

TS 4U(TS L)

Operating Limits

Pressure: 0~1MPa
 Speed: ≤20m/s
 Temperature: -20°C~+180°C

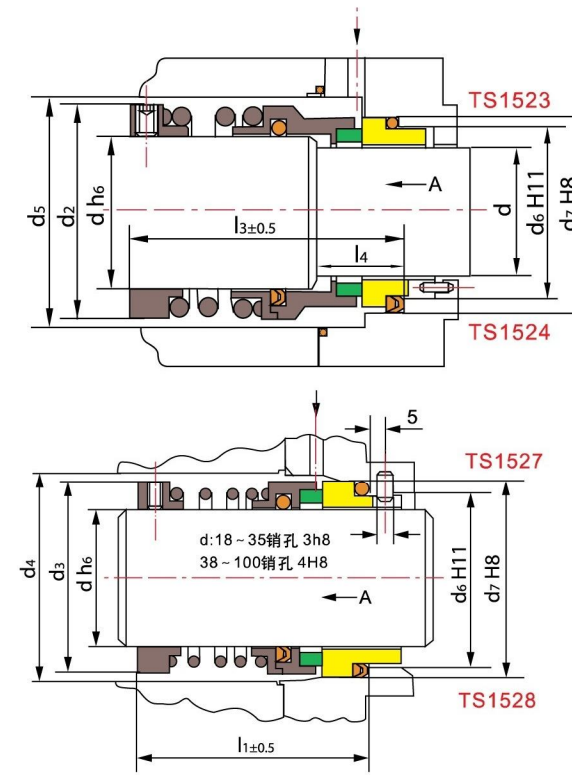


- Rotary Ring (SiC/TC)
- Stationary Ring (Carbon/SiC/TC)
- Secondary Seal(EPDM/VITON/PTFE)
- Spring & Other Parts(SUS304/SUS316)

Medium: water, oil, crystallizing acid, alkali, high viscosity liquid, paper pulp, etc.

Design Features:
 Except for the install length, all other dimensions are conform to ISO3069 DIN24960 and GB6556 standards.

Seal size d(mm)	d ₃	d ₄		d ₆	d ₇	d ₅	d ₈	l		l ₄	c
		min						(±0.5)	(±0.5)		
18	32	34	27	33	23	3	52.0	45.0	5	2.0	
20	34	36	29	35	25	3	52.0	45.0	5	2.0	
22	36	38	31	37	27	3	53.0	46.0	5	2.0	
24	38	40	33	39	29	3	56.0	49.0	5	2.0	
25	39	41	34	40	30	3	56.0	49.0	5	2.0	
28	42	44	37	43	33	3	56.5	49.5	5	2.0	
30	44	46	39	45	35	3	57.0	50.0	5	2.0	
32	46	48	42	48	38	3	58.5	51.5	5	2.0	
33	47	49	42	48	38	3	58.8	51.5	5	2.0	
35	49	51	44	50	40	3	58.5	51.5	5	2.0	
38	54	58	49	56	44	4	62.0	55.0	6	2.0	
40	56	60	51	58	46	4	62.0	55.0	6	2.0	
43	59	63	54	61	49	4	65.0	58.0	6	2.0	
45	61	65	56	63	51	4	65.0	58.0	6	2.0	
48	64	68	59	66	54	4	66.0	59.0	6	2.0	
50	66	70	62	70	57	4	67.0	60.0	6	2.5	
53	69	73	65	73	60	4	71.5	64.5	6	2.5	
55	71	75	67	75	62	4	73.5	66.5	6	2.5	
58	78	83	70	78	65	4	76.5	69.5	6	2.5	
60	80	85	72	80	67	4	76.5	69.5	6	2.5	
63	83	88	75	83	70	4	78.5	71.5	6	2.5	
65	85	90	77	85	72	4	81.5	74.5	6	2.5	
68	88	93	81	90	75	4	82.5	75.5	7	2.5	
70	90	95	83	92	77	4	86.5	79.5	7	2.5	
75	99	104	88	97	82	4	87.0	80.0	7	2.5	
80	104	109	95	105	88	4	90.5	83.5	7	3.0	
85	109	114	100	110	93	4	90.5	83.5	7	3.0	
90	114	119	105	115	98	4	92.5	85.5	7	3.0	
95	119	124	110	120	103	4	93.5	86.5	7	3.0	
100	124	129	115	125	108	4	93.5	86.5	7	3.0	



TS 1500

Operating Limits

Pressure: 0~1MPa (TS1527,TS1528)
 ≤3MPa (TS1523,TS1524)
 Speed: ≤15m/s
 Temperature: -20°C~+180°C

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

Design Features:

- a. Rotary direction is immobile. The springs can be assorted into right-hand or left-hand. The Spring rotating direction is determined by the direction of the shaft rotation.
- b. Except for the axial length, all other sizes conform to the ISO3069 and DIN24960 standards.

Seal size d(mm)	d ₀	d ₃	d ₄		d ₆	d ₇	d ₂	d ₅		l ₃	l ₁	l ₄
			min					min	min			
18	22	32	34	27	33	36	38	55	45	20		
20	24	34	36	29	35	38	40	60	45	20		
22	26	36	38	31	37	40	42	60	45	20		
24	28	38	40	33	39	42	44	60	50	20		
25	30	39	41	34	40	44	46	60	50	20		
28	33	42	44	37	43	47	49	65	50	20		
30	35	44	46	39	45	49	51	65	50	20		
32	38	46	48	42	48	54	58	65	55	20		
33	38	47	49	42	48	54	58	65	55	20		
35	40	49	51	44	50	56	60	65	55	20		
38	43	54	58	49	56	59	63	75	55	23		
40	45	56	61	51	58	61	65	75	55	23		
43	48	59	63	54	61	64	68	75	60	23		
45	50	61	65	56	63	66	70	75	60	23		
48	53	64	68	59	66	69	73	85	60	23		

Seal size d(mm)	d ₀	d ₃	d ₄		d ₆	d ₇	d ₂	d ₅		l ₃	l ₁	l ₄
			min					min	min			
50	55	66	70	62	70	71	75	85	60	25		
53	58	69	73	65	73	78	83	85	70	25		
55	60	71	75	67	75	80	85	85	70	25		
58	63	78	83	70	78	83	88	85	70	25		
60	65	80	85	72	80	85	90	95	70	25		
63	68	83	88	75	83	88	93	95	70	25		
65	70	85	90	77	85	90	95	95	80	25		
68	73	88	93	81	90	93	98	95	80	28		
70	75	90	95	83	92	99	104	95	80	28		
75	80	99	104	88	97	104	109	105	80	28		
80	85	104	109	95	105	109	114	105	90	28		
85	90	109	114	100	110	114	119	105	90	28		
90	95	114	119	105	115	119	124	105	90	28		
95	100	119	124	110	120	124	129	105	90	28		
100	105	124	129	115	125	129	134	105	90	28		