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REV.
H

AS1582™

FEDERAL SUPPLY CLASS
4730

RATIONALE

CORRECT TYPO FOR SIZE 04, DIM W.

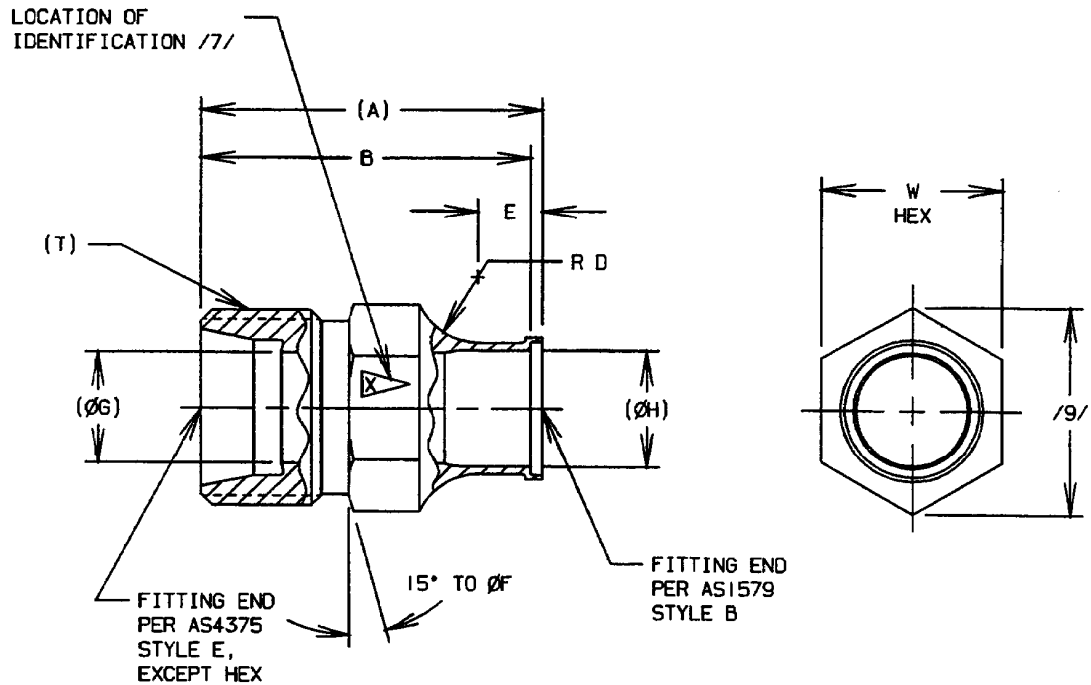
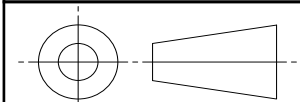


FIGURE 1 - FITTING, ADAPTER

For more information on this standard, visit
<https://www.sae.org/standards/content/AS1582H/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS1576 /6/



AEROSPACE STANDARD

FITTING, ADAPTER, EXTERNAL THREAD
FLARELESS TO INTEGRAL WELD RING,
3000 PSI

AS1582™
SHEET 1 OF 3

REV.
H

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TABLE 1A - DIMENSIONS A-F

BASIC NO. AS1582 /16/ SIZE CODE	NOMINAL TUBE SIZE	NOMINAL TUBE WALL	T THREAD PER AS8879 CLASS 3A	A	B ±.005	D	E	F ±.010
04	.250	.016	.4375-20 UNJF	1.155	1.120	.200	.250	.418
05	.312	.020	.5000-20 UNJF	1.155	1.120	.200	.250	.480
06	.375	.020	.5625-18 UNJF	1.155	1.120	.200	.250	.480
08	.500	.026	.7500-16 UNJF	1.305	1.260	.250	.250	.668
10	.625	.033	.8750-14 UNJF	1.455	1.410	.300	.250	.792
12	.750	.039	1.0625-12 UNJ	1.555	1.500	.300	.300	.980
16	1.000	.052	1.3125-12 UNJ	1.605	1.540	.300	.300	1.228
20	1.250	.065	1.6250-12 UNJ	1.655	1.580	.300	.300	1.603

TABLE 1B - DIMENSIONS G-W AND WEIGHTS

BASIC NO. AS1582 /16/ SIZE CODE	G	H	W	LB/100 APPROX REF CRES	LB/100 APPROX REF TI
04	.187	.212	.428-.440	.0274	.0151
05	.234	.266	.490-.502	.0353	.0195
06	.297	.329	.490-.502	.0367	.0202
08	.422	.442	.678-.691	.0726	.0401
10	.500	.553	.802-.815	.114	.0631
12	.656	.666	.990-1.003	.154	.0852
16	.875	.890	1.238-1.253	.248	.137
20	1.093	1.114	1.613-1.630	.422	.233

NOTES:

/1/ MATERIAL:

- a. CODE LETTER "T": TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS4928.
- b. CODE LETTER "V": TYPE 15-5PH CORROSION RESISTANT STEEL BAR PER AMS5659.

2. HEAT TREATMENT:

- a. MATERIAL CODE LETTER "T": NONE.
- b. MATERIAL CODE LETTER "V": HEAT TREAT TO CONDITION H1075 PER AMS2759/3.

3. FINISH: NONE.

/4/ CLEANING:

- a. NO SUFFIX CODE LETTER IN PART NUMBER: CLEAN BY ANY SUITABLE METHOD PER PROCUREMENT SPECIFICATION.
- b. SUFFIX CODE LETTER "C" IN PART NUMBER: HOT ALKALINE CLEAN PER PROCUREMENT SPECIFICATION.
- c. SUFFIX CODE LETTER "E" IN PART NUMBER FOR TITANIUM ALLOY PARTS ONLY: NITRIC-HYDROFLUORIC ACID ETCH PER PROCUREMENT SPECIFICATION.

5. PACKAGING: PER PROCUREMENT SPECIFICATION.

/6/ PROCUREMENT SPECIFICATION: AS1576, EXCEPT AS SPECIFIED IN THIS STANDARD. PRODUCT MANUFACTURED TO THIS STANDARD SHALL MEET THE REQUIREMENTS SPECIFIED HEREIN AND THE PROCUREMENT SPECIFICATION. ORIGINAL COMPONENT MANUFACTURERS (OCM) SHALL BE LISTED IN THE PRI QUALIFIED PRODUCTS LIST (QPL) PRI-QPL-AS1576 FOR THIS STANDARD. SEE www.eAuditNet.com FOR CURRENT QPL ONLINE.

	AEROSPACE STANDARD		AS1582™ SHEET 2 OF 3	REV. H
	FITTING, ADAPTER, EXTERNAL THREAD FLARELESS TO INTEGRAL WELD RING, 3000 PSI			