



FRACTIONAL TUBING FITTING CONNECTION

INLET/OUTLET	ORIFICE SIZE	A	B1	B2	C	D	E	F
1/8"	1/8 [3.18]	2-7/32 [56.4]	1-15/64 [31.5]	63/64 [24.9]	13/32 [10.2]	3/8 [9.7]	1-17/64 [32.3]	29/32 [23.9]
1/4"	1/8 [3.18]	2-13/32 [61.2]	1-11/32 [34.0]	1-5/64 [27.4]	13/32 [10.2]	3/8 [9.7]	1-17/64 [32.3]	15/16 [23.9]
1/4"	1/4 [6.35]	2-49/64 [70.4]	1-5/8 [41.4]	1-9/64 [29.0]	7/16 [11.2]	7/16 [11.2]	1-23/32 [43.4]	1-1/16 [26.9]
3/8"	1/4 [6.35]	2-7/8 [73.2]	1-11/16 [42.9]	1-13/64 [30.5]	7/16 [11.2]	7/16 [11.2]	1-11/16 [42.9]	1-1/16 [26.9]
1/2"	1/4 [6.35]	3-7/64 [79.0]	1-51/64 [45.7]	1-5/16 [33.3]	33/64 [13]	33/64 [13]	1-23/32 [43.4]	1-1/16 [26.9]
1/2"	7/16 [11.1]	3-49/64 [95.8]	2-5/32 [54.6]	1-5/8 [41]	3/4 [19.1]	3/4 [19.1]	2-13/64 [56.1]	1-1/2 [38.4]
3/4"	7/16 [11.1]	3-49/64 [95.8]	2-5/32 [54.6]	1-5/8 [41]	3/4 [19.1]	3/4 [19.1]	2-13/64 [56.1]	1-1/2 [38.4]

FEMALE NPT CONNECTION

1/8"	1/8 [3.18]	2-1/64 [51.3]	1-5/32 [29.2]	7/8 [22.4]	13/32 [10.2]	3/8 [9.7]	1-17/64 [32.3]	15/16 [23.9]
1/4"	1/4 [6.35]	2-41/64 [67.1]	1-37/64 [40.1]	1-1/16 [26.9]	7/16 [11.2]	7/16 [11.2]	1-23/32 [43.4]	1-1/16 [26.9]
3/8"	1/4 [6.35]	3-17/64 [82.8]	2-1/64 [51.1]	1-1/4 [31.8]	3/4 [19.1]	3/4 [19.1]	2-13/64 [56.1]	1-33/64 [38.4]
1/2"	7/16 [11.1]	3-27/64 [86.9]	2-1/64 [51.1]	1-13/32 [35.8]	3/4 [19.1]	3/4 [19.1]	2-13/64 [56.1]	1-33/64 [38.4]

SCALE 2:1

© = CRITICAL DIMENSION  
 STANDARD TOLERANCES UNLESS NOTED:  
 ALL DECIMAL DIMENSIONS ± .005  
 ALL ANGLES ± 1°

		DATE		NAME		MATERIAL	
		DWN BY		MSV SERIES		MINIATURE STAINLESS STEEL	
		CHKD		BALL VALVE		FINISH	
		APPD				DWYER INSTRUMENTS, INC.	
		BY/DATE		ACAD2002		MICHIGAN CITY, INDIANA 46360 U.S.A.	
CHANGES						FR. NO.	
NO.						3	

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