

MA2106

FEDERAL SUPPLY CLASS

4720

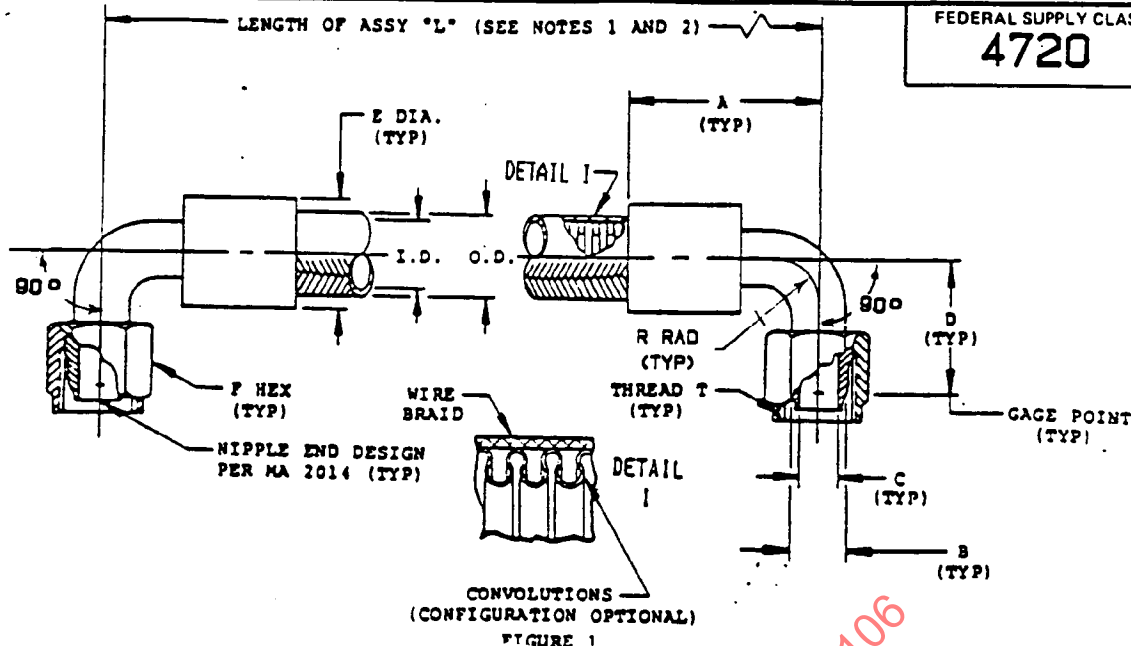


TABLE 1

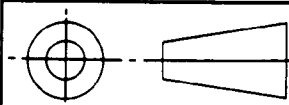
HOSE ASSY PART NUMBER	HOSE ASSY SIZE (DN) ¹	THREAD T PER AS1370 4H 5H	A MAX mm	B GAGE DIA BASIC	C DIA MIN THRU mm	D		E DIA MAX ENVELOPE mm	F HEX (REF) mm	R RAD (REF) mm
						MIN mm	MAX mm			
MA2106E	06	MJ12X1.25	37.9	7.5	3.35	12.5	15.5	22.9	14	6.4
MA2106G	08	MJ14X1.5	43.1	9.5	6.50	13.7	18.5	30.5	17	9.5
MA2106H	12	MJ18X1.5	51.7	13.5	8.76	17.0	23.4	33.0	22	12.7
MA2106J	16	MJ22X1.5	60.5	17.5	10.92	21.1	27.4	38.1	27	15.9
MA2106K	20	MJ27X1.5	69.4	21.5	14.4	21.8	28.2	44.2	32	19.0
MA2106M	25	MJ33X1.5	79.0	26.5	19.3	22.9	29.2	58.4	41	25.4
MA2106N	32	MJ42X2	92.6	33.7	23.4	23.9	33.5	72.4	46	31.8

¹DN = Nominal tube outside diameter

TABLE 2

HOSE SIZE (DN) NDM	HOSE		21°C (70°F)			BALL DIA mm (SEE NOTE 5)	CORRECTION FACTOR mm (SEE NOTE 2)
	ID MIN mm	OD MAX mm	OPERATING PRESSURE MAX kPa	PROOF PRESSURE MIN kPa	BURST PRESSURE MIN kPa		
06	5.5	11.0	13 750	20 650	55 150	3	0
08	7.0	13.5	12 000	18 000	48 000	6	0
12	11.0	20.5	9 600	14 500	38 600	8	0
16	14.0	24.0	8 300	13 400	33 000	10	0
20	17.5	29.0	7 200	10 700	29 000	14	0
25	23.0	36.0	5 500	8 300	22 000	18	0
32	30.0	44.0	3 800	5 700	15 200	22	0

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3D (SEE NOTE 7)

PROCUREMENT SPECIFICATION: MA2100

SAE The Engineering
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METRIC AEROSPACE STANDARD

HOSE ASSEMBLY, METAL, MEDIUM PRESSURE
FLARELESS, WELDED, 90° TO 90°
FITTING ENDS, METRIC

MA2106

Sheet 1 of 2

REVISED

ISSUED 10/20/89

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