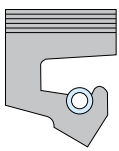
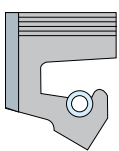
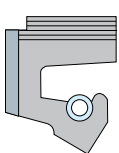
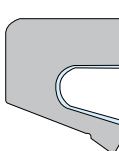
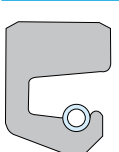


### Split Oil Seals

Split Oil Seals are most frequently used in situations where dismantling is too difficult, such as in the steel industry, paper industry, heavy excavators or marine propellers shafts.

#### ERIKS has a wide variety of Split Oil Seals

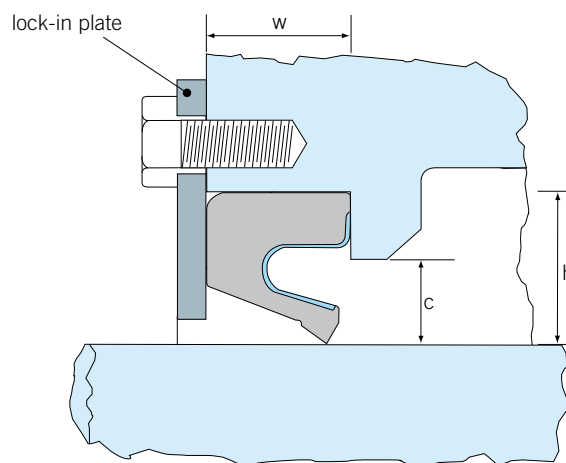
	WR5 Split: Insert fabric reinforced. Commonly used when dismantling is very time consuming, for example roller bearings in the steel and paper industry, or marine propeller shafts.
	WR6 Split: Similar to type WR35 Split, but with more grooves for optimal grease supply to the sealing lips when back-to-back mounted.
	WR7 Split: Similar to type WR36 Split, but with grooves on the whole contour.
	R-Split: Full rubber design as standard type Oil Seal, but with a stainless steel wave spring. It is available in NBR and FPM.
	VR-Split: Full rubber design as standard type Oil Seal, but with a stainless steel garter spring. It is only available in a limited number of dimensions.

ERIKS Split Seals are available in both NBR and FPM metric and inch sizes.

Split Seals cannot be mounted like the standard types (DIN), by means of press fitting in the housing. Split Seals must be locked by means of a lock-in plate (see figure).

### Type R-split

The most common type is ERIKS type R-split. This type has a full rubber profile with an encapsulated wave spring. This design is available in both metric and inch sizes in NBR and FPM.



#### Recommended profile dimensions

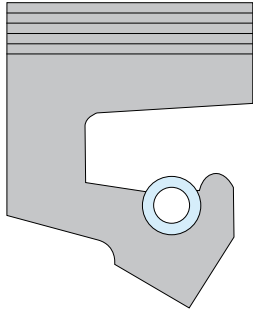
range			
Shaft diameter	Radial height	Axial height	Size
h1 (mm)	h (mm)	w (mm)	c max. (mm)
75 - 250	12,5	12,5	7,5
120 - 350	15	15	10
250 - 500	20	20	10
500 - 1500	25	20	10

ERIKS Split Seals R-split are supplied with an oversize end are flush mounted. As a result, ERIKS Split Seals type R-split, in non-pressure applications, seal reliably on the seam. In very critical situations we recommend that you lime the ends with a lime out our Sicomet program.

ERIKS R-Split Seals are easy to cut and can be tailored to suit the required size by cutting from a bigger ring

Type with insert fabric reinforcement

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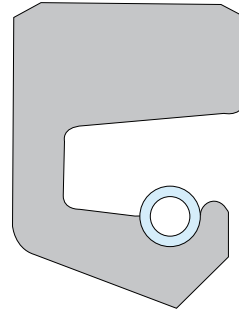
All the insert fabric reinforcement Oil Seals (general, and Split Seals) are supplied with a height size which is 0,5 to 0,6 mm larger than dimension b. The lock-in plate re-forms the Oil Seal diametrically which ensures reliable sealing on the shaft and the housing in service.

ERIKS insert fabric reinforcement Oil Seals type WR5 Split, type WR6 Split and type WR7 Split are moulded and are provided with a seam. If the desired size is not available in the list, please contact us. ERIKS has more sizes than listed. Please allow a delivery time of 8 to 16 weeks.

When assembling these Split Seals, it is necessary to remove the garter spring from the sealing lip and then re-fit it when the seal has been mounted over the shaft.

Comment: Please take into account that with this type of Split Seal, the seam, when mounted on the shaft, must be at the top (12 O'clock). Moreover, the medium to be sealed must not be above the centre line of the shaft.

Type VR split



For the assembly of these Split Seals, it is necessary to remove the garter spring from the sealing lip and then re-fit it when the seal has been mounted on the shaft.

Comment: Please take into account that with this type of Split Seal, the seam, when mounted on the shaft, must be at the top (12 O'clock). Moreover, the medium to be sealed must not be placed above the centre line of the shaft.

ERIKS Split Seals type VR-Split are manufactured completely from rubber, where the outside of the Oil Seal has a hardness of 90° Shore "A" and the inside body and the sealing lip has a hardness of is 70° Shore "A". This design as well the sealing lip is centred by a helical spring.

ERIKS Split Seals type VR-Split are available in a limited number of sizes. We recommend that you to inform us of your requirements before you choose one of these types of seals.