LAND SEA AIR SPACE

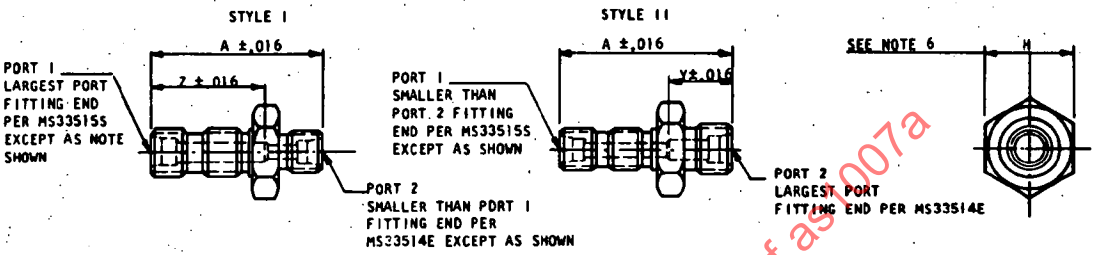
AEROSPACE STANDARD

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

AS 1007A

Issued 3-15-66
Revised 11-1-68

UNION, REDUCER, BULKHEAD, FLARELESS TUBE



EXAMPLE:: AS1007-1206

EXAMPLE: AS100700612

-	.625	.688	.750	.812	1.000	1.125	1.375	1.625	1.875	2.125	2.750	H	H
2	3	4	5	6	8	10	12	16	20	24	32	SIZE#1 PORT SIZE#2 PORT	
DIMENSION A OVERALL LENGTH													
-	1.516	1.578	1.609	1.703	1.844	2.000	2.156	2.156	2.156	2.156	2.422	2	-
1.516	-	1.625	1.656	1.750	1.891	2.047	2.203	2.203	2.203	2.203	2.469	3	.625
1.547	1.594	-	1.688	1.781	1.922	2.078	2.234	2.234	2.234	2.234	2.500	4	.688
1.578	1.625	1.688	-	1.781	1.922	2.078	2.234	2.234	2.234	2.234	2.500	5	.750
1.641	1.688	1.750	1.750	-	1.938	2.094	2.250	2.250	2.250	2.250	2.516	6	.812
1.734	1.781	1.844	1.844	1.891	-	2.188	2.344	2.344	2.344	2.344	2.609	8	1.000
1.813	1.859	1.922	1.922	1.969	2.109	-	2.406	2.406	2.406	2.406	2.672	10	1.125
1.922	1.969	2.031	2.031	2.078	2.219	2.360	-	2.469	2.469	2.469	2.734	12	1.375
1.922	1.969	2.031	2.031	2.078	2.219	2.360	2.469	-	2.469	2.469	2.734	16	1.625
1.922	1.969	2.031	2.031	2.078	2.219	2.360	2.469	2.469	-	2.469	2.734	20	1.875
1.922	1.969	2.031	2.031	2.078	2.219	2.360	2.469	2.469	2.469	-	2.734	24	2.125
1.984	2.031	2.094	2.094	2.141	2.281	2.422	2.531	2.531	2.531	2.531	-	32	2.750

DRILL DEPTH Z

PORT #1 SIZE												
3	4	5	6	8	10	12	16	20	24	32		
1.016	1.062	1.078	1.156	1.250	1.391	1.500	1.438	1.375	1.297	1.438	2	PORT #2 SIZE
	1.047	1.078	1.141	1.250	1.391	1.500	1.422	1.375	1.297	1.422	3	
		1.094	1.172	1.281	1.406	1.516	1.453	1.391	1.312	1.453	4	
			1.172	1.281	1.422	1.531	1.453	1.391	1.328	1.453	5	
				1.297	1.438	1.547	1.391	1.422	1.344	1.484	6	
					1.453	1.562	1.484	1.438	1.359	1.391	8	
						1.562	1.500	1.438	1.359	1.500	10	
							1.531	1.468	1.406	1.531	12	
								1.516	1.453	1.562	16	
									1.468	1.594	20	
										1.672	24	

DRILL DEPTH Y

PORT #1 SIZE												
24	20	16	12	10	8	6	5	4	3	2		
.656	.578	.562	.516	.469	.469	.469	.469	.469	.438	.453	32	PORT #2 SIZE
	.656	.641	.578	.656	.641	.562	.547	.531	.516	.516	24	
		.703	.656	.625	.625	.641	.609	.609	.594	.594	20	
			.719	.688	.688	.703	.672	.672	.656	.656	16	
				.750	.750	.766	.750	.734	.719	.719	12	
					.672	.703	.672	.672	.656	.656	10	
						.641	.625	.625	.594	.594	8	
							.562	.562	.531	.547	6	
								.516	.500	.500	5	
									.484	.484	4	
										.469	3	

SAENORM.COM : Click to view the full PDF of as1007a

SAE Technical Board rules provide that: "All technical reports, including standards approved and practices recommended, are advisory only. Their use by anyone engaged in industry or trade is entirely voluntary. There is no agreement to adhere to any SAE standard or recommended practice, and no commitment to conform to or be guided by any technical report. In formulating and approving technical reports, the Board and its Committees will not investigate or consider patents which may apply to the subject matter. Prospective users of the report are responsible for protecting themselves against liability for infringement of patents."

Copyright 1968 by Society of Automotive Engineers, Inc.