



## AM 45

### Description

Product group: Wiper

Design: M with metal bonded fit

Profile no.: 54

Material: TPU 95 3401, steel acc. to DIN EN 10139

### Operational application limits

Temperature (°C): -40 to +100

Running speed (m/s):  $\leq 1$

### Media

Hydraulic oils acc. to DIN 51524 Part 1 - 3, lubricating oils, mineral oil based lubricating greases, highly non-flammable hydraulic fluids HFA, HFB, HFC acc. to VDMA 24317

### Function

The AM 54 is a single-acting wiper. Because it is pressed against the rod, dirt is wiped from the surface by the action of the rod as it retracts. On the outer diameter, a metal caged ring is vulcanised onto the TPU body.

### Installation

The AM 54 wiper can be installed in an axially accessible housing. The advantage lies in the simple design of the installation housing and practical easy installation, in particular with smaller diameters. Please note that the installation housing has to be designed with light chamfering.

### Remarks

The metal caged ring ensures the functionally correct fit of the wiper in the installation housing due to a press fit allowance. The design of the metal caged ring leaves only a small surface area open to attack by corrosive media. Wipers made of TPU are well suited for applications in mobile hydraulics which are subjected to heavy dirt loads. Due to the good wear resistance of Polyurethane, the AM 54 has a long service life. The AM 54 can also be used as a bolt wiper with swivel movements in mobile hydraulic systems.