

FEDERAL SUPPLY CLASS
4730

MA2033 REV. A

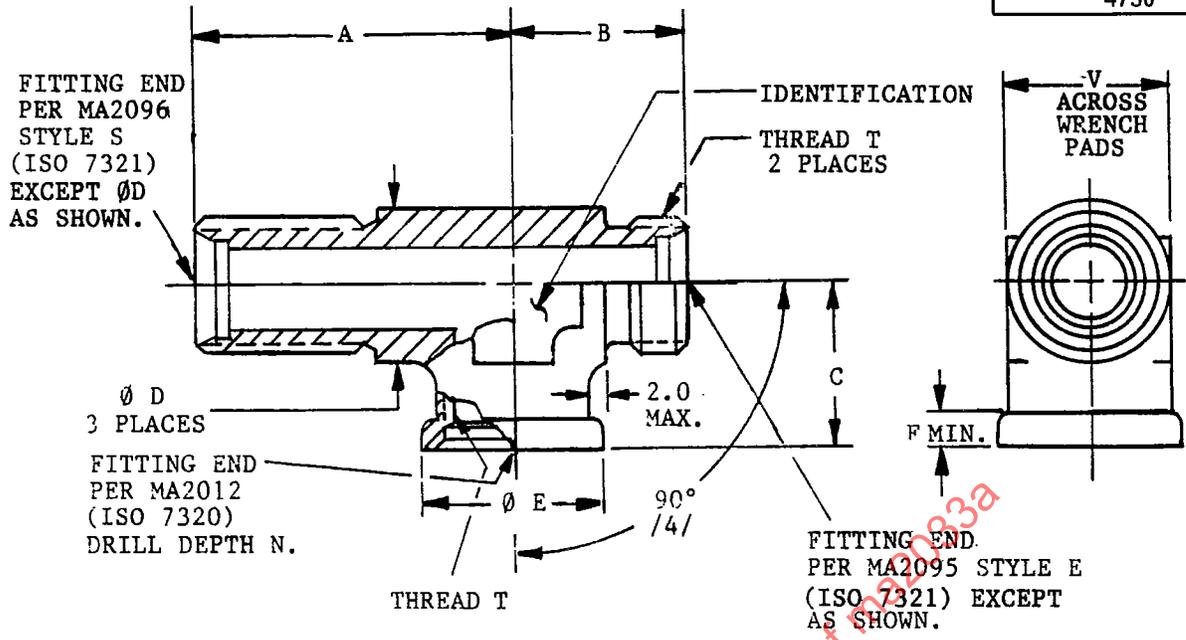


FIGURE 1 - FRONT AND SIDE VIEWS

TABLE 1 - DIMENSIONS

PART NUMBER	TUBE SIZE DN /4/	THREAD T MA1370		A	B	C	D ±1.0 0	E ±1.5 0	F MIN	N	V
		EXT	INT								
MA2033-05	05	MJ10X1	36	18	18	14	16.5	3.8	18.5	13-14	
MA2033-06	06	MJ12X1.25	38	20	21	17	18.5	3.8	21.5	16-17	
MA2033-08	08	MJ14X1.5	42	23	26	19	21.5	6.8	26.5	18-19	
MA2033-10	10	MJ16X1.5	44	24	27	22	23.5	6.8	27.5	21-22	
MA2033-12	12	MJ18X1.5	46	25	28	24	26.5	6.8	28.5	23-24	
MA2033-14	14	MJ20X1.5	47	27	29	27	29.5	6.8	29.5	26-27	
MA2033-16	16	MJ22X1.5	49	28	30	30	29.5	6.8	30.5	28.6-30	
MA2033-20	20	MJ27X1.5	53	32	33	36	35.5	6.8	33.5	34.6-36	
MA2033-25	25	MJ33X1.5	57	36	36	41	40.5	6.8	36.5	39.6-41	
MA2033-32	32	MJ42X2	66	42	45	50	54.5	8.6	45.5	48.6-50	

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PROCUREMENT SPECIFICATION MA2005 (ISO 7169)

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AEROSPACE STANDARD
TEE, FLARELESS,
BULKHEAD ON RUN, BOSS ON SIDE,
METRIC

MA2033
SHEET 1 OF 2

REV. A

ISSUED 1985-08 REVISED (A) 1991-10-30