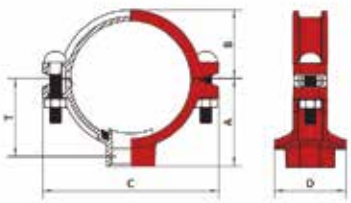
MODEL XGQT04 MECHANICAL TEE
THREADED OUTLET

The Model XGQT04 Mechanical Tee provides a fast and easy mid-pipe threaded branch outlet. The XGQT04 eliminates the need for welding or multiple fittings. The mechanical tee utilizes ductile iron housings, a grade E moulded gasket and heat-treated carbon steel track bolts and nuts. Housings are painted orange or red, or as an option can be supplied hot-dipped zinc galvanized or epoxy coated. Pressure rated to 300 psi (20 bar).





Nominal Size mm/in	Pipe O.D.	Hole Dia.∓ +3.2,-0 /+0.13,-0	Dimensions - mm/in					Bolt Size mm/in
			T‡	A	B	C	D	
50×15	60.3×21.3	38	50	56	42	120	76	M10×60
2x1/2	2.375×0.825	1.50	1.97	2.20	1.65	4.72	2.99	3/8×2-3/8
50×20	60.3×26.7	38	50	56	42	120	76	M10×60
2x3/4	2.375×1.05	1.50	1.97	2.20	1.65	4.72	2.99	3/8×2-3/8
50×25	60.3×33.7	38	47	56	42	120	76	M10×60
2×1	2.375×1.327	1.50	1.85	2.20	1.65	4.72	2.99	3/8×2-3/8
50×32	60.3×42.4	44.5	52	68	42	120	84	M10×60
2x11/4	2.375×1.669	1.75	2.05	2.68	1.65	4.72	3.31	3/8×2-3/8
50×40	60.3×48.3	44.5	52	71	42	120	84	M10×60
2x11/2	2.375×1.9	1.75	2.05	2.80	1.65	4.72	3.31	3/8×2-3/8
65×15	73×21.3	38	56	61.5	47	143	76	M12×65
21/2x1/2	2.375×0.825	1.50	2.20	2.42	1.85	5.63	2.99	1/2×2-5/8
65×20	73×26.7	38	56	61.5	47	143	76	M12×65
21/2x3/4	2.875×1.05	1.50	2.20	2.42	1.85	5.63	2.99	1/2×2-5/8
65×25	73.0×33.7	38	53	61.5	47	143	76	M12×65
21/2x1	2.875×1.327	1.50	2.09	2.42	1.85	5.63	2.99	1/2×2-5/8
65×32	73.0×42.4	44.5	58	73.5	47	143	84	M12×65
21/2x11/4	2.875×1.669	1.75	2.28	2.89	1.85	5.63	3.31	1/2×2-5/8
65×40	73.0×48.3	50.8	58	73.5	47	143	90	M12×65
21/2x11/2	2.875×1.9	2.00	2.28	2.89	1.85	5.63	3.54	1/2×2-5/8
65×15	76.1×21.3	38	56	61.5	48	143	76	M12×65
21/2x1/2	3×0.825	1.50	2.20	2.42	1.89	5.63	2.99	1/2×2-5/8
65×20	76.1×26.7	38	56	61.5	48	143	76	M12×65
21/2x3/4	3×1.05	1.50	2.20	2.42	1.89	5.63	2.99	1/2×2-5/8
65×25	76.1×33.7	38	53	61.5	48	143	76	M12×65
21/2x1	3×1.327	1.50	2.09	2.42	1.89	5.63	2.99	1/2×2-5/8
65×32	76.1×42.4	44.5	58	73.5	48	143	84	M12×65
21/2x11/4	3×1.669	1.75	2.28	2.89	1.89	5.63	3.31	1/2×2-5/8
65×40	76.1×48.3	50.8	58	75	48	143	90	M12×65
21/2x11/2	3×1.9	2.00	2.28	2.95	1.89	5.63	3.54	1/2×2-5/8
80×15	88.9×21.3	38	64	69.5	55	158	76	M12×65
3x1/2	3.5×0.825	1.50	2.52	2.74	2.17	6.22	2.99	1/2×2-5/8
80×20	88.9×26.7	38	63	69.5	55	158	76	M12×65
3x3/4	3.5×1.05	1.50	2.48	2.74	2.17	6.22	2.99	1/2×2-5/8
80×25	88.9×33.7	38	61	69.5	55	158	76	M12×65
3×1	3.5×1.327	1.50	2.40	2.74	2.17	6.22	2.99	1/2×2-5/8
80×32	88.9×42.4	44.5	65	81	55	158	84	M12×65
3x11/4	3.5×1.669	1.75	2.56	3.19	2.17	6.22	3.31	1/2×2-5/8
80×40	88.9×48.3	50.8	71	81	55	158	90	M12×65
3x11/2	3.5×1.9	2.00	2.80	3.19	2.17	6.22	3.54	1/2×2-5/8
80×50	88.9×60.3	63.5	70	81	55	158	101	M12×65
3×2	3.5×2.375	2.50	2.76	3.19	2.17	6.22	3.98	1/2×2-5/8
100×25	108.1×33.7	38	73	76	62	167	76	M12×65
4×1	4.250×1.327	1.50	2.87	2.99	2.44	6.57	2.99	1/2×2-5/8
100×32	108.0×42.4	46	78	76	62	167	83	M12×65
4x11/4	4.25×1.669	1.81	3.07	2.99	2.44	6.57	3.27	1/2×2-5/8
100×40	108.0×48.3	53	83	76	62	167	90	M12×65
4x11/2	4.25×1.9	2.09	3.27	2.99	2.44	6.57	3.54	1/2×2-5/8
100×50	108.0×60.3	64	83	78	62	167	100	M12×65
4×2	4.25×2.375	2.52	3.27	3.07	2.44	6.57	3.94	1/2×2-5/8
100×65	108.0×76.1	80	73	105	62	167	117	M12×65
4x21/2	4.25×3	3.15	2.87	4.13	2.44	6.57	4.61	1/2×2-5/8
100×15	114.3×21.3	38	77	79	65	181	76	M12×70
4x1/2	4.5×0.825	1.50	3.03	3.11	2.56	7.13	2.99	1/2×2-3/4
100×20	114.3×26.7	38	76	79	65	181	76	M12×70
4x3/4	4.5×1.05	1.50	2.99	3.11	2.56	7.13	2.99	1/2×2-3/4
100×25	114.3×33.7	38	73	82	65	181	76	M12×70
4×1	4.5×1.327	1.50	2.87	3.23	2.56	7.13	2.99	1/2×2-3/4
100×32	114.3×42.4	44.5	78	94	65	181	84	M12×70
4x11/4	4.5×1.669	1.75	3.07	3.70	2.56	7.13	3.31	1/2×2-3/4
100×40	114.3×48.3	50.8	83	94	65	181	90	M12×70
4x11/2	4.5×1.9	2.00	3.27	3.70	2.56	7.13	3.54	1/2×2-3/4
100×50	114.3×60.3	63.5	83	94	65	181	101	M12×70
4×2	4.5×2.375	2.50	3.27	3.70	2.56	7.13	3.98	1/2×2-3/4
100×65	114.3×76.1	70	73	99	65	181	117	M12×70
4x21/2	4.5×3	2.76	2.87	3.90	2.56	7.13	4.61	1/2×2-3/4
100×80	114.3×88.9	89	84	100	65	181	136	M12×70
4×3	4.5×3.5	3.50	3.31	3.94	2.56	7.13	5.35	1/2×2-3/4
125×25	133.0×33.7	38	85	89	74	205	76	M12×75
5×1	5.250×1.327	1.50	3.35	3.50	2.91	8.07	2.99	1/2×3
125×32	133.0×42.4	46	90	89	74	205	83	M12×75
5x11/4	5.25×1.669	1.81	3.54	3.50	2.91	8.07	3.27	1/2×3
125×40	133.0×48.3	53	95	89	74	205	90	M12×75
5x11/2	5.25×1.9	2.09	3.74	3.50	2.91	8.07	3.54	1/2×3

Nominal Size mm/in	Pipe O.D.	Hole Dia.∓ +3.2,-0 /+0.13,-0	Dimensions - mm/in					Bolt Size mm/in
			T‡	A	B	C	D	
125×50	133.0×60.3	64	95	89	74	205	100	M12×75
5×2	5.25×2.375	2.52	3.74	3.50	2.91	8.07	3.94	1/2×3
125×65	133.0×76.1	80	97	92	74	205	117	M12×75
5x21/2	5.25×3	3.15	3.82	3.62	2.91	8.07	4.61	1/2×3
125×80	133.0×88.9	92	106	94	74	205	129	M12×75
5×3	5.25×3.5	3.62	4.17	3.70	2.91	8.07	5.08	1/2×3
125×25	139.7×33.7	38	97	96.5	77	219	76	M16×85
5×1	5.5×1.327	1.50	3.82	3.80	3.03	8.62	2.99	5/8×3-1/3
125×32	139.7×42.4	44.5	97	107	77	219	84	M16×85
5x11/4	5.5×1.669	1.75	3.82	4.21	3.03	8.62	3.31	5/8×3-1/3
125×40	139.7×48.3	50.8	102	107	77	219	90	M16×85
5x11/2	5.5×1.9	2.00	4.02	4.21	3.03	8.62	3.54	5/8×3-1/3
125×50	139.7×60.3	63.5	102	108	77	219	101	M16×85
5×2	5.5×2.375	2.50	4.02	4.25	3.03	8.62	3.98	5/8×3-1/3
125×65	139.7×76.1	70	92	115	77	219	117	M16×85
5x21/2	5.5×3	2.76	3.62	4.53	3.03	8.62	4.61	5/8×3-1/3
125×80	139.7×88.9	89	97	118	77	219	136	M16×85
5×3	5.5×3.5	3.50	3.82	4.65	3.03	8.62	5.35	5/8×3-1/3
125×25	141.3×33.7	38	77	96.5	77	219	76	M16×85
5×1	5.563×1.327	1.50	3.03	3.80	3.03	8.62	2.99	5/8×3-1/3
125×32	141.3×42.4	44.5	77	107	77	219	84	M16×85
5x11/4	5.563×1.669	1.75	3.03	4.21	3.03	8.62	3.31	5/8×3-1/3
125×40	141.3×48.3	50.8	83	107	77	219	90	M16×85
5x11/2	5.563×1.9	2.00	3.27	4.21	3.03	8.62	3.54	5/8×3-1/3
125×50	141.3×60.3	63.5	83	108	77	219	101	M16×85
5×2	5.563×2.375	2.50	3.27	4.25	3.03	8.62	3.98	5/8×3-1/3
125×65	141.3×76.1	70	93	115	77	219	117	M16×85
5x21/2	5.563×3	2.76	3.66	4.53	3.03	8.62	4.61	5/8×3-1/3
125×80	141.3×88.9	89	97	118	77	219	136	M16×85
5×3	5.563×3.5	3.50	3.82	4.65	3.03	8.62	5.35	5/8×3-1/3
150×25	159×33.7	38	113	101.5	91	233	76	M14×75
6×1	6.250×1.327	1.50	4.45	4.00	3.58	9.17	2.99	9/16×3
150×32	159.0×42.4	46	113	101.5	91	233	83	M14×75
6x11/4	6.250×1.669	1.81	4.45	4.00	3.58	9.17	3.27	9/16×3
150×40	159.0×48.3	53	112	101.5	91	233	90	M14×75
6x11/2	6.250×1.9	2.09	4.41	4.00	3.58	9.17	3.54	9/16×3
150×50	159.0×60.3	64	111	101.5	91	233	100	M14×75
6×2	6.250×2.375	2.52	4.37	4.00	3.58	9.17	3.94	9/16×3
150×65	159.0×76.1	80	111	105.5	91	233	117	M16×85
6x21/2	6.250×3	3.15	4.37	4.15	3.58	9.17	4.61	5/8×3-1/3
150×80	159.0×88.9	92	110	105.5	91	233	129	M16×85
6×3	6.250×3.5	3.62	4.33	4.15	3.58	9.17	5.08	5/8×3-1/3
150×100	159.0×114.3	118	96.8	110	91	233	157	M16×85
6×4	6.250×4.5	4.65	3.81	4.33	3.58	9.17	6.18	5/8×3-1/3
150×25	165.1×33.7	38	99	108.5	94	248	76	M16×85
6×1	6.5×1.327	1.50	3.90	4.27	3.7	9.76	2.99	5/8×3-1/3
150×32	165.1×42.4	44.5	112	120	94	248	84	M16×85
6x11/4	6.5×1.669	1.75	4.41	4.72	3.7	9.76	3.31	5/8×3-1/3
150×40	165.1×48.3	50.8	112	120	94	248	90	M16×85
6x11/2	6.5×1.9	2.00	4.41	4.72	3.7	9.76	3.54	5/8×3-1/3
150×50	165.1×60.3	63.5	111	121	94	248	101	M16×85
6×2	6.5×2.375	2.50	4.37	4.76	3.7	9.76	3.98	5/8×3-1/3
150×65	165.1×76.1	70	110	126.5	94	248	117	M16×85
6x21/2	6.5×3	2.76	4.33	4.98	3.7	9.76	4.61	5/8×3-1/3
150×80	165.1×88.9	89	110	129.5	94	248	136	M16×85
6×3	6.5×3.5	3.50	4.33	5.10	3.7	9.76	5.35	5/8×3-1/3
150×100	165.1×114.3	114	97	136	94	248	162	M16×85
6×4	6.5×4.5	4.49	3.82	5.35	3.7	9.76	6.38	5/8×3-1/3
150×25	168.3×33.7	38	112	108.5	97	248	76	M16×85
6×1	6.625×1.327	1.50	4.41	4.27	3.82	9.76	2.99	5/8×3-1/3
150×32	168.3×42.4	44.5	112	120	97	248	84	M16×85
6x11/4	6.625×1.669	1.75	4.41	4.72	3.82	9.76	3.31	5/8×3-1/3
150×40	168.3×48.3	50.8	112	120	97	248	90	M16×85
6x11/2	6.625×1.9	2.00	4.41	4.72	3.82	9.76	3.54	5/8×3-1/3
150×50	168.3×60.3	63.5	111	121	97	248	101	M16×85
6×2	6.625×2.375	2.50	4.37	4.76	3.82	9.76	3.98	5/8×3-1/3
150×65	168.3×76.1	70	110	128	97	248	117	M16×85
6x21/2	6.625×3	2.76	4.33	5.04	3.82	9.76	4.61	5/8×3-1/3
150×80	168.3×88.9	89	110	131	97	248	136	M16×85
6×3	6.625×3.5	3.50	4.33	5.16	3.82	9.76	5.35	5/8×3-1/3
150×100	168.3×114.3	114	97	139.5	97	248	162	M16×85
6×4	6.625×4.5	4.49	3.82	5.49	3.82	9.76	6.38	5/8×3-1/3
200×25	219.1×33.7	38	152	136	125	322	76	M20×90
8×1	8.625×1.327	1.50	5.98	5.35	1.92	12.68	2.99	5/8×3-1/2
200×32	219.1×42.4	44.5	152	147	125	322	84	M20×90
8x11/4	8.625×1.669	1.75	5.98	5.79	1.92	12.68	3.31	5/8×3-1/2
200×40	219.1×48.3	50.8	152	147	125	322	90	M20×90
8x11/2	8.625×1.9	2.00	5.98	5.79	1.92	12.68	3.54	5/8×3-1/2
200×50	219.1×60.3	63.5	138	147	125	322	101	M20×90
8×2	8.625×2.375	2.50	5.43	5.79	1.92	12.68	3.98	5/8×3-1/2
200×65	219.1×76.1	70	129	156	125	322	117	M20×90
8x21/2	8.625×3	2.76	5.08	6.14	1.92	12.68	4.61	5/8×3-1/2
200×80	219.1×88.9	89	135	158.5	125	322	136	M20×90
8×3	8.625×3.5	3.50	5.31	6.24	1.92	12.68	5.35	5/8×3-1/2
200×100	219.1×114.3	114	122	167	125	322	162	M20×90
8×4	8.625×4.5	4.49	4.80	6.57	1.92	12.68	6.38	5/8×3-1/2



