

REV.
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AS5196™

FEDERAL SUPPLY CLASS
4730

RATIONALE

"INACTIVE" STATUS REPLACED BY "NOT RECOMMENDED." CADMIUM WARNING NOTE RELOCATED AS FIRST NOTE. ALTERNATE MATERIALS ADDED TO NOTE 1. SPECIFICATION CALLOUTS UPDATED TO CURRENT ISSUE. NOTE 3.g.2 REVISED. QML STATEMENT REVISED. "INTENDED USE" NOTE REVISED. NEW NOTE 18 ADDED.

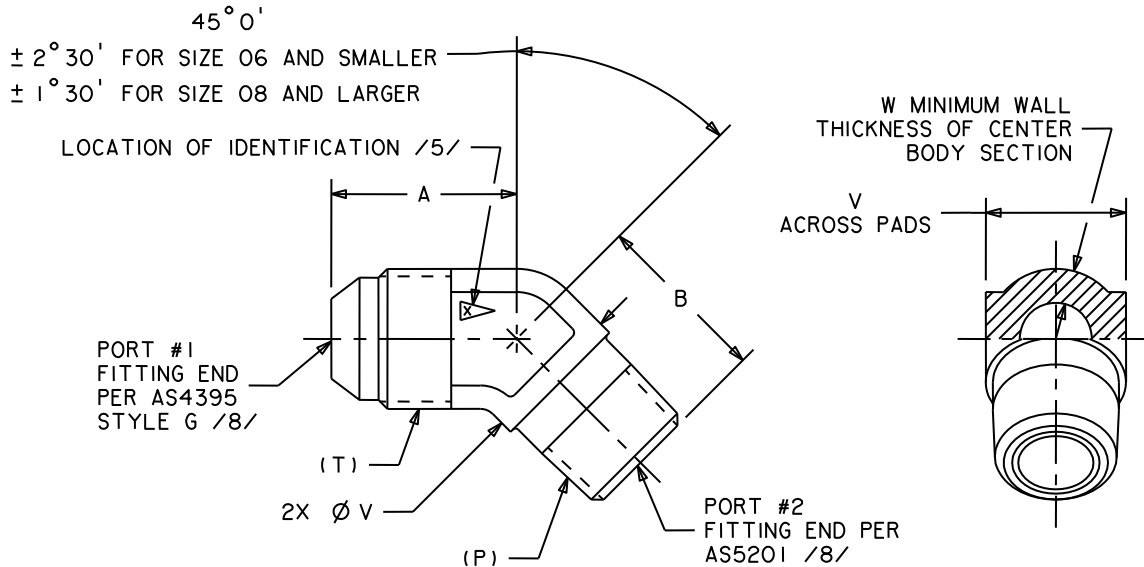
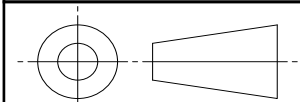


FIGURE 1 - FITTING, ELBOW, 45°

NOT RECOMMENDED IN PART - SEE NOTE /17/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS5196D>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4842/1 /4/



AEROSPACE STANDARD

(R) FITTING, ELBOW, 45°,
FLARED TO PIPE

AS5196™
SHEET 1 OF 4

REV.
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TABLE 1 - DIMENSIONS A-B

BASIC NO. AS5196 /16/ SIZE CODE	(NOMINAL TUBE SIZE) PORT #1	(NOMINAL PIPE SIZE) PORT #2	P THREAD PER AS71051 ANPT	T THREAD PER AS8879 CLASS 3A	PORT #2 STYLE	A	B ±.016
0202	.125	.125	1/8-27	.3125-24 UNJF	B	.665	.500
0302	.188	.125	1/8-27	.3750-24 UNJF	B	.665	.500
0402	.250	.125	1/8-27	.4375-20 UNJF	C	.726	.625
0502	.312	.125	1/8-27	.5000-20 UNJF	C	.774	.625
0604	.375	.250	1/4-18	.5625-18 UNJF	A	.837	.844
0806	.500	.375	3/8-18	.7500-16 UNJF	C	.993	.938
1008	.625	.500	1/2-14	.8750-14 UNJF	C	1.118	1.156
1212	.750	.750	3/4-14	1.0625-12 UNJ	A	1.290	1.188
1612	1.000	.750	3/4-14	1.3125-12 UNJ	C	1.477	1.250
1616	1.000	1.000	1-11 1/2	1.3125-12 UNJ	A	1.477	1.469
2016	1.250	1.000	1-11 1/2	1.6250-12 UNJ	C	1.602	1.531
2020	1.250	1.250	1 1/4-11 1/2	1.6250-12 UNJ	B	1.602	1.656
2420	1.500	1.250	1 1/4-11 1/2	1.8750-12 UNJ	C	1.790	1.656
2824	1.750	1.500	1 1/2-11 1/2	2.2500-12 UNJ	C	1.977	2.000
3232	2.000	2.000	2-11 1/2	2.5000-12 UNJ	C	2.227	2.094

TABLE 1A - DIMENSIONS V-W AND WEIGHTS

BASIC NO. AS5196 /16/ SIZE CODE	V	W	LB/EA APPROX REF AL	LB/EA APPROX REF COPPER	LB/EA APPROX REF STEEL
0202	.297- .314	.090	.00918	.0279	.0268
0302	.360- .377	.100	.0133	.0405	.0383
0402	.423- .440	.110	.0189	.0575	.0543
0502	.485- .502	.120	.0251	.0765	.0722
0604	.547- .565	.120	.0356	.108	.103
0806	.735- .753	.150	.0732	.222	.210
1008	.860- .878	.170	.110	.334	.316
1212	1.047-1.065	.185	.173	.527	.497
1612	1.292-1.317	.205	.298	.909	.855
1616	1.292-1.317	.205	.278	.846	.799
2016	1.605-1.630	.240	.549	1.67	1.58
2020	1.605-1.630	.240	.469	1.42	1.35
2420	1.855-1.880	.250	.712	2.16	2.04
2824	2.230-2.260	.350	1.23	4.74	3.54
3232	2.542-2.572	.350	1.78	5.41	5.10



AEROSPACE STANDARD

(R) FITTING, ELBOW, 45°,
FLARED TO PIPEAS5196™
SHEET 2 OF 4REV.
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Documents

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