

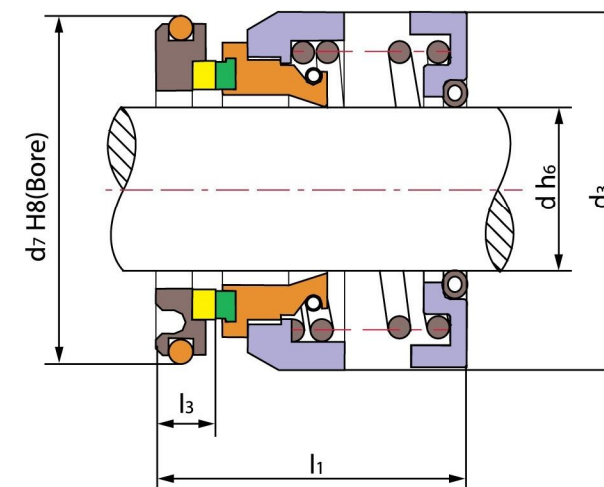
### TS UE

#### Operating Limits

Pressure:  $\leq 1.2\text{MPa}$   
 Speed:  $\leq 20\text{m/s}$   
 Temperature:  $-30^{\circ}\text{C} \sim +200^{\circ}\text{C}$

- Rotary Ring (SiC/TC)
- Stationary Ring (SiC/TC)
- Secondary Seal(VITON/PTFE/Encapsulated Ring)
- Wave spring(17-7PH/SUS304/SUS316)
- Other Parts(SUS304/SUS316)

Seal size d(mm)	d <sub>3</sub>	d <sub>7</sub>	l <sub>1</sub>	l <sub>3</sub>
30	41	44.0	26.0	7.5
38	52	54.0	28.5	7.5
63	80	82.5	32.5	8.5



### TS X

#### Operating Limits

Pressure:  $\leq 1\text{MPa}$   
 Speed:  $\leq 5\text{m/s}$   
 Temperature:  $-30^{\circ}\text{C} \sim +200^{\circ}\text{C}$

- Rotary Ring (SiC /TC)
- Stationary Ring(SiC /TC)
- O-Ring(NBR/EPDM/VITON)
- Spring (SUS304/SUS316)
- Tension Spring(1Cr18Ni9Ti)
- Stationary Seat(SUS304/SUS316)
- Spring Cover(Bakelite/Alumina)
- Retainer(Bakelite/Alumina)

Seal size d(mm)	d <sub>3</sub>	d <sub>7</sub>	l <sub>1</sub>	l <sub>3</sub>
20	42.5	55.5	36.5	11.0
22	47.0	45.5	32.6	9.0
25	54.0	50.5	38.6	10.0
28	54.0	50.5	38.6	10.0
30	54.0	50.5	38.6	10.0
35	62.0	60.5	39.8	11.0