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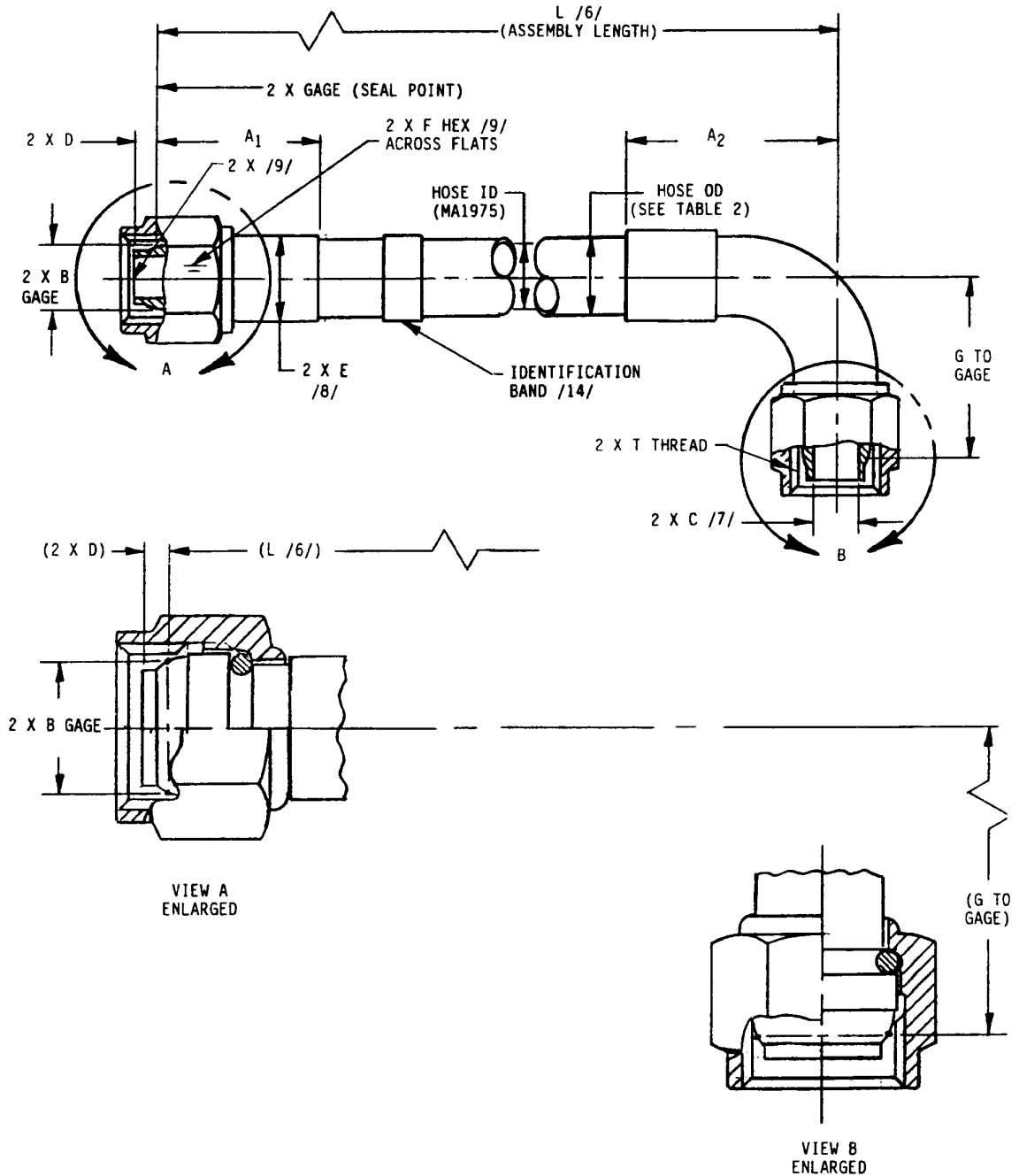
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MA4570

RATIONALE

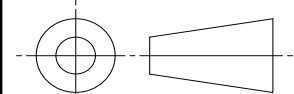
MA4570 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

FEDERAL SUPPLY CLASS
4720



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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,
INCLUDING JUMP SIZES, STRAIGHT TO 90°, METRIC

MA4570
SHEET 1 OF 6

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TABLE 1 - ASSEMBLY DIMENSIONS IN MM

BASIC HOSE ASSEMBLY NUMBER MA4570 SIZE CODE	(HOSE SIZE DN)	/15/ (FITTING TYPE)	THREAD T		ID		A1		A2		Ø		/7/ C MIN		STRAIGHT FTG BORE AFTER ASSEMBLY		(D1)		/8/ E WITHOUT SLEEVEING MAX		(F HEX)		G		BALL SIZE THRU MS19059 DASH NO MIN /7/		/7/ BALL SIZE THRU MIN		
			MA1370	EXT INT	MIN	MAX	MAX	MAX	BASIC	B	FTG BORE	ASSEMBLY	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX
			4HSH	4HSH	MIN	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX
E	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E	6	S	MJ12x1.25	5.4	41.4	47.8	7.5	3.4	3.4	4.1	4.1	18	14	16.4	20.1	4807	4807	2.77	2.77										
E	6	E	MJ16x1.5	5.4	43.1	49.0	11.5	3.4	3.4	4.1	4.1	18	17	18.2	21.3	4807	4807	2.77	2.77										
G	10	R	MJ12x1.25	7.6	43.8	55.4	7.5	3.4	3.4	4.1	4.1	21	14	16.4	20.1	4807	4807	2.77	2.77										
G	10	S	MJ16x1.5	7.6	46.6	55.4	11.5	6.1	6.1	4.1	4.1	21	17	18.2	21.3	4812	4812	4.78	4.78										
G	10	E	MJ18x1.5	7.6	48.6	64.3	13.5	6.1	6.1	4.8	4.8	21	22	21.5	24.7	4812	4812	4.78	4.78										
H	12	R	MJ16x1.5	9.9	54.5	57.9	11.5	6.1	6.1	4.1	4.1	25	17	18.2	21.3	4812	4812	4.78	4.78										
H	12	S	MJ18x1.5	9.9	55.0	64.3	13.5	8.6	8.6	4.8	4.8	25	22	21.5	24.7	4816	4816	7.95	7.95										
H	12	E	MJ22x1.5	9.9	67.9	70.6	17.5	8.6	8.6	5.1	5.1	25	27	27.6	30.8	4816	4816	7.95	7.95										
J	16	R	MJ18x1.5	12.3	72.6	85.7	13.5	8.6	8.6	4.8	4.8	30	22	21.5	24.7	4816	4816	7.95	7.95										
J	16	S	MJ22x1.5	12.3	73.8	85.7	17.5	10.4	10.4	5.1	5.1	30	27	27.6	30.8	4818	4818	9.53	9.53										
J	16	E	MJ27x1.5	12.3	74.2	92.8	21.5	10.4	10.4	5.8	5.8	30	32	32.4	35.6	4818	4818	9.53	9.53										
K	20	R	MJ22x1.5	15.3	82.3	100.1	17.5	10.4	10.4	5.1	5.1	35	27	27.6	30.8	4818	4818	9.53	9.53										
K	20	S	MJ27x1.5	15.3	81.4	100.1	21.5	13.0	13.0	5.8	5.8	35	32	32.4	35.6	4821	4821	11.91	11.91										
K	20	E	MJ33x1.5	15.3	84.3	103.1	26.5	13.0	13.0	7.6	7.6	35	41	38.1	41.3	4821	4821	11.91	11.91										
M	25	R	MJ27x1.5	21.6	93.7	113.9	21.5	13.0	13.0	5.8	5.8	43	32	32.4	35.6	4821	4821	11.91	11.91										
M	25	S	MJ33x1.5	21.6	95.0	113.9	26.6	19.3	19.3	7.6	7.6	43	41	38.1	41.3	4829	4829	18.26	18.26										
M	25	E	MJ42x2	21.6	90.7	118.9	33.7	19.3	19.3	10.2	10.2	43	46	43.2	46.4	4829	4829	18.26	18.26										
N	32	R	MJ33x1.5	27.9	116.8	129.2	26.6	19.3	19.3	7.6	7.6	60	41	38.1	41.3	4829	4829	18.26	18.26										
N	32	S	MJ42x2	27.9	110.0	132.7	33.7	24.3	24.3	10.2	10.2	60	46	43.2	46.4	4834	4834	22.23	22.23										
N	32	-	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD									
P	40	-	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD									
P	40	S	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD									
P	40	-	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD									



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SHEET 2 OF 6



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