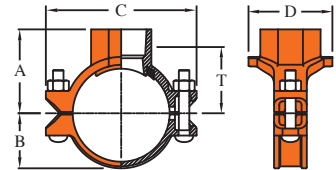




### MODEL V-M21 MECHANICAL TEE FEMALE THREADED OUTLET

The VGS Model V-M21 mechanical tee provides a fast and easy mid-pipe threaded branch outlet. Threads are NPT per ANSI B1.20.1. UL/FM working pressure is rated 300 psi (20 bar).



Nominal Size Run x Branch mm/in	Hole Dia. +3.2, -0 / +0.13, -0 mm/in	Dimensions					Bolt Size mm/in	Weight Kgs/Lbs
		T* mm/in	A mm/in	B mm/in	C mm/in	D mm/in		
50 X 25	38	47	63.5	38.1	115.9	81	M10 X 55	1.09
2 X 1	1.50	1.85	2.50	1.50	4.56	3.19	3/8 X 2-1/8	2.40
50 X 32	[45]	52	73.0	38.1	115.9	84	M10 X 55	1.26
2 X 1.25	[1.75]	2.05	2.87	1.50	4.56	3.31	3/8 X 2-1/8	2.77
50 X 40	[45]	52	76.2	38.1	115.9	84	M10 X 55	1.37
2 X 1.5	[1.75]	2.08	3.00	1.50	4.56	3.31	3/8 X 2-1/8	3.01
65 X 25	38	53	69.9	44.5	141.3	81	M12 X 60	1.30
2.5 X 1	1.50	2.09	2.75	1.75	5.56	3.19	1/2 X 2-3/8	2.86
65 X 32	51	58	76.2	44.5	141.3	94	M12 X 60	1.46
2.5 X 1.25	2.00	2.28	3.00	1.75	5.56	3.70	1/2 X 2-3/8	3.21
65 X 40	51	58	76.2	44.5	141.3	94	M12 X 60	1.56
2.5 X 1.5	2.00	2.28	3.00	1.75	5.56	3.70	1/2 X 2-3/8	3.43
80 X 25	38	61	77.8	53.2	157.2	81	M12 X 75	1.53
3 X 1	1.50	2.40	3.06	2.09	6.19	3.19	1/2 X 3	3.37
80 X 32	51	65	82.6	53.2	157.2	94	M12 X 75	1.81
3 X 1.25	2.00	2.56	3.25	2.09	6.19	3.70	1/2 X 3	3.98
80 X 40	51	71	88.9	53.2	157.2	94	M12 X 75	1.88
3 X 1.5	2.00	2.80	3.50	2.09	6.19	3.70	1/2 X 3	4.14
80 X 50	64	70	88.9	53.2	157.2	108	M12 X 75	2.07
3 X 2	2.50	2.76	3.50	2.09	6.19	4.25	1/2 X 3	4.55
100 X 25	38	73	93.7	66.7	182.6	79.4	M12 X 75	1.70
4 X 1	1.50	2.87	3.69	2.63	7.19	3.13	1/2 X 3	3.74
100 X 32	51	78	92.1	66.7	182.6	101.6	M12 X 75	1.90
4 X 1.25	2.00	3.07	3.63	2.63	7.19	4.00	1/2 X 3	4.18
100 X 40	51	84	92.1	66.7	182.6	101.6	M12 X 75	2.04
4 X 1.5	2.00	3.31	3.63	2.63	7.19	4.00	1/2 X 3	4.49
100 X 50	64	83	101.6	66.7	182.6	101.6	M12 X 75	2.27
4 X 2	2.50	3.27	4.00	2.63	7.19	4.00	1/2 X 3	5.00
100 X 65	70	73	101.6	66.7	182.6	112.7	M12 X 75	2.47
4 X 2.5	2.75	2.87	4.00	2.63	7.19	4.44	1/2 X 3	5.43
100 X 80	89	84	104.8	66.7	182.6	128.6	M12 X 75	2.91
4 X 3	3.50	3.31	4.13	2.63	7.19	5.06	1/2 X 3	6.41
125 X 50	64	83	120.7	81.0	223.8	106.4	M16 X 90	2.90
5 X 2	2.50	3.27	4.75	3.19	8.81	4.19	5/8 X 3-1/2	6.38
150 X 32	51	112	130.2	94.5	250.8	92.1	M16 X 90	2.91
6 X 1.25	2.00	4.41	5.13	3.72	9.87	3.63	5/8 X 3-1/2	6.41
150 X 40	51	112	130.2	94.5	250.8	92.1	M16 X 90	2.99
6 X 1.5	2.00	4.41	5.13	3.72	9.87	3.63	5/8 X 3-1/2	6.58
150 X 50	64	111	130.2	94.5	250.8	106.4	M16 X 90	3.18
6 X 2	2.50	4.37	5.13	3.72	9.87	4.19	5/8 X 3-1/2	7.00
150 X 65	70	101	130.2	94.5	250.8	112.7	M16 X 90	3.58
6 X 2.5	2.75	3.98	5.13	3.72	9.87	4.44	5/8 X 3-1/2	7.88

1. Hole diameters listed are suggested hole saw diameters. 2. \*T: Take-out (Center of run to end of pipe to be engaged)

