

MODEL

SS-5 RIGID COUPLING

- Angle-Pad Design -

The **Shurjoint** Model SS-5 is an angle-pad design stainless steel coupling for use with Sch. 5S, Sch. 10S or Sch. 40S stainless steel pipe where a rigid connection is desired. The angle-pad 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 which resists so called 'snaking' of a long straight run. With the removal of only one

bolt you can make a fast and easy "swing-over" installation. The SS-5 couplings are comprised of two identical CF8 (304) or CF8M (316) housing segments, EPDM gaskets and stainless steel track bolts and heavy duty nuts.

The **Shurjoint** Model SS-5 is available with a standard "C" shaped or **GapSeal**® gasket in a variety of grades to meet your specific service requirements.



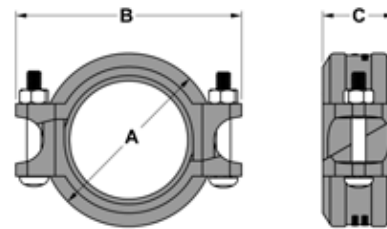
Pressure-Temperature Rating

Nom. Rating	Working Pressure (STD, Roll-Grooved)	Max. Service Temperature
Class 150	300 psi @100°F 20 Bar @38°C	EPDM: 230°F / 110°C Nitrile: 180°F / 82°C

*The working pressure shown is based on roll-grooved Sch. 40S pipe. Apply 110% for cut-grooved Sch. 40S pipe. Apply 80% for roll-grooved Sch. 10S pipe and 50% for roll-grooved Sch. 5S pipe.

*Proof test pressure: 1.5 times the working pressure, non-shock cold water.

*Burst pressure is engineered minimum 3 times the working pressure.



Nominal Size mm / in	Pipe O. D. mm / in	Max. Working Pressure Bar/PSI	Max. End Load kN / Lbs	Axial Displacement mm / in	Dimensions			Bolts Size		Weight Kgs / Lbs
					A mm / in	B mm / in	C mm / in	No.	mm / in	
32	42.2	20	2.80	0 ~ 1.2	66	102	46	2	M10 x 55	0.6
1¼	1.660	300	650	0 ~ 0.05	2.60	4.00	1.81		¾ x 2½	1.4
40	48.3	20	3.66	0 ~ 1.2	72	109	46	2	M10 x 55	0.7
1½	1.900	300	850	0 ~ 0.05	2.83	4.29	1.81		¾ x 2½	1.5
50	60.3	20	5.71	0 ~ 1.7	85	117	47	2	M10 x 70	0.8
2	2.375	300	1330	0 ~ 0.07	3.35	4.61	1.85		¾ x 2¾	1.7
65	73.0	20	8.37	0 ~ 1.7	98	132	47	2	M10 x 70	0.9
2½	2.875	300	1950	0 ~ 0.07	3.86	5.20	1.85		¾ x 2¾	2.1
76.1mm	76.1	20	9.09	0 ~ 1.7	100	136	47	2	M10 x 70	1.0
	3.000	300	2120	0 ~ 0.07	3.94	5.35	1.85		¾ x 2¾	2.2
80	88.9	20	12.41	0 ~ 1.7	113	148	48	2	M10 x 70	1.2
3	3.500	300	2080	0 ~ 0.07	4.45	5.83	1.88		¾ x 2¾	2.6
100	114.3	20	20.51	0 ~ 4.1	146	182	53	2	M10 x 70	1.9
4	4.500	300	4770	0 ~ 0.16	5.75	7.17	2.09		¾ x 2¾	4.1
139.7mm	139.7	20	30.64	0 ~ 4.1	173	227	53	2	M12 x 75	2.6
	5.500	300	7120	0 ~ 0.16	6.81	8.94	2.09		½ x 3	5.7
125	141.3	20	31.35	0 ~ 4.1	175	229	53	2	M12 x 75	2.6
5	5.563	300	7290	0 ~ 0.16	6.89	9.02	2.09		½ x 3	5.7
165.1mm	165.1	20	42.80	0 ~ 4.1	200	246	54	2	M12 x 75	3.1
	6.500	300	9950	0 ~ 0.16	7.87	9.69	2.13		½ x 3	6.8
150	168.3	20	44.47	0 ~ 4.1	203	249	54	2	M12 x 75	3.1
6	6.625	300	10340	0 ~ 0.16	8.00	9.80	2.13		½ x 3	6.8
200	219.1	20	75.37	0 ~ 4.8	264	330	64	2	M16 x 135	6.1
8	8.625	300	17520	0 ~ 0.19	10.40	12.99	2.52		¾ x 5 5/16	13.4
200 JIS	216.3	20	73.45	0 ~ 4.8	260	340	64	2	M20 x 120	7.4
	8.516	300	17080	0 ~ 0.19	10.24	13.39	2.50		¾ x 4¾	16.2