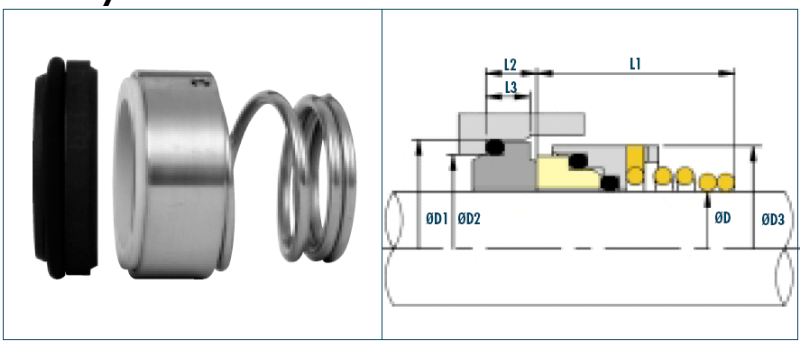
MECHANICAL SEALS

PRODUCT DATA SHEET

Conical

Abbey TY07D



Resilient Conical Spring, O'Ring mounted, DIN standard seal with the advantage of being able to replace the faces. The seal is very versatile and is suitable for a large variety of general and arduous duty applications through a choice of face material combinations

Abbey Standard sizes

Shaft Size OD	Size Code	0D1	OD2	OD3	L1	L2	L3
10.00	10MM	21.00	17.00	19.00	15.00	7.00	4.00
12.00	12MM	23.00	19.00	21.00	18.00	7.00	4.00
14.00	14MM	25.00	21.00	23.00	22.00	7.00	4.00
16.00	16MM	27.00	23.00	26.00	23.00	7.00	4.00
18.00	18MM	33.00	27.00	29.00	24.00	10.00	5.00
20.00	20MM	35.00	29.00	31.00	25.00	10.00	5.00
22.00	22MM	37.00	31.00	33.00	25.00	10.00	5.00
24.00	24MM	39.00	33.00	35.00	27.00	10.00	5.00
25.00	25MM	40.00	34.00	36.00	27.00	10.00	5.00
28.00	28MM	43.00	3700	40.00	29.00	10.00	5.00
30.00	30MM	45.00	39.00	43.00	30.00	10.00	5.00
32.00	32MM	48.00	42.00	46.00	30.00	10.00	5.00
33.00	33MM	48.00	42.00	46.00	39.00	10.00	5.00
35.00	35MM	50.00	44.00	49.00	39.00	10.00	5.00
38.00	38MM	56.00	49.00	53.00	42.00	13.00	6.00
40.00	40MM	58.00	51.00	56.00	42.00	13.00	6.00
43.00	43MM	61.00	54.00	59.00	47.00	13.00	6.00
45.00	45MM	63.00	56.00	61.00	47.00	13.00	6.00
48.00	48MM	66.00	59.00	64.00	47.00	13.00	6.00
50.00	50MM	70.00	62.00	66.00	46.00	14.00	6.00
53.00	53MM	73.00	65.00	69.00	56.00	14.00	6.00
55.00	55MM	75.00	67.00	71.00	56.00	14.00	6.00
58.00	58MM	78.00	70.00	76.00	56.00	14.00	6.00
60.00	60MM	80.00	72.00	78.00	56.00	14.00	6.00
63.00	63MM	83.00	75.00	81.00	56.00	14.00	6.00
65.00	65MM	85.00	77.00	84.00	66.00	16.00	6.00
68.00	68MM	90.00	81.00	88.00	64.00	16.00	6.00
70.00	70MM	92.00	83.00	89.60	64.00	16.00	7.00
75.00	75MM	97.00	88.00	98.00	64.00	16.00	7.00
80.00	80MM	105.00	95.00	100.00	72.00	18.00	7.00
85.00	85MM	110.00	100.00	107.50	72.00	18.00	7.00
90.00	90MM	115.00	105.00	111.00	72.00	18.00	7.00
95.00	95MM	120.00	110.00	119.00	72.00	18.00	7.00
100.00	100MM	125.00	115.00	123.80	72.00	18.00	7.00

Standard Face Materials

Rotary: Ceramic, Sil Carbide

Stat: Carbon, Sil Carbide

Other Face Materials to order

Maximum Operating Limits

PRESSURE 170 psi **SPEED 15m/s**

TEMPERATURE -40 + 180^0 C

Dependant on Shaft Dia, Speed, Temp and Media to be sealed

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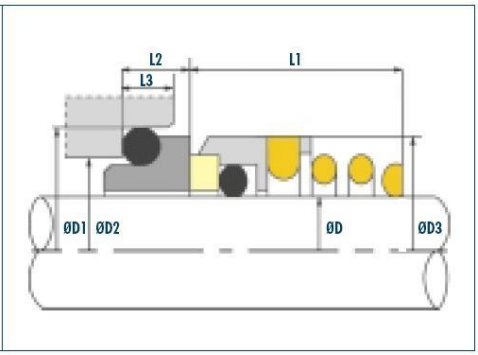
Abbey TY08



Conical Spring, O'Ring mounted seal with a wide choice of elastomer and face materials. Suitable for a variety of general and arduous duties including those needing a high pV value face materials.

Abbey Standard sizes

Shaft Size OD	Size Code	OD1	OD2	OD3	L1	L2	L3
10.00	10MM	19.20	15.50	19.00	15.50	6.60	5.00
12.00	12MM	21.60	17.50	21.00	15.50	5.60	5.00
14.00	14MM	24.60	20.50	23.00	15.50	5.60	5.00
15.00	15MM	24.60	20.50	24.00	15.50	5.60	5.00
16.00	16MM	28.00	22.00	26.00	17.50	7.50	6.50
18.00	18MM	30.00	24.00	29.00	18.50	8.00	6.50
19.00	19MM	31.00	25.00	31.00	20.00	7.50	6.50
20.00	20MM	35.00	29.50	31.00	20.00	7.50	6.50
22.00	22MM	35.00	29.50	33.00	21.50	7.50	6.50
24.00	24MM	38.00	32.00	35.00	23.00	7.50	6.50
25.00	25MM	38.00	32.00	36.00	24.50	7.50	6.50
26.00	26MM	40.00	34.00	37.00	24.50	8.00	6.50
28.00	28MM	42.00	36.00	40.00	24.50	9.00	6.50
30.00	30MM	45.00	39.20	43.00	24.50	10.50	6.50
32.00	32MM	48.00	42.20	46.00	28.00	10.50	6.50
35.00	35MM	52.00	46.20	49.00	28.00	11.00	6.50
38.00	38MM	55.00	49.20	53.00	31.00	10.30	6.50
40.00	40MM	58.00	52.20	56.00	34.00	10.80	6.50
42.00	42MM	62.00	53.30	59.00	35.00	12.00	8.00
43.00	43MM	62.00	54.30	59.00	35.00	12.00	8.00
45.00	45MM	64.00	55.30	61.00	36.50	11.60	8.00
48.00	48MM	68.40	59.70	64.00	42.00	11.60	8.00
50.00	50MM	69.30	60.80	66.00	43.00	11.60	8.00
55.00	55MM	75.40	66.50	71.00	47.00	13.30	8.00
58.00	58MM	78.40	69.50	76.00	50.00	13.30	8.00
60.00	60MM	80.40	71.50	78.00	51.00	13.30	8.00
65.00	65MM	85.40	76.50	84.00	52.00	13.00	8.00
68.00	68MM	91.50	82.70	88.00	53.00	13.70	8.00
70.00	70MM	92.00	83.00	90.00	54.00	13.00	8.00
75.00	75MM	99.00	92.20	98.00	55.00	14.00	8.00
80.00	80MM	104.00	95.20	100.00	58.00	15.00	8.00

Standard Face Materials

Rotary: Carbon, Sil Carbide, Tungsten Carbide

Stat: Ceramic,Sil Carbide, Tungsten Carbide

Other Face Materials to order

Maximum Operating Limits

PRESSURE 180 psi SPEED 15m/s

TEMPERATURE -40 + 180^0 C

Dependant on Shaft Dia, Speed, Temp and Media to be sealed

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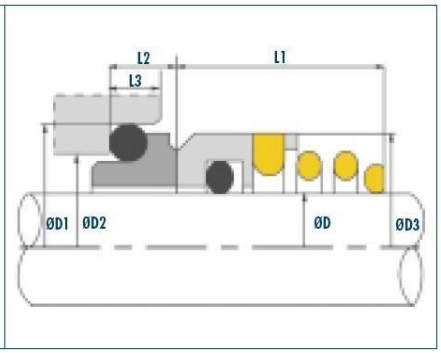
Abbey TY08B



Conical spring, O'Ring mounted seal and seat of similar design to TY08 but with a stainless steel seal head and O'Ring mounted carbon seat. This standard face combination is suitable for general and medium duty applications.

Abbey Standard sizes

Shaft Size OD	Size Code	0D1	OD2	OD3	L1	L2	L3
10.00	10MM	19.20	15.50	19.00	15.50	7.10	5.00
12.00	12MM	21.60	17.50	21.00	15.50	7.60	5.00
14.00	14MM	24.60	20.50	23.00	15.50	7.60	5.00
15.00	15MM	24.60	20.50	24.00	15.50	8.60	5.00
16.00	16MM	28.00	22.00	26.00	17.50	9.00	6.50
18.00	18MM	30.00	24.00	29.00	18.50	10.00	6.50
19.00	19MM	31.00	25.00	31.00	20.00	9.00	6.50
20.00	20MM	35.00	29.50	31.00	20.00	9.50	6.50
22.00	22MM	35.00	29.50	33.00	21.50	9.50	6.50
24.00	24MM	38.00	32.00	35.00	23.00	9.50	6.50
25.00	25MM	38.00	32.00	36.00	24.50	9.50	6.50
26.00	26MM	40.00	34.00	37.00	24.50	10.00	6.50
28.00	28MM	42.00	36.00	40.00	24.50	11.00	6.50
30.00	30MM	45.00	39.20	43.00	24.50	11.00	6.50
32.00	32MM	48.00	42.20	46.00	28.00	11.00	6.50
35.00	35MM	52.00	46.20	49.00	28.00	11.50	6.50
38.00	38MM	55.00	49.20	53.00	31.00	11.50	6.50
40.00	40MM	58.00	52.20	56.00	34.00	11.50	6.50
42.00	42MM	62.00	53.30	59.00	35.00	14.30	8.00
43.00	43MM	62.00	54.30	59.00	35.00	14.30	8.00
45.00	45MM	64.00	55.30	61.00	36.50	14.30	8.00
48.00	48MM	68.40	59.70	64.00	42.00	14.30	8.00
50.00	50MM	69.30	60.80	66.00	43.00	14.30	8.00
55.00	55MM	75.40	66.50	71.00	47.00	15.30	8.00
58.00	58MM	78.40	69.50	76.00	50.00	15.30	8.00
60.00	60MM	80.40	71.50	78.00	51.00	15.30	8.00
65.00	65MM	85.40	76.50	84.00	52.00	15.30	8.00
68.00	68MM	91.50	82.70	88.00	53.00	16.00	83.00
70.00	70MM	92.00	83.00	90.00	54.00	15.30	8.00
75.00	75MM	99.00	90.20	98.00	55.00	15.30	8.00
80.00	80MM	104.00	95.20	100.00	58.00	16.30	8.00

Standard Face Materials
Rotary: Stainless Steel
Stationary : Carbon

Maximum Operating Limits
PRESSURE 160 psi SPEED 15m/s
TEMPERATURE -40 + 180^0 C
Dependant on Shaft Dia, Speed, Temp and Media to be sealed

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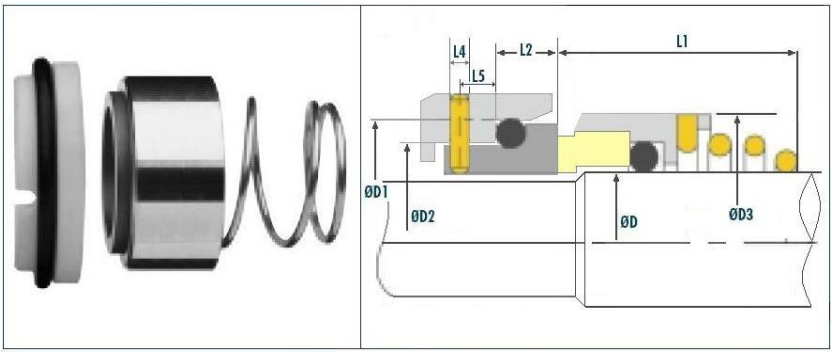
Abbey TY82



Conical spring, O'Ring mounted, Balanced DIN seal for stepped shafts with reduced shaft size, TY08DIN Long seat. This balanced seal is suitable for a large variety of general & high duty applications with a wide range of face and elastomer combinations.

Abbey Standard sizes

Shaft Size OD	Size Code	0D1	OD2	OD3	L1	L2	L4	L5
14.00	14MM	21.00	17.00	23.00	25.50	10.00	3.00	5.00
16.00	16MM	23.00	19.00	26.00	26.50	10.00	3.00	5.00
18.00	18MM	25.00	21.00	29.00	29.50	10.00	3.00	5.00
20.00	20MM	27.00	23.00	31.00	31.00	10.00	3.00	5.00
22.00	22MM	33.00	27.00	33.00	32.50	11.50	3.00	5.00
24.00	24MM	35.00	29.00	35.00	32.50	11.50	3.00	5.00
26.00	26MM	37.00	31.00	36.00	32.50	11.50	3.00	5.00
28.00	28MM	39.00	33.00	40.00	32.50	11.50	3.00	5.00
30.00	30MM	40.00	34.00	43.00	33.50	11.50	3.00	5.00
33.00	33MM	43.00	37.00	46.00	35.50	11.50	3.00	5.00
35.00	35MM	45.00	39.00	49.00	35.50	11.50	3.00	5.00
38.00	38MM	48.00	42.00	53.00	39.50	11.50	3.00	5.00
40.00	40MM	50.00	44.00	56.00	43.50	11.50	3.00	5.00
43.00	43MM	56.00	49.00	59.00	46.00	14.00	4.00	5.00
45.00	45MM	58.00	51.00	61.00	48.00	14.00	4.00	5.00
48.00	48MM	61.00	54.00	64.00	51.00	14.00	4.00	5.00
50.00	50MM	63.00	56.00	66.00	55.00	14.00	4.00	5.00
53.00	53MM	66.00	59.00	69.00	55.00	14.00	4.00	5.00
55.00	55MM	70.00	62.00	71.00	58.00	15.00	4.00	5.00
58.00	58MM	73.00	65.00	76.00	60.00	15.00	4.00	5.00
60.00	60MM	75.00	67.00	78.00	60.00	15.00	4.00	5.00
63.00	63MM	78.00	70.00	81.00	60.00	15.00	4.00	5.00
65.00	65MM	80.00	72.00	84.00	60.00	15.00	4.00	5.00
68.00	68MM	83.00	75.00	88.00	60.00	15.00	4.00	5.00
70.00	70MM	85.00	77.00	90.00	61.00	15.00	4.00	5.00
75.00	75MM	92.00	83.00	98.00	63.00	18.00	4.00	5.00
80.00	80MM	97.00	88.00	100.00	68.00	18.00	4.00	5.00
85.00	85MM	105.00	95.00	107.50	68.00	18.20	4.00	5.00

Standard Face Materials

Rotary: Carbon, Sil Carbide, Tungsten Carbide

Stat: Ceramic,Sil Carbide, Tungsten Carbide

Other Face Materials to order

Maximum Operating Limits

PRESSURE 200 psi SPEED 20m/s

TEMPERATURE -40 + 180^0 C

Dependant on Shaft Dia, Speed, Temp and Media to be sealed

DUBLIN T: +353 (0)1 427 7900 E: dublin@abbeyseals.ie
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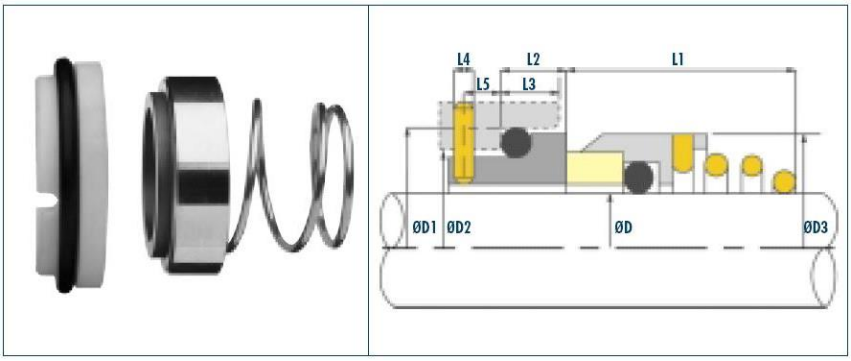
Abbey TY08DIN



Conical Spring O'Ring mounted, DIN Standard seal and DIN long seat with drive slot. Suitable for a large variety of general and high duty applications through a ready choice of face materials and elastomers.

Abbey Standard sizes

Shaft Size OD	Size Code	0D1	OD2	OD3	L1	L2	L3	L4	L5
10.00	10MM	21.00	17.00	19.00	15.50	10.00	5.50	3.00	5.00
12.00	12MM	23.00	19.00	21.00	16.00	10.00	5.50	3.00	5.00
14.00	14MM	25.00	21.00	23.00	16.50	10.00	5.50	3.00	5.00
16.00	16MM	27.00	23.00	26.00	18.00	10.00	5.50	3.00	5.00
18.00	18MM	33.00	27.00	29.00	19.50	11.50	7.00	3.00	5.00
20.00	20MM	35.00	29.00	31.00	22.00	11.50	7.00	3.00	5.00
22.00	22MM	37.00	31.00	33.00	21.50	11.50	7.00	3.00	5.00
24.00	24MM	39.00	33.00	35.00	23.50	11.50	7.00	3.00	5.00
25.00	25MM	40.00	34.00	36.00	26.50	11.50	7.0	3.00	5.00
28.00	28MM	43.00	37.00	40.00	26.50	11.50	7.00	3.00	5.00
30.00	30MM	45.00	39.00	43.00	26.50	11.50	7.00	3.00	5.00
32.00	32MM	48.00	42.00	46.00	28.50	11.50	7.00	3.00	5.00
35.00	35MM	50.00	44.00	49.00	28.50	11.50	7.00	3.00	5.00
38.00	38MM	56.00	49.00	53.00	33.50	14.00	8.00	4.00	5.00
40.00	40MM	58.00	51.00	56.00	36.00	14.00	8.00	4.00	5.00
43.00	43MM	61.00	54.00	59.00	38.50	14.00	8.00	4.00	5.00
45.00	45MM	63.00	56.00	61.00	39.50	14.00	8.00	4.00	5.00
48.00	48MM	66.00	59.00	64.00	46.00	14.00	8.00	4.00	5.00
50.00	50MM	70.00	62.00	66.00	45.00	15.00	8.50	4.00	5.00
53.00	53MM	73.00	65.00	69.00	47.00	15.00	8.50	4.00	5.00
55.00	55MM	75.00	67.00	71.00	49.00	15.00	8.50	4.00	5.00
58.00	58MM	78.00	70.00	76.00	55.00	15.00	8.50	4.00	5.00
60.00	60MM	80.00	72.00	78.00	55.00	15.00	8.50	4.00	5.00
65.00	65MM	85.00	77.00	84.00	55.00	15.00	8.50	4.00	5.00
68.00	68MM	90.00	81.00	88.00	55.00	18.00	9.50	4.00	5.00
70.00	70MM	92.00	83.00	90.00	57.00	18.00	9.50	4.00	5.00
75.00	75MM	97.00	88.00	98.00	62.00	18.00	9.50	4.00	5.00
80.00	80MM	105.00	95.00	100.00	61.80	18.20	10.00	4.00	5.00

Standard Face Materials
Rotary: Carbon, Sil Carbide, Tungsten Carbide
Stat: Ceramic,Carbon, Sil Carbide, Tungsten Carbide
Other Face Materials to order

Maximum Operating Limits
PRESSURE 180 psi SPEED 15m/s
TEMPERATURE -40 + 180^0 C
Dependant on Shaft Dia, Speed, Temp and Media to be sealed

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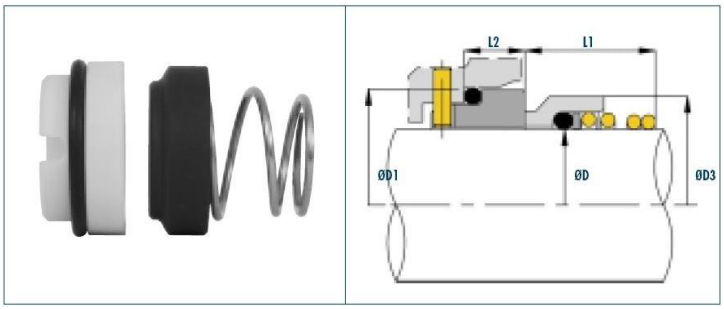
Abbey TY09/ TY09L



Conical Spring, O'Ring mounted seal with a monolithic rotary face, Available as TY09 with TY190 seat or TY09L with a TY08 DIN long seat.

Abbey Standard sizes

			TY09 WITHOUT SLOTTED SEAT			TY09L WITH SLOTTED SEAT		
Shaft Size OD	Size Code	0D3	OD1	L1	L2	OD1	L1	L2
10.00	10MM	20.00	19.20	15.90	6.60	21.00	17.50	10.00
12.00	12MM	22.00	21.60	16.00	5.60	23.00	17.50	10.00
14.00	14MM	25.00	24.60	16.00	5.60	25.00	17.50	10.00
15.00	15MM	27.00	24.60	17.40	6.60	27.00	17.40	10.00
16.00	16MM	27.00	28.00	19.00	7.50	27.00	19.50	10.00
18.00	18MM	30.00	30.00	20.50	8.00	33.00	20.50	11.50
20.00	20MM	32.00	35.00	22.00	7.50	35.00	22.00	11.50
22.00	22MM	35.00	35.00	23.50	7.50	37.00	23.50	11.50
24.00	24MM	38.00	38.00	25.00	7.50	39.00	25.00	11.50
25.00	25MM	40.00	38.00	26.50	7.50	40.00	26.50	11.50
28.00	28MM	43.00	42.00	26.50	9.00	43.00	26.50	11.50
30.00	30MM	45.00	45.00	25.00	10.50	45.00	25.00	11.50
32.00	32MM	47.00	48.00	28.50	10.50	48.00	28.50	11.50
35.00	35MM	50.00	52.00	28.50	11.00	50.00	28.50	11.50
38.00	38MM	56.00	55.00	32.00	10.30	56.00	32.00	14.00

Standard Face Materials
Rotary: Carbon, Silicon Carbide,
Stat: Carbon, Ceramic, Silicon Carbide,
Other Face Materials to order

Maximum Operating Limits
PRESSURE 160 psi SPEED 15m/s
TEMPERATURE -40^0 + 200^0 C
Dependant on Shaft Dia, Speed, Temp and Media to be sealed

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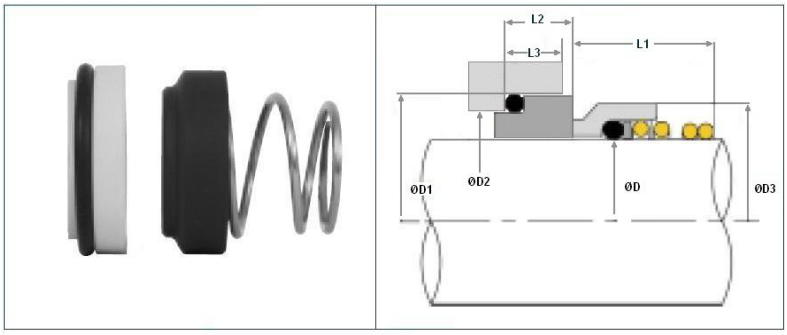
Abbey TY09S



Conical Spring, O'Ring mounted seal with a monolithic rotary face, and a TY08 DIN Short Stationary

Abbey Standard sizes

Shaft Size OD	Size Code	0D1	OD2	OD3	L1	L2	L3
10.00	10MM	21.00	16.40	20.00	15.90	6.60	5.50
12.00	12MM	23.00	18.40	22.00	16.00	6.60	5.50
14.00	14MM	25.00	20.40	25.00	16.00	6.60	5.50
15.00	15MM	27.00	22.40	27.00	17.40	6.60	5.50
16.00	16MM	27.00	22.40	27.00	19.00	6.60	5.50
18.00	18MM	33.00	26.60	30.00	20.50	7.50	7.00
20.00	20MM	35.00	28.60	32.00	22.00	7.50	7.00
22.00	22MM	37.00	30.60	35.00	23.50	7.50	7.00
24.00	24MM	39.00	32.60	38.00	25.00	7.50	7.00
25.00	25MM	40.00	33.60	40.00	26.50	7.50	7.00
28.00	28MM	43.00	36.60	43.00	26.50	7.50	7.00
30.00	30MM	45.00	38.60	45.00	25.00	7.50	7.00
32.00	32MM	48.00	41.60	47.00	28.50	7.50	7.00
35.00	35MM	50.00	43.80	50.00	28.50	7.50	7.00
38.00	38MM	56.00	48.80	56.00	32.00	7.50	7.00

Standard Face Materials
Rotary: Carbon, Silicon Carbide,
Stat: Carbon, Ceramic, Silicon Carbide,
Other Face Materials to order

Maximum Operating Limits
PRESSURE 160 psi SPEED 15m/s
TEMPERATURE -40^0 + 200^0 C
Dependant on Shaft dia, Speed, Temp and Media to be sealed

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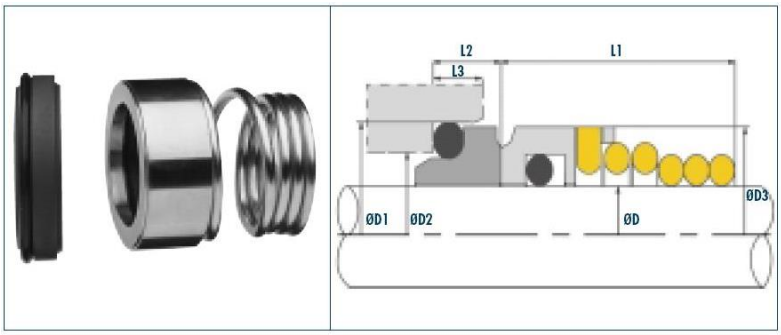
Abbey TY12DIN



A range of highly proficient widely utilized conical Spring, O'Ring mounted seals, having a stainless steel head and carbon seat Available to suit DIN 24960 (EN12756). Suitable for a wide range of general and medium duties.

Abbey Standard sizes

Shaft Size OD	Size Code	0D1	OD2	OD3	L1	L2	L3
10.00	10MM	21.00	17.00	19.00	15.00	7.00	4.00
12.00	12MM	23.00	19.00	21.00	18.00	7.00	4.00
14.00	14MM	25.00	21.00	23.00	22.00	7.00	4.00
16.00	16MM	27.00	23.00	26.00	23.00	7.00	4.00
18.00	18MM	33.00	27.00	29.00	24.00	10.00	5.00
20.00	20MM	35.00	29.00	31.00	25.00	10.00	5.00
22.00	22MM	37.00	31.00	33.00	25.00	10.00	5.00
24.00	24MM	39.00	33.00	35.00	27.00	10.00	5.00
25.00	25MM	40.00	34.00	36.00	27.00	10.00	5.00
28.00	28MM	43.00	37.00	40.00	29.00	10.00	5.00
30.00	30MM	45.00	39.00	43.00	30.00	10.00	5.00
32.00	32MM	48.00	42.00	46.00	30.00	10.00	5.00
33.00	33MM	48.00	42.00	46.00	39.00	10.00	5.00
35.00	35MM	50.00	44.00	49.00	39.00	10.00	5.00
38.00	38MM	56.00	49.00	53.00	42.00	13.00	6.00
40.00	40MM	58.00	51.00	56.00	42.00	13.00	6.00
43.00	43MM	61.00	54.00	59.00	47.00	13.00	6.00
45.00	45MM	63.00	56.00	61.00	47.00	13.00	6.00
48.00	48MM	66.00	59.00	64.00	47.00	13.00	6.00
50.00	50MM	70.00	62.00	66.00	46.00	14.00	6.00
53.00	53MM	73.00	65.00	69.00	56.00	14.00	6.00
55.00	55MM	75.00	67.00	71.00	56.00	14.00	6.00
58.00	58MM	78.00	70.00	76.00	56.00	14.00	6.00
60.00	60MM	80.00	72.00	78.00	56.00	14.00	6.00
63.00	63MM	83.00	75.00	81.00	56.00	14.00	6.00
65.00	65MM	85.00	77.00	84.00	66.00	16.00	6.00
68.00	68MM	90.00	81.00	88.00	64.00	16.00	7.00
70.00	70MM	92.00	83.00	89.60	64.00	16.00	7.00
75.00	75MM	97.00	88.00	98.00	64.00	16.00	7.00
80.00	80MM	105.00	95.00	100.00	72.00	18.00	7.00
85.00	85MM	110.00	100.00	107.50	72.00	18.00	7.00
90.00	90MM	115.00	105.00	111.00	72.00	18.00	7.00
95.00	95MM	120.00	110.00	119.00	72.00	18.00	7.00
100.00	100MM	125.00	115.00	123.80	72.00	18.00	7.00

Standard Face Materials
Rotary: Stainless Steel, Silicon Carbide
Stat: Carbon, Silicon Carbide,
Other Face Materials to order

Maximum Operating Limits
PRESSURE: 180 psi SPEED: 15m/s
TEMPERATURE -40^0 + 200^0 C
Dependant on Shaft dia, Speed, Temp and Media to be sealed

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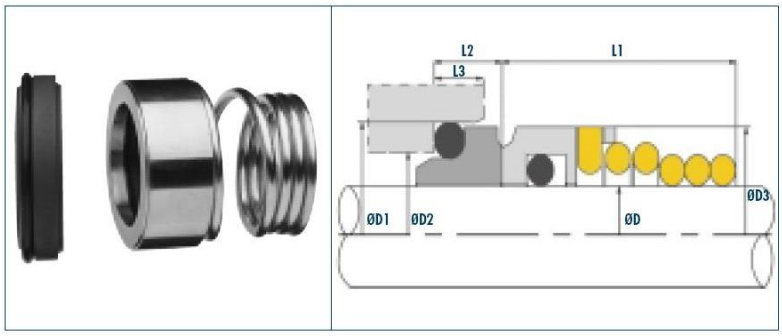
THE SEAL SPECIALISTS

Abbey TY12

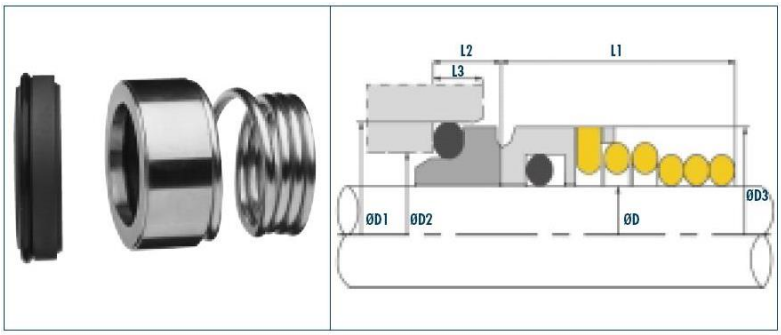


A range of highly proficient widely utilized conical Spring, O'Ring mounted seals, having a stainless steel head and carbon seat Available to suit DIN 24960 (EN12756). Suitable for a wide range of general and medium duties.

Abbey Standard sizes

Shaft Size OD	Size Code	0D1	OD2	OD3	L1	L2	L3
10.00	10MM	18.10	14.00	19.00	15.00	5.50	4.00
11.00	11MM	20.60	16.50	21.00	18.00	5.50	4.00
12.00	12MM	20.60	16.50	21.00	18.00	5.50	4.00
13.00	13MM	23.10	19.00	23.00	22.00	6.00	4.00
14.00	14MM	23.10	19.00	23.00	22.00	6.00	4.00
15.00	15MM	26.90	21.00	24.00	22.00	7.00	5.00
16.00	16MM	26.90	21.00	26.00	23.00	7.00	5.00
17.00	17MM	26.90	21.00	26.00	23.00	7.00	5.00
18.00	18MM	30.90	25.00	29.00	24.00	8.00	5.00
19.00	19MM	30.90	25.00	31.00	25.00	8.00	5.00
20.00	20MM	30.90	25.00	31.00	25.00	8.00	5.00
21.00	21MM	35.40	30.00	33.00	25.00	8.00	5.50
22.00	22MM	35.40	30.00	33.00	25.00	8.00	5.50
23.00	23MM	35.40	30.00	35.00	27.00	8.00	5.50
24.00	24MM	35.40	30.00	35.00	27.00	8.00	5.50
25.00	25MM	38.20	33.00	36.00	27.00	8.50	5.50
26.00	26MM	38.20	33.00	36.00	27.00	8.50	5.50
27.00	27MM	38.20	33.00	36.00	27.00	8.50	5.50
28.00	28MM	43.30	38.00	40.00	29.00	9.00	5.50
29.00	29MM	43.30	38.00	43.00	30.00	9.00	5.50
30.00	30MM	43.30	38.00	43.00	30.00	9.00	5.50
31.00	31MM	43.30	38.00	46.00	30.00	9.00	5.50
32.00	32MM	43.30	38.00	46.00	30.00	9.00	5.50
33.00	33MM	53.50	45.00	46.00	39.00	11.50	7.50
34.00	34MM	53.50	45.00	49.00	39.00	11.50	7.50
35.00	35MM	53.50	45.00	49.00	39.00	11.50	7.50
36.00	36MM	53.50	45.00	49.00	39.00	11.50	7.50
37.00	37MM	53.50	45.00	49.00	39.00	11.50	7.50
38.00	38MM	60.50	52.00	53.00	39.00	11.50	7.50
39.00	39MM	60.50	52.00	56.00	39.00	11.50	7.50
40.00	40MM	60.50	52.00	56.00	39.00	11.50	7.50
41.00	41MM	60.50	52.00	56.00	39.00	11.50	7.50
42.00	42MM	60.50	52.00	59.00	39.00	11.50	7.50
43.00	43MM	60.50	52.00	59.00	39.00	11.50	7.50
44.00	44MM	65.50	57.00	61.00	41.00	11.50	7.50
45.00	45MM	65.50	57.00	61.00	41.00	11.50	7.50
46.00	46MM	65.50	57.00	61.00	41.00	11.50	7.50
47.00	47MM	65.50	57.00	64.00	41.00	11.50	7.50
48.00	48MM	65.50	57.00	64.00	41.00	11.50	7.50

Abbey TY12



A range of highly proficient widely utilized conical Spring, O'Ring mounted seals, having a stainless steel head and carbon seat Available to suit DIN 24960 (EN12756). Suitable for a wide range of general and medium duties.

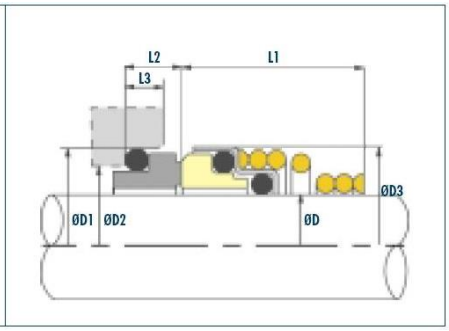
Abbey Standard sizes (Continued)

Shaft Size OD	Size Code	0D1	OD2	OD3	L1	L2	L3
49.00	49MM	65.50	57.00	64.00	41.00	11.50	7.50
50.00	50MM	72.50	64.00	66.00	45.00	11.50	7.50
55.00	55MM	72.50	64.00	71.00	47.00	11.50	7.50
60.00	60MM	79.30	72.00	78.00	49.00	11.50	7.50
65.00	65MM	84.50	77.00	84.00	51.00	11.50	7.50
70.00	70MM	89.50	82.00	89.60	51.00	11.50	7.50
75.00	75MM	94.50	87.00	98.00	57.00	11.50	7.50
80.00	80MM	99.50	92.00	100.00	59.00	11.50	7.50
85.00	85MM	105.50	98.00	107.50	59.00	13.50	8.00
90.00	90MM	111.50	105.00	111.00	62.00	13.50	8.00
95.00	95MM	116.50	110.00	119.00	62.00	13.50	8.00
100.00	100MM	119.50	114.00	123.80	75.00	13.50	8.00

Standard Face Materials
Rotary: Stainless Steel, Silicon Carbide
Stat: Carbon, Silicon Carbide,
Other Face Materials to order

Maximum Operating Limits
PRESSURE: 180 psi SPEED: 15m/s
TEMPERATURE -40^0 + 200^0 C
Dependant on Shaft dia, Speed, Temp and Media to be sealed

Abbey TY13



Conical Spring O'Ring mounted seal with pressed stainless steel head retainer and pressed carbon seat. Highly productionised seal capable of a wide ranging service.

Abbey Standard sizes

Shaft Size OD	Size Code	0D1	OD2	OD3	L1	L2	L3
10.00	10MM	18.10	14.00	19.50	15.00	5.50	4.00
11.00	11MM	20.60	16.50	22.00	18.00	5.50	4.00
12.00	12MM	20.60	16.50	22.00	18.00	5.50	4.00
13.00	13MM	23.10	19.00	24.00	22.00	6.00	4.00
14.00	14MM	23.10	19.00	24.00	22.00	6.00	4.00
15.00	15MM	26.90	21.00	26.00	22.00	7.00	5.00
16.00	16MM	26.90	21.00	26.00	23.00	7.00	5.00
17.00	17MM	26.90	21.00	26.00	23.00	7.00	5.00
18.00	18MM	30.90	25.00	32.00	24.00	8.00	5.00
19.00	19MM	30.90	25.00	32.70	25.00	8.00	5.00
20.00	20MM	30.90	25.00	32.70	25.00	8.00	5.00
21.00	21MM	35.40	30.00	36.00	25.00	8.00	5.50
22.00	22MM	35.40	30.00	36.00	25.00	8.00	5.50
23.00	23MM	35.40	30.00	36.00	27.00	8.00	5.50
24.00	24MM	35.40	30.00	37.40	27.00	8.00	5.50
25.00	25MM	38.20	33.00	38.00	27.00	8.50	5.50
28.00	28MM	43.30	38.00	42.00	29.00	9.00	5.50
29.00	29MM	43.30	38.00	44.00	30.00	9.00	5.50
30.00	30MM	43.30	38.00	44.00	30.00	9.00	5.50
32.00	32MM	43.30	38.00	45.50	30.00	9.00	5.50
33.00	33MM	53.50	45.00	46.50	39.00	11.50	7.50
35.00	35MM	53.50	45.00	49.00	39.00	11.50	7.50
38.00	38MM	60.50	52.00	56.00	39.00	11.50	7.50
40.00	40MM	60.50	52.00	58.00	39.00	11.50	7.50

Standard Face Materials

Rotary: Ceramic, Carbon, Silicon. Carbide, Tungsten Carbide

Stat: Carbon, Ceramic, Silicon Carbide, Tungsten Carbide

Maximum Operating Limits

PRESSURE: 160 psi **SPEED: 15m/s**

TEMPERATURE -40^0 + 180^0 C

Dependant on Shaft dia, Speed, Temp and Media to be sealed

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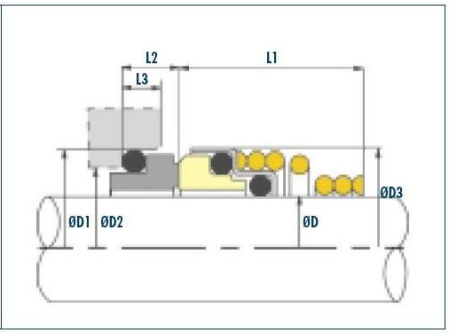
Abbey TY13DIN



Conical spring, O Ring mounted with pressed seal head and seat. Designed to suit DIN 24690 (EN12756) housings. Cost effective seal which is suitable for many duties.

Abbey Standard sizes

Shaft Size OD OD	Size Code	0D1	OD2	OD3	L1	L2	L3
10.00	10MM	21.00	17.00	19.50	15.00	7.00	5.50
12.00	12MM	23.00	19.00	22.00	18.00	7.00	5.50
14.00	14MM	25.00	21.00	24.00	22.00	7.00	5.50
16.00	16MM	27.00	23.00	26.00	23.00	7.00	5.50
18.00	18MM	33.00	27.00	32.00	24.00	10.00	7.00
20.00	20MM	35.00	29.00	32.70	25.00	10.00	7.00
22.00	22MM	37.00	31.00	36.00	25.00	10.00	7.00
24.00	24MM	39.00	33.00	37.40	27.00	10.00	7.00
25.00	25MM	40.00	34.00	38.00	27.00	10.00	7.0
28.00	28MM	43.00	37.00	42.00	29.00	10.00	7.00
30.00	30MM	45.00	39.00	44.00	30.00	10.00	7.00
32.00	32MM	48.00	42.00	45.50	30.00	10.00	7.00
33.00	33MM	48.00	42.00	46.50	39.00	10.00	7.00
35.00	35MM	50.00	44.00	49.00	39.00	10.00	7.00
38.00	38MM	56.00	49.00	56.00	42.00	13.00	8.00
40.00	40MM	58.00	51.00	58.00	42.00	13.00	8.00

Standard Face Materials

Rotary: Ceramic, Carbon, Silicon Carbide, Tungsten Carbide

Stat: Carbon, Ceramic, Silicon Carbide, Tungsten Carbide

Maximum Operating Limits

PRESSURE 160 psi SPEED 15m/s

TEMPERATURE -40^0 + 180^0 C

Dependant on Shaft dia, Speed, Temp and Media to be sealed

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