

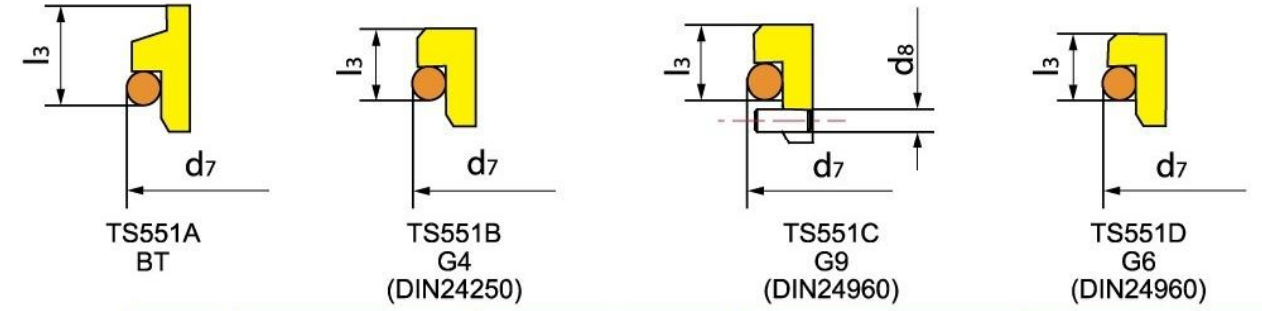
### TS M3(TS551)

#### Operating Limits

Pressure: ≤1MPa  
 Speed: ≤10m/s  
 Temperature: -20°C ~ +180°C

- Rotary Ring (SUS304/SiC/TC)
- Stationary Ring (Carbon/SiC/TC)
- O-Ring (NBR/EPDM/VITON/PTFE)
- Retainer (SUS304/SUS316)
- Spring (SUS304/SUS316)

### Stationary Seats



Seal size d(mm)	d <sub>3</sub>	BT			G4			G9				G6		
		d <sub>7</sub>	l <sub>1</sub>	l <sub>3</sub>	d <sub>7</sub>	l <sub>1</sub>	l <sub>3</sub>	d <sub>7</sub>	d <sub>8</sub>	l <sub>1</sub>	l <sub>3</sub>	d <sub>7</sub>	l <sub>1</sub>	l <sub>3</sub>
8	18	17.1	20.5	5.5	19.2	18.9	7.0	\	\	\	\	\	\	\
10	19	18.1	20.5	5.5	19.2	22.1	6.6	21	3	25.5	10.0	21	22.1	6.6
11	20	20.6	23.5	5.5	\	\	\	\	\	\	\	\	\	\
12	21	20.6	23.5	5.5	21.6	21.1	5.6	23	3	26.0	10.0	23	22.6	6.6
13	22	23.1	28.0	6.0	\	\	\	\	\	\	\	\	\	\
14	23	23.1	28.0	6.0	24.6	21.1	5.6	25	3	26.5	10.0	25	23.1	6.6
15	24	26.9	29.0	7.0	24.6	24.1	6.6	\	\	\	\	\	\	\
16	26	26.9	30.0	7.0	28.0	25.0	7.5	27	3	28.0	10.0	27	24.6	6.6
17	26	26.9	30.0	7.0	\	\	\	\	\	\	\	\	\	\
18	29	30.9	32.0	8.0	30.0	26.5	8.0	33	3	31.0	11.5	33	27.0	7.5
19	31	30.9	33.0	8.0	35.0	27.5	7.5	\	\	\	\	\	\	\
20	31	30.9	33.0	8.0	35.0	27.5	7.5	35	3	33.5	11.5	35	29.5	7.5
22	33	35.4	33.0	8.0	35.0	29.0	7.5	37	3	33.0	11.5	37	29.0	7.5
23	36	35.4	35.0	8.0	\	\	\	\	\	\	\	\	\	\
24	35	35.4	35.0	8.0	38.0	30.5	7.5	39	3	35.0	11.5	39	31.0	7.5
25	36	38.2	35.5	8.5	38.0	32.0	7.5	40	3	38.0	11.5	40	34.0	7.5
26	37	38.2	35.5	8.5	40.0	32.5	8.0	\	\	\	\	\	\	\
28	40	43.3	38.0	9.0	42.0	33.5	9.0	43	3	38.0	11.5	43	34.0	7.5
30	43	43.3	39.0	9.0	45.0	35.5	10.5	45	3	38.0	11.5	45	34.0	7.5
32	46	43.3	39.0	9.0	48.0	38.5	10.5	48	3	40.0	11.5	48	36.0	7.5
33	47	53.5	50.5	11.5	\	\	\	\	\	\	\	\	\	\
34	48	53.5	50.5	11.5	\	\	\	\	\	\	\	\	\	\
35	49	53.5	50.5	11.5	52.0	39.0	11.0	50	3	40.0	11.5	50	36.0	7.5
36	50	53.5	50.5	11.5	\	\	\	\	\	\	\	\	\	\
38	53	60.5	50.5	11.5	55.0	41.3	10.3	56	4	47.5	14.0	56	42.5	9.0
40	56	60.5	50.5	11.5	58.0	44.8	10.8	58	4	50.0	14.0	58	45.0	9.0
42	59	60.5	50.5	11.5	62.0	47.0	12.0	\	\	\	\	\	\	\
43	59	60.5	52.5	11.5	62.0	47.0	12.0	61	4	52.5	14.0	61	47.5	9.0
44	60	65.5	52.5	11.5	\	\	\	\	\	\	\	\	\	\
45	61	65.5	52.5	11.5	64.0	48.1	11.6	63	4	53.5	14.0	63	48.5	9.0
48	64	65.5	52.5	11.5	68.4	53.6	11.6	66	4	60.0	14.0	66	55.0	9.0
50	66	72.5	56.5	11.5	69.3	54.6	11.6	70	4	60.0	15.0	70	54.5	9.5
53	69	\	\	\	\	\	\	73	4	62.0	15.0	70	54.5	9.5
55	71	72.5	58.5	11.5	75.4	60.3	13.3	75	4	64.0	15.0	75	60.0	11.0
58	76	\	\	\	78.4	63.3	13.3	78	4	70.0	15.0	78	66.0	11.0
60	78	79.3	60.5	11.5	80.4	64.3	13.3	80	4	70.0	15.0	80	66.0	11.0
63	83	\	\	\	\	\	\	83	4	70.0	15.0	83	66.0	11.0
65	84	84.5	62.5	11.5	85.4	65.0	13.0	85	4	70.0	15.0	85	66.0	11.0
68	88	\	\	\	91.5	66.7	13.7	90	4	73.0	18.0	90	66.3	11.3
70	90	89.5	62.5	11.5	92.0	67.0	13.0	92	4	75.0	18.0	92	68.3	11.3
75	98	94.5	68.5	11.5	99.0	69.0	14.0	97	4	80.0	18.0	97	73.3	11.3
80	100	99.5	70.5	11.5	104.0	73.0	15.0	105	4	80.0	18.2	105	73.8	12.0