



AEROSPACE STANDARD

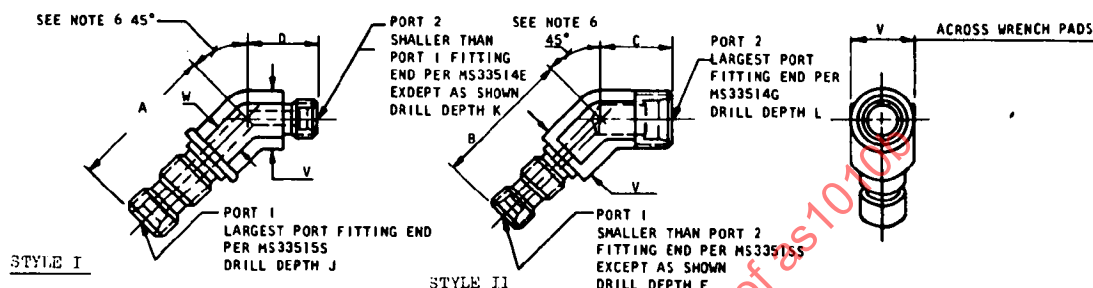
Society of Automotive Engineers, Inc.
400 COMMONWEALTH DRIVE, WARRENOALE, PA. 15096

AS 1010B

Issued 3-15-66

Revised 1-15-81

ELBOW, 45° REDUCER, FLARELESS TUBE



EXAMPLE: AS1010D1206

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	1.875	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

EXAMPLE: AS1010D0612

LEG LENGTH B ±.016

FORGING SIZE	3	4	5	6	8	10	12	16	20	24	32	PORT #1 SIZE
3	1.305	1.367	1.367	1.430	1.508	1.601	1.695	1.820	1.852	1.867	1.821	2
4		1.414	1.414	1.477	1.555	1.648	1.742	1.867	1.899	1.914	1.868	3
5			1.477	1.540	1.618	1.711	1.805	1.930	1.962	1.977	1.931	4
6				1.540	1.618	1.711	1.805	1.930	1.962	1.977	1.931	5
8					1.664	1.757	1.851	1.976	2.008	2.023	1.977	6
10						1.929	2.023	2.148	2.180	2.195	2.149	8
12							2.164	2.289	2.321	2.336	2.290	10
16								2.398	2.430	2.445	2.399	12
20									2.430	2.445	2.399	16
24										2.445	2.399	20
32											2.399	24

LEG LENGTH D ±.016

FORGING SIZE	3	4	5	6	8	10	12	16	20	24	32	PORT #2 SIZE
3	1.305	1.367	1.367	1.430	1.508	1.601	1.695	1.820	1.852	1.867	1.821	2
4		1.414	1.414	1.477	1.555	1.648	1.742	1.867	1.899	1.914	1.868	3
5			1.477	1.540	1.618	1.711	1.805	1.930	1.962	1.977	1.931	4
6				1.540	1.618	1.711	1.805	1.930	1.962	1.977	1.931	5
8					1.664	1.757	1.851	1.976	2.008	2.023	1.977	6
10						1.929	2.023	2.148	2.180	2.195	2.149	8
12							2.164	2.289	2.321	2.336	2.290	10
16								2.398	2.430	2.445	2.399	12
20									2.430	2.445	2.399	16
24										2.445	2.399	20
32											2.399	24

DRILL DEPTH F ±.016

FORGING SIZE	3	4	5	6	8	10	12	16	20	24	32	PORT #1 SIZE
3	1.312	1.406	1.453	1.547	1.719	1.859	2.069	2.344	2.531	2.719	3.000	2
4		1.438	1.500	1.578	1.750	1.891	2.094	2.125	2.562	2.750	3.031	3
5			1.516	1.609	1.781	1.922	2.125	2.406	2.594	2.781	3.062	4
6				1.594	1.734	1.906	2.109	2.391	2.578	2.766	3.000	5
8					1.766	1.922	2.125	2.406	2.594	2.781	3.106	6
10						2.031	2.234	2.516	2.703	2.891	3.172	8
12							2.328	2.609	2.797	2.984	3.275	10
16								2.641	2.828	2.959	3.297	12
20									2.719	2.906	3.188	16
24										2.797	3.078	20
32											2.953	24