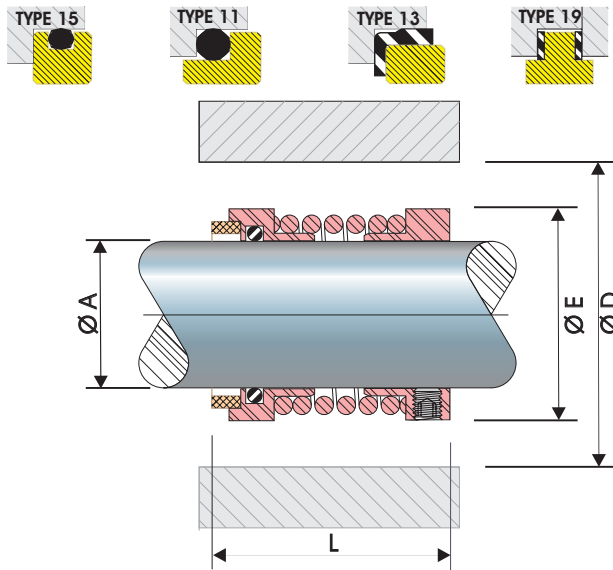


# LINE "15"



## Dimensions

MEASURE	A	D	E	L
Size	$\pm 0.002$	Min.	$\pm 0.015$	$\pm 0.031$
16	1.000	1.750	1.500	1.781
18	1.125	1.870	1.625	1.843
20	1.250	2.000	1.750	2.000
22	1.375	2.125	1.875	2.125
24	1.500	2.250	2.062	2.093
26	1.625	2.500	2.250	2.125
28	1.750	2.625	2.375	2.125
30	1.875	2.750	2.500	2.500
32	2.000	2.937	2.687	2.656
34	2.125	3.125	2.875	2.750
36	2.250	3.250	3.000	2.781
38	2.375	3.375	3.125	2.906
40	2.500	3.500	3.250	2.812
42	2.625	3.750	3.437	3.000
44	2.750	3.875	3.562	3.000
46	2.875	4.000	3.625	3.218
48	3.000	4.187	3.937	3.656
50	3.125	4.437	4.062	3.656
52	3.250	4.562	4.187	3.718
54	3.375	4.687	4.312	3.781
56	3.500	4.812	4.437	3.843
58	3.625	4.937	4.500	3.968
60	3.750	5.062	4.687	4.093
62	3.875	5.187	4.812	4.250
64	4.000	5.312	5.062	4.718

NOTE: All measurements are in inches.

## INSTALLATION CRITERIA & OPERATIONAL LIMITS

SHAFT	LIMITS
SURFACE FINISH	32 a 63 Ra
OUT OF ROUNDNESS	$\pm 0.051\text{mm} / 0.002''$
EXTREME AXIAL MOVEMENT	$\pm 0.013\text{mm} / 0.005''$
OPERATION	LIMITS
SHAFT SPEED	3,200 RPM*
PRESSURE	150 PSI (10.6 kg/cm <sup>2</sup> )

\*Depending on shaft's diameter



## CHARACTERISTICS






### Applications:

VAZEL mechanical seal Line "15" is recommended to use in rotary equipments such as pumps, reactors, just to mention some and generally for those equipments that handle viscous and abrasive fluids used in Chemical, Petrochemical, Paper and Water Treatment Industries.

### Design:

Not balanced seal, robust and strong, with low cost and also with a positive haulage with a single-spring (left or right, depending on the rotary sense of the axle), that practically makes it a non-clogging seal.

### Materials:

	1	Metallic parts.....	316 Stainless Steel
	2	Springs.....	316 Stainless Steel
	3	Faces.....	Graphite Carbon, Silicon Carbide, Tungsten Carbide
	4	Packing.....	Nitrile, Viton®, Neoprene, E.P.R., Kalrez®, Aflas®, Creavey.
	5	Seat.....	Alumina, Silicon Carbide, Tungsten Carbide, 316 Stainless Steel, Ni-Resist.

## TEMPERATURE LIMITS

