

Replace Cheston Split Seal 221

TSSP-CO1

Operating Limits

- Pressure: ≤1MPa
- Speed: ≤3600RPM
- Temperature: +200°C

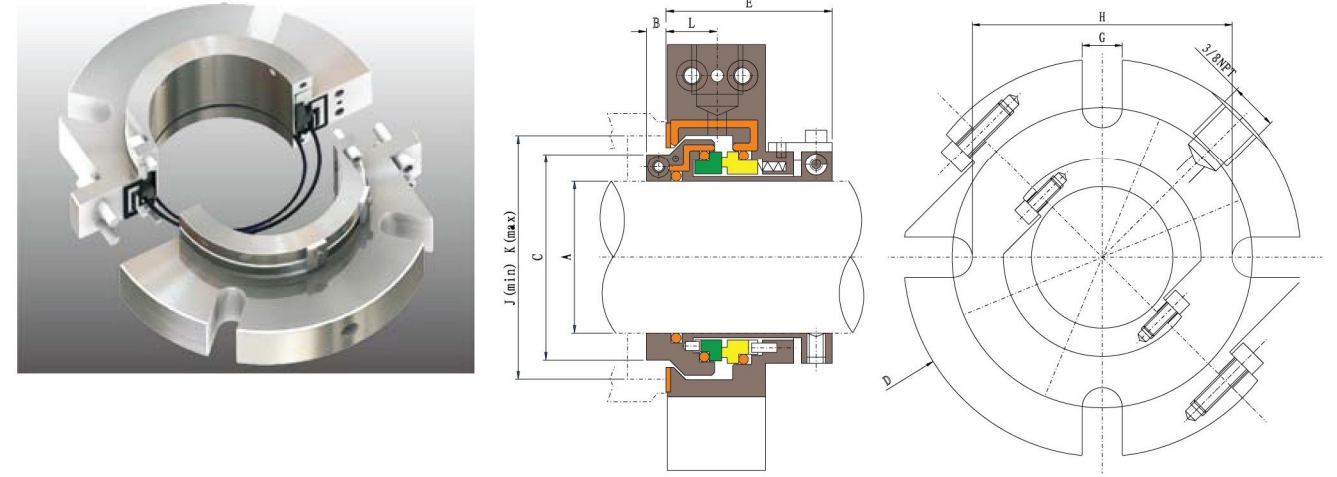
- Rotary Ring(Carbon/SiC/TC)
- Stationary Ring(Ceramic/SiC/TC)
- Secondary Seal(VITON/NBR/EPDM)
- Spring & Other Parts(SUS304/SUS316)

d (inches)	l1	l3					d4	l2	d2	d1		l4
		3/8	2/1	5/8	3/4	7/8				Nom	max	
1.500	2.00	3.38	3.50	\	\	5.00	1/16	2.75	2.25	2.50	56	
1.625	2.00	3.50	3.63	\	\	5.00	1/16	2.88	2.38	2.63	56	
1.688	2.00	3.63	3.75	\	\	5.00	1/16	3.00	2.50	2.75	56	
1.750	2.00	3.63	3.75	\	\	5.00	1/16	3.00	2.50	2.75	56	
1.875	2.00	3.75	3.88	\	\	5.00	1/16	3.13	2.63	2.88	56	
1.937	2.00	3.94	4.06	\	\	5.00	1/16	3.25	2.75	3.00	56	
2.000	2.00	3.94	4.06	\	\	5.00	1/16	3.25	2.75	3.00	56	
2.125	2.00	4.06	4.19	4.32	\	6.00	1/16	3.38	2.88	3.13	69	
2.250	2.00	4.19	4.32	4.44	\	6.25	1/16	3.50	3.00	3.25	69	
2.375	2.00	4.50	4.62	4.75	\	6.50	1/16	3.63	3.13	3.38	69	
2.437	2.00	4.57	4.70	4.82	\	6.50	1/16	4.00	3.25	3.75	69	
2.500	2.00	4.57	4.70	4.82	\	6.50	1/16	4.00	3.25	3.75	69	
2.750	2.50	\	5.56	5.68	\	7.75	1/8	4.75	3.75	4.25	69	
3.000	2.50	\	5.82	5.95	\	8.00	1/8	5.00	4.00	4.50	72	
3.250	2.50	\	6.13	6.25	\	8.25	1/8	5.25	4.25	4.75	72	
3.500	2.50	\	6.45	6.57	\	8.50	1/8	5.50	4.50	5.00	81	
3.750	2.50	\	6.63	6.75	\	8.75	1/8	5.75	4.75	5.25	81	
4.000	2.50	\	6.82	6.95	7.07	9.00	1/8	6.00	5.00	5.50	81	
4.250	2.50	\	7.00	7.13	7.25	9.25	1/8	6.25	5.25	5.75	81	
4.500	2.50	\	7.25	7.38	7.50	9.50	1/8	6.50	5.50	6.00	81	
4.750	2.50	\	7.50	7.63	7.75	9.75	1/8	6.75	5.75	6.25	81	
5.000	3.75	\	\	8.32	8.45	8.57	11.00	1/8	7.50	6.25	94	
5.500	3.75	\	\	8.82	8.95	9.07	11.50	1/8	8.00	6.75	94	
6.000	3.75	\	\	9.32	9.45	9.57	12.00	1/8	8.50	7.25	8.00	94
6.500	3.75	\	\	9.82	9.95	10.07	12.50	1/8	9.00	7.75	8.50	94
7.000	3.75	\	\	10.32	10.45	10.57	13.00	1/8	9.50	8.25	9.00	94
7.250	3.75	\	\	10.57	10.70	10.82	13.25	1/8	9.75	8.50	9.25	94
7.500	3.75	\	\	10.82	10.95	11.07	13.50	1/8	10.00	8.75	9.50	94
7.750	3.75	\	\	11.07	11.20	11.32	13.75	1/8	10.25	9.00	9.75	94

d (mm)	l1	l3							d4	l2	d2	d1		l4
		10	12	14	16	18	20	22				Nom	max	
38	51	67	89	\	\	\	\	127	1.5	70	57	63	14.2	
40	51	90	92	\	\	\	\	127	1.5	73	60	67	14.2	
45	51	93	95	\	\	\	\	140	1.5	76	63	70	14.2	
50	51	101	103	\	\	\	\	140	1.5	83	70	76	14.2	
55	51	107	109	111	113	\	\	159	1.5	89	76	83	17.5	
60	51	115	117	119	121	\	\	165	1.5	92	80	86	17.5	
65	51	117	119	121	123	\	\	165	1.5	102*	83	95*	17.5	
70	64	\	141	143	145	\	\	197	3.0	121	95	108	17.5	
75	64	\	147	149	151	\	\	203	3.0	127	102	114	18.3	
80	64	\	155	157	159	\	\	210	3.0	134	108	121	18.3	
85	64	\	160	162	164	166	168	\	216	3.0	140	114	127	20.6
90	64	\	160	162	164	166	168	\	216	3.0	140	114	127	20.6
100	64	\	173	175	177	179	181	\	229	3.0	153	127	140	20.6
110	64	\	184	186	188	190	192	\	242	3.0	165	140	152	20.6
180	96	\	\	\	\	271	273	275	337	3.0	248	216	235	23.8
185	96	\	\	\	\	277	279	281	343	3.0	254	223	242	23.8
190	96	\	\	\	\	277	279	281	343	3.0	254	223	242	23.8
195	96	\	\	\	\	284	286	288	350	3.0	261	229	248	23.8

For detailed information, please contact us. We can also produce the special split seal according to customer's requirement.

TSSP-FA01



Operating Limits

- Pressure: ≤2.1MPa
- Speed: ≤1450rpm
- Temperature: -20°C ~260°C

- Rotary ring(SiC/TC)
- Stationary ring(SiC/Carbon)
- Secondary seal(viton/EPDM)
- Other parts(C-276/Duplex/316)

A (inches)	B	C	D	E	F	G	H	J	K	L	A	B	C	D	E	F	G	H	J	K	L	
1.500	0.25	2.187	5.25	2.125	2.5	0.562	3.125	2.25	2.625	0.656	45mm (1.772)	6.35	65.1	140	54	64	14.3	84.9	66.68	76.2	16.7	
1.687	0.25	2.437	5.5	2.125	2.5	0.562	3.375	2.5	2.875	0.656	48mm (1.890)	6.35	68.2	140	54	64	14.3	90.5	68.85	79.38	16.7	
1.750	0.25	2.437	5.5	2.125	2.5	0.562	3.375	2.5	2.875	0.656	50mm (1.968)	6.35	68.2	140	54	64	14.3	90.5	68.85	79.38	16.7	
1.875	0.25	2.562	5.5	2.125	2.5	0.562	3.344	2.625	3	0.656	55mm (2.162)	6.35	77.8	159	54	64	17.4	100	79.4	88.9	16.7	
1.937	0.25	2.625	5.44	2.125	2.5	0.562	3.563	2.687	3.125	0.656	60mm (2.362)	6.35	81	165	54	64	17.4	104.8	85.73	95.25	16.7	
2.000	0.25	2.687	5.44	2.125	2.5	0.562	3.563	2.75	3.125	0.656	65mm (2.560)	6.35	85	165	54	64	17.4	112.8	88.9	98.4	16.7	
2.125	0.25	2.812	6	2.125	2.5	0.687	3.688	2.875	3.375	0.656	70mm (2.756)	6.35	90.5	197	54	64	17.4	112.8	92.08	104.77	16.7	
2.188	0.25	2.937	6.25	2.125	2.5	0.687	3.813	3	3.375	0.656	75mm (2.953)	6.35	96.8	203	54	64	17.4	125.4	100	111.1	16.7	
2.250	0.25	3.062	6.25	2.125	2.5	0.687	3.937	3.125	3.5	0.656	80mm (3.150)	7.14	106.4	210	62	72	20.6	131.8	108	120.65	20.6	
2.375	0.25	3.188	6.25	2.125	2.5	0.687	4.062	3.25	3.5	0.656	87mm (3.425)	7.14	112.7	216	62	72	20.6	138.1	114.3	127	20.6	
2.438	0.25	3.188	6.44	2.125	2.5	0.687	4.125	3.375	3.625	0.656	90mm (3.543)	7.14	115.9	219	62	72	20.6	141.3	117.5	130.2	20.6	
2.500	0.25	3.188	6.44	2.125	2.5	0.687	4.125	3.375	3.625	0.656	95mm (3.740)	7.14	117.5	222	62	72	20.6	144.5	119.05	130.18	20.6	
2.625	0.25	3.347	6.44	2.125	2.5	0.687	4.438	3.5	3.875	0.656	100mm (3.937)	7.14	125.4	224	62	72	20.6	147.6	127	136.52	20.6	
2.688	0.25	3.562	7.82	2.125	2.5	0.687	4.438	3.625	4.125	0.656	120mm (4.724)	7.14	143.7	248	62	72	20.6	176.2	146.05	158.75	20.6	
2.750	0.25	3.562	7.82	2.125	2.5	0.687	4.438	3.625	4.125	0.656	125mm (4.921)	9.5	157.2	*273	77.8	96.8	23.8	185.7	160.3	171.4	23.4	
2.875	0.25	3.687	7.82	2.125	2.5	0.687	4.812	3.812	4.25	0.656												
2.938	0.25	3.812	7.88	2.125	2.5	0.687	4.938	3.937	4.375	0.656												
3.000	0.25	3.812	7.88	2.125	2.5	0.687	4.938	3.937	4.375	0.656												
3.250	0.281	4.188	8.25	2.437	2.812	0.812	5.188	4.25	4.75	0.812												
3.375	0.281	4.312	8.25	2.437	2.812	0.812	5.313	4.375	4.875	0.812												
3.438	0.281	4.437	8.5	2.437	2.812	0.812	5.437	4.5	5	0.812												
3.500	0.281	4.437	8.5	2.437	2.812	0.812	5.437	4.5	5	0.812												
3.625	0.281	4.562	8.63	2.437	2.812	0.812	5.562	4.625	5.125	0.812												
3.750	0.281	4.625	8.82	2.437	2.812	0.812	5.688	4.687	5.125	0.812												
3.875	0.281	4.812	8.82	2.437	2.812	0.812	5.813	4.875	5.25	0.812												
4.000	0.281	4.937	8.82	2.437	2.812	0.812	5.813	5	5.37	0.812												
4.250	0.281	5.188	9.25	2.437	2.812	0.812	6.063	5.25	5.75	0.812												
4.375	0.281	5.312	9.25	2.437	2.812	0.812	6.437	5.375	5.875	0.812												
4.500	0.281	5.406	9.69	2.437	2.812	0.812	6.5	5.5	6	0.812												
4.750	0.281	5.656	9.75	2.437	2.812	0.812	6.938	5.75	6.25	0.812												
4.938	0.375	6.188	*10.75	3.062	3.812	0.937	7.312	6.312	6.75	0.923												
5.000	0.375	6.188	*10																			