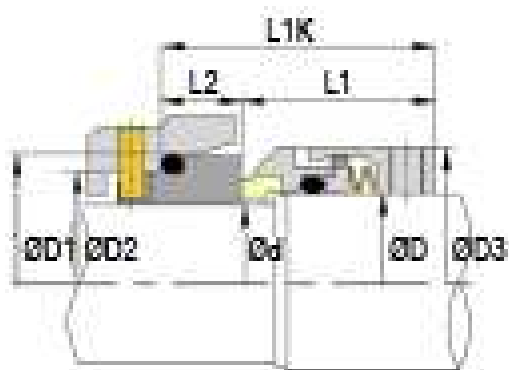
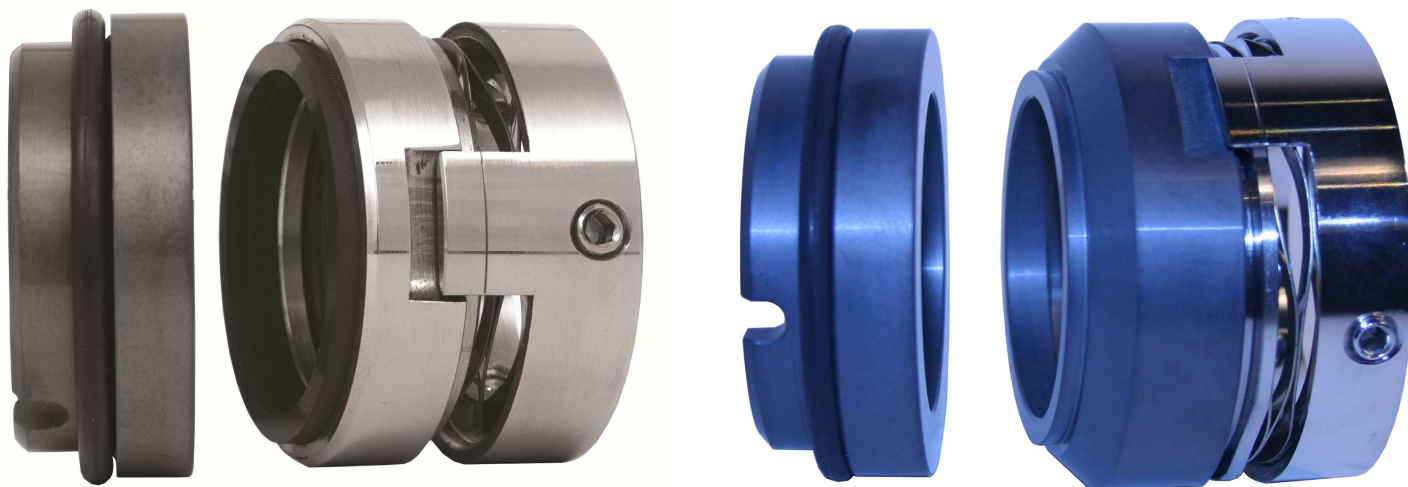


# Types 1678 and 1678M



## STANDARD SIZES

Metric Size d	Size Code D	D1	D2	D3	L1	L2	L3	L TOT DIN L1K	SLOT WIDTH	SLOT DEPTH
14	0180	25.00	21.00	32.00	32.50	10.00	16.50	42.50	4.00	5.00
16	0200	27.00	23.00	34.00	32.50	10.00	16.50	42.50	4.00	5.00
18	0220	33.00	27.00	36.00	33.50	11.50	18.50	45.00	4.00	5.50
20	0240	35.00	29.00	38.00	33.50	11.50	18.50	45.00	4.00	5.50
24	0280	39.00	33.00	42.00	36.00	11.50	18.50	47.50	4.00	5.50
25	0300	40.00	34.00	44.00	36.00	11.50	18.50	47.50	4.00	5.50
28	0330	43.00	37.00	47.00	38.50	11.50	18.50	50.00	4.00	5.50
30	0350	45.00	39.00	49.00	38.50	11.50	18.50	50.00	4.00	5.50
33	0380	48.00	42.00	54.00	38.50	11.50	18.50	50.00	4.00	5.50
35	0400	50.00	44.00	56.00	38.50	11.50	18.50	50.00	4.00	5.50
38	0430	56.00	49.00	59.00	38.50	14.00	21.50	52.50	5.00	5.50
40	0450	58.00	51.00	61.00	38.50	14.00	21.50	52.50	5.00	5.50
45	0500	63.00	56.00	66.00	38.50	14.00	21.50	52.50	5.00	5.50
48	0530	66.00	59.00	69.00	38.50	14.00	21.50	52.50	5.00	5.50
50	0550	70.00	62.00	71.00	42.50	15.00	22.50	57.50	5.00	5.50
55	0600	75.00	67.00	80.00	42.50	15.00	22.50	57.50	5.00	5.50

Sinusoidal wave-spring, set-screw driven, step-shaft balanced mechanical seal, with energised 'O'-ring and fitting dimensions to DIN 24960 / EN 12756 with L1K-B length.

Available as two versions with same performance and dimensions, Type 1678 features an inserted face in a metal carrier, Type 1678M has a monolithic head with lapped face.

### STANDARD FACE MATERIALS

Rotary Face: Q1 Silicon Carbide, B Carbon, A (Antimony-impregnated) Carbon.

Seat Ring: Q1 Silicon Carbide, Tungsten Carbide, A and B Carbons.

### Maximum Operating Limits

Pressure 280psi                      Speed 20m/s  
Temperature -40 to +200°C

Limits are dependant upon shaft size, shaft speed, temperature, and media to be sealed.