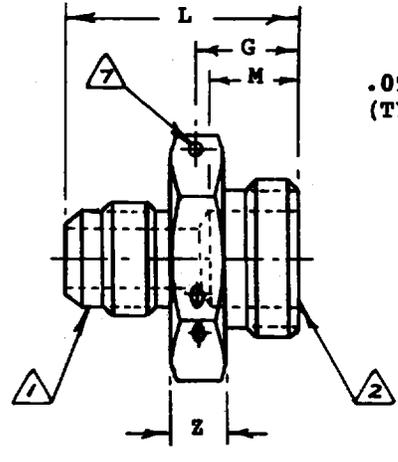
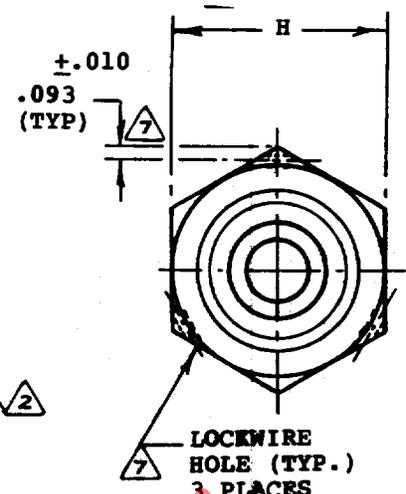


**REDUCER
ADAPTER**



**EXPANDER
ADAPTER**



LOCKWIRE
HOLE (TYP.)
3 PLACES
PER AS 1043
EXCEPT AS
NOTED

- 1
- 2

FITTING END PER MS 33656 STYLE E FOR SPECIFIED TUBE SIZE
BOSS END PER AS 930 FOR SPECIFIED SIZE
HEX SIZE IS DETERMINED BY THE LARGEST END FOR A GIVEN COMBINATION.
SEE EXAMPLE OF PART NUMBER.

EXPANDER ADAPTER: HEX SIZE & HEX CHAMFER PER AS 930
REDUCER ADAPTER: HEX SIZE & HEX CHAMFER PER MS 33656

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REAFFIRMED

APRIL 1993

CUSTODIAN: SAE G-3/G-3B		PROCUREMENT: MIL-F-18280	
<p style="font-size: 8px;">The Engineering Resource For Advancing Mobility.</p> <p style="font-size: 8px;">400 Commonwealth Drive Warrendale, PA 15006</p>	AEROSPACE STANDARD		AS 934
	ADAPTER - REDUCER / EXPANDER, FLARED TUBE TO BOSS		SHEET 1 OF 3

ISSUED 9-1-78 REVISED 10-15-84

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AS 934

	L LENGTH $\pm .015$										G $\pm .010$		F $\pm .010$	
	02	03	04	05	06	08	10	12	16	20	24	32		Z
	.470	.517	.517	.517	.525	.565	.596	.667	.667	.667	.667	.698	Z	(REF.)
	.220	.235	.235	.235	.250	.250	.312	.375	.375	.375	.375	.437	H	HEX REF.
	.625	.688	.750	.813	1.000	1.000	1.125	1.375	1.625	1.875	2.125	2.750	BOSS	END SIZE
02	03	04	05	06	08	10	12	16	20	24	32			
	1.028	1.083	1.083	1.098	1.138	1.138	1.200	1.303	1.303	1.303	1.303	1.365	02	
1.059		1.114	1.114	1.129	1.169	1.169	1.231	1.334	1.334	1.334	1.334	1.396	03	TUBE
1.145	1.145	1.185	1.185	1.200	1.240	1.240	1.302	1.405	1.405	1.405	1.405	1.467	04	
1.145	1.145	1.185	1.185	1.200	1.240	1.240	1.302	1.405	1.405	1.405	1.405	1.467	05	END
1.166	1.166	1.206	1.206	1.246	1.246	1.246	1.308	1.411	1.411	1.411	1.411	1.473	06	
1.267	1.267	1.307	1.307	1.307	1.307	1.307	1.409	1.512	1.512	1.512	1.512	1.574	08	SIZE
1.430	1.430	1.470	1.470	1.470	1.510	1.510	1.613	1.613	1.613	1.613	1.613	1.675	10	
1.599	1.599	1.639	1.639	1.639	1.679	1.679	1.679	1.719	1.719	1.719	1.719	1.781	12	
1.646	1.646	1.686	1.686	1.686	1.726	1.726	1.726	1.766	1.766	1.766	1.766	1.828	16	
1.693	1.693	1.733	1.733	1.733	1.773	1.773	1.773	1.813	1.813	1.813	1.813	1.875	20	
1.818	1.818	1.858	1.858	1.858	1.898	1.898	1.898	1.938	1.938	1.938	1.938	2.000	24	
2.130	2.130	2.170	2.170	2.170	2.210	2.210	2.210	2.250	2.250	2.250	2.250	2.250	32	

L LENGTH $\pm .015$

	L LENGTH $\pm .015$										BOSS		TUBE	END	SIZE
	02	03	04	05	06	08	10	12	16	20	24	32			
02	03	04	05	06	08	10	12	16	20	24	32				
	.435	.480	.460	.455	.470	.505	.570	.505	.435	.365	.295	02			
.555		.495	.480	.475	.490	.525	.590	.520	.455	.385	.310	03			
.630	.645		.490	.485	.500	.535	.600	.535	.465	.395	.325	04			
.610	.630	.640		.505	.515	.550	.620	.550	.485	.415	.340	05			
.615	.630	.645	.660		.540	.575	.640	.575	.505	.435	.385	06			
.685	.705	.715	.735	.755		.560	.625	.555	.490	.420	.345	08			
.825	.840	.850	.870	.895	.875		.645	.575	.505	.440	.365	10			
.985	.975	.985	1.005	1.025	1.010	1.025		.590	.520	.450	.375	12			
.935	.950	.965	.980	1.005	.990	1.005	.980		.580	.510	.440	16			
.915	.930	.945	.960	.985	.970	.985	1.000	1.060		.540	.465	20			
.970	.990	1.000	1.020	1.040	1.025	1.040	1.055	1.115	1.145		.525	24			
1.145	1.165	1.175	1.195	1.215	1.200	1.220	1.230	1.295	1.320	1.380		32			

M DRILL DEPTH $\pm .015$

AEROSPACE STANDARD

ADAPTER - REDUCER / EXPANDER,
FLARED TUBE TO BOSS

AS 934

SHEET 2 OF 3