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MA4573

FEDERAL SUPPLY CLASS
4720

RATIONALE

MA4573 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

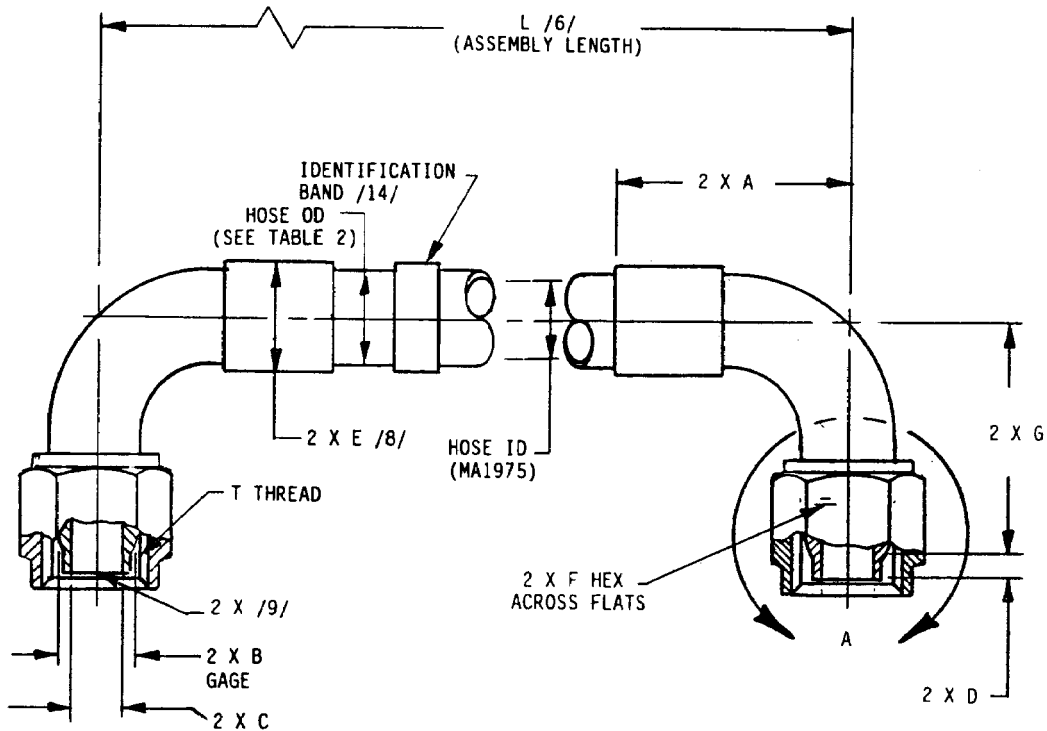


FIGURE 1 - FLARELESS HOSE ASSEMBLY
90° ELBOW TO 90° ELBOW

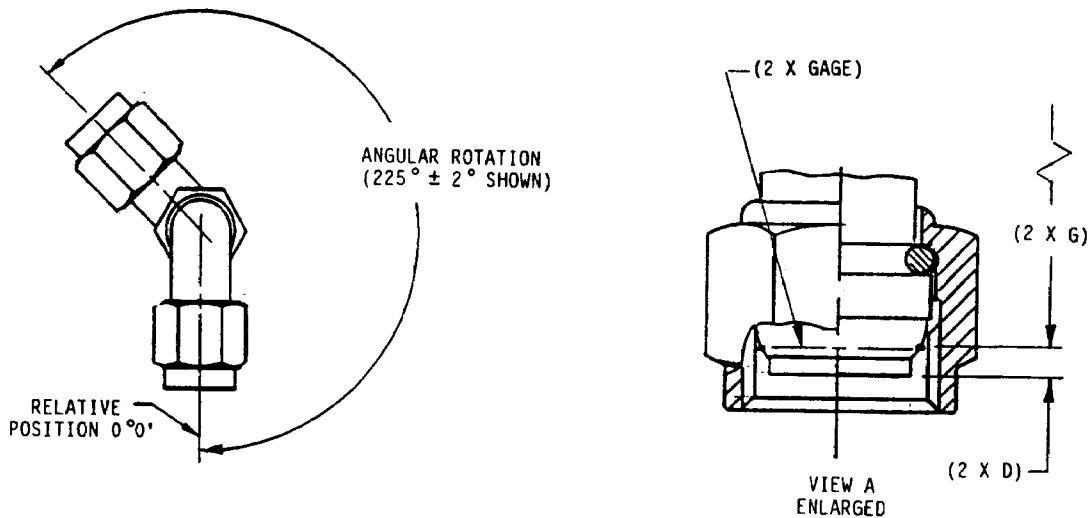
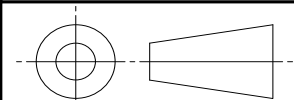


FIGURE 2

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: /2/ MA1975



AEROSPACE STANDARD

HOSE ASSEMBLY, PTFE, ARAMID REINFORCED,
STANDARD DUTY, 21 000/28 000 KPA, 135 °C, TITANIUM
FITTINGS, FLARELESS, 90° TO 90°, METRIC

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TABLE 1 - ASSEMBLY DIMENSIONS IN MM

BASIC HOSE ASSEMBLY NUMBER MA4573 SIZE CODE	(HOSE SIZE)	(THREAD T MA1370 EXT INT 4H5H)	(ID MIN)	A MAX	B GAGE BASIC	D	E /8/ WITHOUT SLEEVING MAX	(F HEX)	G MIN	G MAX	BALL SIZE THRU MS19059 DASH NO		BALL SIZE THRU MIN /7/
											MIN	7/	
E	6	MJ12x1.25	5.4	47.8	7.5	4.1	18	14	16.4	20.1	4807		2.77
G	10	MJ16x1.5	7.6	55.4	11.5	4.1	21	17	18.2	21.3	4812		4.78
H	12	MJ18x1.5	9.9	64.3	13.5	4.8	25	22	21.5	24.7	4816		7.95
J	16	MJ22x1.5	12.3	85.8	17.5	5.1	30	27	27.6	30.8	4818		9.53
K	20	MJ27x1.5	15.3	100.1	21.5	5.8	35	32	32.4	35.6	4821		11.91
M	25	MJ33x1.5	21.6	113.9	26.6	7.6	43	41	38.1	41.3	4829		18.26
N	32	MJ42x2	27.9	132.7	33.7	10.2	60	46	43.2	46.4	4834		22.23
P	40	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD		TBD



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TABLE 2 - HOSE OR SLEEVE OUTSIDE DIAMETER /10/

SLEEVE CODE	SLEEVE MATERIAL	TEMP LIMIT °C	TOLERANCE	HOSE SIZE DN		HOSE SIZE DN		HOSE SIZE DN		HOSE SIZE DN		HOSE SIZE DN		HOSE SIZE DN	
				6	10	12	16	20	25	32	40				
-	(-) INDICATES BRAIDED HOSE ONLY PER MA1975	135	MAX MIN	11.8 10.3	14.1 12.6	18.2 16.6	23.4 21.6	27.3 25.3	34.7 32.6	TBD TBD	TBD TBD				
A	FIRE SLEEVE (AS1072 SIL FG) (5 min) /11/ /12/	135	MAX MIN	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD				
B	FIRE SLEEVE INTEGRAL SILICONE (5 min) /13/	135	MAX MIN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD				
C	PROTECTIVE SLEEVE SHRINK-ON (POLYOLEFIN AS1073 CODE B) /21/	135	MAX MIN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD				



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