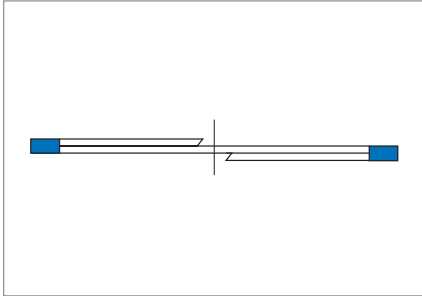


Spiral Back-Up Ring SPR



Spiral Back-Up Ring SPR

Product description

Spiral-shaped split bearing component with rectangular cross section.

Product advantages

Advantage compared to conventional back-up rings:
Even in cases where considerable temperature fluctuations occur, i.e. if there is post-shrinkage of the back-up ring, at least one turn of the spiral will be left to support the ISC O-Ring over the gap at any point around the circumference.
Also suitable for non-standard diameters, as the ring can be shortened and thus adapted to fit.

Application

Bearing component to prevent gap extrusion of radial sealing ISC O-Rings.

Material

Material	Code
Unfilled PTFE	PTFE00/F52800 or PTFE 177509

Operating conditions

Media	Temperature
All fluids used in hydraulics	-70 ... +260 °C* (only valid for PTFE component)

* according to the O-ring material used

Fitting & installation

The surface finish requirements correspond to the values stipulated; → Technical Manual.

Gap width: when using PTFE spiral back-up rings, operating pressures ≤ 40 MPa (400 bar) or gap widths up to 0,3 mm can be bridged.

Special sizes or special materials are available on enquiry.