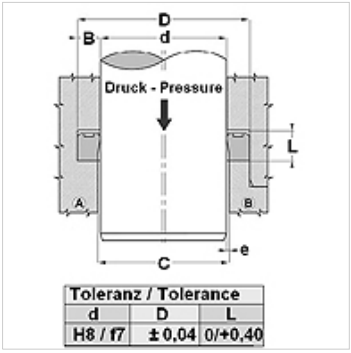
TS AI
Rod seal TS-AI

Properties

Design	Rod U-ring
Operating pressure	up to 500 bar
Sliding speed max.	0,5 m/s
Temp. min.	-30 °C
Temp. max.	80 °C
Media	Mineral oils
Installation	in closed grooves A in open grooves B
Material	(1) Seal: PUR (2) Support ring: acetal resin / PTBR
Application	Hydraulics



Spaltmaß / Clearance				
Druck bar	e (mm)			
	TS-TS...L		TS...-AI-TS...-LA	
	d<60mm	d>60mm	d<60mm	d>60mm
50	<0,40	<0,50	<0,60	<0,80
100	<0,30	<0,40	<0,60	<0,80
200	<0,20	<0,30	<0,40	<0,60
300	<0,15	<0,20	<0,30	<0,40
400	<0,10	<0,15	<0,20	<0,30
500			<0,10	<0,15



Toleranz / Tolerance		
d	D	L
H8 / f7	± 0,04	0/+0,40

Description

High abrasion resistance.
Extremely good sealing effect at low pressure.
Fast alternation of loads.

Ordering information

We are able to produce seals with diameters of 20 to 510 mm with short lead times.

Item

Identification	d (mm)	D (mm)	L (mm)
TS 25 36-AI	25	36	6,0
TS 70 80-2-AI	70	80	13,0

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.