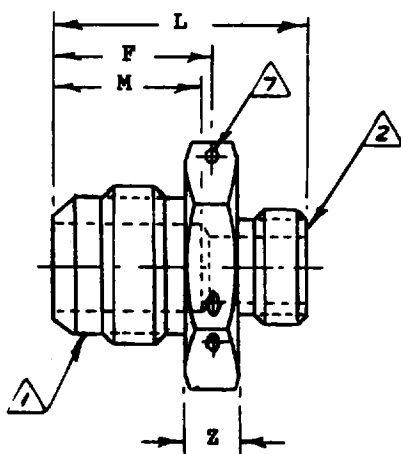
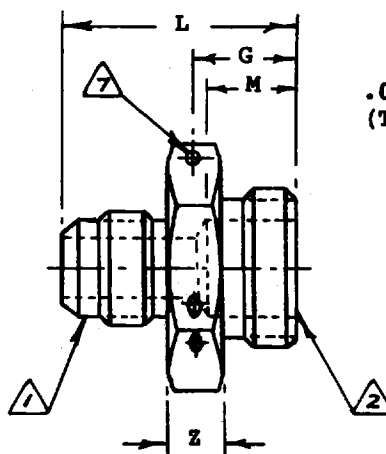
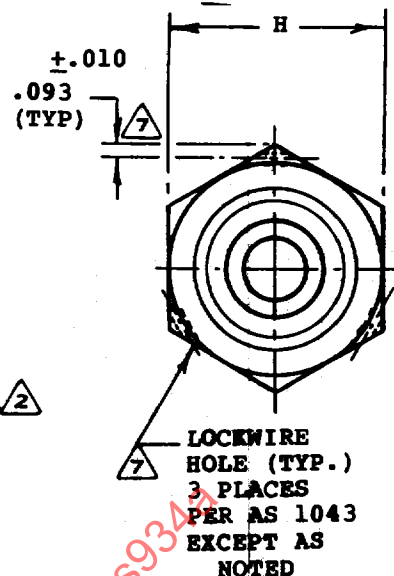


**REDUCER
ADAPTER****EXPANDER
ADAPTER**

1 FITTING END PER MS 33656 STYLE E FOR SPECIFIED TUBE SIZE

2 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**REAFFIRMED**

APRIL 1993

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT: MIL-F-18280

SAE The Engineering
Resource For
Advancing Mobility.400 Commonwealth Drive
Warrendale, PA 15096**AEROSPACE STANDARD**ADAPTER - REDUCER / EXPANDER,
FLARED TUBE TO BOSS**AS 934**

SHEET 1 OF 3

REVISED 10-15-84

ISSUED 9-1-78

AS 934

	L LENGTH $\pm .015$										G $\pm .010$		F $\pm .010$
	02	03	04	05	06	08	10	12	16	20	24	32	
	.470	.517	.517	.517	.525	.565	.596	.667	.667	.667	.667	.698	G
	.220	.235	.235	.235	.250	.250	.312	.375	.375	.375	.375	.437	Z (REF.)
	.625	.688	.750	.813	.813	1.000	1.125	1.375	1.625	1.875	2.125	2.750	H HEX REF.
02	03	04	05	06	08	10	12	16	20	24	32	BOSS END SIZE	
	1.028	1.083	1.083	1.083	1.098	1.138	1.200	1.303	1.303	1.303	1.303	1.365	02
1.059		1.114	1.114	1.129	1.129	1.169	1.231	1.334	1.334	1.334	1.334	1.396	03
1.145	1.145	1.185	1.185	1.200	1.200	1.240	1.302	1.405	1.405	1.405	1.405	1.467	04
1.145	1.145	1.185	1.200	1.200	1.240	1.240	1.302	1.405	1.405	1.405	1.405	1.467	05
1.166	1.166	1.206	1.206	1.246	1.308	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
1.430	1.430	1.470	1.470	1.470	1.470	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	1.639	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	1.686	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	1.733	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	1.858	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	2.170	2.210	2.210	2.250	2.250	2.250	2.250	2.320	32

L LENGTH $\pm .015$

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