



since  
1920  
valves  
with reliability



## ALLIGATOR Metal valve ASC-HT



### ALLIGATOR ASC-HT,

**the all-purpose metal valve for highly stressed wheels of fast cars, transporters, vehicles with high tire pressure and high temperature.**

Also the world of a tire valve has changed: increasing average speeds with resultant centrifugal force and accelerations, improved brake power and therewith increasing heat emission and last but not least increasing tire pressure demand higher standards for stability, temperature – and pressure capabilities of a valve.

### ALLIGATOR ASC – the completely new sealing concept

In traditional metal valves, the pre-load of the fastening nut is channelled through the rubber seal. Inevitable ageing and creep of the seal might lead to decreasing sealing efficiency all the way to the point the valve becoming loos.

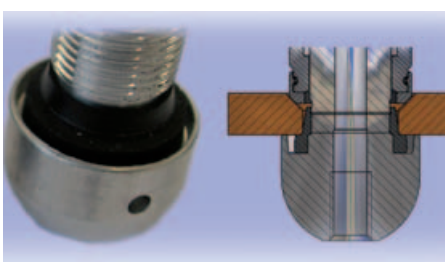
With the ALLIGATOR ASC leak-proof concept, the pre-load is led directly into the metal of the rim. The seal can perform its function independent of external forces.

### The advantages:

- ✓ Constant pressure tightness during the lifetime of the valve
- ✓ No movement of the valve under centrifugal forces: improved sealing
- ✓ No slackening of the valve through ageing of the rubber seal
- ✓ Pressure tightness also in imperfect valve hole environment
- ✓ Sealing less sensitive to wrong tightening torque
- ✓ Higher tolerance against disadvantageous rim surface

### Cost reduction through simple assembly and reduced susceptibility to problems:

- Hex-nut fits over valve cap – no dismounting of valve cap necessary
- Integrated rim – protection washer – no separate assembly needed
- no special tools required for assembly and disassembly



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## An overview of the advantages

### ASC leak-proof concept: increased safety and higher lifespan.

- 1 Top-quality sealed valve cap increases pressure tightness
- 2 Valve cap doesn't need to be taken off during assembly
- 3 Captive plastic disc protects valuable rims
- 4 High temperature-sealing for max. temperature up to 150 °C
- 5 Rounded valve base prevents tire damages during assembly
- 5 Valve base with tool slot – simple assembly and disassembly using standard tools

### Perfect optics for top-quality vehicles.



- High temperature – sealing for Max. temperatures up to 150 °C
- Pressure rated up to 14 bar
- Installation torque 4-6 Nm

Article No.	Description
512512	31 MS ASC – HT
512573	40 MS ASC – HT
512583	47 MS ASC – HT
512593	60 MS ASC – HT

For almost all customary rims with a valve hole size from 11,3 + 0,4 mm. The contact surface for valve base (Ø 17.5 mm) and nut (Ø 15.5 mm) must be flat or comply with the ETRTO standard.