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REV.
E

AS931™

FEDERAL SUPPLY CLASS
4730

RATIONALE

ADDED CLASS 3A TO THREAD HEADING IN TABLE 1. CADMIUM WARNING NOTE RELOCATED TO TOP OF THE NOTES. REMOVED "INACTIVE" STATUS FOR MATERIAL CODE LETTER "S" AND REPLACED IT WITH "NOT RECOMMENDED." COLOR ADDED TO ALLOY STEEL FINISH NOTE. UPDATED QPL NOTE TO CURRENT WORDING AND INCLUDED PROC SPEC AS4875 FOR THE STRAIGHT THREADED END. REMOVED SECOND PART OF QPL NOTE; REQUIRED QPL EFFECTIVITY DATE HAS PASSED.

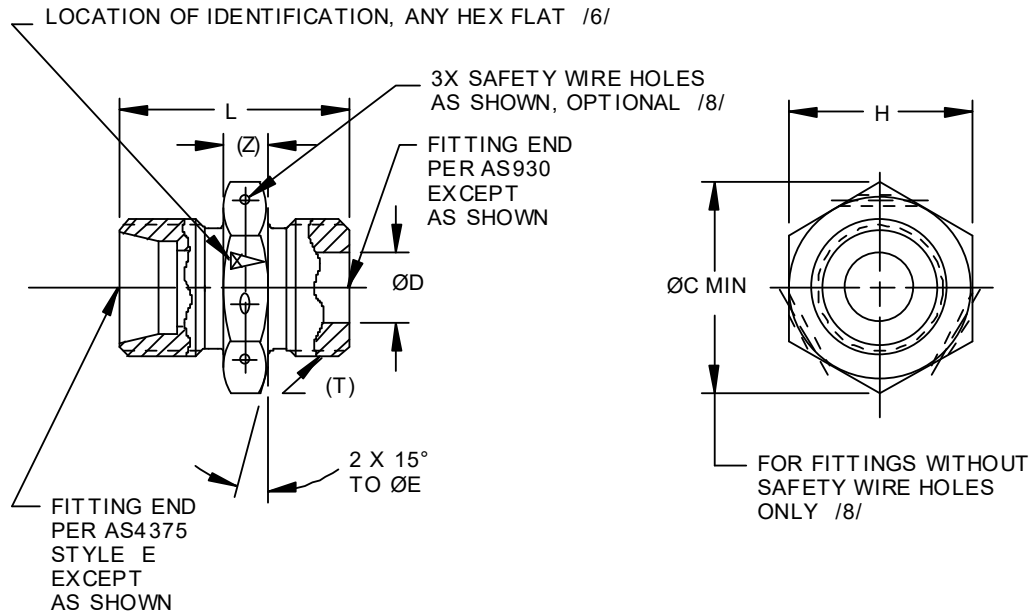
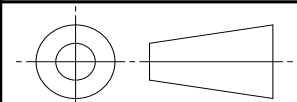


FIGURE 1 - FITTING, ADAPTER, UNION

For more information on this standard, visit
<https://www.sae.org/standards/content/AS931E/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /4/



AEROSPACE STANDARD

FITTING, ADAPTER, UNION,
FLARELESS TO BOSS

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SHEET 1 OF 4

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TABLE 1A - DIMENSIONS

BASIC NO. AS931 /16/ SIZE CODE	NOMINAL TUBE SIZE	T THREAD PER AS8879 CLASS 3A	C	D ±.003	E ±.010
02	.125	.3125-24 UNJF	.638	.093	.542
03	.188	.3750-24 UNJF	.709	.125	.605
04	.250	.4375-20 UNJF	.780	.187	.668
05	.312	.5000-20 UNJF	.851	.234	.730
06	.375	.5625-18 UNJF	.922	.297	.792
08	.500	.7500-16 UNJF	1.120	.422	.980
10	.625	.8750-14 UNJF	1.260	.500	1.103
12	.750	1.0625-12 UNJ	1.540	.656	1.353
16	1.000	1.3125-12 UNJ	1.788	.875	1.603
20	1.250	1.6250-12 UNJ	2.063	1.093	1.853
24	1.500	1.8750-12 UNJ	2.338	1.344	2.099
32	2.000	2.500-12 UNJ	3.025	1.813	2.724

TABLE 1B - DIMENSIONS AND WEIGHTS

BASIC NO. AS931 /16/ SIZE CODE	H	L	Z	LB/EA APPROX REF AL	LB/EA APPROX REF STEEL	LB/EA APPROX REF TI
02	.552-.565	.955	.220	.0111	.0318	.0175
03	.615-.628	1.002	.220	.0148	.0426	.0235
04	.678-.691	1.088	.235	.0193	.0553	.0305
05	.740-.753	1.088	.235	.0232	.0666	.0367
06	.802-.815	1.119	.250	.0272	.0781	.0431
08	.990-1.003	1.252	.250	.0482	.138	.0764
10	1.113-1.128	1.377	.312	.0704	.202	.111
12	1.363-1.380	1.543	.375	.113	.325	.179
16	1.613-1.630	1.543	.375	.153	.439	.242
20	1.863-1.880	1.543	.375	.214	.614	.339
24	2.109-2.135	1.543	.375	.255	.733	.404
32	2.734-2.760	1.605	.437	.464	1.33	.735



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