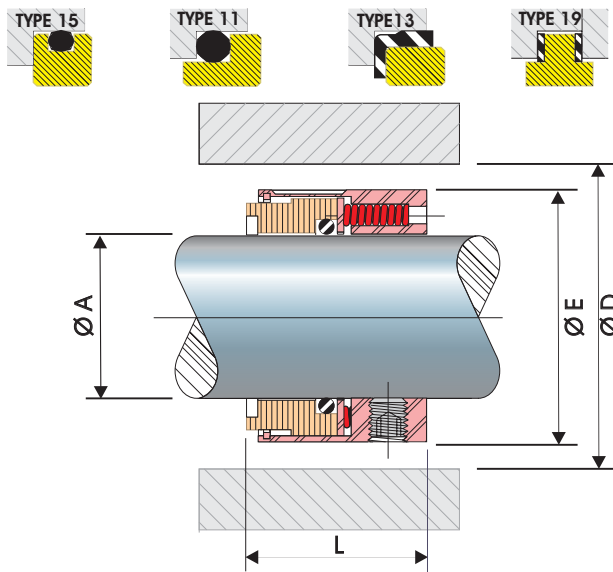


# LINE "50"



## Dimensions

MEASURE	A	D	E	L
Size	±0.002	Min.	Máx.	±0.010
16	1.000	1.562	1.438	1.000
18	1.125	1.688	1.562	1.000
20	1.250	1.812	1.688	1.000
22	1.375	2.062	1.938	1.125
24	1.500	2.062	1.938	1.125
26	1.625	2.312	2.188	1.156
28	1.750	2.438	2.312	1.375
30	1.875	2.625	2.500	1.375
32	2.000	2.750	2.625	1.375
34	2.125	2.875	2.750	1.687
36	2.250	2.968	2.843	1.375
38	2.375	3.125	3.000	1.687
40	2.500	3.250	3.125	1.375
42	2.625	3.375	3.250	1.687
44	2.750	3.500	3.375	1.687
46	2.875	3.625	3.500	1.687
48	3.000	3.750	3.625	1.687
50	3.125	3.875	3.750	1.687
52	3.250	4.000	3.875	1.687
54	3.375	4.125	4.000	1.687
56	3.500	4.250	4.125	1.687
58	3.625	4.375	4.250	1.687
60	3.750	4.500	4.375	1.687
62	3.875	4.625	4.500	1.687
64	4.000	4.750	4.625	1.687

NOTE: All measurements are in inches.

## INSTALLATION CRITERIA & OPERATIONAL LIMITS

SHAFT	LIMITS
SURFACE FINISH	32 a 63 Ra
OUT OF ROUNDNESS	± 0.051mm / 0.002"
EXTREME AXIAL MOVEMENT	± 0.013mm / 0.005"
OPERATION	LIMITS
SHAFT SPEED	3,800 RPM*
PRESSURE	200 PSI (14.1 kg/cm <sup>2</sup> )

\*Depending on shaft's diameter



## CHARACTERISTICS

### Applications:

**VAZEL** mechanical seal Line "50" is constructed with 300 stainless steel series and a staggered face of graphite carbon, plus a viton® o´ring covered with PTFE, making this seal ideal for all services.

### Design:

For its compact design, **VAZEL** mechanical seal Line "50" can be used in any pump. Its fastening system to the shaft by setscrews provide to the seal assembly a positive drag; reason why there is no axial movement or damage to the shaft.

### Materials:

	1	Metallic parts.....	316 Stainless Steel
	2	Springs.....	Hastelloy "C"
	3	Faces.....	Graphite Carbon, PTFE / Fiber Glass
	4	Packing.....	Nitrile, Viton®, Neoprene®, E.P.R., Kalrez®, Aflas®, Creavey®.
	5	Seat.....	Alumina, Silicon Carbide, Tungsten Carbide, Nitrile

## TEMPERATURE LIMITS

