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REV.
B

SAE AS932

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS932B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

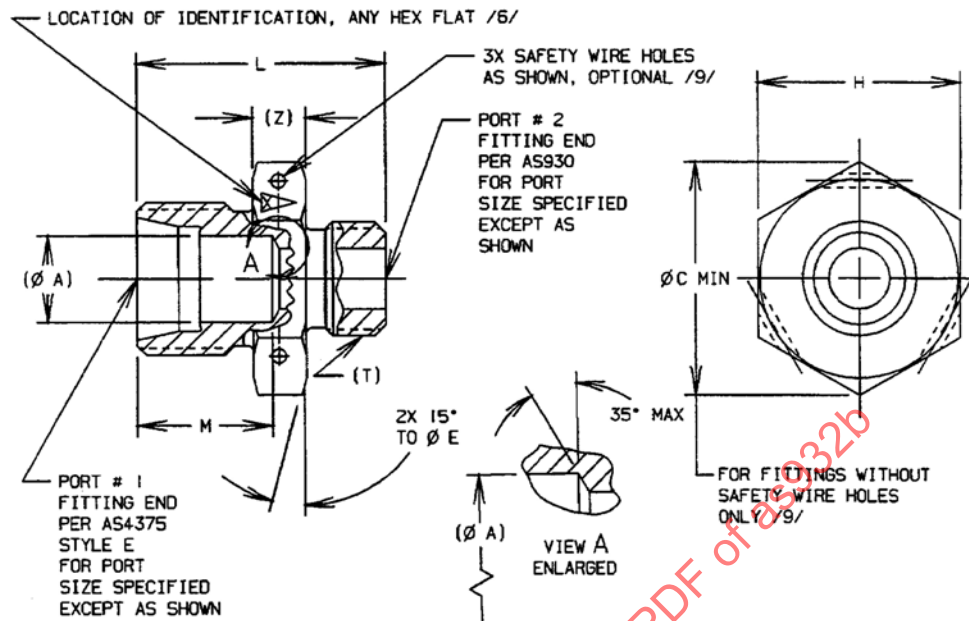


FIGURE 1 - FITTING, ADAPTER, REDUCER

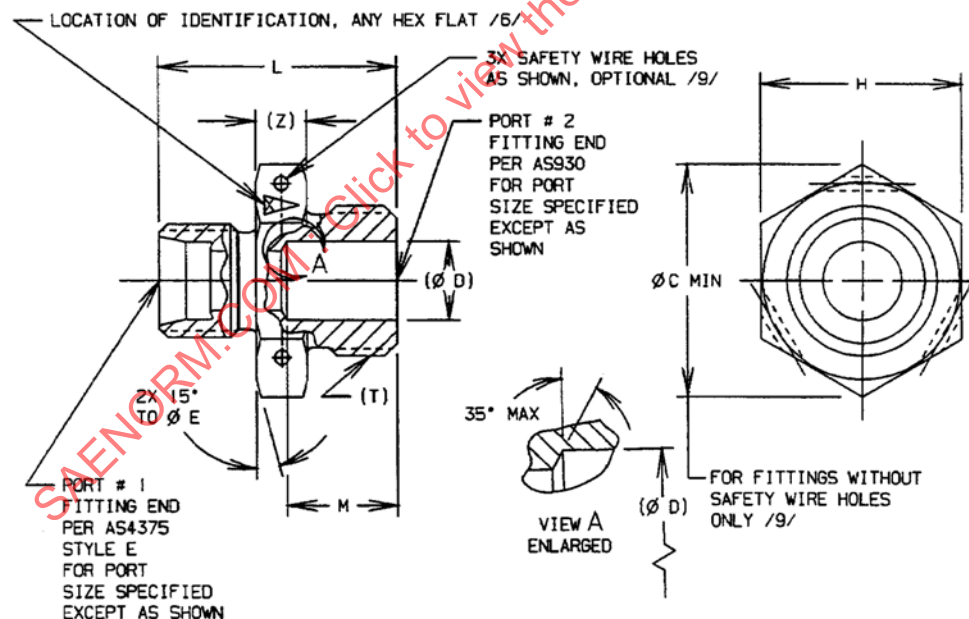
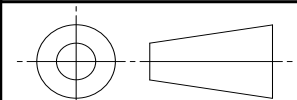


FIGURE 2 - FITTING, ADAPTER, EXPANDER

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<http://www.sae.org/technical/standards/AS932B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ AS4444

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

FITTING, ADAPTER, REDUCER/EXPANDER,
FLARELESS TO BOSS

SAE AS932
SHEET 1 OF 3

**REV.
B**

TABLE 1 - PORT SIZES, CORRESPONDING THREADS, HEX SIZES AND HOLE DEPTHS

PORT SIZE	(NOMINAL TUBE SIZE)	T THREAD PER MIL-S-8879	A	C	D	E ±.010 //I	H //I	Z
02	.125	.3125-24 UNJF	.093	.638	.062	.542	.552-.565	-
03	.188	.3750-24 UNJF	.125	.709	.124	.605	.615-.628	.220
04	.250	.4375-20 UNJF	.187	.780	.172	.668	.678-.691	.235
05	.312	.5000-20 UNJF	.234	.851	.234	.730	.740-.753	.235
06	.375	.5625-18 UNJF	.297	.922	.297	.792	.802-.815	.250
08	.500	.7500-16 UNJF	.422	1.120	.391	.980	.990-1.003	.250
10	.625	.8750-14 UNJF	.500	1.260	.484	1.103	1.113-1.128	.312
12	.750	1.0625-12 UNJ	.656	1.540	.609	1.353	1.363-1.380	.375
16	1.000	1.3125-12 UNJ	.875	1.788	.954	1.603	1.613-1.630	.375
20	1.250	1.6250-12 UNJ	1.093	2.063	1.080	1.853	1.863-1.880	.375
24	1.500	1.8750-12 UNJ	1.344	2.338	1.314	2.099	2.109-2.135	.374
32	2.000	2.5000-12 UNJ	1.813	3.025	1.784	2.724	2.734-2.760	.437

TABLE 2 - DIMENSIONS, OVERALL LENGTH L

SIZE OF PORT #1	L PORT #2 SIZE 02	L PORT #2 SIZE 03	L PORT #2 SIZE 04	L PORT #2 SIZE 05	L PORT #2 SIZE 06	L PORT #2 SIZE 08	L PORT #2 SIZE 10	L PORT #2 SIZE 12	L PORT #2 SIZE 16	L PORT #2 SIZE 20	L PORT #2 SIZE 24	L PORT #2 SIZE 32
02	-	.955	1.010	1.010	1.025	1.065	1.127	1.230	1.230	1.230	1.230	1.292
03	1.002	-	1.057	1.057	1.072	1.112	1.174	1.277	1.277	1.277	1.277	1.339
04	1.048	1.048	-	1.088	1.103	1.143	1.205	1.308	1.308	1.308	1.308	1.370
05	1.048	1.048	1.088	-	1.103	1.143	1.205	1.308	1.308	1.308	1.308	1.370
06	1.079	1.079	1.119	1.119	-	1.159	1.221	1.324	1.324	1.324	1.324	1.386
08	1.172	1.172	1.212	1.212	1.212	-	1.314	1.417	1.417	1.417	1.417	1.479
10	1.297	1.297	1.337	1.337	1.337	1.337	-	1.480	1.480	1.480	1.480	1.542
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	1.423	1.423	1.463	1.463	1.463	1.503	1.503	1.543	1.543	1.543	-	1.605
32	1.485	1.485	1.525	1.525	1.525	1.565	1.565	1.605	1.605	1.605	1.605	-

TABLE 3 - DIMENSIONS, HOLE DEPTH M

SIZE OF PORT #1	M PORT #2 SIZE 02	M PORT #2 SIZE 03	M PORT #2 SIZE 04	M PORT #2 SIZE 05	M PORT #2 SIZE 06	M PORT #2 SIZE 08	M PORT #2 SIZE 10	M PORT #2 SIZE 12	M PORT #2 SIZE 16	M PORT #2 SIZE 20	M PORT #2 SIZE 24	M PORT #2 SIZE 32
02	-	.460	.500	.485	.480	.495	.530	.595	.525	.460	.390	.315
03	.500	-	.495	.480	.475	.490	.525	.590	.520	.455	.385	.310
04	.525	.545	-	.500	.500	.510	.545	.615	.545	.475	.410	.335
05	.515	.530	.545	-	.505	.515	.550	.620	.550	.485	.415	.340
06	.525	.545	.555	.575	-	.540	.575	.640	.575	.505	.435	.360
08	.585	.600	.610	.630	.655	-	.585	.650	.580	.515	.445	.370
10	.685	.705	.715	.735	.755	.740	-	.655	.585	.520	.450	.380
12	.765	.785	.795	.815	.835	.820	.835	-	.625	.555	.490	.415
16	.700	.720	.730	.750	.770	.755	.775	.785	-	.605	.535	.460
20	.640	.655	.670	.685	.710	.695	.710	.725	.785	-	.555	.480
24	.565	.585	.595	.615	.635	.620	.640	.650	.710	.740	-	.550
32	.490	.510	.520	.540	.560	.545	.565	.575	.640	.665	.725	-