

Innovation



OvalFlex Radial

New fast tool change system



EN

hard material matters



Application - customer benefits

Industries

- ☐ Aluminium wheel manufacturers

Materials

- ☐ Hypereutectic aluminium
- ☐ Hypoeutectic aluminium
- ☐ Magnesium

Typical components

Alloy wheels for

- ☐ Automobiles
- ☐ Sport utility vehicles (SUVs) and pick-up trucks
- ☐ Motorbikes
- ☐ Aircraft

Product advantages

Maximum stability through tapered oval shape



Tool life increased up to 100%



Thanks to radial clamping, changing the whole head is quicker than changing the insert



High flexibility through modular structure



Maximum process security



YOUR benefits

Economic machining through high cutting data

Fewer insert changes
Reduced downtime

Time saving of approx. 50%

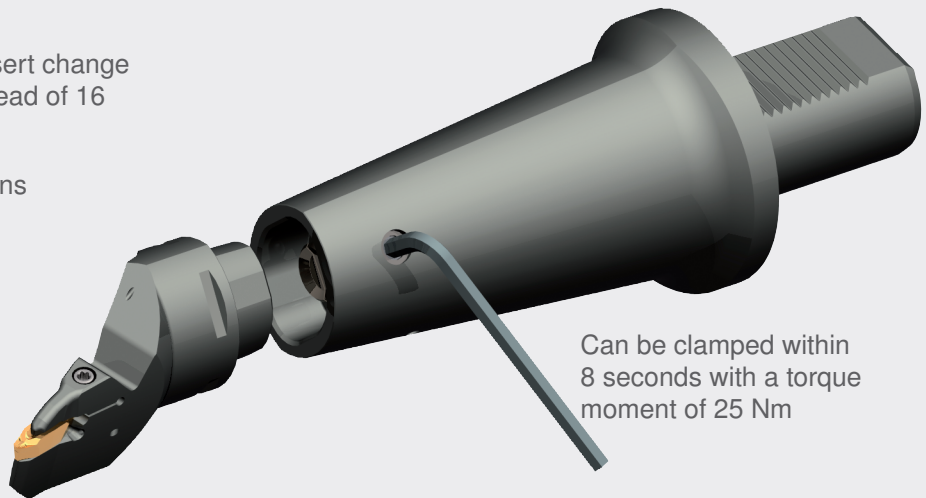
Reduced storage

High productivity through stable production process



Maximum performance

- ☐ Easier change in the machine through radial clamping
- ☐ Only about 3 turns with a torque moment of 25 Nm
- ☐ Change of head instead of insert change (takes approx. 8 seconds instead of 16 seconds)
- ☐ Tested under hardest conditions



Can be clamped within 8 seconds with a torque moment of 25 Nm



OvalFlex Radial clamping is available as semi-standard.

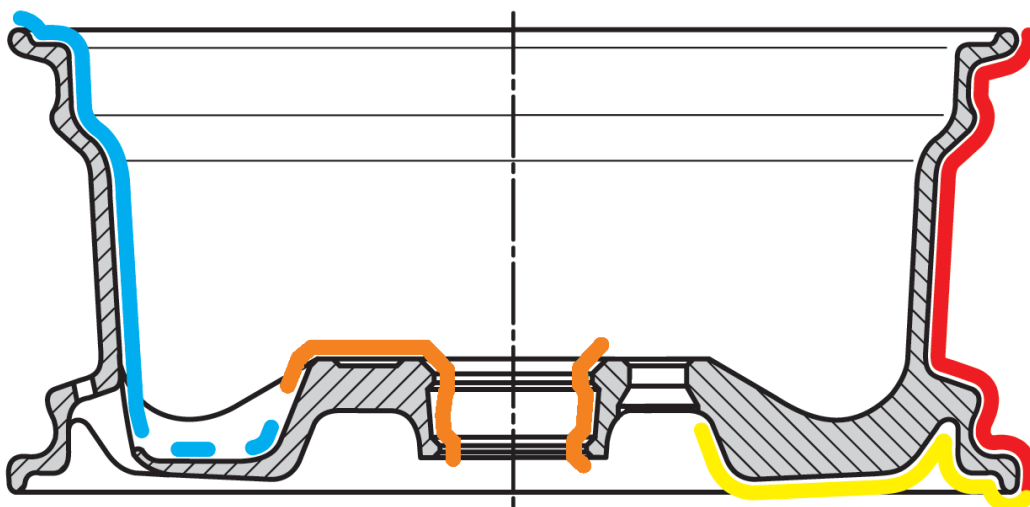
OvalFlex system

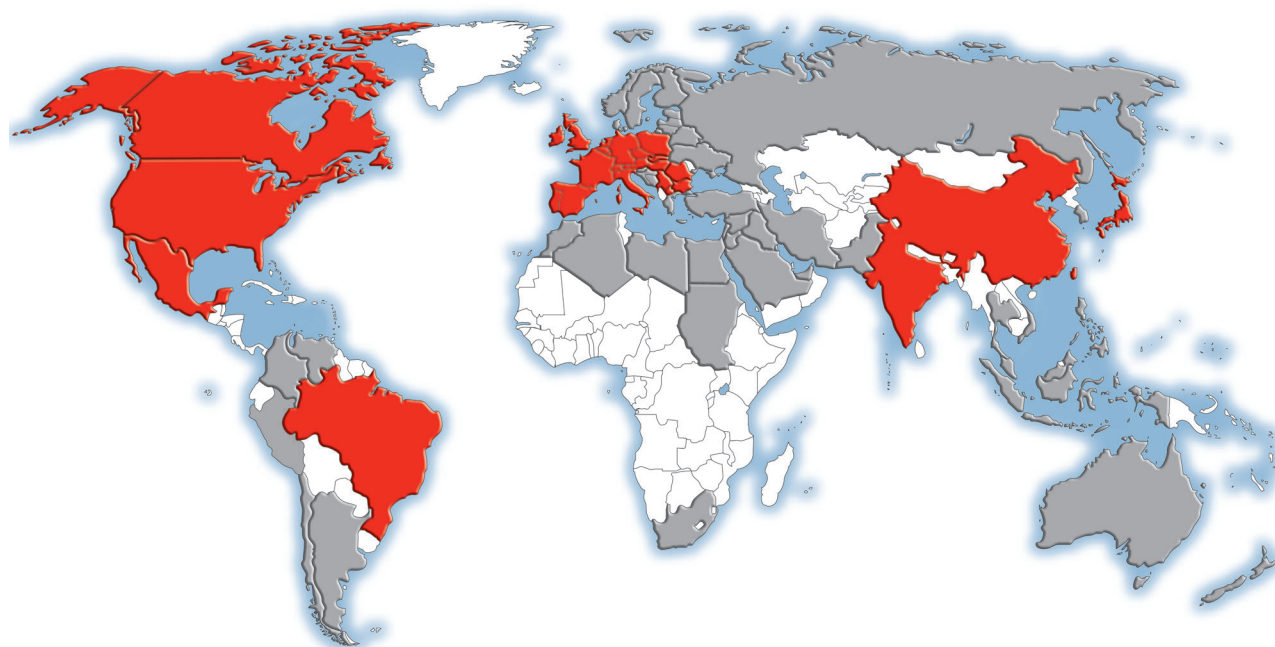
Overview of applications

For entire program see catalogue No. 391.



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|--|--|
| ■ External profile | ■ Location face and hub profile |
| ■ Internal profile | ■ Visible surface and polish-turning |





- CERATIZIT worldwide production sites and support centres
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www.ceratizit.com

**Parent company in
Luxembourg**

CERATIZIT Luxembourg Sàrl
Route de Holzem 101
L-8232 Mamer
Tel.: +352 312 085-1
Fax: +352 311 911
E-mail: info@ceratizit.com
www.ceratizit.com

Contact for further information:



We reserve the right to make technical changes
for improvement of the product.