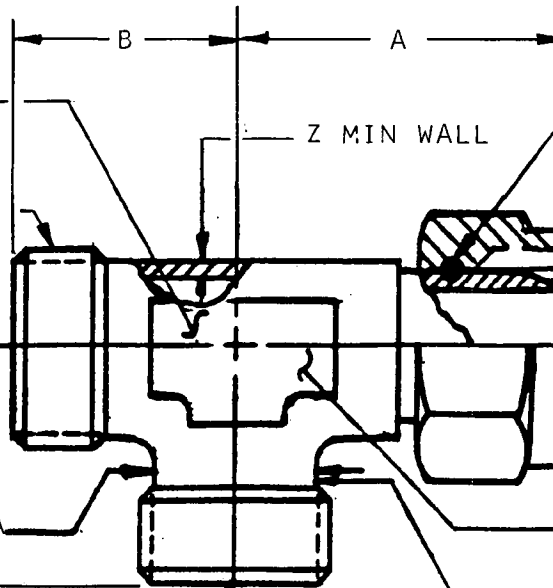


MA 2049V ACROSS
WRENCH PADSTHREAD T
TYP MA2117 (ISO 7321/2)
WIREMA2047
(ISO 7321/2)
NUTFITTING END
PER MA2014
(ISO 7321/2)D DIA
TYP

MARKING

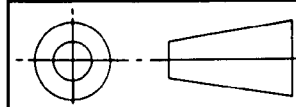
90°

FITTING END
PER MA2095
(ISO 7321/2)
STYLE E
EXCEPT AS SHOWN
TYPTHREAD MARKS ON
D-DIA PERMITTED

DRILL DEPTH E

PART NUMBER	TUBE SIZE DN	THREAD		A ±0.3	B ±0.3	D DIA ±0.5	E ±0.3	V ±0.5	Z MIN
		EXT. 4g6g	INT. 4H6H						
MA2049()05	05	MJ10X1.00		23.5	18	8	18.5	8	1.3
MA2049()06	06	MJ12X1.25		25.0	20	10	20.5	10	1.8
MA2049()08	08	MJ14X1.50		27.0	23	12	23.5	12	1.8
MA2049()10	10	MJ16X1.50		29.0	25	14	25.5	14	2.0
MA2049()12	12	MJ18X1.50		31.5	26	16	26.5	16	2.0
MA2049()14	14	MJ20X1.50		32.5	27	18	27.5	18	2.0
MA2049()16	16	MJ22X1.50		34.5	28	20	28.5	20	2.0
MA2049()20	20	MJ27X1.50		40.0	32	24	32.5	24	2.5
MA2049()25	25	MJ33X1.50		44.0	36	30	36.5	30	2.5
MA2049()32	32	MJ42X2.00		52.0	42	39	42.5	39	3.5

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: MA 2005 (ISO7169)

 The Engineering
Resource For
Advancing Mobility
400 Commonwealth Drive
Warrendale, PA 15096

METRIC AEROSPACE STANDARD

TEE, SWIVEL NUT ON RUN,
FLARELESS, METRIC**MA 2049**

SHEET 1 OF 2