

REV.
A

MA2101

FEDERAL SUPPLY CLASS
4720

RATIONALE

MA2101A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

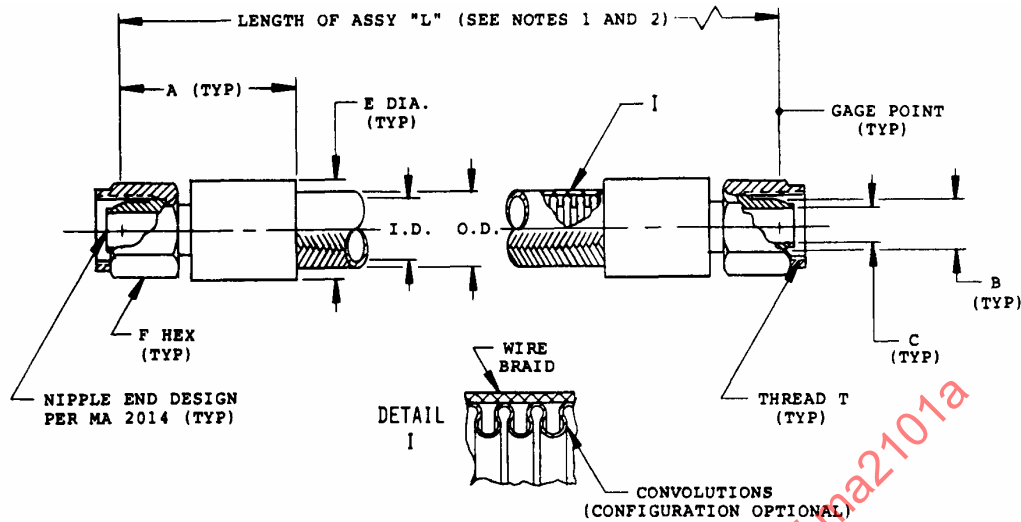


FIGURE 1

TABLE 1

HOSE ASSY PART NUMBER	HOSE ASSY SIZE (DN) ¹	THREAD T PER MA1370 4H 5H	A MAX MM	B GAGE DIA BASIC	C DIA MIN THRU MM	E DIA MAX ENVELOPE MM	F HEX (REF) MM
MA2101E	06	MJ12X1.25	31.8	7.5	3.35	22.9	14
MA2101G	08	MJ14X1.5	35.1	9.5	6.50	30.5	17
MA2101H	12	MJ18X1.5	39.6	13.5	8.76	33.0	22
MA2101J	16	MJ22X1.5	44.5	17.5	10.92	38.1	27
MA2101K	20	MJ27X1.5	49.3	21.5	14.4	44.2	32
MA2101M	25	MJ33X1.5	53.9	26.5	19.3	58.4	41
MA2101N	32	MJ42X2	60.5	33.7	23.4	72.4	46

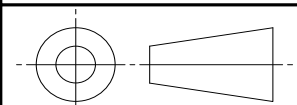
¹ DN = NOMINAL TUBE OUTSIDE DIAMETER

TABLE 2

HOSE SIZE (DN) NOM	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	4.1
08	7.0	13.5	12 000	18 000	48 000	6	4.5
12	11.0	20.5	9 600	14 500	38 600	8	4.8
16	14.0	24.0	8 300	13 400	33 000	10	5.0
20	17.5	29.0	7 200	10 700	29 000	14	5.8
25	23.0	36.0	5 500	8 300	22 000	18	7.8
32	30.0	44.0	3 800	5 700	15 200	22	9.4

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/MA2101A>

THIRD ANGLE PROJECTION



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

PROCUREMENT SPECIFICATION: MA2100



AEROSPACE STANDARD

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

MA2101
SHEET 1 OF 2

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