



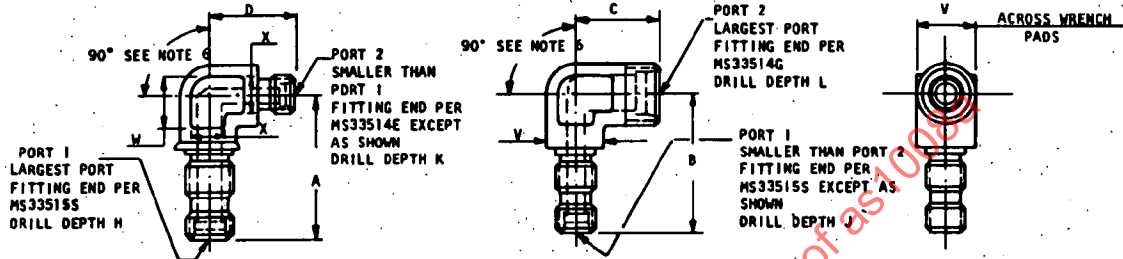
AEROSPACE STANDARD

Society of Automotive Engineers, Inc.
TWO PENNSYLVANIA PLAZA, NEW YORK, N.Y. 10001

AS 1008A

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ELBOW, 90°, REDUCER, BULKHEAD, FLARELESS TUBE



STYLE I
EXAMPLE: AS100801206

STYLE II
EXAMPLE: AS100806012

FORGING SIZE	A ±.015	H ±.015	C ±.015	L ±.015	V ±.015	W APPROX	X APPROX
3	1.414	1.406	.930	.922	.375	.312	.250
4	1.523	1.531	.968	.969	.438	.375	.250
5	1.555	1.562	1.055	1.062	.500	.500	.312
6	1.711	1.734	1.086	1.109	.562	.500	.312
8	1.992	2.047	1.336	1.391	.750	.625	.438
10	2.273	2.344	1.524	1.594	.875	.750	.438
12	2.492	2.594	1.649	1.750	1.062	.875	.500
16	2.617	2.766	1.742	1.891	1.312	1.062	.625
20	2.898	3.094	2.023	2.219	1.625	1.250	.750
24	3.180	3.422	2.211	2.453	1.875	1.438	.875
32	3.773	4.109	2.398	2.734	2.562	1.938	1.188

LEG LENGTH B ±.015													PORT #1 SIZE
FORGING SIZE													
3	4	5	6	8	10	12	16	20	24	32			
1.367	1.413	1.445	1.555	1.664	1.804	1.914	2.039	2.320	2.602	2.992	2		
	1.460	1.492	1.602	1.711	1.851	1.961	2.086	2.367	2.649	3.039	3		
		1.555	1.665	1.774	1.914	2.024	2.149	2.430	2.712	3.102	4		
			1.665	1.774	1.914	2.024	2.149	2.430	2.712	3.102	5		
				1.820	1.960	2.070	2.195	2.476	2.758	3.148	6		
					2.132	2.242	2.367	2.648	2.930	3.320	8		
						2.383	2.508	2.789	3.071	3.461	10		
							2.617	2.898	3.180	3.570	12		
								2.898	3.180	3.570	16		
									3.180	3.570	20		
										3.570	24		

12	16	20	24	32		
1.335	1.429	1.710	1.898	2.085	2	
1.383	1.476	1.757	1.945	2.132	2	
1.414	1.507	1.788	1.976	2.163	4	
1.414	1.507	1.788	1.976	2.163	5	
1.430	1.523	1.804	1.992	2.179	6	
1.523	1.616	1.897	2.085	2.272	8	
1.586	1.679	1.960	2.148	2.335	10	
	1.742	2.023	2.211	2.398	12	
		2.023	2.211	2.398	16	
			2.211	2.398	20	
				2.398	24	

LEG LENGTH D ±.015												2,132	2
FORGING SIZE												2	
3	4	5	6	8	10	12	16	20	24	32			
.883	.883	.977	.992	1.149	1.274	1.335	1.429	1.710	1.898	2.085	2		
	.930	1.024	1.039	1.196	1.320	1.383	1.476	1.757	1.945	2.132	3		
		1.055	1.070	1.227	1.352	1.414	1.507	1.788	1.976	2.163	4		
			1.070	1.227	1.352	1.414	1.507	1.788	1.976	2.163	5		
				1.243	1.368	1.430	1.523	1.804	1.992	2.179	6		
					1.461	1.523	1.616	1.897	2.085	2.272	8		PORT
						1.586	1.679	1.960	2.148	2.335	10		#2
							1.742	2.023	2.211	2.398	12		SIZE
								2.023	2.211	2.398	16		
									2.211	2.398	20		
										2.398	24		

DRILL DEPTH J ±.016													PORT #1 SIZE
FORGING SIZE													
3	4	5	6	8	10	12	16	20	24	32			
1.344	1.438	1.500	1.641	1.797	1.984	2.172	2.406	2.797	3.203	3.828	2		
	1.484	1.531	1.672	1.844	2.031	2.219	2.453	2.844	3.250	3.875	3		
		1.578	1.719	1.891	2.078	2.266	2.500	2.891	3.297	3.922	4		
			1.703	1.875	2.062	2.250	2.484	2.875	3.281	3.906	5		
				1.906	2.093	2.281	2.516	2.891	3.312	3.922	6		
					2.219	2.406	2.641	3.031	3.438	4.052	8		
						2.531	2.766	3.156	3.562	4.188	10		
							2.828	3.219	3.625	4.250	12		
								3.141	3.547	3.972	16		
									3.500	4.125	20		
										4.047	24		
.016													
	12	16	20	24	32								
	1.594	1.797	2.188	2.500	2.922	2							

DRILL DEPTH K ±.016													PORT #2 SIZE
FORGING SIZE													
3	4	5	6	8	10	12	16	20	24	32			
.859	.906	1.031	1.078	1.297	1.453	1.594	1.797	2.188	2.500	2.922	2		
	.953	1.062	1.109	1.328	1.500	1.641	1.844	2.234	2.547	2.969	3		
		1.078	1.125	1.344	1.516	1.658	1.859	2.234	2.562	2.984	4		
			1.109	1.328	1.500	1.641	1.844	2.234	2.547	2.969	5		
				1.328	1.500	1.641	1.844	2.219	2.547	2.953	6		
					1.547	1.688	1.891	2.281	2.894	3.016	8		
						1.734	1.938	2.328	2.641	3.062	10		
							1.953	2.344	2.656	3.078	12		
								2.266	2.578	3.000	16		
									2.531	2.953	20		
										2.875	24		