



K94 is a single acting wiper ensuring that foreign particles are not introduced into the hydraulic system.

#### PRODUCT ADVANTAGES

- Very good wiping performance
- Simple, easy-construction groove
- No twisting in the housing
- Specially designed to prevent hydrodynamic pressure build-up
- Specially designed to provide excellent sealing against big particles, humidity and water
- Used in heavy conditions by the good mechanical properties of Polyurethane material

#### APPLICATION

Mining industry, heavy-duty , concrete pumps, mobile applications, telescopic cylinders.

MATERIAL		CODE
PU	94 SHORE A	PU9401

OPERATING CONDITIONS			
<b>MEDIA</b>	Mineral oils (DIN 51524)	HFA and HFB	HFC
<b>TEMPERATURE</b>	-35°C +110°C	+5°C +50°C	-20°C +50°C
<b>SPEED</b>	≤1.0 m/sn	≤1.0 m/sn	≤1.0 m/sn

*Note: The above data are maximum values and cannot be used at the same time.*

#### SURFACE ROUGHNESS

		Ra	Rmax
<b>Sliding Surface</b>	Ød	≤0.4 µm	≤3.2 µm
<b>Groove Base</b>	ØD	≤1.6 µm	≤10 µm
<b>Groove Flanks</b>	B	≤3.2 µm	≤16 µm

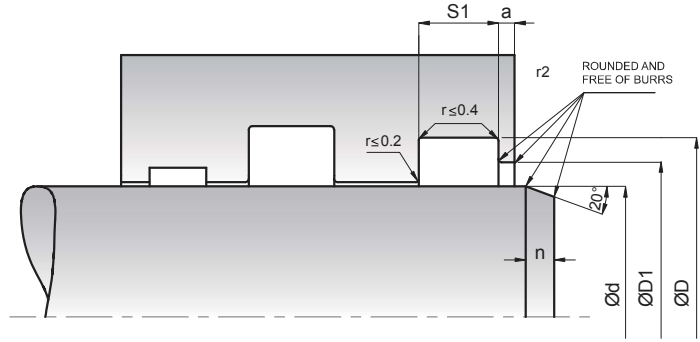
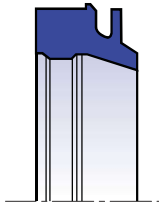
*Note: It is recommended to have 50% to 90% of the working surface material contact area value.*

#### INSTALLATION

Easily installed to closed type groove. We recommend using special assembly tool (See section; Hydraulic Sealing Elements General Installation Information). It is very important that the assembly tools must be of soft material and have no sharp edges.

# K94

## WIPER



KASTAŞ NO	d(f8)	D(H11)	D1(H11)	S1(-0/+0.2)Z	a
K94-50	50	58	55	5	1.5
K94-60	60	70	67	6.3	1.5
K94-70	70	82,6	78,4	8	2
K94-80	80	90	87	6.7	1.8
K94-80/1	80	90	87	6.3	1.5
K94-90	90	102,2	96	7.1	2.8
K94-100	100	112,2	106	7.1	2.8
K94-110	110	125	120	9.5	2
K94-120	120	135	130	9.5	2
K94-125	125	140	135	9.5	2
K94-130	130	145	140	9.5	2.25
K94-140	140	155	150	9.5	2

Please contact our customer service for the dimensions out of our stock list.