

Zurcon® Scraper ASW



Single-acting

Material:
Zurcon®



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■ Zurcon® Scraper ASW

■ Description

The scraper ASW is a single-acting polyurethane scraper.

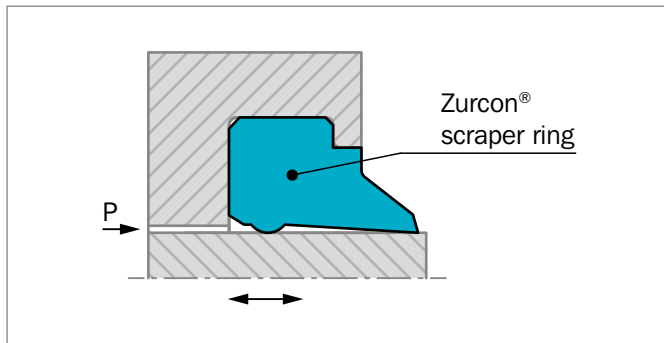


Figure 192: Scraper ASW

The special feature of this scraper is an additional supporting bead on the inner surface. It prevents tilting or twisting of the scraper in the groove. At the same time this support improves the firm seating in the groove, thus preventing the penetration of impurities via the back of the scraper. This represents a technical improvement compared with similar scraper types.

ADVANTAGES

- Simple groove design
- Very good scraping effect, wear resistant
- No tilting or twisting in the groove
- Simple installation
- Flush fitting with the outer surface

OPERATING CONDITIONS

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

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 depends on media.

MATERIAL

The standard material is a wear resistant Zurcon® polyurethane.

Standard material: Polyurethane, 92 Shore A
Material No. Z201

Color: Turquoise



■ Installation Recommendation

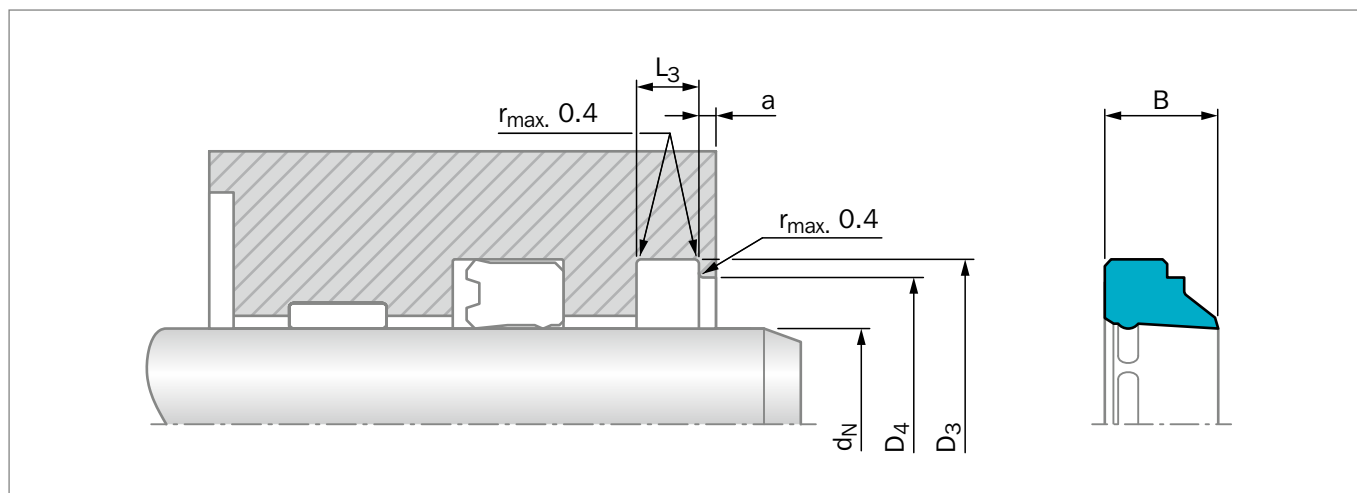


Figure 193: Installation Drawing

ORDERING EXAMPLE

Scraper ASW

Rod Diameter: $d_N = 50.0 \text{ mm}$ **TSS Part No.:** WSW000500 from Table 174**Material:** Z201**TSS Article No.** **WSW0 0 0500 - Z201**

TSS Series No. _____

Type (Standard) _____

Rod Diameter x 10 _____

Quality Index (Standard) _____

Material Code _____

Table 174: Installation Dimensions / TSS Part No.

Rod Diameter d_N f8/h9	Groove Diameter D_3 H9	Groove Width L_3 +0.2	Bore Diameter D_4 H11	Step Width a min	Width B	TSS Part No.
6.0	10.0	2.0	9.0	1.0	4.0	WSW000060
8.0	14.0	2.6	12.0	1.0	5.0	WSW000080
10.0	16.0	2.6	14.0	1.0	5.0	WSW000100
12.0	18.0	2.6	16.0	1.0	5.0	WSW000120
14.0	20.0	2.6	18.0	1.0	5.0	WSW000140
14.0	22.0	4.0	20.0	1.0	7.0	WSW100140
15.0	23.0	4.0	21.0	1.0	7.0	WSW000150
16.0	24.0	4.0	22.0	1.0	7.0	WSW000160
18.0	26.0	4.0	24.0	1.0	7.0	WSW000180
20.0	26.0	2.6	24.0	1.0	5.0	WSW100200
20.0	28.0	4.0	26.0	1.0	7.0	WSW000200
22.0	30.0	4.0	28.0	1.0	7.0	WSW000220



Rod Diameter	Groove Diameter	Groove Width	Bore Diameter	Step Width	Width	TSS Part No.
d_N f8/h9	D_3 H9	L_3 +0.2	D_4 H11	a min	B	
24.0	32.0	4.0	30.0	1.0	7.0	WSW000240
25.0	33.0	4.0	31.0	1.0	7.0	WSW000250
28.0	36.0	4.0	34.0	1.0	7.0	WSW000280
30.0	38.0	4.0	36.0	1.0	7.0	WSW000300
32.0	40.0	4.0	38.0	1.0	7.0	WSW000320
34.0	42.0	4.0	40.0	1.0	7.0	WSW000340
35.0	43.0	4.0	41.0	1.0	7.0	WSW000350
36.0	44.0	4.0	42.0	1.0	7.0	WSW000360
38.0	46.0	4.0	44.0	1.0	7.0	WSW000380
40.0	48.0	4.0	46.0	1.0	7.0	WSW000400
42.0	50.0	4.0	48.0	1.0	7.0	WSW000420
45.0	53.0	4.0	51.0	1.0	7.0	WSW000450
50.0	58.0	4.0	56.0	1.0	7.0	WSW000500
52.0	60.0	4.0	58.0	1.0	7.0	WSW000520
55.0	63.0	4.0	61.0	1.0	7.0	WSW000550
56.0	64.0	4.0	62.0	1.0	7.0	WSW000560
60.0	68.0	4.0	66.0	1.0	7.0	WSW000600
63.0	71.0	4.0	69.0	1.0	7.0	WSW000630
65.0	73.0	4.0	71.0	1.0	7.0	WSW000650
70.0	78.0	4.0	76.0	1.0	7.0	WSW000700
75.0	83.0	4.0	81.0	1.0	7.0	WSW000750
80.0	88.0	4.0	86.0	1.0	7.0	WSW000800
85.0	93.0	4.0	91.0	1.0	7.0	WSW000850
90.0	98.0	4.0	96.0	1.0	7.0	WSW000900
100.0	108.0	4.0	106.0	1.0	7.0	WSW001000
105.0	113.0	4.0	111.0	1.0	7.0	WSW001050
110.0	122.0	5.5	119.0	1.5	10.0	WSW001100
120.0	132.0	5.5	129.0	1.5	10.0	WSW001200
125.0	137.0	5.5	134.0	1.5	10.0	WSW001250
140.0	152.0	5.5	149.0	1.5	10.0	WSW001400
150.0	162.0	5.5	159.0	1.5	10.0	WSW001500
160.0	172.0	5.5	169.0	1.5	10.0	WSW001600

The rod diameters in **bold** type comply with the recommendations of ISO 3320.
Other dimensions on request.

A split groove is required up to 14 mm diameter.

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