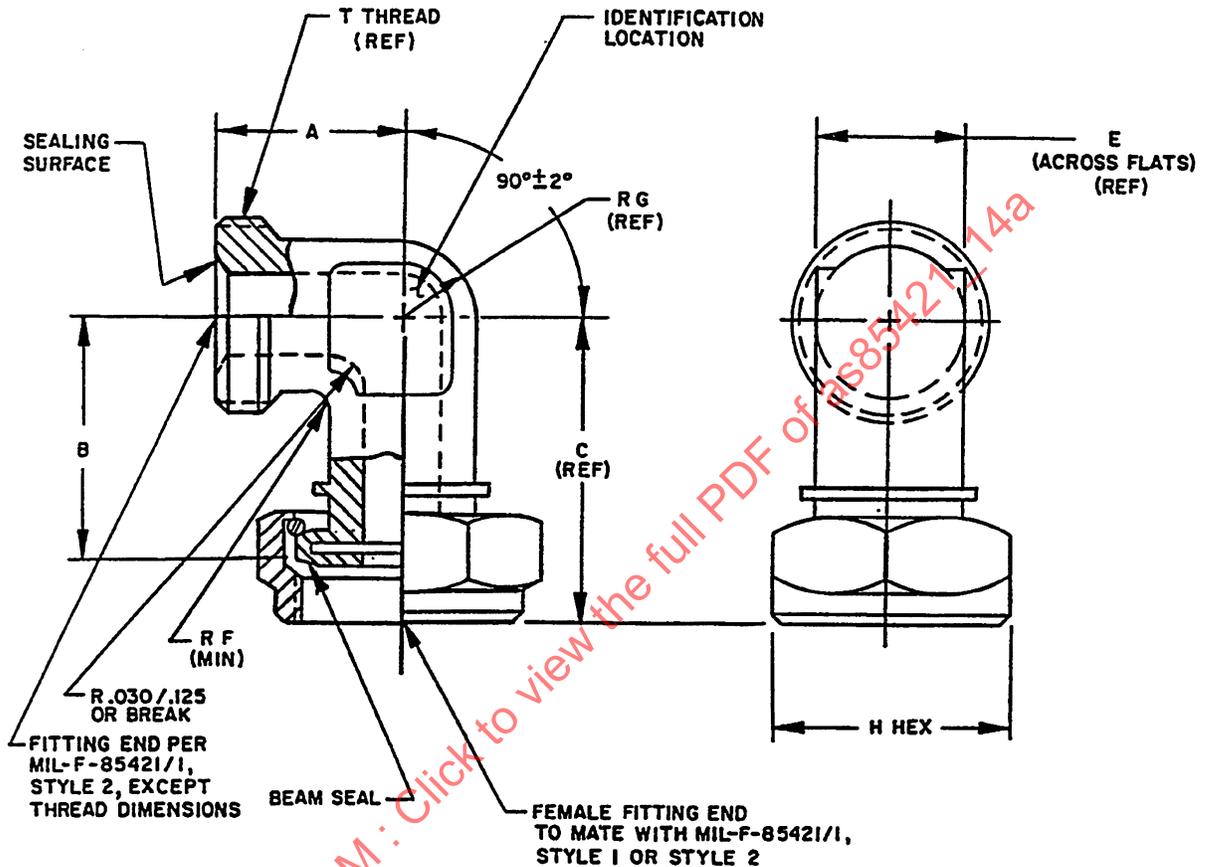


REV.
A

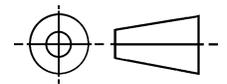
AS85421/14

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION: MIL-F-85421.

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THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE G-3 PROCUREMENT SPECIFICATION: AS85421

	<p>AEROSPACE STANDARD</p> <p>FITTING, ELBOW, 90°, BEAM SEAL, 3000/4000 PSI, MALE TO FEMALE</p>	<p>AS85421/14 SHEET 1 OF 3</p>	<p>REV. A</p>
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ISSUED 2001-05 REVISED 2002-03

TABLE I. DIMENSIONAL DATA.

Dash No.	Tube O.D.	T Thread MIL-S-8879 (Ref)	A	B	C (Ref)	E (Ref)	F Rad (Min)	G Rad (Ref)	H		Wt Lbs (Max)	
											T _i	Cres
-03	.188	.3750-28UNJS-3A	.575	.702	.873	.375	.042	.188	.500		.020	.035
-04	.250	.4375-24UNJS-3A	.617	.808	1.104	.375	.042	.188	.562		.024	.040
-05	.312	.5000-24UNJS-3A	.653	.850	1.060	.438	.042	.219	.625		.030	.042
-06	.375	.5625-20UNJS-3A	.704	.945	1.178	.500	.042	.250	.688		.051	.090
-08	.500	.7188-20UNJS-3A	.824	1.045	1.294	.562	.070	.281	.875	+ .003 - .004	.074	.131
-10	.625	.8438-18UNJS-3A	.955	1.178	1.485	.688	.070	.344	1.000		.120	.212
-12	.750	1.0000-16UNJ-3A	1.062	1.316	1.659	.875	.098	.438	1.125		.160	.283
-14	.875	1.1250-16UNJ-3A	1.216	1.514	1.862	1.125	.098	.563	1.375		.240	.425
-16	1.000	1.2500-14UNJS-3A	1.246	1.529	1.895	1.125	.098	.563	1.500	+ .016	.294	.520
-20	1.250	1.5781-14UNJS-3A	1.387	1.847	2.216	1.375	.098	.688	1.875		.500	.884
-24	1.500	1.8438-14UNJS-3A	1.688	2.171	2.620	1.625	.098	.813	2.125	+ .020	.735	1.300

Sizes -20 and -24 were originally designated as sizes -21 and -25 on some manufacturer's drawings. These sizes will not connect with the original -20 and -24 fittings. See paragraph 6.9 in the procurement specification for additional information.