNJS	1.107	.275	.460	.547
1606	1.2500-14UNJS	.5625-20UNJS	1.127	.295	.460	.566
1608	1.2500-14UNJS	.7188-20UNJS	1.140	.308	.460	.595
1610	1.2500-14UNJS	.8438-18UNJS	1.204	.372	.460	.627
1612	1.2500-14UNJS	1.0000-16UNJ	1.244	.412	.460	.667
1614	1.2500-14UNJS	1.1250-16UNJ	1.262	.430	.460	.702
2004	1.5781-14UNJS	.4375-24UNJS	1.144	.275	.457	.496
2006	1.5781-14UNJS	.5625-20UNJS	1.164	.295	.457	.529
2008	1.5781-14UNJS	.7188-20UNJS	1.177	.308	.457	.558
2010	1.5781-14UNJS	.8438-18UNJS	1.241	.372	.457	.590
2012	1.5781-14UNJS	1.0000-16UNJ	1.281	.412	.457	.631
2014	1.5781-14UNJS	1.1250-16UNJ	1.299	.430	.457	.666
2016	1.5781-14UNJS	1.2500-14UNJS	1.329	.460	.457	.692

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TABLE 1 - DIMENSIONS AND WEIGHT (CONT'D)

BASIC NO. AS4212 /13/ SIZE CODE	E	F	LB/EA MAX CRES	LB/EA MAX TI
0403	.432- .438	.418- .438	.034	.020
0504	.492- .500	.480- .500	.035	.021
0603	.554- .562	.542- .562	T80	T80
0604	.554- .562	.542- .562	.037	.022
0605	.554- .562	.542- .562	.050	.029
0803	.742- .750	.730- .750	T80	T80
0804	.742- .750	.730- .750	T80	T80
0805	.742- .750	.730- .750	T80	T80
0806	.742- .750	.730- .750	.067	.039
1004	.867- .875	.855- .875	T80	T80
1005	.867- .875	.855- .875	T80	T80
1006	.867- .875	.855- .875	T80	T80
1008	.867- .875	.855- .875	.095	.055
1204	.992-1.000	.980-1.000	T80	T80
1205	.992-1.000	.980-1.000	T80	T80
1206	.992-1.000	.980-1.000	T80	T80
1208	.992-1.000	.980-1.000	T80	T80
1210	.992-1.000	.980-1.000	.136	.080
1404	1.113-1.125	1.105-1.125	T80	T80
1405	1.113-1.125	1.105-1.125	T80	T80
1406	1.113-1.125	1.105-1.125	T80	T80
1408	1.113-1.125	1.105-1.125	T80	T80
1410	1.113-1.125	1.105-1.125	T80	T80
1412	1.113-1.125	1.105-1.125	T80	T80
1604	1.238-1.250	1.230-1.250	T80	T80
1605	1.238-1.250	1.230-1.250	T80	T80
1606	1.238-1.250	1.230-1.250	T80	T80
1608	1.238-1.250	1.230-1.250	T80	T80
1610	1.238-1.250	1.230-1.250	T80	T80
1612	1.238-1.250	1.230-1.250	.220	.129
1614	1.238-1.250	1.230-1.250	T80	T80
2004	1.613-1.625	1.605-1.625	T80	T80
2006	1.613-1.625	1.605-1.625	T80	T80
2008	1.613-1.625	1.605-1.625	T80	T80
2010	1.613-1.625	1.605-1.625	T80	T80
2012	1.613-1.625	1.605-1.625	T80	T80
2014	1.613-1.625	1.605-1.625	T80	T80
2016	1.613-1.625	1.605-1.625	.314	.184