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REV.
A

AS4377

Submitted for recognition as an American National Standard

FEDERAL SUPPLY CLASS
4730

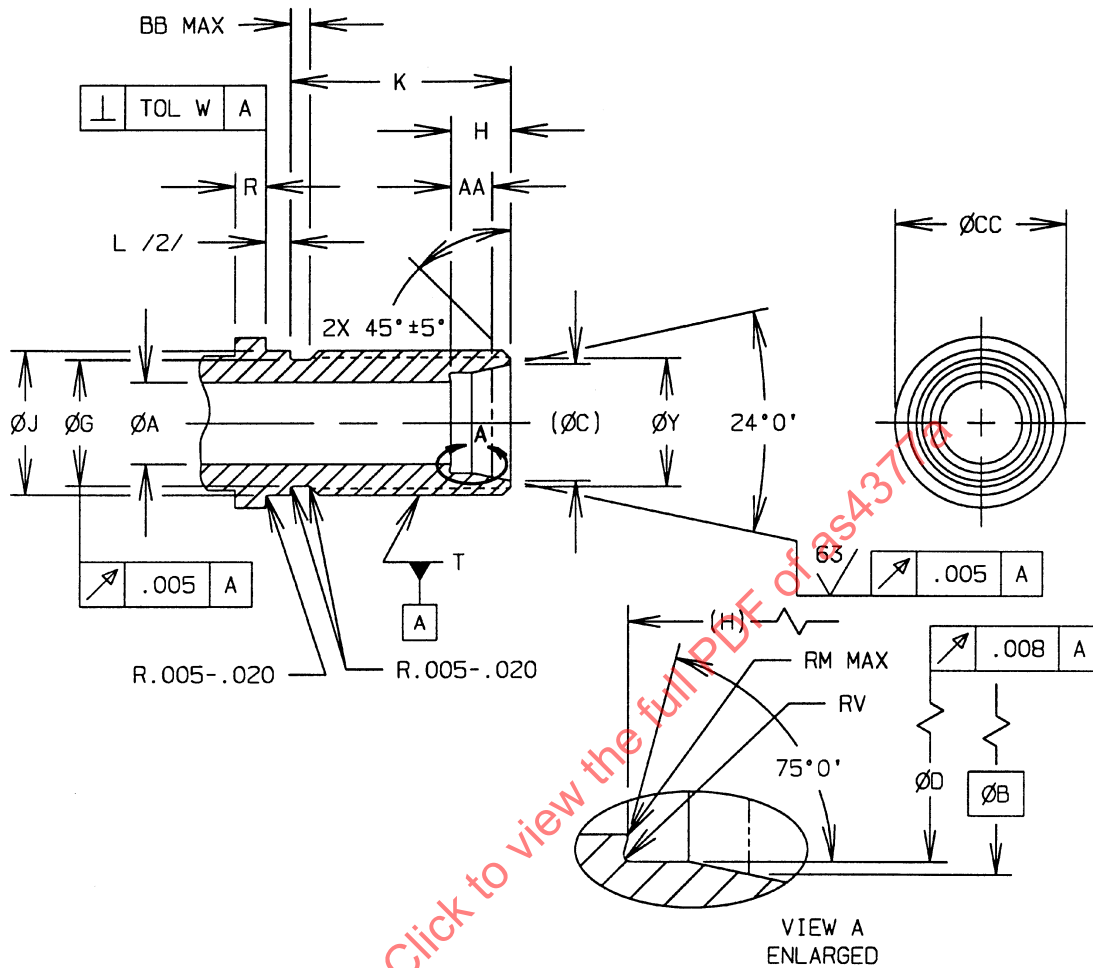
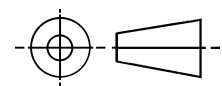


FIGURE 1 - FITTING END DESIGN, STYLE G

INACTIVE IN PART /11/

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: NONE /1/

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AEROSPACE STANDARD

FITTING END, BULKHEAD,
FLARELESS, DESIGN STANDARD

AS4377
SHEET 1 OF 5

**REV.
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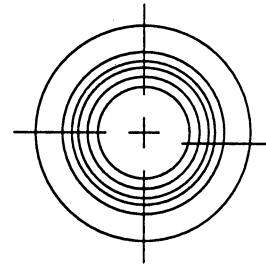
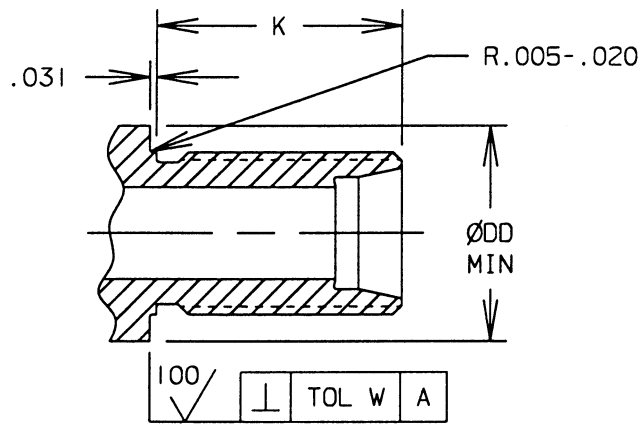


FIGURE 2 - FITTING END DESIGN, STYLE H
SAME AS STYLE G EXCEPT AS SHOWN

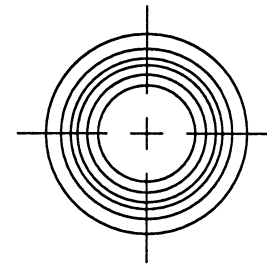
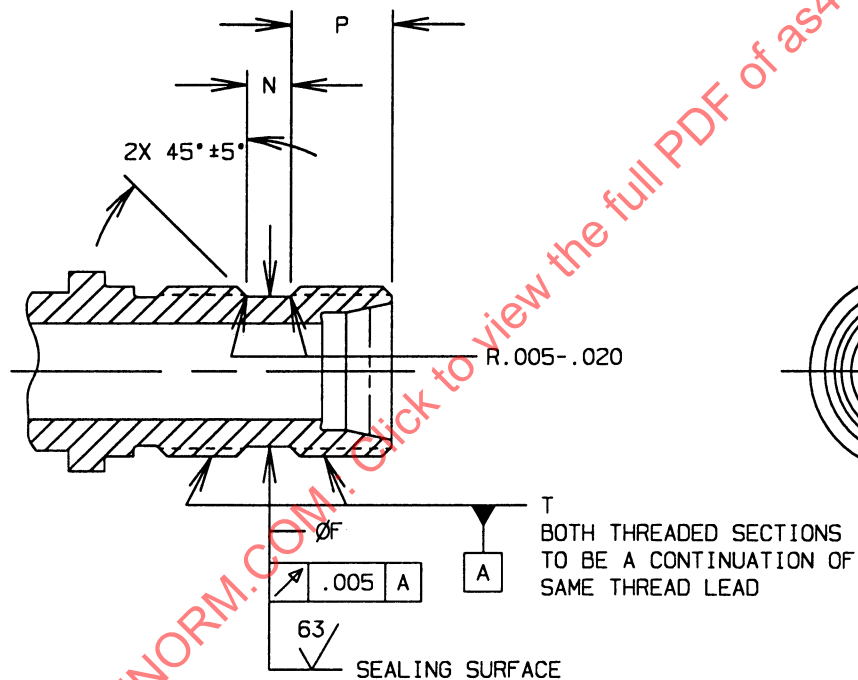


FIGURE 3 - FITTING END DESIGN, STYLE S,
SAME AS STYLE G EXCEPT AS SHOWN. STYLE S IS INACTIVE
FOR DESIGN AS OF THE PUBLICATION DATE OF REVISION A
OF THIS STANDARD. USE STYLE G FOR NEW DESIGN. /11/

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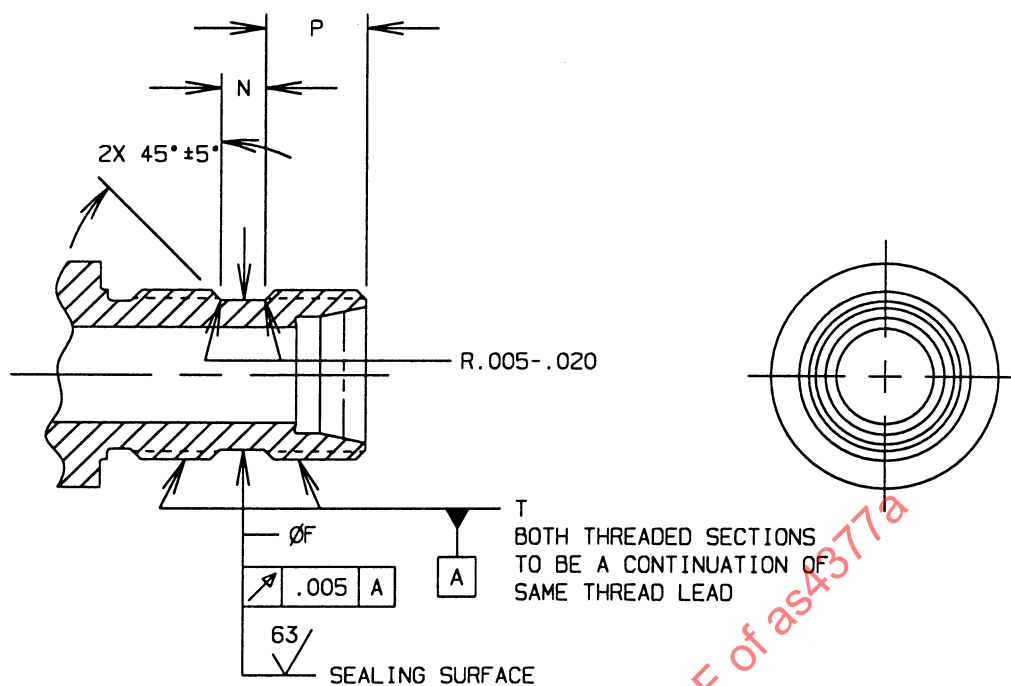


TABLE 1A - DIMENSIONS A-F

BASIC NO. AS4377 /10/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER MIL-S-8879 CLASS 3A	A ±.003	B	C	D +.004/-.000	F +.002/-.003
02	.125	.3125-24 UNJF	.093	.1630	.189	.135	.250
03	.188	.3750-24 UNJF	.125	.2340	.267	.196	.312
04	.250	.4375-20 UNJF	.187	.2930	.319	.261	.364
05	.312	.5000-20 UNJF	.234	.3560	.382	.324	.426
06	.375	.5625-18 UNJF	.297	.4160	.441	.386	.481
08	.500	.7500-16 UNJF	.422	.5600	.601	.514	.660
10	.625	.8750-14 UNJF	.500	.6860	.727	.641	.773
12	.750	1.0625-12 UNJ	.656	.8100	.852	.766	.945
14	.875	1.1875-12 UNJ	.765	.9360	.977	.891	1.070
16	1.000	1.3125-12 UNJ	.875	1.0620	1.102	1.016	1.195
20	1.250	1.6250-12 UNJ	1.093	1.3160	1.355	1.270	1.507
24	1.500	1.8750-12 UNJ	1.344	1.5650	1.604	1.520	1.756
32	2.000	2.5000-12 UNJ	1.813	2.0680	2.108	2.022	2.381

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TABLE 1B - DIMENSIONS G-P

BASIC NO. AS4377 /10/ SIZE CODE	G +.000/- .005	H ±.003	J	K ±.016	L ±.016	M	N +.010/- .000	P ±.005
02	.245	.188	.3053 - .3125	.828	.094	.005	.125	.290
03	.307	.234	.3678 - .3750	.875	.094	.005	.131	.340
04	.359	.234	.4294 - .4375	.938	.094	.005	.140	.355
05	.421	.250	.4919 - .5000	.938	.094	.010	.140	.355
06	.476	.250	.5538 - .5625	.984	.094	.010	.156	.365
08	.654	.305	.7406 - .7500	1.125	.125	.010	.187	.445
10	.767	.350	.8647 - .8750	1.266	.125	.010	.219	.495
12	.938	.350	1.0511 - 1.0625	1.375	.125	.010	.234	.545
14	1.064	.356	1.1761 - 1.1875	1.375	.125	.010	.234	.545
16	1.188	.415	1.3011 - 1.3125	1.375	.125	.010	.234	.545
20	1.501	.415	1.6136 - 1.6250	1.375	.125	.015	.234	.545
24	1.750	.485	1.8636 - 1.8750	1.375	.125	.015	.234	.545
32	2.375	.485	2.4886 - 2.5000	1.578	.125	.015	.234	.545

TABLE 1C - DIMENSIONS R-DD

BASIC NO. AS4377 /10/ SIZE CODE	R ±.030	V	W MAX	Y	AA ±.005	BB	CC ±.031	DD /2/
02	.110	.005 - .010	.005	.250	.128	.078	.438	.542
03	.110	.005 - .020	.005	.310	.158	.078	.500	.605
04	.120	.005 - .020	.005	.365	.174	.090	.562	.668
05	.120	.005 - .020	.005	.425	.190	.090	.625	.730
06	.140	.005 - .020	.005	.480	.193	.098	.688	.792
08	.160	.005 - .020	.005	.660	.210	.109	.875	.980
10	.170	.005 - .020	.005	.775	.255	.122	1.000	1.105
12	.190	.005 - .020	.005	.945	.253	.140	1.187	1.355
14	.190	.005 - .020	.008	1.070	.260	.140	1.312	1.480
16	.190	.005 - .020	.008	1.195	.322	.140	1.438	1.605
20	.190	.020 - .025	.008	1.505	.325	.140	1.750	1.855
24	.190	.020 - .025	.008	1.755	.390	.140	2.000	2.105
32	.190	.020 - .025	.008	2.380	.395	.140	2.625	2.730