

Run flat system

EP- Runflat +



**Design-Patent No.:
20 2008 008 641.8**

**Characteristic of EP- Runflat +
- technical comparison -
- economy calculation example –**

Features and benefits of EP- Runflat +

- **German product with the production plant located in Germany**
- **Environment-friendly**
 - ✓ through recycling
- **Free taking back of used, damaged rotor segments**
 - ✓ No disposal cost
- **Segments reconditioning possibility**
 - ✓ reinstallation of burdened system
- **Weigh reduction, 2- Generation products are to 20-30% lighter, proceeded in casting mould**
 - ✓ Thus higher load capacity or lesser fuel consumption is possible
- **Lesser expenditures for assembly tools**
 - ✓ Cost reduction

- **Better driving quality in case of emergency, the vehicle „floats“ less**
 - ✓ **Higher safety for passengers**

The vehicle after 100 km load test



- **Protection under fire, higher bullet resistance**
 - ✓ **Lesser consequential costs**

System after firing with NATO-Kaliber 7,6 bullets



- **Fat free assembling – self-lubricating materials**
✓ No harmful substances on tyres
- **No changes in the system**
✓ No limitation of usage period
- **Absolute UV resistance**
✓ No storage limitations
- **Dimensional stability of the system**
✓ No permanent deformations after burdening



After 100 km load test
with
Ø 50 km/h

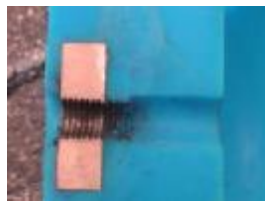


- **FINABEL- Tests have proved high resistance to abrasion**
✓ Basis for reprocessing

- **Simple assemblage, mobile assembling equipment can be used outdoor**
 ✓ **Time economy**



- **Reusability**
 ✓ **Recycling for industrial applications**
- **Lesser heat generation in case of run flat**
 ✓ **favourable friction ratio between Thermoplastic / Elastomer materials**
- **Firm joints of rotor segments through embedded metal elements**



Embedded metal joints

