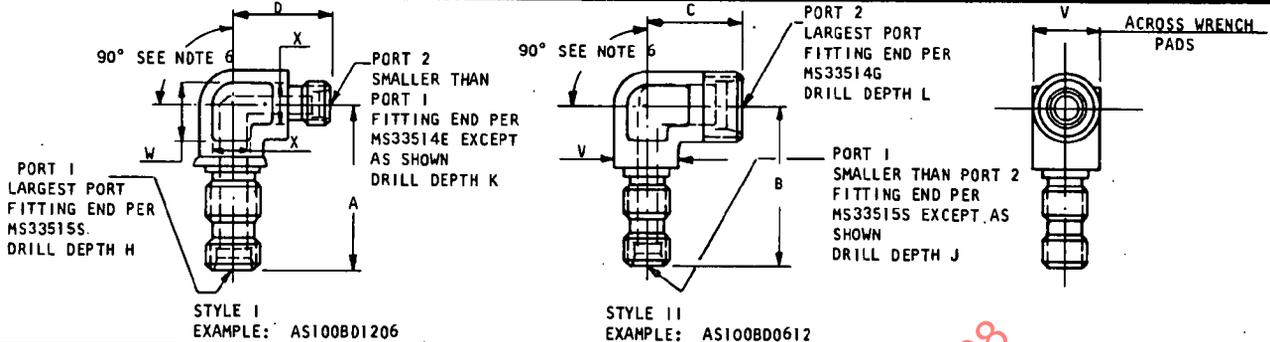


SOCIETY OF AUTOMOTIVE ENGINEERS, Inc.
 485 LEXINGTON AVENUE
 NEW YORK 17, N.Y.

AEROSPACE STANDARD AS 1008

ELBOW, 90°, REDUCER, BULKHEAD, FLARELESS TUBE

Issued 3-15-66
 Revised



FORGING SIZE	A ±.016	H ±.016	C ±.016	L ±.016	V ±.016	W APPROX	X APPROX
3	1.414	1.406	.930	.922	.375	.312	.250
4	1.523	1.531	.966	.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 ±.016												PORT #1 SIZE
		FORGING SIZE												
		3	4	5	6	8	10	12	16	20	24	32		
PORT #1	2	1.367	1.413	1.445	1.555	1.664	1.804	1.914	2.039	2.320	2.602	2.992	2	
	3	1.460	1.492	1.602	1.711	1.851	1.961	2.086	2.367	2.649	3.039	3		
4	4	1.555	1.665	1.774	1.914	2.024	2.149	2.430	2.712	3.102	4			
	5	1.665	1.774	1.914	2.024	2.149	2.430	2.712	3.102	5				
6	6	1.820	1.960	2.070	2.195	2.476	2.758	3.148	6					
	8	2.132	2.242	2.367	2.648	2.930	3.320	8						
8	8	2.383	2.508	2.789	3.071	3.461	10							
	10	2.617	2.898	3.180	3.570	12								
10	10	2.898	3.180	3.570	16									
	12	3.180	3.570	20										
12	12	3.570	24											

		LEG LENGTH D ±.016												PORT #2 SIZE
		FORGING SIZE												
		3	4	5	6	8	10	12	16	20	24	32		
PORT #2	2	.883	.883	.977	.992	1.149	1.274	1.335	1.429	1.710	1.898	2.085	2	
	3	.930	1.024	1.039	1.196	1.320	1.383	1.476	1.757	1.945	2.132	3		
4	4	1.055	1.070	1.227	1.352	1.414	1.507	1.788	1.976	2.163	4			
	5	1.070	1.227	1.352	1.414	1.507	1.788	1.976	2.163	5				
6	6	1.243	1.368	1.430	1.523	1.804	1.992	2.179	6					
	8	1.461	1.523	1.616	1.897	2.085	2.272	8						
8	8	1.586	1.679	1.960	2.148	2.335	10							
	10	1.742	2.023	2.211	2.398	12								
10	10	2.023	2.211	2.398	16									
	12	2.211	2.398	20										
12	12	2.398	24											

		DRILL DEPTH J ±.016												PORT #1 SIZE
		FORGING SIZE												
		3	4	5	6	8	10	12	16	20	24	32		
PORT #1	2	1.344	1.438	1.500	1.641	1.797	1.984	2.172	2.406	2.797	3.203	3.828	2	
	3	1.484	1.531	1.672	1.844	2.031	2.219	2.453	2.844	3.250	3.875	3		
4	4	1.578	1.719	1.891	2.078	2.266	2.500	2.891	3.297	3.922	4			
	5	1.703	1.875	2.062	2.250	2.484	2.875	3.281	3.906	5				
6	6	1.906	2.093	2.281	2.516	2.891	3.312	3.922	6					
	8	2.219	2.406	2.641	3.031	3.438	4.062	8						
8	8	2.531	2.766	3.156	3.562	4.188	10							
	10	2.828	3.219	3.625	4.250	12								
10	10	3.141	3.547	3.172	16									
	12	3.500	4.125	20										
12	12	4.047	24											

		DRILL DEPTH K ±.016												PORT #2 SIZE
		FORGING SIZE												
		3	4	5	6	8	10	12	16	20	24	32		
PORT #2	2	.859	.906	1.031	1.078	1.297	1.453	1.594	1.797	2.188	2.500	2.922	2	
	3	.953	1.062	1.109	1.328	1.500	1.641	1.844	2.234	2.547	2.969	3		
4	4	1.078	1.125	1.344	1.516	1.656	1.859	2.234	2.562	2.984	4			
	5	1.109	1.328	1.500	1.641	1.844	2.234	2.547	2.969	5				
6	6	1.328	1.500	1.641	1.844	2.219	2.547	2.953	6					
	8	1.547	1.688	1.891	2.281	2.594	3.016	8						
8	8	1.734	1.938	2.328	2.641	3.062	10							
	10	1.953	2.344	2.656	3.078	12								
10	10	2.266	2.578	3.000	16									
	12	2.531	2.953	20										
12	12	2.875	24											

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