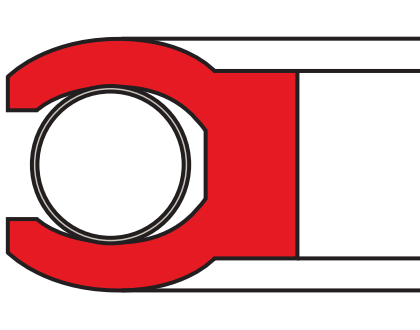


static seal ST64

seal spec



description

ST63 & ST64 are the standard seal for axial (face) applications. the seals have the same high sealing load as ST63 & ST64 and are available for both internal and external pressure. the use of the heavy helical spring makes ST63 & ST64 the best choice for vacuum, gas, and low temperature flange and cover applications.

application



category of profile

machined or molded/standard/trade product.

advantages

- high sealing pressure
- excellent sealability in gas and fluid applications
- can handle rapid changes in temperature
- good sealability on non-ideal surfaces
- easy installation
- unlimited shelf life

application

- compressor housings
- construction equipment and plant
- chemical processing
- crude oil and natural gas installations
- cryogenic engineering
- nuclear power
- aerospace
- vacuum applications
- pivot joints

medium

practically all fluids, chemicals and gases

operating parameters & materials

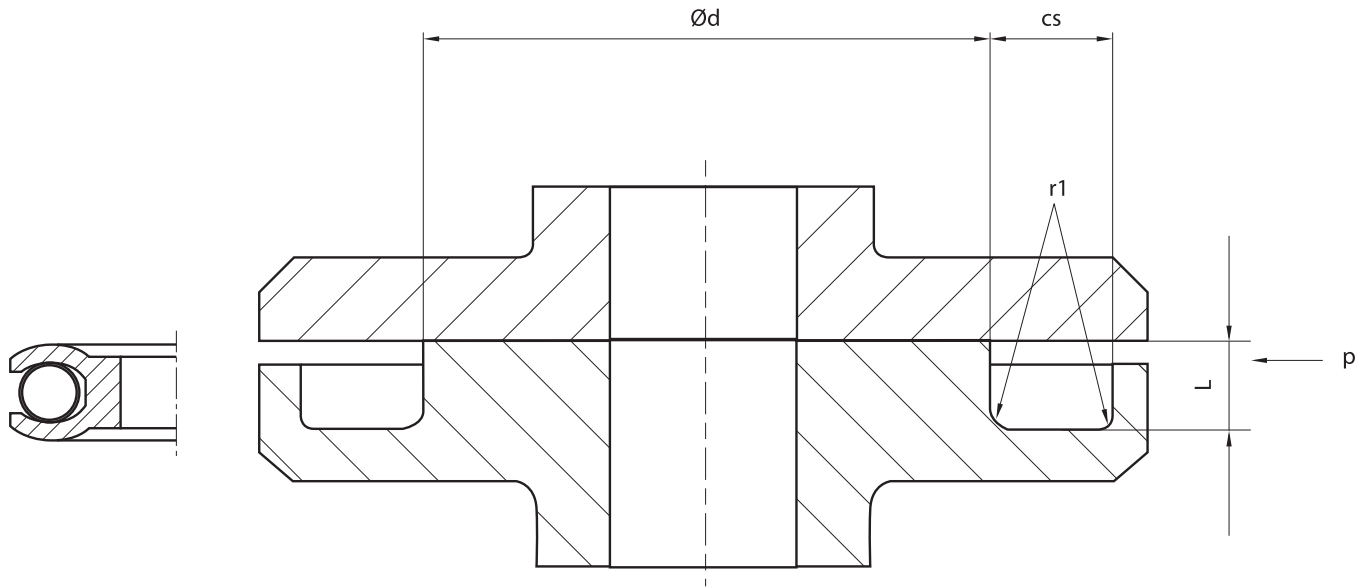
material		temperature	max. pressure for dynamic load	max. Pressure for static load
sealing	spring			
helicoil (stainless steel)		-200 °C ... +260 °C	400 bar (40 MPa)	800 bar (80 MPa)

the stated operation conditions represent general indications. it is recommended not to use all maximum values simultaneously.
surface speed limits apply only to the presence of adequate lubrication film.



seal & housing recommendations

please note that we are able to produce those profiles to your specific need or any non standard housing. for detail measurements, please see seal-mart catalog...



don't hesitate to contact our technical department for further information or for special requirements (temperature, speed etc.), so that suitable materials and/or designs can be recommended.