

# Wiper Ring

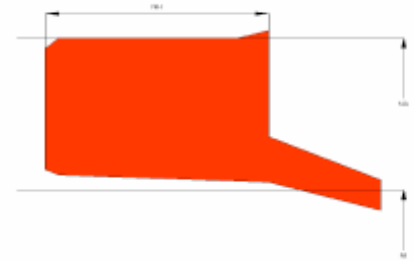
# XSWR02C

### Function:

Wipers are designed to keep dust, dirt, sand and others off the rod and the sealing and guiding elements, avoiding abrasive damage caused by external contamination.

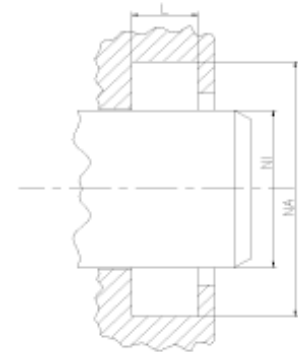
### Features:

- The profile is designed with an additional sealing lip on the OD which provides a good static fit, preventing the entry of humidity and other contamination via the outside diameter.
- Sharp sealing lip for wiping in extreme conditions (mining industry, ice,...).
- Commonly made out of hard materials such as hard grade PU.



### Application:

Reciprocation rods in hydraulic cylinders, plungers.  
 Extreme working conditions in mining industry or earth moving devices.  
 Max. pressure 0 bar, max. speed 4 m/s.



### Seal housing recommendation:

Tolerances	[mm]	
L < 10 mm	+ 0.2	
L ≥ 10 mm	+ 0.3	
Ø NA	H11	
Ø NI	f 9	

Surface roughness	Rtmax [μ]	Ra [μ]
Bottom of groove	≤ 6.3	≤ 1.6
Face of groove	≤ 15	≤ 3

Sliding surface	Rtmax [μ]	Ra [μ]
PU, elastomeres	≤ 2.5	≤ 0.1 - 0.5
PTFE	≤ 2	≤ 0.05 - 0.3

### Installation:

Snap-in installation.