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MA2170

RATIONALE

MA2170 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

FEDERAL SUPPLY CLASS
4720

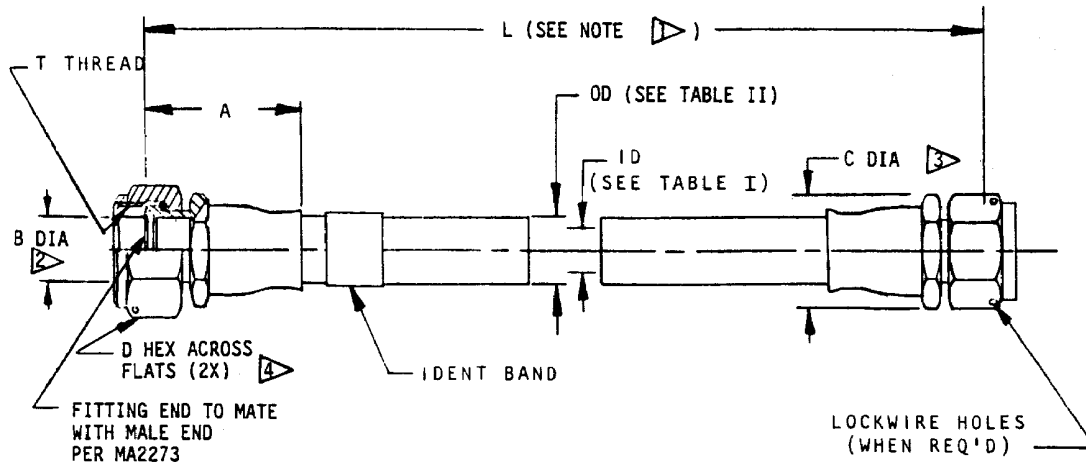


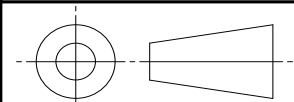
FIGURE 1

TABLE 1

HOSE ASSEMBLY NO. AND SIZE CODE	SIZE REF	THREAD T PER AS1370 (ISO 5855)		I.D. MIN	A MAX	B BALL SIZE MIN THRU DATA		C  DIA MAX WITHOUT SLEEVING	D HEX REF
		4H-5H REF				MS19059 DASH NO.	DIA mm		
MA2170-06	6.0	MJ 12x1.25		5.38	33.02	4807	2.768	17.5	16.0
MA2170-10	10.0	MJ 16x1.5		7.57	36.58	4812	4.775	20.3	21.0
MA2170-12	12.0	MJ 18x1.5		9.93	40.64	4816	7.950	24.6	22.0
MA2170-16	16.0	MJ 22x1.5		12.32	43.18	4818	9.525	27.9	27.0
MA2170-20	20.0	MJ 27x1.5		15.29	46.99	4821	11.912	35.0	32.0
MA2170-25	25.0	MJ 33x1.5		21.64	50.80	4829	18.262	42.2	41.0

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: MA2007



AEROSPACE STANDARD

HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE, PTFE
CRES REINFORCED, 204 °C, 21,000 KPA, LIGHTWEIGHT
BEAM SEAL, STRAIGHT TO STRAIGHT, METRIC

MA2170
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Documents

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TABLE 2

SLEEVE CODE	SLEEVE MATERIAL	TEMP LIMIT °C	TOLE- RANCE	HOSE OR SLEEVE OUTSIDE DIAMETER 					
				HOSE SIZE					
				06	10	12	16	20	25
-	(--) INDICATES HOSE ONLY NO SLEEVE	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) 	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 (AS1294) 	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 (AS1072 SIL-FG) (15 min)   	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
E	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
F	ABRASION SLEEVE SHRINK-ON (Polyolefin AS1073-Code B) 	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
H	FIRE SLEEVE INTEGRAL SILICONE (15 min) (AS1722)  	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
K	INTEGRAL ABRASION SLEEVE (BRAIDED) POLYESTER 	149	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
L	ABRASION SLEEVE COIL (PTFE-AS1293) 	204	MAX MIN	13.97 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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