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ISSUED 1987-04 REAFFIRMED 2013-01 STABILIZED 2024-09

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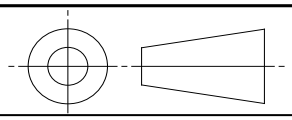
THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: MIL-H-8795

SAE INTERNATIONAL

AEROSPACE STANDARD

HOSE ASSEMBLY, RUBBER, FLARELESS, FIELD ATTACHABLE FITTING, 90° TO 90°

AS1868™

REV. A

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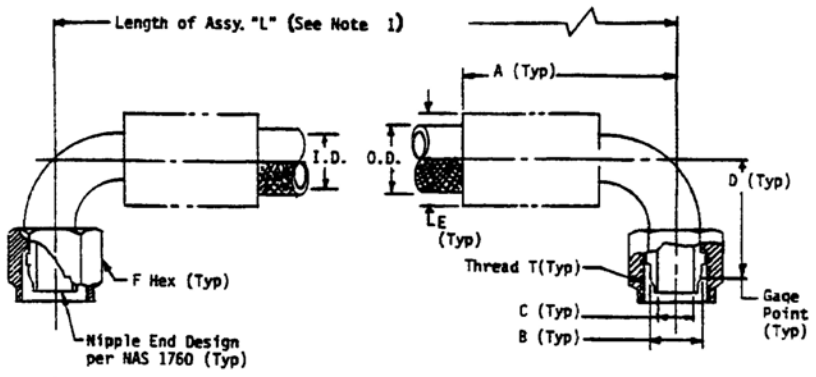

FIGURE 1

TABLE 1

HOSE SIZE DASH NUMBER	HOSE ASSEMBLY SIZE REF.	THREAD T PER MIL-S-8879 REF.	HOSE I.D. MIN.	HOSE O.D. MAX.	A MAX.	B GAGE DIA. BASIC	E /1/ MAX.	F HEX REF.
-03	.125	.3750-24 UNJF-3B	.125	.476		.2340	.627	.50
-04	.188	.4375-20 UNJF-3B	.188	.539	1.86	.2930	.690	.56
-05	.250	.5000-20 UNJF-3B	.250	.601	2.08	.3500	.752	.62
-06	.313	.5625-18 UNJF-3B	.313	.695	2.24	.4120	.877	.69
-08	.406	.7500-16 UNJF-3B	.406	.789	2.66	.5600	1.016	.88
-10	.500	.8750-14 UNJF-3B	.500	.945	2.94	.6730	1.235	1.00
-12	.625	1.0625-12 UNJ-3B	.625	1.101	3.86	.8100	1.360	1.25
-16	.875	1.3125-12 UNJ-3B	.875	1.265	3.67	1.0620	1.546	1.50
-20	1.125	1.6250-12 UNJ-3B	1.125	1.531	3.88	1.3160	1.921	1.81
-24	1.375	1.8750-12 UNJ-3B	1.375	1.781		1.5650	2.124	2.12

TABLE 2

SIZE CODE	D		C MIN. DIA. THRU
	MIN.	MAX.	
-03			.073
-04	.73	.85	.123
-05	.88	1.00	.170
-06	.99	1.11	.232
-08	1.03	1.15	.350
-10	1.25	1.37	.450
-12	1.89	2.01	.575
-16	2.18	2.30	.781
-20	2.22	2.34	1.015
-24			1.250

TABLE 3

HOSE ASSEMBLY LENGTH	AVAILABLE INCREMENTS	TOLERANCE
UNDER 18 INCHES	(NOT LESS THAN) .125 INCH	(PLUS OR MINUS) .125 INCH
18 TO 36 INCHES	(NOT LESS THAN) .250 INCH	(PLUS OR MINUS) .250 INCH
36 TO 50 INCHES	(NOT LESS THAN) .500 INCH	(PLUS OR MINUS) .500 INCH
OVER 50 INCHES	(NOT LESS THAN) 1.000 INCH	(PLUS OR MINUS) 1 PERCENT

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