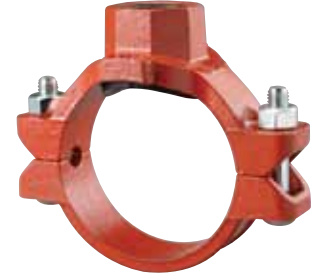
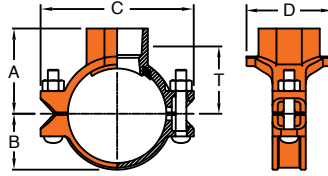


MODEL

M21 & 7721 MECHANICAL TEES

FEMALE THREADED OUTLET

The Shurjoint Model M21 & 7721 mechanical tees provides a fast and easy mid-pipe threaded branch outlet. Threads are NPT per ANSI B1.20.1 or BSPT per ISO 7. UL/FM working pressure is 20 bar (300 psi).



Continued from previous page

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
			T*	A	B	C	D		
100 x 50	114.3 x 60.3	64	83	101.6	66.7	182.6	101.6	M12 x 75	2.27
4 x 2	4.500 x 2.375	2.50	3.27	4.00	2.63	7.19	4.00	½ x 3	5.00
100 x 65	114.3 x 73.0	70	73	101.6	66.7	182.6	112.7	M12 x 75	2.47
4 x 2½	4.500 x 2.875	2.75	2.87	4.00	2.63	7.19	4.44	½ x 3	5.43
100 x 76.1	114.3 x 76.1	70	73	101.6	66.7	182.6	112.7	M12 x 75	2.57
	4.500 x 3.000	2.75	2.87	4.00	2.63	7.19	4.44	½ x 3	5.65
100 x 80	114.3 x 88.9	89	84	104.8	66.7	182.6	128.6	M12 x 75	2.91
	4.500 x 3.500	3.50	3.31	4.13	2.63	7.19	5.06	½ x 3	6.41
139.7 x 50	139.7 x 60.3	64	83	120.7	81.0	223.8	106.4	M16 x 90	2.90
	5.500 x 2.375	2.50	3.27	4.75	3.19	8.81	4.19	⅝ x 3½	6.38
139.7 x 76.1	139.7 x 76.1	70	93	120.7	81.0	223.8	115.9	M16 x 90	3.40
	5.500 x 3.000	2.75	3.67	4.75	3.19	8.81	4.57	⅝ x 3½	7.40
139.7 x 80	139.7 x 88.9	89	97	127.0	81.0	223.8	131.8	M16 x 90	3.82
	5.500 x 3.500	3.50	3.82	4.75	3.19	8.81	5.19	⅝ x 3½	8.41
125 x 50	141.3 x 60.3	64	83	120.7	81.0	223.8	106.4	M16 x 90	2.90
	5.563 x 2.375	2.50	3.27	4.75	3.19	8.81	4.19	⅝ x 3½	6.38
125 x 65	141.3 x 73.0	70	93	120.7	81.0	223.8	112.7	M16 x 90	3.39
	5.563 x 2.875	2.75	3.67	4.75	3.19	8.81	4.44	⅝ x 3½	7.46
125 x 80	141.3 x 88.9	89	97	127.0	81.0	223.8	131.8	M16 x 90	3.82
	5.563 x 3.500	3.50	3.82	4.75	3.19	8.81	5.19	⅝ x 3½	8.40
165.1 x 32	165.1 x 42.2	51	112	130.2	94.5	250.8	92.1	M16 x 90	2.53
	6.500 x 1.660	2.00	4.41	5.13	3.72	9.87	3.63	⅝ x 3½	5.57
165.1 x 40	165.1 x 48.3	51	112	130.2	94.5	250.8	92.1	M16 x 90	3.00
	6.500 x 1.900	2.00	4.41	5.13	3.72	9.87	3.63	⅝ x 3½	6.60
165.1 x 50	165.1 x 60.3	64	111	130.2	94.5	250.8	106.4	M16 x 90	3.17
	6.500 x 2.375	2.50	4.37	5.13	3.72	9.87	4.19	⅝ x 3½	6.97
165.1 x 65	165.1 x 73.0	70	101	130.2	94.5	250.8	112.7	M16 x 90	3.58
	6.500 x 2.875	2.75	3.98	5.13	3.72	9.87	4.44	⅝ x 3½	7.88
165.1 x 76.1	165.1 x 76.1	70	101	130.2	94.5	250.8	115.9	M16 x 90	3.75
	6.500 x 2.875	2.75	3.98	5.13	3.72	9.87	4.56	⅝ x 3½	8.25
165.1 x 80	165.1 x 88.9	89	110	139.7	94.5	250.8	131.8	M16 x 90	4.13
	6.500 x 3.500	3.50	4.33	5.50	3.72	9.87	5.19	5/8 x 3-1/2	9.09
165.1 x 100	165.1 x 114.3	114	113	146.1	94.5	250.8	158.8	M16 x 90	4.77
	6.500 x 4.500	4.50	4.45	5.75	3.72	9.87	6.25	⅝ x 3½	10.50
150 x 32	168.3 x 42.2	51	112	130.2	94.5	250.8	92.1	M16 x 90	2.91
6 x 1¼	6.625 x 1.660	2.00	4.41	5.13	3.72	9.87	3.63	⅝ x 3½	6.41
150 x 40	168.3 x 48.3	51	112	130.2	94.5	250.8	92.1	M16 x 90	2.99
6 x 1½	6.625 x 1.900	2.00	4.41	5.13	3.72	9.87	3.63	⅝ x 3½	6.58
150 x 50	168.3 x 60.3	64	111	130.2	94.5	250.8	106.4	M16 x 90	3.18
6 x 2	6.625 x 2.375	2.50	4.37	5.13	3.72	9.87	4.19	⅝ x 3½	7.00
150 x 65	168.3 x 73.0	70	101	130.2	94.5	250.8	112.7	M16 x 90	3.58
6 x 2½	6.625 x 2.875	2.75	3.98	5.13	3.72	9.87	4.44	⅝ x 3½	7.88
150 x 76.1	168.3 x 76.1	70	101	130.2	94.5	250.8	115.9	M16 x 90	3.58
	6.625 x 2.875	2.75	3.98	5.13	3.72	9.87	4.56	⅝ x 3½	7.88
150 x 80	168.3 x 88.9	89	110	139.7	94.5	250.8	131.8	M16 x 90	4.10
6 x 3	6.625 x 3.500	3.50	4.33	5.50	3.72	9.87	5.19	⅝ x 3½	9.02
150 x 100	168.3 x 114.3	114	113	146.1	94.5	250.8	158.8	M16 x 90	4.76
6 x 4	6.625 x 4.500	4.50	4.45	5.75	3.72	9.87	6.25	⅝ x 3½	10.47

MODEL 7721

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
			T*	A	B	C	D		
200 x 50	219.1 x 60.3	[70]	135	166	120	327	101	M20 x 120	6.2
8 x 2	8.625 x 2.375	[2.75]	5.31	6.54	4.72	12.87	3.98	¾ x 4¾	13.6
200 x 65	219.1 x 73.0	70	137	166	120	327	104	M20 x 120	6.2
8 x 2.5	8.625 x 2.875	2.75	5.39	6.54	4.72	12.87	4.09	¾ x 4¾	13.7
200 x 80	219.1 x 76.1	89	136	166	120	327	128	M20 x 120	7.1
8 x 3	8.625 x 3.000	3.50	5.35	6.54	4.72	12.87	5.04	¾ x 4¾	15.6
200 x 100	219.1 x 114.3	114	133	166	120	327	164	M20 x 120	8.0
8 x 4	8.625 x 4.500	4.50	5.24	6.54	4.72	12.87	6.46	¾ x 4¾	17.6

- Hole diameters listed are suggested hole saw diameters.
- *T: Take-out (Center of run to end of pipe to be engaged)
- Special caution is required to some exceptional hole sizes shown in [].