



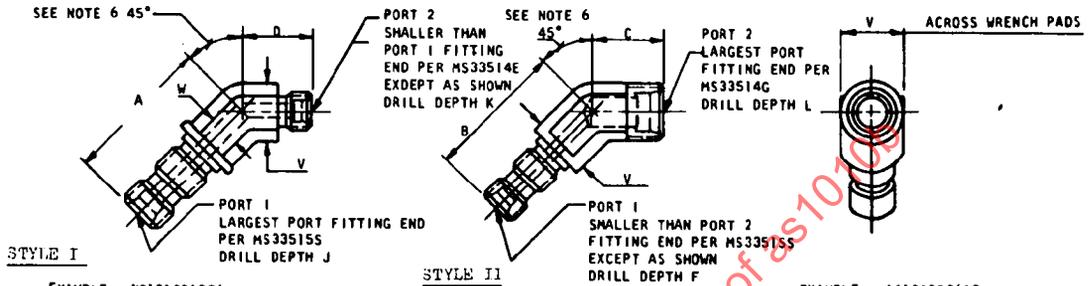
# AEROSPACE STANDARD

## AS 1010B

Society of Automotive Engineers, Inc.  
400 COMMONWEALTH DRIVE, WARRENOALE, PA. 15096

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### ELBOW, 45° REDUCER, FLARELESS TUBE



EXAMPLE: AS101001206

EXAMPLE: AS101000612

FORGING SIZE	A ±.016	C ±.016	V ±.016	W APPROX	J ±.016	L ±.016
3	1.352	.680	.375	.219	1.344	.672
4	1.477	.711	.438	.312	1.469	.703
5	1.477	.742	.500	.312	1.484	.750
6	1.586	.836	.562	.375	1.609	.859
8	1.836	.992	.750	.500	1.879	1.031
10	2.070	1.086	.875	.625	2.125	1.141
12	2.273	1.273	1.062	.625	2.359	1.359
16	2.398	1.367	1.312	1.000	2.531	1.500
20	2.430	1.461	1.625	1.250	2.609	1.641
24	2.445	1.555	1.875	1.500	2.672	1.781
32	2.602	1.836	2.562	2.000	2.922	2.156

LEG LENGTH B ±.016													PORT #1 SIZE
FORGING SIZE													
3	4	5	6	8	10	12	16	20	24	32			
1.305	1.367	1.367	1.430	1.508	1.601	1.695	1.820	1.852	1.867	1.821	2		
	1.414	1.414	1.477	1.555	1.648	1.742	1.867	1.899	1.914	1.868	3		
		1.477	1.540	1.618	1.711	1.805	1.930	1.962	1.977	1.931	4		
			1.540	1.618	1.711	1.805	1.930	1.962	1.977	1.931	5		
				1.664	1.757	1.851	1.976	2.008	2.023	1.977	6		
					1.929	2.023	2.148	2.180	2.195	2.149	8		
						2.164	2.289	2.321	2.336	2.280	10		
							2.398	2.430	2.445	2.399	12		
								2.430	2.445	2.399	16		
									2.445	2.399	20		
										2.399	24		

LEG LENGTH D ±.016													PORT #2 SIZE
FORGING SIZE													
3	4	5	6	8	10	12	16	20	24	32			
1.633	1.633	.664	.742	.805	.836	.960	1.054	1.148	1.242	1.523	2		
	1.680	.711	.789	.852	.883	1.007	1.101	1.195	1.289	1.570	3		
		.742	.820	.883	.914	1.038	1.132	1.226	1.320	1.601	4		
			.820	.883	.914	1.038	1.132	1.226	1.320	1.601	5		
				.899	.930	1.054	1.148	1.242	1.336	1.617	6		
					1.023	1.147	1.241	1.335	1.429	1.710	8		
						1.210	1.304	1.398	1.492	1.773	10		
							1.367	1.461	1.555	1.836	12		
								1.461	1.555	1.836	16		
									1.555	1.836	20		
										1.836	24		

DRILL DEPTH F ±.016													PORT #1 SIZE
FORGING SIZE													
3	4	5	6	8	10	12	16	20	24	32			
1.312	1.406	1.453	1.547	1.719	1.859	2.068	2.344	2.531	2.719	3.000	2		
	1.438	1.500	1.578	1.750	1.891	2.094	2.125	2.562	2.750	3.031	3		
		1.516	1.609	1.781	1.922	2.125	2.406	2.594	2.781	3.062	4		
			1.594	1.734	1.906	2.109	2.391	2.578	2.766	3.000	5		
				1.766	1.922	2.125	2.406	2.594	2.781	3.106	6		
					2.031	2.234	2.516	2.703	2.891	3.172	8		
						2.328	2.609	2.797	2.984	3.265	10		
							2.641	2.828	2.969	3.297	12		
								2.719	2.906	3.188	16		
									2.797	3.078	20		
										2.953	24		

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