

MODEL

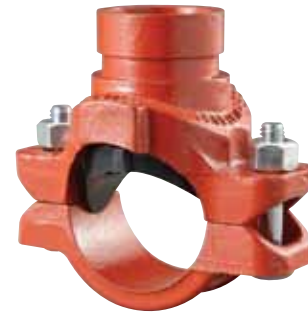
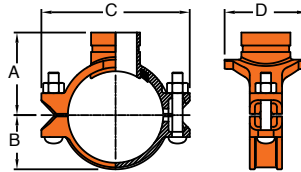
# M22 MECHANICAL TEE GROOVED-END OUTLET

The groove dimensions conform to AWWA C606. UL/FM working pressure is 20 bar (300 psi). The Model 7722 is available in 8" sizes.

### Pressure-Temperature Rating

Nom. Rating	Working Pressure (STD. Roll-grooved)	Max. Service Temperature
Class 150	300 psi @100°F 20 Bar @38°C	EPDM: 230°F / 110°C Nitrile: 180°F / 82°C

\*Working pressure is based on standard wall carbon steel pipe.  
\*Proof test pressure: 1.5 times the working pressure, non-shock cold water.  
\*Burst pressure is engineered minimum 3 times the working pressure.



Nominal Size Run x Branch mm / in	Pipe O. D. mm / in	Hole Dia. +3.2, -0 / +0.13, -0 mm / in	Dimensions				Bolt Size mm / in	Weight Kgs / Lbs
			A mm / in	B mm / in	C mm / in	D mm / in		
50 x 25	60.3 x 33.4	38	73.0	38.1	115.9	81.0	M10 x 55	1.03
2 x 1	2.375 x 1.315	1.50	2.87	1.50	4.57	3.19	3/8 x 2 1/8	2.27
50 x 32	60.3 x 42.2	[45]	76.2	38.1	115.9	84.0	M10 x 55	1.11
2 x 1 1/4	2.375 x 1.660	[1.75]	3.00	1.50	4.57	3.31	3/8 x 2 1/8	2.44
50 x 40	60.3 x 48.3	[45]	76.2	38.1	115.9	84.0	M10 x 55	1.18
2 x 1 1/2	2.375 x 1.900	[1.75]	3.00	1.50	4.57	3.31	3/8 x 2 1/8	2.60
65 x 25	73.0 x 33.4	38	79.4	44.5	141.3	81.0	M12 x 60	1.23
2 1/2 x 1	2.875 x 1.315	1.50	3.13	1.75	5.56	3.19	3/8 x 2 3/8	2.71
65 x 32	73.0 x 42.2	51	82.6	44.5	141.3	94.0	M12 x 60	1.39
2 1/2 x 1 1/4	2.875 x 1.660	2.00	3.25	1.75	5.56	3.70	3/8 x 2 3/8	3.06
65 x 40	73.0 x 48.3	51	82.6	44.5	141.3	94.0	M12 x 60	1.42
2 1/2 x 1 1/2	2.875 x 1.900	2.00	3.25	1.75	5.56	3.70	3/8 x 2 3/8	3.12
76.1 x 25	76.1 x 33.4	38	79.4	46.1	144.5	81.0	M12 x 60	1.23
	3.000 x 1.315	1.50	3.13	1.81	5.69	3.19	1/2 x 2 3/8	2.71
76.1 x 32	76.1 x 42.2	51	82.6	46.1	144.5	94.0	M12 x 60	1.39
	3.000 x 1.660	2.00	3.25	1.81	5.69	3.70	1/2 x 2 3/8	3.06
76.1 x 40	76.1 x 48.3	51	82.6	46.1	144.5	94.0	M12 x 60	1.42
	3.000 x 1.900	2.00	3.25	1.81	5.69	3.70	1/2 x 2 3/8	3.12
80 x 25	88.9 x 33.4	38	85.7	53.2	157.2	81.0	M12 x 75	1.45
3 x 1	3.500 x 1.315	1.50	3.37	2.09	6.19	3.19	1/2 x 3	3.19
80 x 32	88.9 x 42.2	51	90.5	53.2	157.2	94.0	M12 x 75	1.68
3 x 1 1/4	3.500 x 1.660	2.00	3.56	2.09	6.19	3.70	1/2 x 3	3.70
80 x 40	88.9 x 48.3	51	90.5	53.2	157.2	94.0	M12 x 75	1.70
3 x 1 1/2	3.500 x 1.900	2.00	3.56	2.09	6.19	3.70	1/2 x 3	3.74
80 x 50	88.9 x 60.3	64	90.5	53.2	157.2	108.0	M12 x 75	1.83
3 x 2	3.500 x 2.375	2.50	3.56	2.09	6.19	4.25	1/2 x 3	4.03
100 x 25	114.3 x 33.4	38	93.7	66.7	182.6	79.4	M12 x 75	1.65
4 x 1	4.500 x 1.315	1.50	3.69	2.63	7.19	3.13	1/2 x 3	3.63
100 x 32	114.3 x 42.2	51	92.1	66.7	182.6	101.6	M12 x 75	1.80
4 x 1 1/4	4.500 x 1.660	2.00	3.63	2.63	7.19	4.00	1/2 x 3	3.96
100 x 40	114.3 x 48.3	51	92.1	66.7	182.6	101.6	M12 x 75	1.81
4 x 1 1/2	4.500 x 1.900	2.00	3.63	2.63	7.19	4.00	1/2 x 3	3.98
100 x 50	114.3 x 60.3	64	101.6	66.7	182.6	101.6	M12 x 75	1.93
4 x 2	4.500 x 2.375	2.50	4.00	2.63	7.19	4.00	1/2 x 3	4.25
100 x 65	114.3 x 73.0	70	101.6	66.7	182.6	112.7	M12 x 75	2.66
4 x 2 1/2	4.500 x 2.875	2.75	4.00	2.63	7.19	4.44	1/2 x 3	5.85
100 x 76.1	114.3 x 76.1	70	101.6	66.7	182.6	112.7	M12 x 75	2.17
	4.500 x 3.000	2.75	4.00	2.63	7.19	4.44	1/2 x 3	4.78
100 x 80	114.3 x 88.9	89	104.8	66.7	182.6	128.6	M12 x 75	2.41
4 x 3	4.500 x 3.500	3.50	4.13	2.63	7.19	5.06	1/2 x 3	5.30
139.7 x 50	139.7 x 60.3	64	120.7	81.0	223.8	106.4	M16 x 90	2.63
	5.500 x 2.375	2.50	4.75	3.19	8.81	4.19	5/8 x 3 1/2	5.79
139.7 x 76.1	139.7 x 76.1	70	120.7	81.0	223.8	112.7	M16 x 90	2.95
	5.500 x 3.000	2.75	4.75	3.19	8.81	4.44	5/8 x 3 1/2	6.50
139.7 x 80	139.7 x 88.9	70	117.5	81.0	223.8	131.8	M16 x 90	3.08
	5.500 x 3.500	2.75	4.63	3.19	8.81	5.19	5/8 x 3 1/2	6.78
125 x 50	141.3 x 60.3	64	120.7	81.0	223.8	106.4	M16 x 90	2.63
5 x 2	5.563 x 2.375	2.50	4.75	3.19	8.81	4.19	5/8 x 3 1/2	5.79
125 x 65	141.3 x 73.0	70	120.7	81.0	223.8	112.7	M16 x 90	2.88
5 x 2 1/2	5.563 x 2.875	2.75	4.75	3.19	8.81	4.44	5/8 x 3 1/2	6.34
125 x 76.1	141.3 x 76.1	70	120.7	81.0	223.8	112.7	M16 x 90	2.95
	5.563 x 3.000	2.75	4.75	3.19	8.81	4.44	5/8 x 3 1/2	6.49
125 x 80	141.3 x 88.9	70	117.5	81.0	223.8	131.8	M16 x 90	3.08
5 x 3	5.563 x 3.500	2.75	4.63	3.19	8.81	5.19	5/8 x 3 1/2	6.78

1. Hole diameters listed are suggested hole saw diameters. 2. Special caution is required to some exceptional hole sizes shown in [ ].

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