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REV.
E

AS4383™

FEDERAL SUPPLY CLASS
4730

RATIONALE

BASED ON PART NUMBER CODIFICATION, GRAPHICS REDRAWN TO SHOW PORT #1 ON LEFT HAND SIDE. NUMBER OF SERRATIONS ADDED. DIMENSION V ADDED TO GRAPHICS AND TABLE 1B. ROOT RADIUS DIMENSION ADDED. PROCUREMENT SPECIFICATION NOTE TO STATE QPL REQUIREMENT AND ADD NEW IMPLEMENTATION DATE NOTE. NEW NOTE /17/ ADDED TO ADDRESS DIMENSIONS NOT SPECIFIED HEREIN.

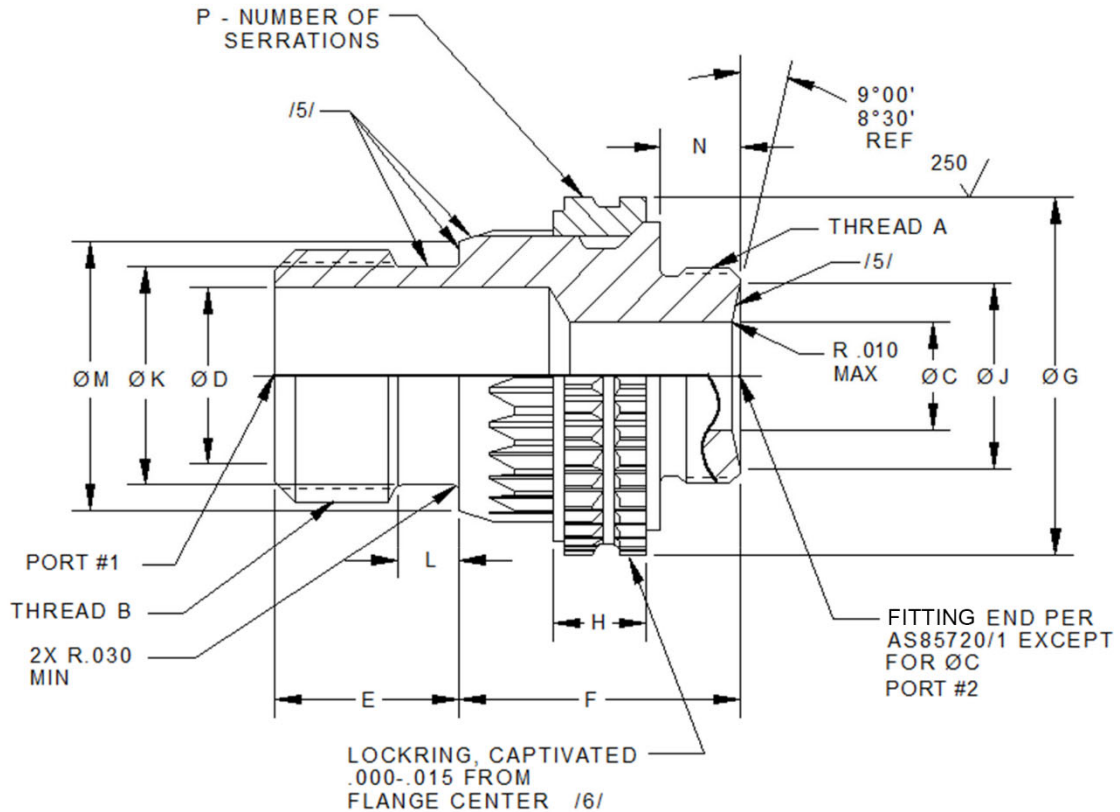
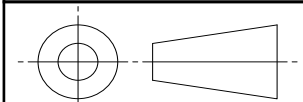


FIGURE 1 - ADAPTER, ASSEMBLY /17/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS4383E/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS85720 /4/



AEROSPACE STANDARD
FITTING ASSEMBLY, REDUCER RING
LOCKED PORT CONNECTION TO BEAM SEAL,
5000 PSI /8/

AS4383™
SHEET 1 OF 3

REV.
E

Documents

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TABLE 1A - DIMENSIONS A-H

BASIC NO. AS4383 /16/ SIZE CODE	A THREAD AS8879	B THREAD AS8879	C	D	E +.000 -.015	F +.010 -.005	G	H ±.007
05-04	.4375-24UNJS-3A	.3750-24UNJF-3A	.184-.190	.232	.381	.701	.624	.192
06-04	.4375-24UNJS-3A	.4375-20UNJF-3A	.184-.190	.295	.395	.733	.700	.210
08-04	.4375-24UNJS-3A	.5625-18UNJF-3A	.184-.190	.412	.430	.734	.814	.210
08-06	.5625-20UNJS-3A	.5625-18UNJF-3A	.294-.300	.412	.430	.754	.814	.210
10-04	.4375-24UNJS-3A	.6875-24UNJEF-3A	.184-.190	.498	.465	.758	1.040	.210
10-06	.5625-20UNJS-3A	.6875-24UNJEF-3A	.294-.300	.498	.465	.758	1.040	.210
10-08	.7188-20UNJS-3A	.6875-24UNJEF-3A	.398-.408	.498	.465	.771	1.040	.210
12-06	.5625-20UNJS-3A	.8125-20UNJEF-3A	.294-.300	.633	.527	.751	1.170	.220
12-08	.7188-20UNJS-3A	.8125-20UNJEF-3A	.398-.408	.633	.527	.764	1.170	.220
12-10	.8438-18UNJS-3A	.8125-20UNJEF-3A	.493-.503	.633	.527	.828	1.170	.220
16-10	.8438-18UNJS-3A	1.1250-18UNJEF-3A	.493-.503	.861	.564	.841	1.456	.220
16-12	1.0000-16UNJ-3A	1.1250-18UNJEF-3A	.604-.614	.861	.564	.881	1.456	.220
20-12	1.0000-16UNJ-3A	1.3125-18UNJEF-3A	.604-.614	1.057	.569	.888	1.782	.240
20-16	1.2500-14UNJS-3A	1.3125-18UNJEF-3A	.839-.851	1.057	.569	.936	1.782	.240
24-12	1.0000-16UNJ-3A	1.6250-18UNJEF-3A	.604-.614	1.297	.608	.909	2.031	.240
24-16	1.2500-14UNJS-3A	1.6250-18UNJEF-3A	.839-.851	1.297	.608	.957	2.031	.240

TABLE 1B - DIMENSIONS J-P

BASIC NO. AS4383 /16/ SIZE CODE	J REF	K +.005 -.002	L +.010 -.005	M MIN	N REF	P	V REF
05-04	.377- .383	.299	.125	.393	.275	36	.491
06-04	.377- .383	.362	.125	.456	.275	36	.544
08-04	.377- .383	.480	.125	.574	.275	40	.670
08-06	.490- .497	.480	.125	.574	.295	40	.670
10-04	.377- .383	.623	.125	.717	.275	38	.824
10-06	.490- .497	.623	.125	.717	.295	38	.824
10-08	.646- .654	.623	.125	.717	.308	38	.824
12-06	.490- .497	.735	.157	.891	.295	40	.981
12-08	.646- .654	.735	.157	.891	.308	40	.981
12-10	.763- .772	.735	.157	.891	.372	40	.981
16-10	.763- .772	.998	.157	1.154	.372	36	1.251
16-12	.910- .919	.998	.157	1.154	.412	36	1.251
20-12	.910- .919	1.223	.157	1.379	.412	56	1.466
20-16	1.148-1.158	1.223	.157	1.379	.460	56	1.466
24-12	.910- .919	1.500	.157	1.656	.412	81	1.768
24-16	1.148-1.158	1.500	.157	1.656	.460	81	1.768

NOTES:

1. MATERIAL:
 - a. FITTING: 6AL-4V TITANIUM ALLOY PER AMS4928, AMS4965, OR AMS4967.
 - b. LOCKRING: A286 CORROSION-RESISTANT STEEL PER AMS5731, AMS5732, AMS5734, AMS5737, OR AMS5853.
2. HEAT TREATMENT:
 - a. FITTING: 130 KSI UTS MIN.
 - b. LOCKRING: 34 TO 40 HRC.

	AEROSPACE STANDARD	AS4383™ SHEET 2 OF 3 	REV. F
	FITTING ASSEMBLY, REDUCER RING LOCKED PORT CONNECTION TO BEAM SEAL, 5000 PSI /8/		

