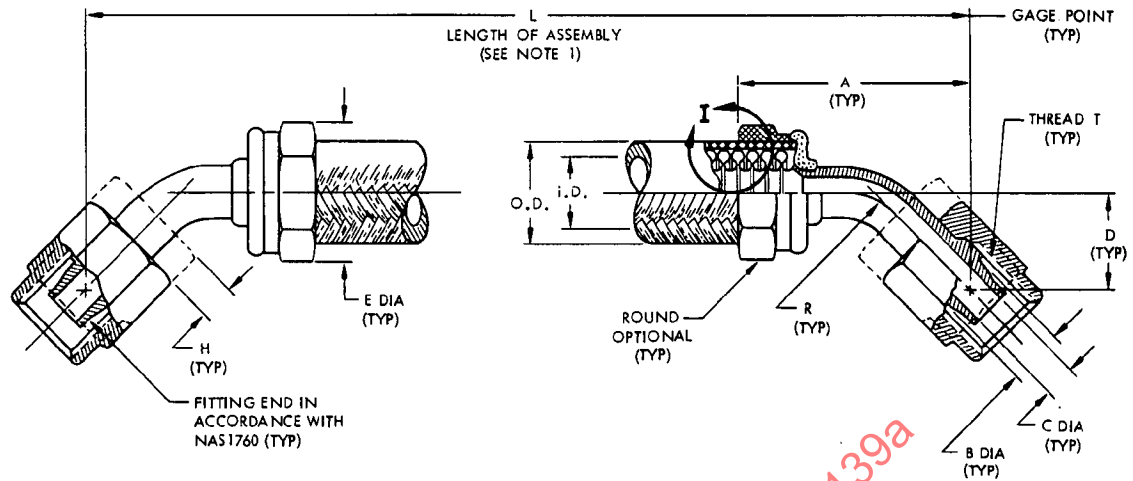


AS139

THIS REVISION CONTAINS ONLY EDITORIAL CHANGES.



CONVOLUTIONS
(CONFIGURATION OPTIONAL)

DETAIL I

TABLE I

HOSE ASSY. SIZE CODE	HOSE SIZE (REF)	TUBE SIZE (REF)	A MAX.	B GAGE DIA. BASIC	C MIN. DIA. THRU 6	D		E ENVELOPE DIA. MAX.	H MIN. 3	R (REF)	THREAD T PER MIL-S-8879 (REF)	HOSE	
						MIN.	MAX.					I.D. MIN.	O.D. MAX.
E	1/4	1/4	1.62	.2930	.141	.49	.61	.900	.40	.250	.4375-20UNJF-3B	.23	.56
G	3/8	3/8	1.88	.4120	.250	.54	.73	1.200	.40	.375	.5625-18UNJF-3B	.34	.70
H	1/2	1/2	2.12	.5600	.360	.67	.92	1.300	.47	.500	.7500-16UNJF-3B	.45	.86
J	5/8	5/8	2.38	.6730	.455	.83	1.08	1.500	.53	.625	.8750-14UNJF-3B	.57	1.00
K	3/4	3/4	2.69	.8100	.568	.86	1.11	1.740	.53	.750	1.0625-12UNJF-3B	.70	1.15
M	1	1	3.19	1.0620	.760	.90	1.15	2.300	.53	1.000	1.3125-12UNJF-3B	.95	1.45
N	1-1/4	1-1/4	3.69	1.3160	.920	.94	1.32	2.850	.54	1.250	1.6250-12UNJF-3B	1.20	1.75

TABLE II

HOSE ASSEMBLY LENGTH	AVAILABLE LENGTH INCREMENTS	LENGTH TOLERANCE
UNDER 10 INCHES	(NOT LESS THAN) 1/8 INCH	(PLUS OR MINUS) .062 INCH
10 TO 36 INCHES	(NOT LESS THAN) 1/8 INCH	(PLUS OR MINUS) .125 INCH
36 TO 50 INCHES	(NOT LESS THAN) 1/4 INCH	(PLUS OR MINUS) .250 INCH
OVER 50 INCHES	(NOT LESS THAN) 1/2 INCH	(PLUS OR MINUS) 1/4

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REAFFIRMED
APRIL 1994

PREPARED BY SAE COMMITTEE G-3, AEROSPACE FITTINGS, HOSE AND TUBE ASSEMBLIES

SAE The Engineering Society
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Land Sea Air and Space®

AEROSPACE STANDARD

HOSE ASSEMBLY, METAL - MEDIUM PRESSURE,
FLARELESS, WELDED, 45° TO 45°

AS139

SHEET 1 OF 2