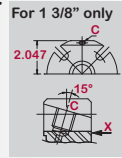
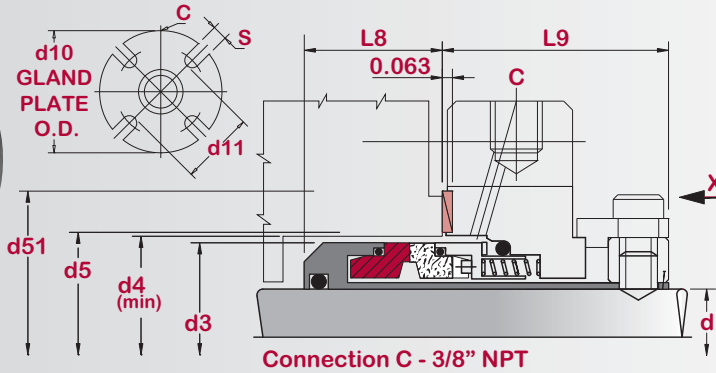


S1

Stationary Multiple Spring Design



d	d3	d4	d5	d51	d10	d11	L8	L9	S
1.000	1.595	1.625	1.771	2.106	4.000	2.224	0.952	1.460	0.551
1.125	1.708	1.750	1.909	2.283	4.125	2.421	0.952	1.460	0.551
1.250	1.865	2.000	2.037	2.362	4.250	2.500	0.952	1.460	0.551
1.375	1.950	2.000	2.145	2.539	4.250	2.696	0.952	1.460	0.551
1.500	2.172	2.250	2.368	2.736	5.000	2.815	0.952	1.460	0.551
1.625	2.283	2.375	2.460	2.854	4.500	2.972	0.952	1.460	0.551
1.750	2.401	2.500	2.578	2.992	5.000	3.062	0.952	1.460	0.551
1.875	2.537	2.625	2.755	3.110	5.250	3.188	0.952	1.460	0.551
2.000	2.670	2.750	2.834	3.267	5.500	3.307	0.952	1.460	0.551
2.125	2.795	2.875	2.952	3.386	5.750	3.503	0.952	1.460	0.709
2.250	2.913	3.000	3.110	3.504	6.500	3.622	0.952	1.460	0.709
2.375	3.037	3.125	3.228	3.700	6.500	3.818	0.952	1.460	0.709
2.500	3.288	3.375	3.464	3.858	6.500	3.976	1.311	1.622	0.709
2.625	3.410	3.500	3.543	3.937	7.000	4.055	1.311	1.622	0.709
2.750	3.562	3.625	3.780	4.252	7.000	4.370	1.311	1.622	0.709
2.875	3.685	3.750	3.905	4.377	7.500	4.614	1.311	1.772	0.709
3.000	3.795	4.000	4.188	4.944	7.480	5.079	1.311	1.772	0.709
3.125	3.937	4.125	4.307	5.062	7.677	5.197	1.311	1.772	0.709
3.250	4.045	4.250	4.425	5.181	7.677	5.315	1.311	1.772	0.709
3.375	4.170	4.375	4.543	5.299	7.795	5.472	1.311	1.772	0.866
3.500	4.350	4.500	4.681	5.437	7.795	5.591	1.354	1.772	0.866
3.625	4.438	4.625	4.799	5.555	8.071	5.709	1.354	1.772	0.866
3.750	4.547	4.750	4.937	5.692	8.189	5.827	1.354	1.897	0.866
3.875	4.670	4.875	5.059	5.826	8.189	5.945	1.354	1.897	0.866
4.000	4.795	5.000	5.157	5.944	8.583	6.063	1.354	1.897	0.866
4.250	5.045	5.250	5.413	6.181	9.000	6.625	1.394	2.094	0.866
4.500	5.295	5.500	5.669	6.456	9.500	7.000	1.394	2.094	0.866
4.750	5.545	5.750	5.905	6.692	10.00	7.322	1.394	2.094	0.944
5.000	5.881	6.000	6.122	6.751	10.00	7.322	1.394	2.094	0.944

Standard Materials of Construction:

• Faces:

Carbon / Silicon Carbide
 Silicon Carbide / Silicon Carbide
 (Note: Tungsten Carbide and Antimony Carbon also available)

• Elastomers:

• Viton*, Buna, PTFE, Neoprene, EPR, Kalrez*,
 AFLAS*, Chemraz*

• Metallurgy:

• 304, 316, Monel,
 Alloy 20, Hast B+ C*

Operating Limits:

• Pressure: Up to 250
 PSI/17 Bar
 • Temperature: -40° to
 235 ° Celsius*

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