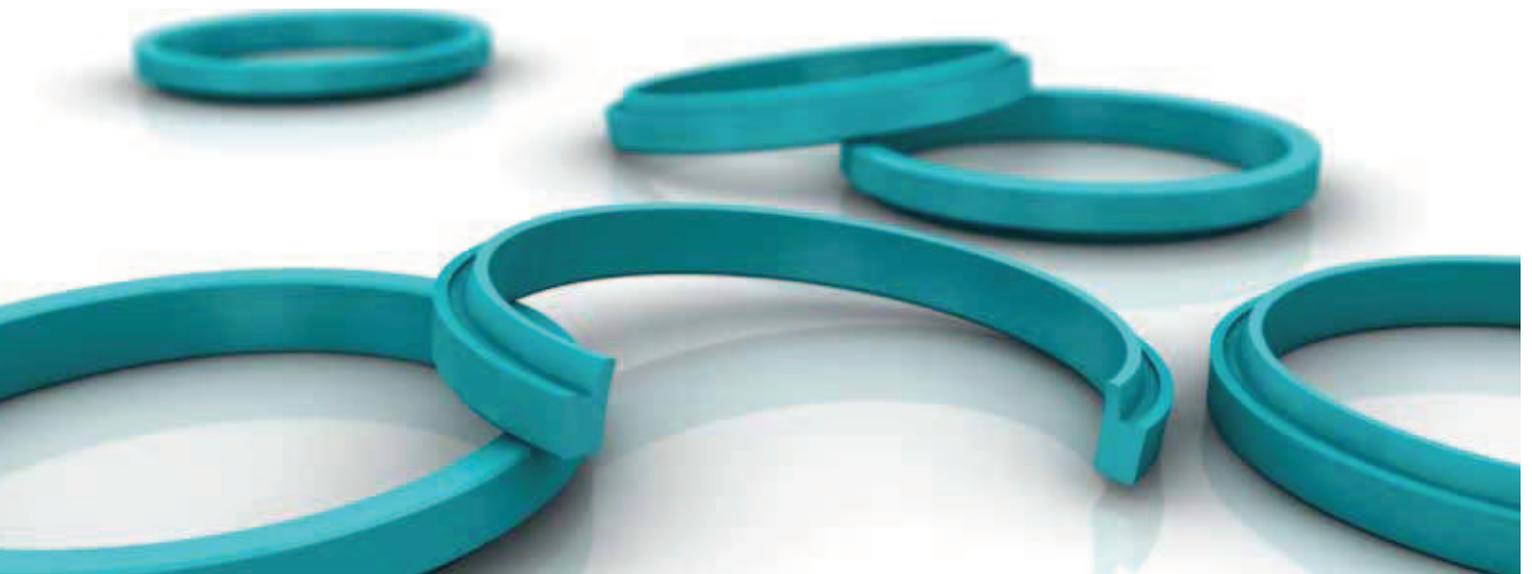

Zurcon[®] Scraper WNE



Single Acting

Dynamic + Static Sealing Lip

Material:
Zurcon[®]



■ Scraper WNE



Description

These scrapers are manufactured in polyurethane. The static sealing lip ensures against the intrusion of dirt and fluids over the outer diameter.

The scraper WNE has an interference to the groove outside diameter.

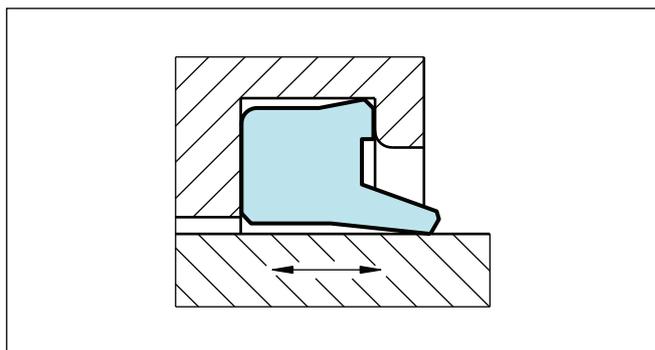


Figure 23 Scraper WNE

Advantages

- High wear resistance
- Good prevention against external fluid intrusion
- Easy installation
- Space-saving construction

Application Examples

These scrapers are recommended wherever there are dusty and humid conditions and especially for the following applications:

- Mobile hydraulic machinery
- Agriculture machinery

Technical Data

Operating conditions

Speed:	Up to 1 m/s
Temperature:	-35 °C to +100 °C
Media:	Mineral oil based hydraulic fluids
Groove type:	Closed

Important Note:

The above data are maximum values and cannot be used at the same time. e.g. the maximum operating speed depends on material type, pressure, temperature and gap value. Temperature range also dependent on medium.

Materials

Zurcon® Polyurethane:	92 Shore A
Material code:	Z201
Colour:	turquoise



■ Installation Recommendation

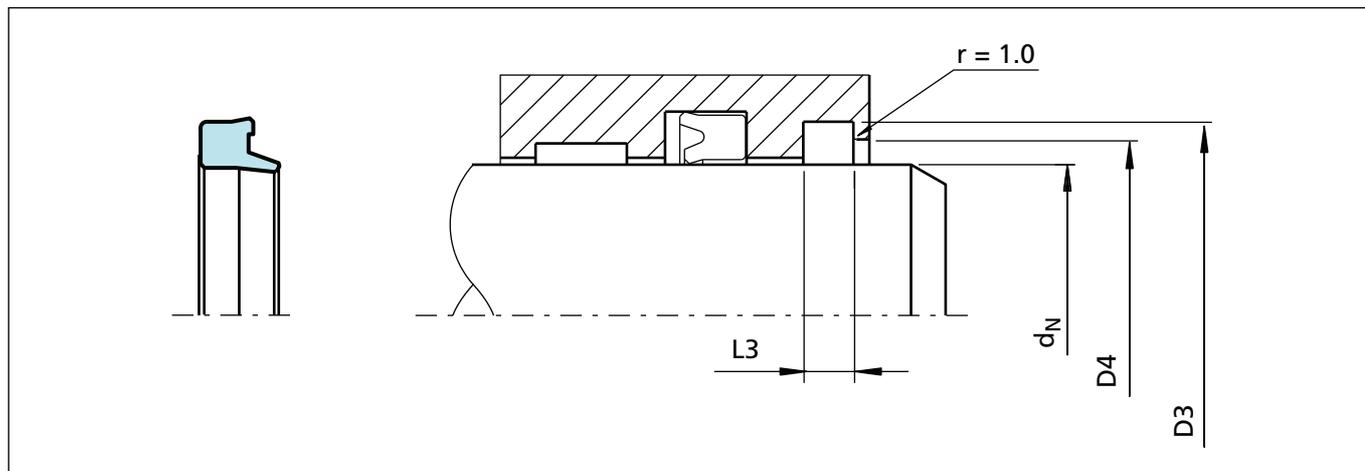


Figure 24 Installation drawing

Ordering Example

For WNE scrapers
 Rod diameter:
 Groove diameter:
 TSS Part No.:
 Material code:

$d_N = 45 \text{ mm}$
 $D_3 = 53.6 \text{ mm}$
 WNE000450
 Z201

TSS Article No.	WNE0	0	0450	-	Z201
TSS Series No.					
Type (Standard)					
Rod diameter x 10					
Quality Index					
Material code					

Table XXV Installation dimensions / TSS part numbers

Rod Diameter	Groove Diameter	Groove Width	Bore Diameter	TSS Part No.
$d_N \text{ h9}$	$D_3 \text{ H11}$	$L_3 +0.1$	$D_4 +0.2$	
8.0	14.6	3.8	11.0	WNE000080
10.0	16.6	3.8	13.0	WNE000100
12.0	18.6	3.8	15.0	WNE000120
14.0	20.6	3.8	17.0	WNE000140
15.0	21.6	3.8	18.0	WNE000150
16.0	22.6	3.8	19.0	WNE000160
18.0	24.6	3.8	21.0	WNE000180
20.0	28.6	5.3	23.0	WNE000200
22.0	30.6	5.3	25.0	WNE000220
24.0	32.6	5.3	27.0	WNE000240
25.0	33.6	5.3	28.0	WNE000250
28.0	36.6	5.3	31.0	WNE000280



Rod Diameter	Groove Diameter	Groove Width	Bore Diameter	TSS Part No.
d_N h9	D_3 H11	L_3 +0.1	D_4 +0.2	
30.0	38.0	5.3	33.0	WNE000300
30.0	38.6	5.3	33.0	WNE100300
32.0	40.6	5.3	35.0	WNE000320
35.0	43.0	5.3	38.0	WNE000350
35.0	43.6	5.3	38.0	WNE100350
36.0	44.6	5.3	39.0	WNE000360
38.0	46.6	5.3	41.0	WNE000380
40.0	48.6	5.3	43.0	WNE000400
45.0	53.6	5.3	48.0	WNE000450
46.0	54.6	5.3	49.0	WNE000460
50.0	58.0	5.3	53.0	WNE000500
50.0	58.6	5.3	53.0	WNE100500
55.0	63.6	5.3	58.0	WNE000550
56.0	64.6	5.3	59.0	WNE000560
60.0	68.6	5.3	63.0	WNE200600
61.0	69.6	5.3	64.0	WNE000610
63.0	71.6	5.3	66.0	WNE000630
65.0	73.6	5.3	68.0	WNE000650
70.0	78.6	5.3	73.0	WNE100700
75.0	83.6	5.3	78.0	WNE000750
80.0	88.6	5.3	83.0	WNE000800
85.0	97.2	7.1	91.0	WNE000850
90.0	102.2	7.1	96.0	WNE000900
95.0	107.2	7.1	101.0	WNE000950
100.0	112.2	7.1	106.0	WNE101000
110.0	122.2	7.1	116.0	WNE001100
120.0	132.0	7.1	126.0	WNE001200
125.0	137.2	7.1	131.0	WNE001250
135.0	147.2	7.1	141.0	WNE001350
140.0	152.2	7.1	146.0	WNE001400
160.0	175.2	10.1	168.0	WNE101600
180.0	195.2	10.1	188.0	WNE001800
200.0	215.2	10.1	208.0	WNE002000