



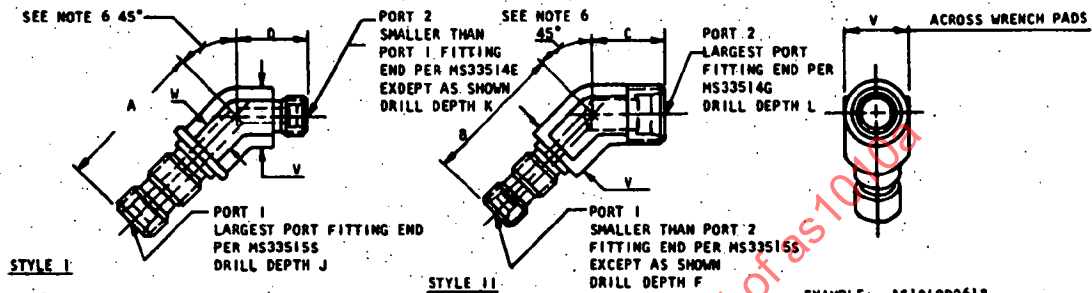
AEROSPACE STANDARD

Society of Automotive Engineers, Inc.
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AS 1010A

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ELBOW, 45° REDUCER, FLARELESS TUBE



EXAMPLE: AS1010D1206

STYLE II

EXAMPLE: AS1010D0612

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
15	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											
FORGING SIZE											
3	1.305	1.367	1.367	1.430	1.508	1.601	1.695	1.820	1.852	1.867	1.821
4	1.414	1.414	1.477	1.555	1.648	1.742	1.867	1.899	1.914	1.868	1.821
5		1.477	1.540	1.618	1.711	1.805	1.930	1.962	1.977	1.931	1.884
6			1.540	1.618	1.711	1.805	1.930	1.962	1.977	1.931	1.884
8				1.664	1.757	1.851	1.975	2.008	2.023	1.977	1.931
10					1.929	2.023	2.148	2.180	2.195	2.149	2.103
12						2.164	2.289	2.321	2.336	2.290	2.244
15							2.399	2.430	2.445	2.399	2.353
20								2.430	2.445	2.399	2.353
24									2.445	2.399	2.353
32										2.399	2.353

LEG LENGTH D ±.016											
FORGING SIZE											
3	1.633	.633	.664	.742	.805	.836	.960	1.054	1.148	1.242	1.523
4		.711	.789	.852	.883	1.007	1.101	1.195	1.289	1.570	1.851
5			.820	.883	.914	1.038	1.132	1.226	1.320	1.601	1.882
6				.883	.914	1.038	1.132	1.226	1.320	1.601	1.882
8					.899	1.054	1.148	1.242	1.336	1.617	1.898
10						1.023	1.147	1.241	1.335	1.616	1.897
12							1.210	1.304	1.398	1.679	1.960
15								1.367	1.461	1.742	2.023
20									1.461	1.742	2.023
24										1.742	2.023
32											2.023

DRILL DEPTH F ±.016											
FORGING SIZE											
3	1.312	1.406	1.453	1.547	1.719	1.859	2.068	2.344	2.531	2.719	3.000
4		1.438	1.500	1.578	1.750	1.891	2.094	2.325	2.562	2.750	3.031
5			1.516	1.609	1.781	1.922	2.125	2.406	2.594	2.781	3.062
6				1.594	1.734	1.906	2.109	2.391	2.578	2.765	3.046
8					1.766	1.922	2.125	2.406	2.594	2.781	3.062
10						2.031	2.234	2.516	2.703	2.891	3.172
12							2.328	2.609	2.797	2.984	3.265
15								2.641	2.828	2.969	3.297
20									2.719	2.906	3.188
24										2.797	3.078
32											2.953