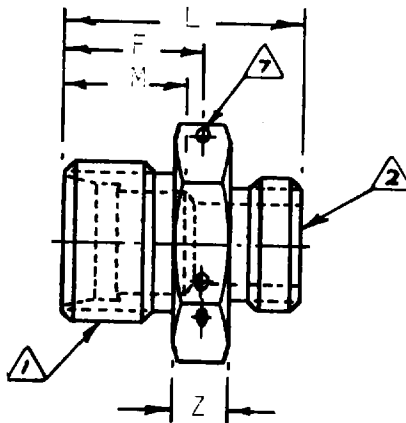
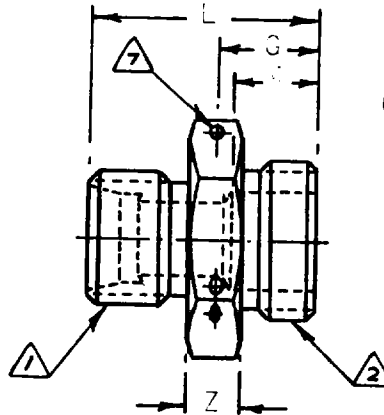
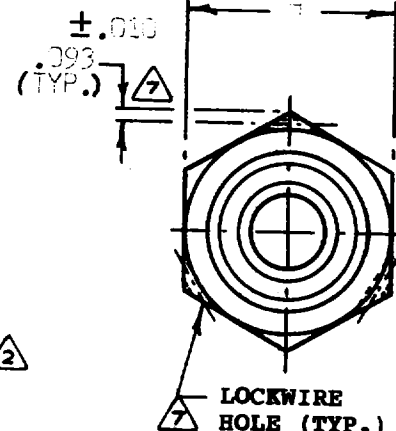


REDUCER
ADAPTEREXPANDER
ADAPTERLOCKWIRE
HOLE (TYP.)
3 PLACES
PER AS 1043
EXCEPT AS
NOTED

FITTING END PER MS 33514 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 930REDUCER ADAPTER: HEX SIZE & HEX CHAMFER PER MS 33514

REAFFIRMED

APR 10 1973

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT: MIL-P-18280

SAE The Engineering
Resource For
Advancing Mobility.400 Commonwealth Drive
Warrendale, PA 15096

AEROSPACE STANDARD

ADAPTER - REDUCER / EXPANDER,
FLARELESS TUBE TO BOSS**AS 932**

SHEET 1 OF 3

AS 932

	.470	.517	.517	.517	.525	.565	.596	.667	.667	.667	.698	G ± .010
	.220	.235	.235	.250	.250	.312	.375	.375	.375	.437	Z	REF.
	.625	.688	.750	.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 SIZE
	.955	1.010	1.010	1.025	1.065	1.127	1.230	1.230	1.230	1.292	02	
1.002		1.057	1.057	1.072	1.112	1.174	1.277	1.277	1.277	1.339	03	
1.048	1.048		1.088	1.103	1.143	1.205	1.308	1.308	1.308	1.370	04	
1.048	1.048	1.088		1.103	1.143	1.205	1.308	1.308	1.308	1.370	05	TUBE
1.079	1.079	1.119	1.119		1.159	1.221	1.324	1.324	1.324	1.386	06	END
1.172	1.172	1.212	1.212	1.212		1.314	1.417	1.417	1.417	1.479	08	SIZE
1.297	1.297	1.337	1.337	1.337	1.377	1.480	1.480	1.480	1.480	1.542	10	
1.423	1.423	1.463	1.463	1.463	1.503	1.503	1.543	1.543	1.543	1.605	12	
1.423	1.423	1.463	1.463	1.463	1.503	1.503	1.543	1.543	1.543	1.605	16	
1.423	1.423	1.463	1.463	1.463	1.503	1.503	1.543	1.543	1.543	1.605	20	
1.423	1.423	1.463	1.463	1.463	1.503	1.503	1.543	1.543	1.543	1.605	24	
1.485	1.485	1.525	1.525	1.525	1.565	1.565	1.605	1.605	1.605	1.605	32	

02	03	04	05	06	08	10	12	16	20	24	32	BOSS END SIZE
	.460	.500	.485	.480	.495	.530	.595	.525	.460	.390	.315	02
.500		.495	.480	.475	.490	.525	.590	.520	.455	.385	.310	03
.525	.545		.500	.500	.510	.545	.615	.545	.475	.410	.335	04
.515	.530	.545		.505	.515	.550	.620	.550	.485	.415	.340	05
.525	.545	.555	.575		.540	.575	.640	.575	.505	.435	.360	06
.585	.600	.610	.630	.655		.585	.650	.580	.515	.445	.370	08
.685	.705	.715	.735	.755	.740		.655	.585	.520	.450	.380	10
.765	.785	.795	.815	.835	.820	.835		.625	.555	.490	.415	12
.700	.720	.730	.750	.770	.755	.775	.785		.605	.535	.460	16
.640	.655	.670	.685	.710	.695	.710	.725	.785		.555	.480	20
.565	.585	.595	.615	.635	.620	.640	.650	.710	.740		.550	24
.490	.510	.520	.540	.560	.545	.565	.575	.640	.665	.725		32

M DRILL DEPTH $\pm .015$

REVISÉD (A) 10-15-84

ISSUED 9-1-78

AEROSPACE STANDARD

ADAPTER - REDUCER / EXPANDER,
FLARELESS TUBE TO BOSS

AS 932

SHEET 2 OF 3