

# GROOVED COUPLINGS



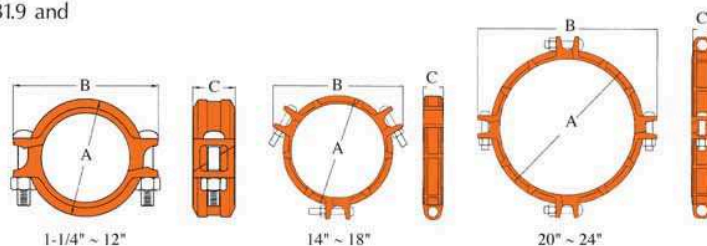
## MODEL Z07 ANGLE PAD RIGID COUPLING



The *Shurjoint* Model Z07 Rigid Coupling has been designed with angle bolt pads. This design allows the coupling housings to slide along the bolt pads when tightened. The result is an offset clamping action which provides a rigid joint that resists flexural and torsional loads.

Model Z07 couplings are recommended for general piping applications where rigidity is required including valve connections, machinery rooms, fire mains and long straight runs. Support and hanging requirements correspond to ANSI B31.1, B31.9 and NFPA 13.

The *Shurjoint* Model Z07 is available with a standard "C" shaped or GapSeal gasket in a variety grades to meet your specific service requirements.



Nominal Size mm/in	Pipe O. D. mm/in	Max. Working Pressure Bar/PSI	Max. End Load kN/Lbs	Pipe End Separation mm/in	Dimensions			Bolts Size		Weight Kgs/Lbs
					A mm/in	B mm/in	C mm/in	No.	mm/in	
32	42.2	52	7.21	0 - 1.2	68	105	47	2	M10 x 55	0.7
1.25	1.660	750	1620	0 - 0.05	2.68	4.13	1.85	2	3/8 x 2-1/8	1.6
40	48.3	52	9.48	0 - 1.2	74	115	47	2	M10 x 55	0.9
1.5	1.900	750	2130	0 - 0.05	2.91	4.53	1.85	2	3/8 x 2-1/8	2.0
50	60.3	52	14.78	0 - 1.7	86	120	48	2	M10 x 70	1.1
2	2.375	750	3320	0 - 0.07	3.39	4.72	1.88	2	3/8 x 2-3/4	2.4
65	73.0	52	21.71	0 - 1.7	100	140	48	2	M10 x 70	1.1
2.5	2.875	750	4875	0 - 0.07	3.94	5.50	1.88	2	3/8 x 2-3/4	2.4
65	76.1	52	23.60	0 - 1.7	102	146	48	2	M10 x 70	1.2
2.5	3.000	750	5300	0 - 0.07	4.00	5.75	1.88	2	3/8 x 2-3/4	2.6
80	88.9	52	32.14	0 - 1.7	115	157	48	2	M12 x 75	1.4
3	3.500	750	7215	0 - 0.07	4.53	6.18	1.88	2	1/2 x 3	3.1
100	114.3	52	53.11	0 - 4.1	147	199	54	2	M12 x 75	2.0
4	4.500	750	11925	0 - 0.16	5.78	7.83	2.13	2	1/2 x 3	4.4
125	139.7	52	74.05	0 - 4.1	175	235	54	2	M16 x 90	3.0
5	5.500	750	16625	0 - 0.16	6.88	9.25	2.13	2	5/8 x 3-1/2	6.6
125	141.3	52	81.17	0 - 4.1	177	235	54	2	M16 x 90	3.0
5	5.563	750	18225	0 - 0.16	6.97	9.25	2.13	2	5/8 x 3-1/2	6.6
150	165.1	48	103.44	0 - 4.1	200	259	54	2	M16 x 90	3.2
6	6.500	700	23225	0 - 0.16	7.87	10.20	2.13	2	5/8 x 3-1/2	7.1
150	168.3	48	107.48	0 - 4.1	203	263	54	2	M16 x 90	3.2
6	6.625	700	24130	0 - 0.16	8.00	10.35	2.13	2	5/8 x 3-1/2	7.1
200 JIS	216.3	42	154.25	0 - 3.2	264	340	64	2	M20 x 120	6.9
8	8.516	600	34158	0 - 0.13	10.39	13.39	2.50	2	3/4 x 4-3/4	15.2
200	219.1	42	155.89	0 - 4.8	268	342	64	2	M20 x 120	7.1
8	8.625	600	35000	0 - 0.19	10.55	13.46	2.52	2	3/4 x 4-3/4	15.7
250 JIS	267.4	35	196.45	0 - 3.2	321	397	65	2	---	11.0
10	10.528	500	43.504	0 - 0.13	12.63	15.63	2.56	2	7/8 x 6-1/2	24.2
250	273.0	35	202.21	0 - 3.2	327	431	65	2	---	10.3
10	10.750	500	45400	0 - 0.13	12.86	16.98	2.56	2	7/8 x 6-1/2	22.9
300 JIS	318.5	28	222.97	0 - 3.2	372	452	65	2	---	12.0
12	12.539	400	49.369	0 - 0.13	14.65	17.80	2.56	2	7/8 x 6-1/2	26.4
300	323.9	28	227.15	0 - 3.2	377	480	65	2	---	11.8
12	12.750	400	51000	0 - 0.13	14.86	18.88	2.56	2	7/8 x 6-1/2	26.0
350	355.6	17	171.20	0 - 3.2	408	505	73	2	---	14.9
14	14.000	250	38485	0 - 0.13	16.06	19.89	2.87	3	7/8 x 5-1/2	32.8
400	406.4	17	223.60	0 - 3.2	467	554	73	2	---	18.7
16	16.000	250	50265	0 - 0.13	18.39	21.84	2.87	3	7/8 x 5-1/2	41.2
450	457.2	17	283.00	0 - 3.2	525	607	76	2	---	24.6
18	18.000	250	63615	0 - 0.13	20.68	23.89	3.00	3	7/8 x 5-1/2	54.2
500	508.0	17	349.30	0 - 3.2	582	698	76	2	---	30.5
20	20.000	250	78540	0 - 0.13	22.93	27.47	3.00	4	1 x 3-1/2	67.2
600	609.6	17	503.30	0 - 3.2	687	803	78	2	---	34.6
24	24.000	250	113000	0 - 0.13	27.05	31.61	3.06	4	1 x 3-1/2	46.2