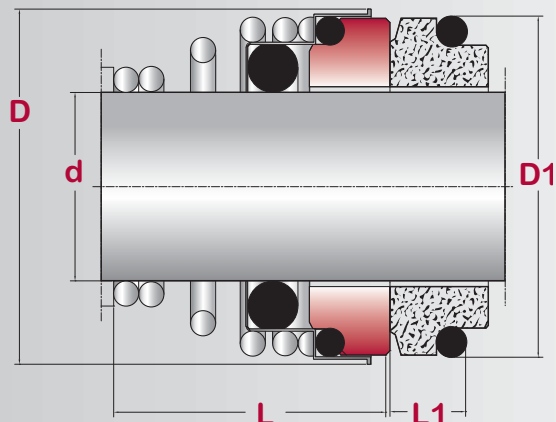


ESFN

Tapered Single Spring Component Seal



d	D	D1	L	L1
10	20	18.1	15	5.5
11	22	20.6	18	5.5
12	22	20.6	18	5.5
13	25	23.1	22	6.0
14	25	23.1	22	6.0
15	29	26.9	22	7.0
16	29	26.9	23	7.0
17	29	26.9	23	7.0
18	33	30.9	24	8.0
19	33	30.9	25	8.0
20	33	30.9	25	8.0
22	38	35.4	25	8.0
24	38	35.4	27	8.0
25	40	38.2	27	8.5
28	46	43.3	29	9.0
30	46	43.3	30	9.0
32	46	43.3	30	9.0
33	48	53.5	39	11.5
35	50	53.5	39	11.5
38	55	60.5	39	11.5
40	55	60.5	39	11.5



Features and Benefits:

- Tapered spring transmits torque of shaft to seal
- Uni-directional – seal is dependent on rotation of shaft (please specify clockwise or counterclockwise rotation)
- Reliable O-ring pusher secondary seal design
- Rotating ceramic seat
- Unbalanced
- Common seal for many common European light duty pumps

Standard Materials of Construction:

- **Faces:**
 - Ceramic, Carbon, Stainless, Silicon Carbide
- **Elastomers:**
 - Buna, Viton®, Aflas®, Neoprene, EPDM
- **Metallurgy:**
 - 304

Operating Limits:

- Pressure: to 145 PSI (10 Bar).
- Temperature: -4°F to +350°F. (- 20 to 180°C)

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