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MA2080

RATIONALE

MA2080 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

FEDERAL SUPPLY CLASS
4720

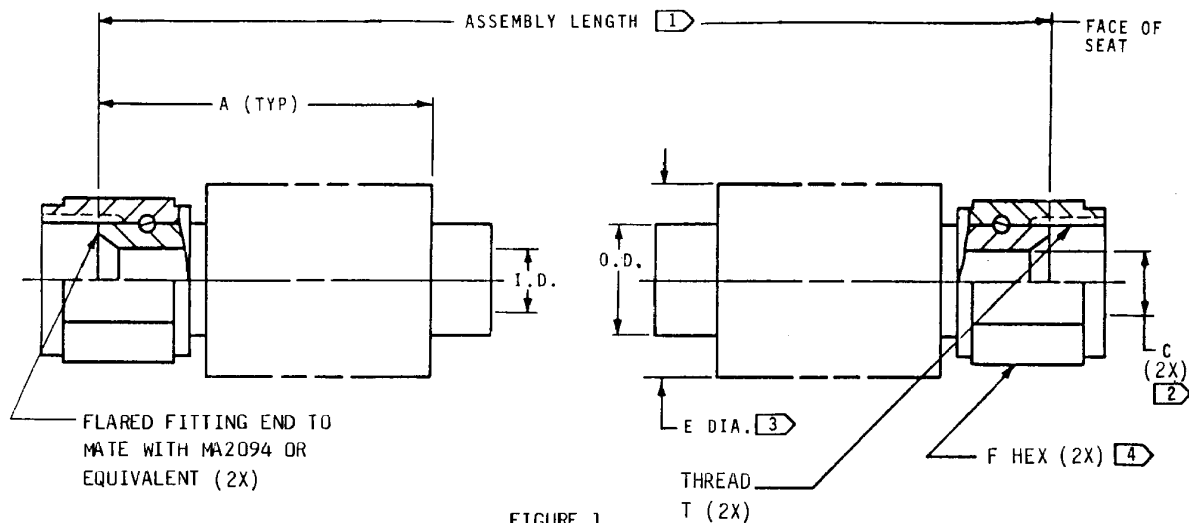


FIGURE 1

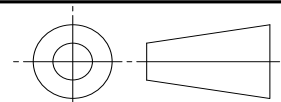
DIMENSIONS IN MILLIMETERS (MM)

TABLE I

HOSE ASSEMBLY NO. AND SIZE CODE	SIZE REF	THREAD T PER AS1370 (ISO 5855) 4H-5H REF	I.D. MIN	A MAX	C ² DRILL DIA MIN	E ³ DIA MAX WITHOUT SLEEVING	F HEX REF	BALL SIZE MIN THRU DIA ²	
								MS 19059 DASH NO.	DIA MM
MA 2080-06	6.0	MJ 12x1.25	5.38	33.02	3.43	17.53	14.22	4807	2.768
MA 2080-10	9.5	MJ 16x1.5	7.57	37.59	6.10	20.32	17.53	4812	4.775
MA 2080-12	12.5	MJ 18x1.5	9.93	42.93	8.64	24.64	22.35	4816	7.950
MA 2080-16	15.5	MJ 22x1.5	12.32	44.96	10.42	28.20	25.40	4818	9.525
MA 2080-20	19.0	MJ 27x1.5	15.29	49.53	12.95	35.06	31.75	4821	11.912
MA 2080-25	25.0	MJ 33x1.5	21.64	59.69	19.30	42.17	38.10	4829	18.262

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/MA2080>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: MA2007



AEROSPACE STANDARD

HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE, CRES REINFORCED, 204 °C, 21,000 KPA, 60-DEG CONE, STRAIGHT TO STRAIGHT, LIGHTWEIGHT, METRIC

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Documents

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TABLE II

SLEEVE CODE	SLEEVE MATERIAL	TEMP LIMIT °C	TOLERANCE	HOSE OR SLEEVE OUTSIDE DIAMETER 5					
				HOSE SIZE					
				06	10	12	16	20	25
-	(--) INDICATES HOSE ONLY NO SLEEVE (AS 1624)	204	MAX MIN	9.91 9.14	12.45 11.56	15.62 14.86	18.54 17.53	25.15 24.13	32.26 31.24
A	ABRASION SLEEVE TUBULAR (TFE-AS1291 - CODE B) 6	204	MAX MIN	12.70 11.18	15.24 13.72	18.54 17.02	21.34 19.81	28.19 26.67	35.56 34.04
B	ABRASION SLEEVE COIL NYLON (AS 1294) 7	135	MAX MIN	11.43 9.91	13.97 12.45	17.65 16.13	20.57 19.05	27.43 25.91	34.54 33.02
C	FIRE SLEEVE (AS 1072 SIL-FG) (15 MIN) 8 9 13	204	MAX MIN	15.88 12.70	19.05 15.88	22.22 19.05	25.40 22.22	31.75 28.58	38.10 34.92
D	ABRASION SLEEVE SHRINK-ON (FEB) 11	177	MAX MIN	10.77 9.50	13.72 12.19	16.89 15.62	20.07 18.54	27.18 25.65	34.29 32.77
E	ABRASION SLEEVE SHRINK-ON (POLYOLEFIN AS 1073-CODE B) 11	135	MAX MIN	11.43 10.16	14.22 12.83	17.65 16.38	20.57 19.05	27.43 25.91	34.54 33.02
F	FIRE SLEEVE (AS 1072 SIL FG) (5 MIN) 8 9 12	204	MAX MIN	15.88 12.70	19.05 15.88	22.22 19.05	25.40 22.22	31.75 28.58	38.10 34.92
G	FIRE SLEEVE INTEGRAL SILICONE (15 MIN) (AS 1722) 13	204	MAX MIN	16.76 15.24	18.92 17.40	22.73 21.21	25.53 24.00	30.99 29.46	38.48 36.96
H	FIRE SLEEVE INTEGRAL SILICONE (5 MIN) 12	204	MAX MIN	16.76 15.24	18.92 17.40	22.73 21.21	25.53 24.00	30.99 29.46	38.48 36.96
J	INTEGRAL ABRASION SLEEVE (BRAIDED) POLYESTER 10	177	MAX MIN	12.45 11.28	14.48 13.59	17.65 16.51	20.32 19.30	27.18 26.16	34.29 33.27
K	ABRASION SLEEVE COIL (PTFE-AS 1293) 7	204	MAX MIN	12.70 11.18	15.24 13.72	18.54 17.02	21.90 20.37	28.19 26.67	35.56 34.04



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CRES REINFORCED, 204 °C, 21,000 KPA, 60-DEG CONE,
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