

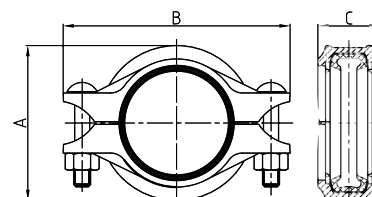
Rigid Coupling VAT01

VANTEC Model **VAT01** is a T&G (tongue & groove) design rigid coupling for moderate-pressure applications where rigidity is required including value connections, mechanical rooms, fire mains, and long straight runs. The built-in teeth and T&G mechanism firmly grasp the pipe ends to eliminate undesired. Support and hanging requirements correspond to ANSI B31.1, B31.9, and NFPA 13.

The precision casting allows metal-to-metal contact of bolt pads when properly installed. No torque wrench is required for installation.

Sizes available: 32mm-406mm / 1-1/4"~16"

Working Pressure: Up to 20 bar / 300 psi



Rigid Coupling

Nominal Size mm/in	Pipe O.D. mm/in	Working Pressure psi/Mpa	Dimensions mm/in			Bolt Size No. -Size mm
			A mm	B mm	C mm	
25 1	33.7 1.327	300Psi 2.07Mpa	58 2.28	98 3.85	45 1.77	2- ³ / ₈ × 45 2-10 × 45
32 1 ¹ / ₄	42.4 1.669		68 2.68	106 4.17	45 1.77	2- ³ / ₈ × 45 2-10 × 45
40 1 ¹ / ₂	48.3 1.9		74 2.91	114 4.49	45 1.77	2- ³ / ₈ × 45 2-10 × 45
50 2	60.3 2.375		86 3.39	128 5.04	45 1.77	2- ³ / ₈ × 55 2-10 × 55
65 2 ¹ / ₂	73 2.875		98 3.86	137 5.39	45 1.77	2- ³ / ₈ × 55 2-10 × 55
65 2 ¹ / ₂	76.1 3		98 3.86	141 5.55	45 1.77	2- ³ / ₈ × 55 2-10 × 55
80 3	88.9 3.5		112 4.41	155 6.10	45 1.77	2- ³ / ₈ × 55 2-10 × 55
100 4	108 4.25		140 5.51	189 7.44	50 1.96	2- ¹ / ₂ × 65 2-12 × 65
100 4	114.3 4.5		140 5.51	192 7.56	50 1.96	2- ¹ / ₂ × 65 2-12 × 65
125 5	133 5.25		164 6.46	216 8.5	50 1.96	2- ¹ / ₂ × 75 2-12 × 75
125 5	139.7 5.5		166 6.54	217 8.54	50 1.96	2- ¹ / ₂ × 75 2-12 × 75
125 5	141.3 5.563		173 6.81	225 8.86	50 1.96	2- ¹ / ₂ × 75 2-12 × 75
150 6	159 6.25		193 7.59	246 9.69	50 1.96	2- ¹ / ₂ × 75 2-12 × 75
150 6	165.1 6.5		199 7.83	252 9.92	50 1.96	2- ¹ / ₂ × 75 2-12 × 75
150 6	168.3 6.625		197 7.76	244 9.61	48 1.89	2- ¹ / ₂ × 75 2-12 × 75
200 8	219.1 8.625		255 10.04	322 12.67	58 2.28	2- ⁵ / ₈ × 95 2-16 × 95
250 10	273 10.75		318 12.51	400 15.74	62 2.44	2- ³ / ₄ × 110 2-20 × 110
300 12	323.9 12.75		372 14.64	454 17.87	64 2.51	2- ³ / ₄ × 110 2-20 × 110

Datas are for reference only.

