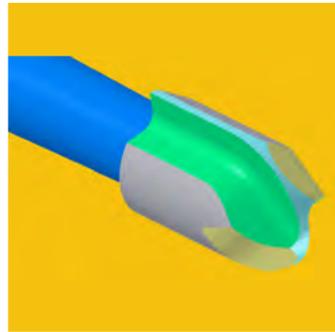
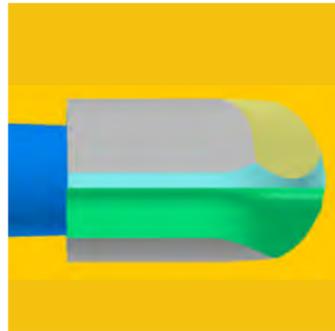
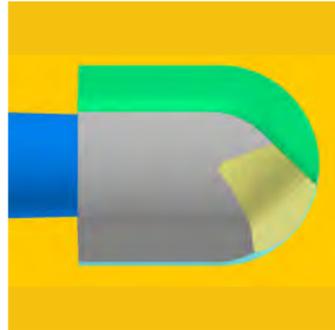


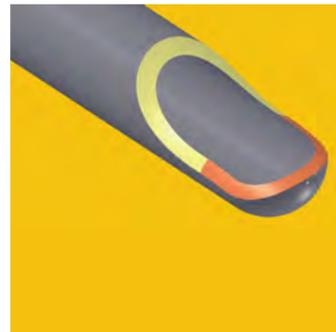
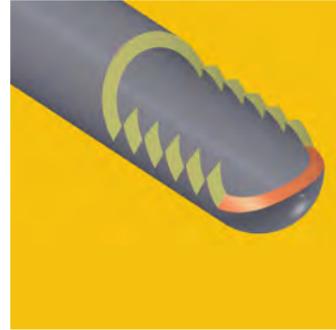
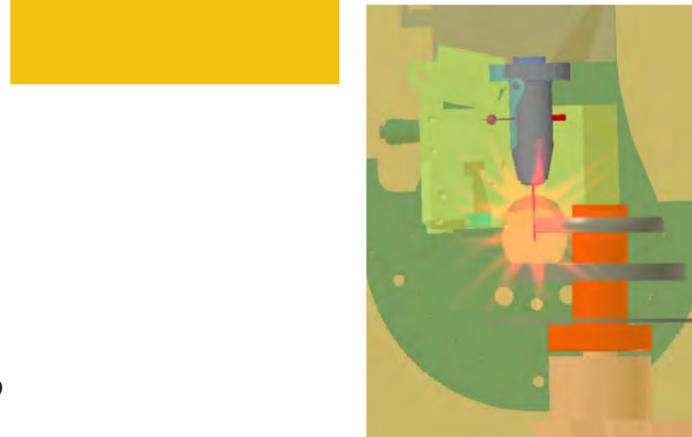
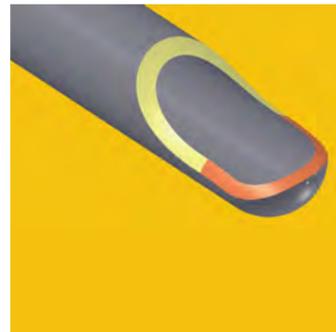
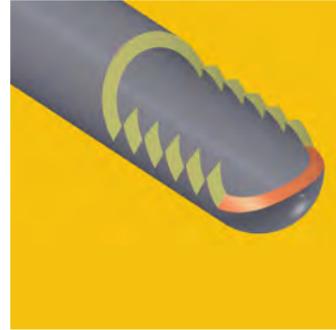
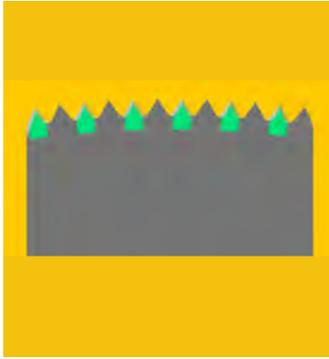
Neuro Drills:

Also for neuro drills a special module was developed. Through a cleverly placed chamfer in the ball area on the part a round outer shape is achieved with a straight grinding wheel profile. Optionally, however, a circular profile on the grinding wheel could be used.



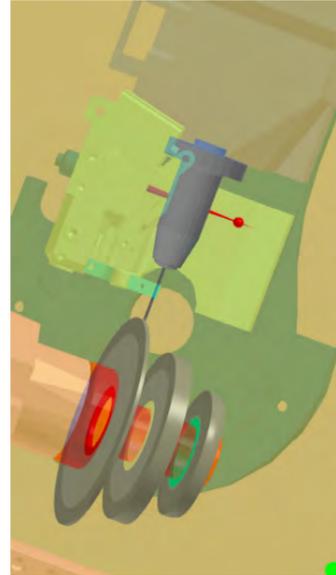
Bone saws:

The bone saws are ground into a flat blank piece. The 6-axis kinematics enables collision-free grinding of the saw blades in one clamping with shortest axis movements.



Machine Simulation:

An optional Machine Simulation detects collisions before the program is run on the machine K360Med.



K 360 Med

Precise
Intuitive
Dynamic

Are you interested?

Visit us!

We would be pleased to introduce our grinding solution!



Kirner Maschinenbau GmbH
Gutachstrasse 17-19
D- 79822 Titisee-Neustadt

Telefon: 0 76 51 92 26-0
Telefax: 0 76 51 92 26-28
info@kirner-maschinenbau.de
www.kirner-maschinenbau.de

Gestaltung: www.fox-grafik-design.de

K 360 Med

Our market known grinding center K360HS was developed further specifically for the medical tools. A setup program guides you step by step through the setup of your work piece. The change of mechanical parts is a „plug and play“. The grinding wheels are measured using a presetter. This meant that the setup time can be shortened to 10 minutes!

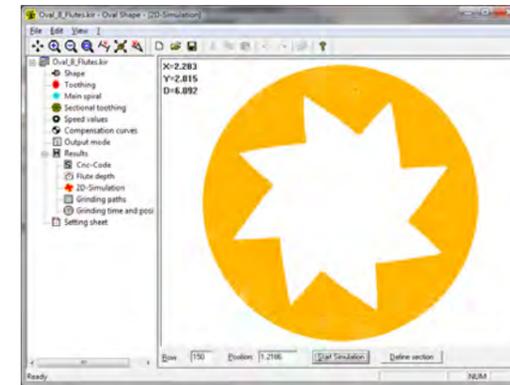
With our optimized 6-axis kinematics, many shapes with radii are ground highly effective because of the grinding point is not left. Radii are mapped by a rotary axis.



Work piece with chipbreaker:

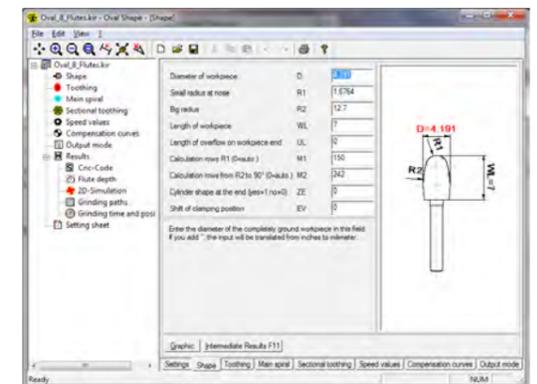
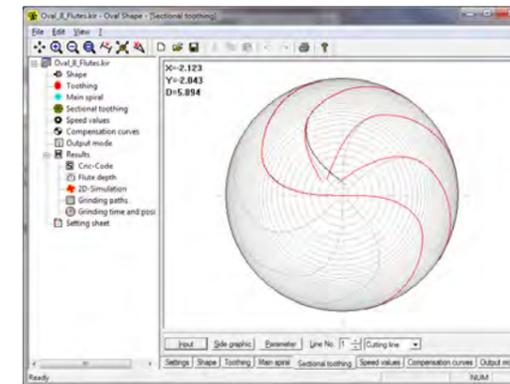


Some application examples:
Rotary Burrs / Dental Burrs:



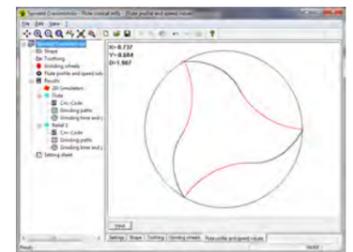
In our grinding software *KIRNER BURR.Soft*® a 2D simulation is already integrated. The flute calculation in *KIRNER BURR.Soft*® produces sharp teeth in the area of the small radius and a very nice transition into the area of the large radius.

All parameters can be adjusted graphically supported individually. The optional 3D simulation creates a very precise model of the removal.



Spiraled Craniotom:

In *KIRNER BURR.Soft*® a constant rake angle along the cone shape can be defined. The division angle, helix angle and rake angle can be defined differently for each flute.



Straight Craniotom:

KIRNER BURR.Soft® contains a special module for this type of tool. The straight craniotom can also be defined with only one cutting edge.

