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MA1636

FEDERAL SUPPLY CLASS

RATIONALE

MA1636 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

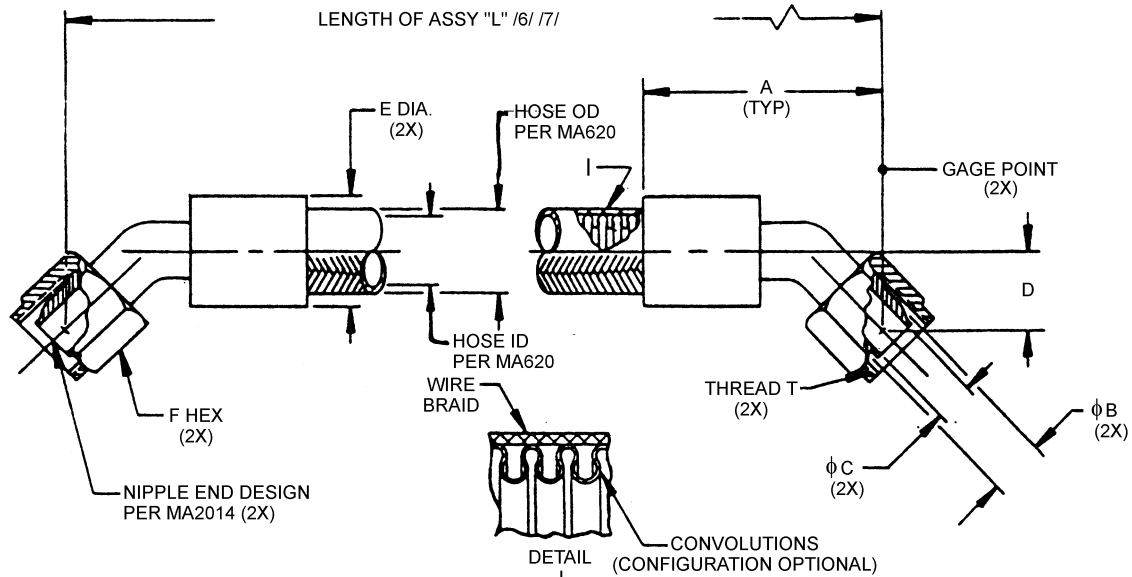


FIGURE 1 - HOSE ASSEMBLY

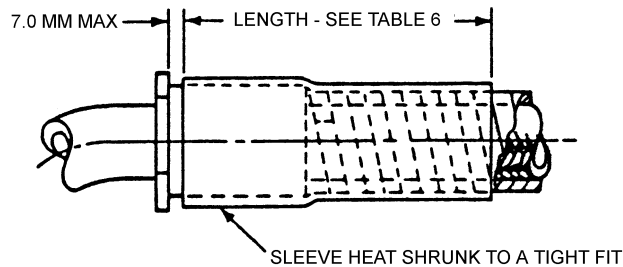
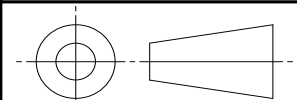


FIGURE 2 - SPIRAL ABRASION COVER /8/

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: MA620 /3/



AEROSPACE STANDARD

HOSE ASSEMBLY, CONVULUTED,
POLYTETRAFLUOROETHYLENE, METALLIC REINFORCED
CONDUCTIVE, FLARELESS, 45° TO 45°

MA1636
SHEET 1 OF 6

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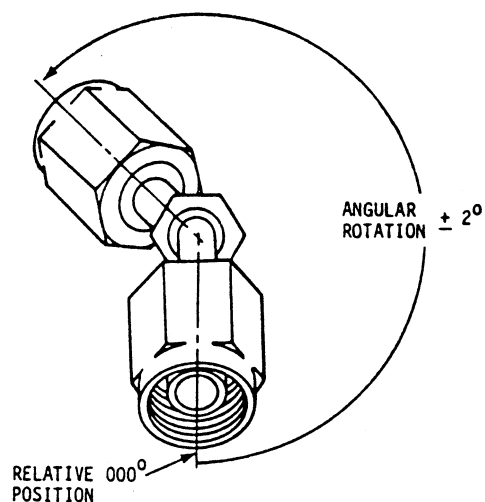


FIGURE 3 - FITTING ANGULAR ORIENTATION /18/

TABLE 1 - ASSEMBLY DIMENSIONS

HOSE ASSY NO. AND SIZE CODE	HOSE ASSEMBLY SIZE DN	THREAD T PER MA1370 4g - 6g	A MAX	B GAGE BASIC	C /10/ MIN	D MIN	D MAX	E /11/ MAX WITHOUT SLEEVEING	F HEX (REF)
MA1636E	06	MJ12 x 1.25	38.6	7.5	3.4	9.8	11.5	14.0	14
MA1636G	10	MJ14 x 1.5	49.0	9.5	6.5	12.9	14.7	17.3	17
MA1636H	12	MJ18 x 1.5	54.9	13.5	8.8	14.4	16.2	21.8	22
MA1636J	16	MJ22 x 1.5	64.5	17.5	10.9	17.8	19.6	24.1	27
MA1636K	20	MJ27 x 1.5	72.9	21.5	16.1	17.8	19.6	32.5	32
MA1636M	25	MJ33 x 1.5	81.0	26.6	21.2	22.9	24.7	37.3	41
MA1636N	32	MJ42 x 2	102.1	33.7	27.5	25.7	27.5	43.2	46
MA1636P	40	MJ50 x 2	116.1	41.7	33.3	31.5	33.3	50.8	60

TABLE 2 - ASSEMBLY LENGTH TOLERANCE

HOSE ASSEMBLY LENGTH	TOLERANCE
UNDER 457 mm	±3 mm
457 TO 914 mm EXCLUSIVE	±7 mm
914 TO 1270 mm EXCLUSIVE	±13 mm
1270 mm AND OVER	±1%