

AS4377

FEDERAL SUPPLY CLASS

4730

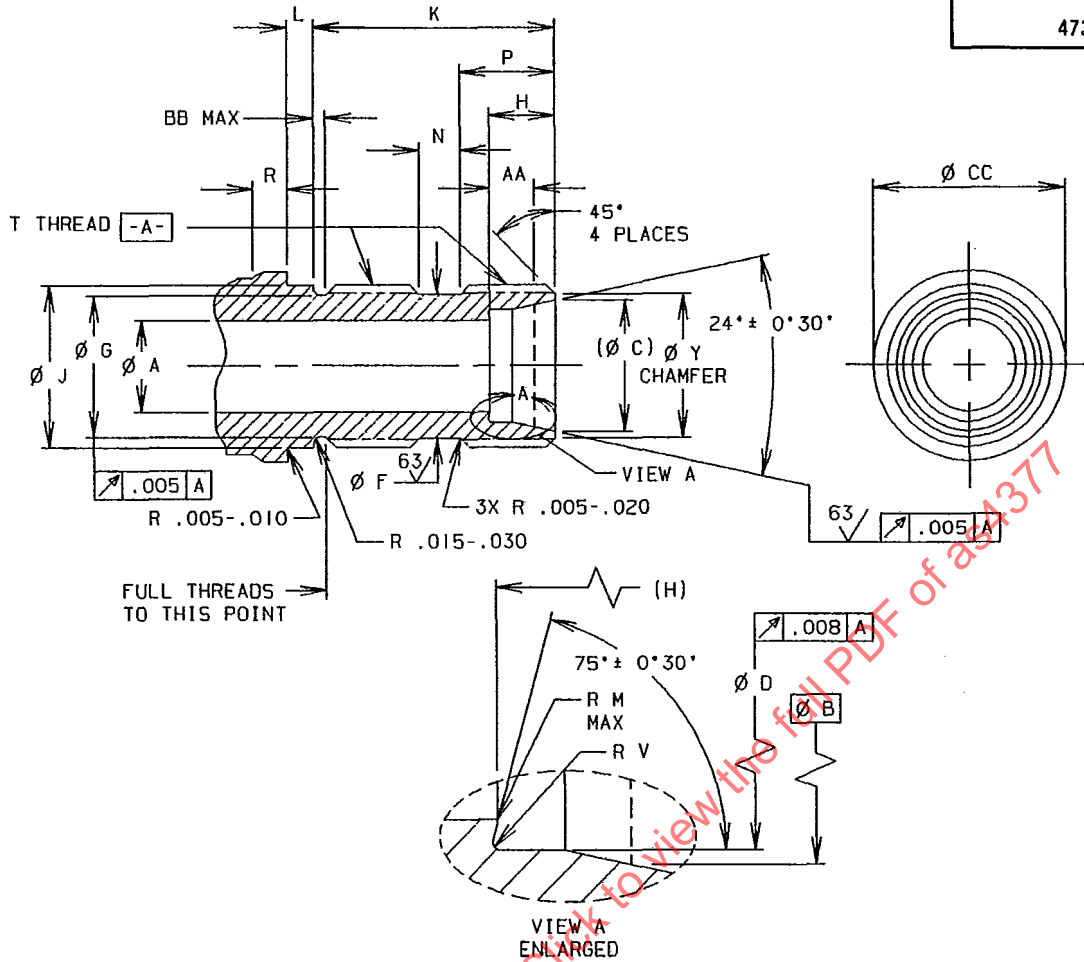
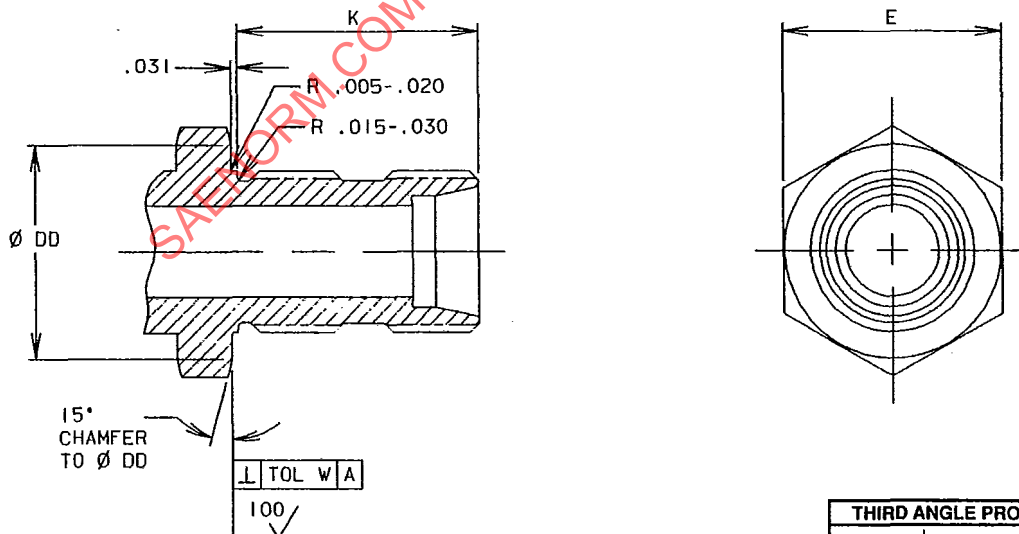


FIGURE 1 - FITTING END DESIGN, STYLE S

FIGURE 2 - FITTING END DESIGN, STYLE E
SAME AS STYLE S EXCEPT AS SHOWN

CUSTODIAN: SAE G-3/G-3B

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL

400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

FITTING END,
BULKHEAD, FLARELESS,
DESIGN STANDARD

AS4377

SHEET 1 OF 3

ISSUED 1992-07-30 REVISED

AS4377

TABLE 1A - DIMENSIONS A-F

BASIC NO. AS4377 /8/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER MIL-S-8879	A ±.003	B	C	D +.004 -.000	E	F +.002 -.003
02	.125	.3125-24UNJF-3A	.093	.1630	.189	.135	.552-.565	.250
03	.187	.3750-24UNJF-3A	.125	.2340	.267	.196	.615-.628	.312
04	.250	.4375-20UNJF-3A	.187	.2930	.319	.261	.678-.691	.364
05	.312	.5000-20UNJF-3A	.234	.3560	.382	.324	.740-.753	.426
06	.375	.5625-18UNJF-3A	.297	.4160	.441	.386	.802-.816	.481
08	.500	.7500-16UNJF-3A	.422	.5600	.601	.514	.990-1.003	.660
10	.625	.8750-14UNJF-3A	.500	.6860	.727	.641	1.115-1.128	.773
12	.750	1.0625-12UNJ -3A	.656	.8100	.852	.766	1.365-1.380	.945
14	.875	1.1875-12UNJ -3A	.765	.9360	.977	.891	1.490-1.505	1.070
16	1.000	1.3125-12UNJ -3A	.875	1.0620	1.102	1.016	1.615-1.630	1.195
20	1.250	1.6250-12UNJ -3A	1.093	1.3160	1.355	1.270	1.865-1.880	1.507
24	1.500	1.8750-12UNJ -3A	1.344	1.5650	1.604	1.520	2.115-2.135	1.756
32	2.500	2.5000-12UNJ -3A	1.813	2.0680	2.108	2.022	2.740-2.760	2.381

TABLE 1B - DIMENSIONS G-P

BASIC NO. AS4377 /8/ SIZE CODE	G +.000 -.005	H ±.003	J ±.016	K ±.016	L ±.016	M ±.010 -.000	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