

REV.
B

MA2113

FEDERAL SUPPLY CLASS
4730

RATIONALE

MA2113B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

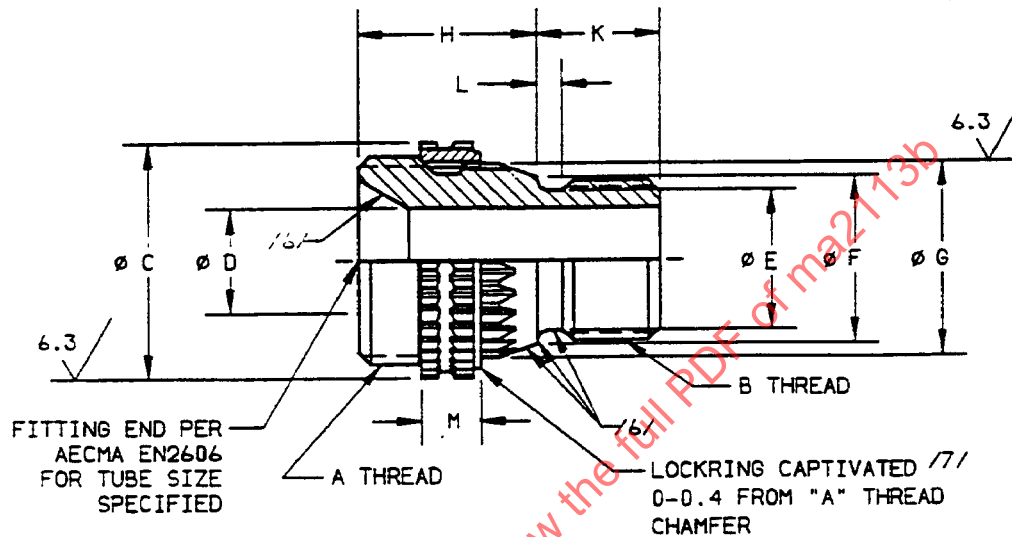


FIGURE 1 - ADAPTER, ASSEMBLY

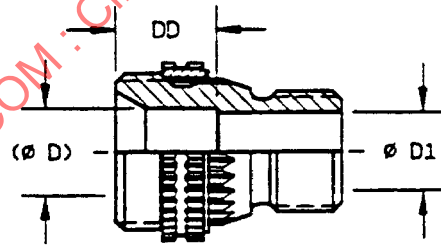
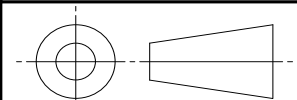


FIGURE 2 - CONFIGURATION FOR SIZES -06, -16, -18 AND -20

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/MA2113B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B /5/

PROCUREMENT SPECIFICATION: /4/ MA2005 (ISO 7169)



AEROSPACE STANDARD

ADAPTER, ASSEMBLY – PORT CONNECTION RING
LOCKED TO 60° FLARELESS TUBE END, METRIC

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TABLE 1A - DIMENSIONS

BASIC NO. MA2113 /16/ SIZE CODE	(NOMINAL TUBE SIZE)	A THREAD MA1370	B THREAD MA1370	C ±.09	D +.20 -.00	D1 +.20 -.00	DD ±.20	E +.15 -.05	F MIN
04	4.0	MJ10 x 1-4g6g	MJ6 x 1-4h6h	12.90	2.50	-	-	4.50	7.10
06	6.0	MJ12 x 1.25-4g6g	MJ8 x 1-4h6h	14.75	4.50	4.40	12.85	6.50	9.05
08	8.0	MJ16 x 1.5-4g6g	MJ12 x 1.25-4h6h	19.50	7.70	-	-	10.20	12.78
10	10.0	MJ18 x 1.5-4g6g	MJ14 x 1.5-4h6h	21.00	9.00	-	-	11.90	14.38
12	12.0	MJ20 x 1.5-4g6g	MJ16 x 1.5-4h6h	22.60	10.70	-	-	13.90	16.36
14	14.0	MJ22 x 1.5-4g6g	MJ18 x 1.5-4h6h	26.40	12.50	-	-	15.90	18.37
16	16.0	MJ24 x 1.5-4g6g	MJ20 x 1.5-4h6h	28.00	14.50	14.20	15.05	17.90	20.37
18	18.0	MJ27 x 1.5-4g6g	MJ22 x 1.5-4h6h	30.20	16.50	15.90	16.00	19.90	22.38
20	20.0	MJ30 x 1.5-4g6g	MJ24 x 1.5-4h6h	33.70	18.50	17.65	16.00	21.90	24.35

TABLE 1B - DIMENSIONS AND WEIGHTS

BASIC NO. MA2113 /16/ SIZE CODE	(G)	H ±.20	K +.50 -.00	L +.15 -.10	M ±.2	WEIGHT KG/EA MAX
04	9.37	16.35	7.95	3.00	5.3	.007
06	11.53	18.85	8.60	3.00	6.1	.010
08	15.37	21.60	10.00	3.00	7.0	.019
10	17.12	21.65	10.65	3.00	7.0	.022
12	18.77	21.85	11.30	3.00	7.0	.029
14	20.93	21.85	12.00	3.00	7.0	.033
16	23.85	22.65	12.70	3.00	7.0	.037
18	24.92	23.25	13.35	3.00	7.0	.044
20	27.41	23.25	14.00	3.00	7.0	.050

NOTES:

1. MATERIAL:

- FITTING: 6Al-4V TITANIUM ALLOY PER AMS 4928, AMS 4965, OR AMS 4967
- LOCKRING: A286 CORROSION RESISTANT STEEL PER AMS 5731 OR AMS 5734

2. HEAT TREATMENT:

- FITTING: 900 MPa UTS MIN
- LOCKRING: 34 TO 40 HRC

3. FINISH:

- FITTING: ANODIC TREATMENT PER AMS 2488, TYPE 2
- LOCKRING: PASSIVATE PER QQ-P-35, TYPE II



AEROSPACE STANDARD

ADAPTER, ASSEMBLY – PORT CONNECTION RING
LOCKED TO 60° FLARELESS TUBE END, METRIC

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