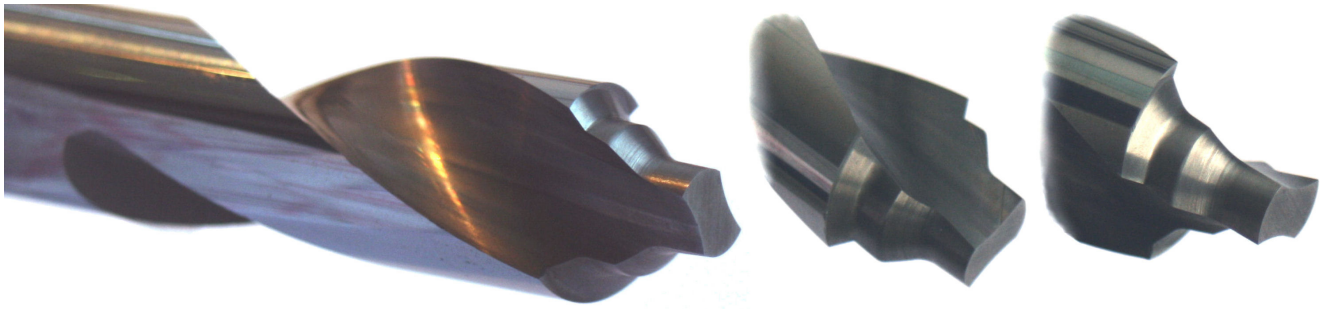
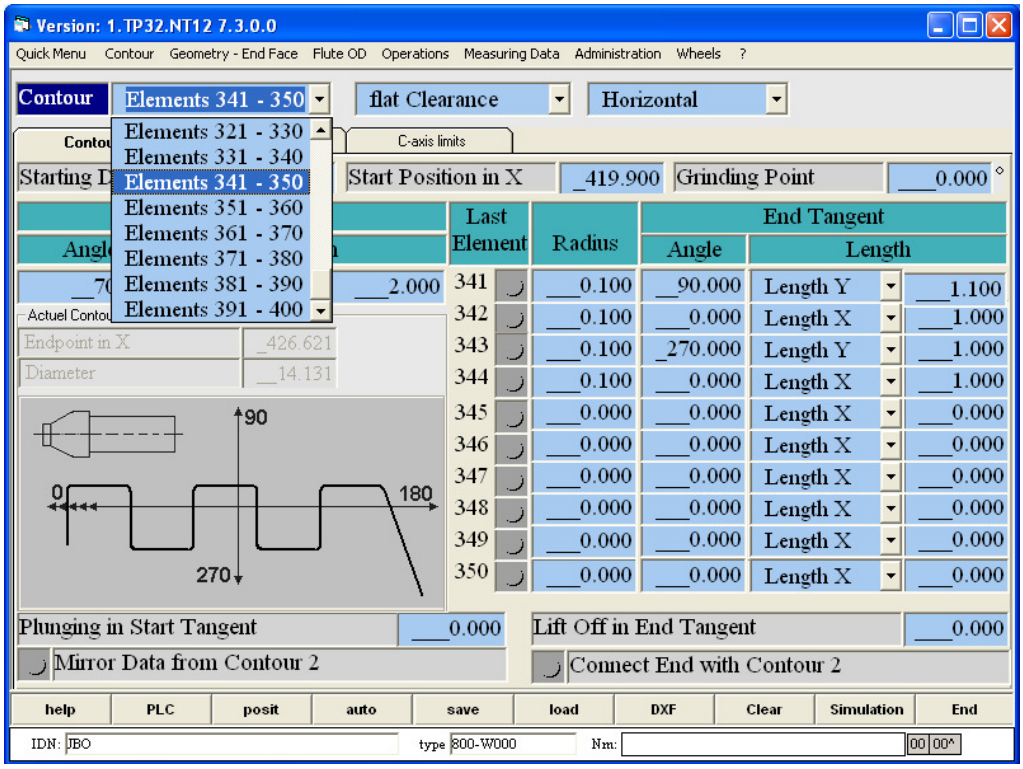
innovation
meets
experience

LCL Software

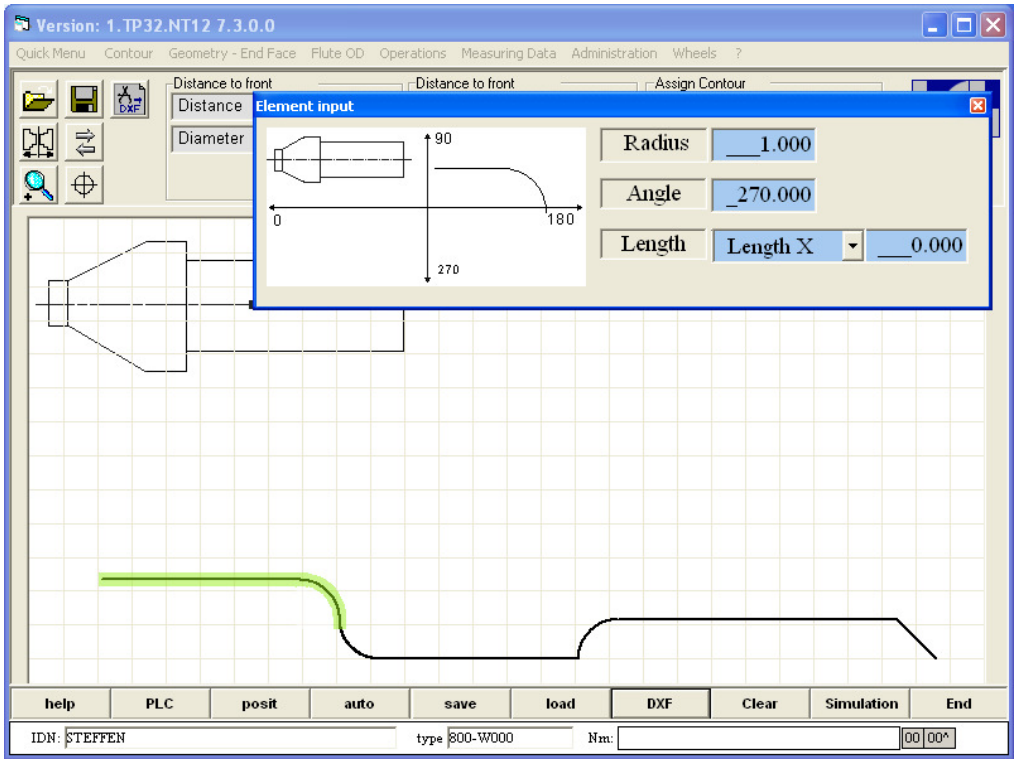


LCL Contour (P32) News March 2012

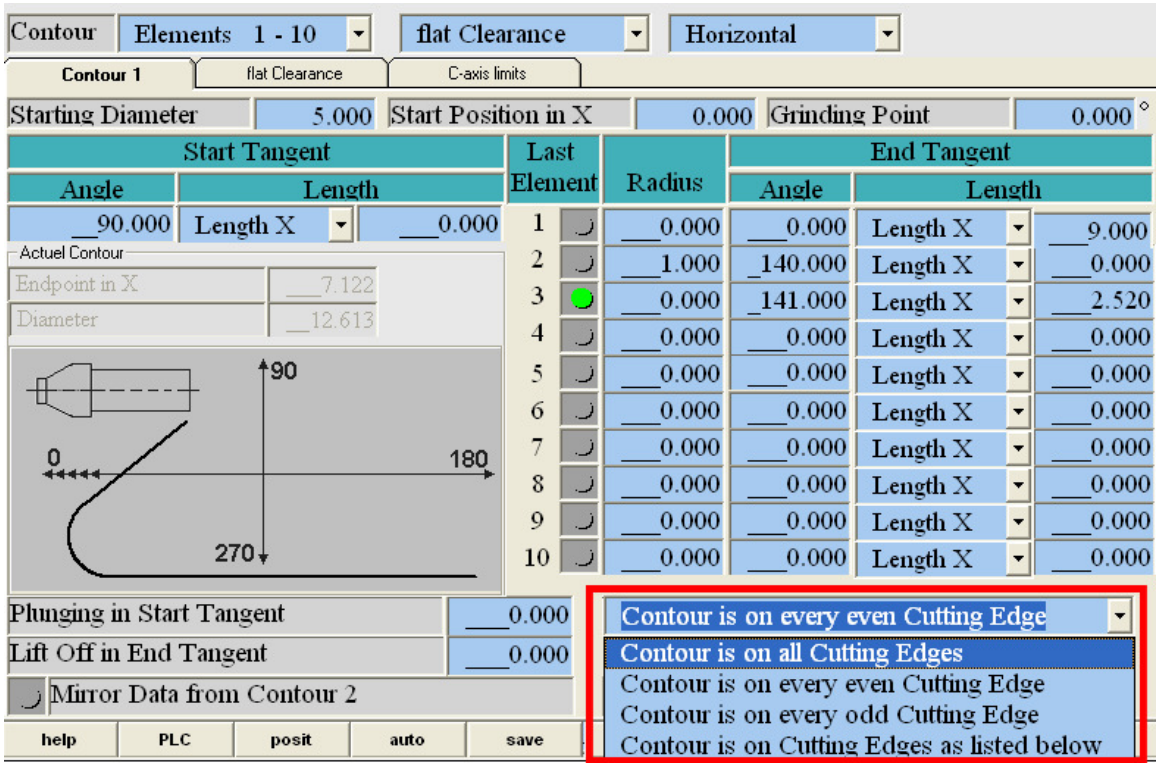
The number of elements for each contour has been increased up to maximum 400 elements. Of course you can import them with a dxf-File.
Now it is possible to grind complex contours in one movement.



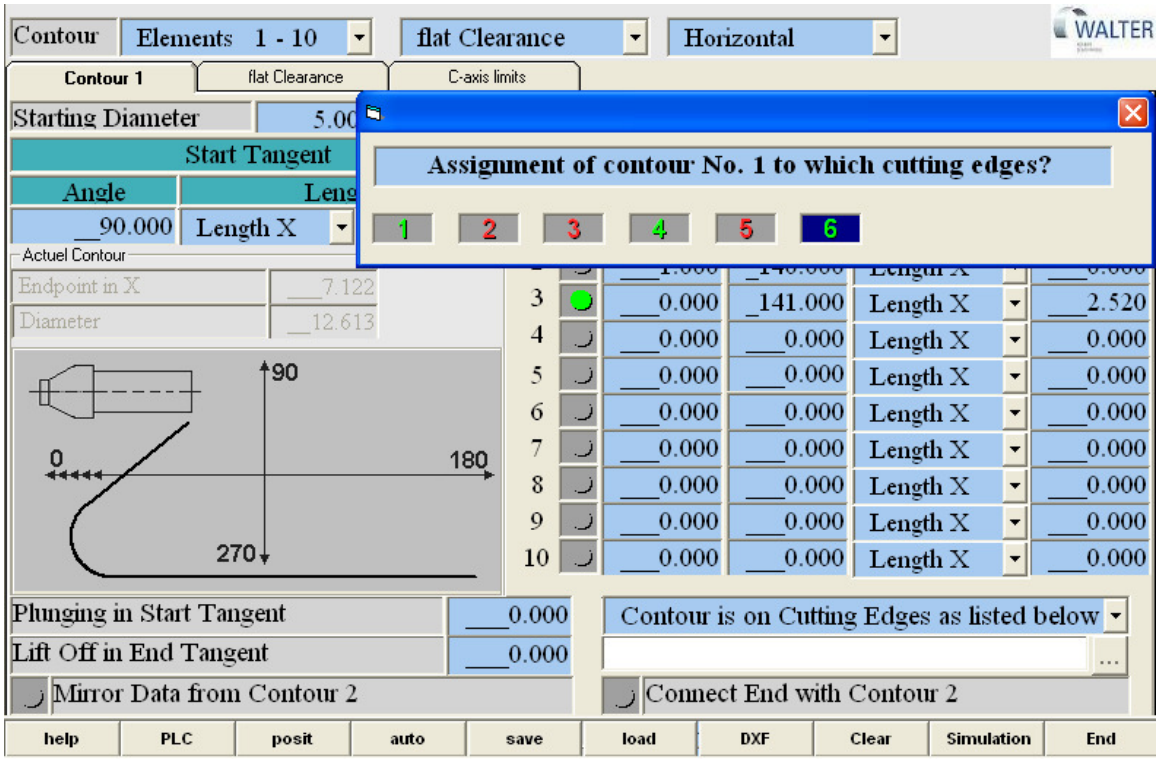
To keep the overlay comfort we developed an integrated profile editor. Editing an element is now very easy.



Coutours per cutting edge

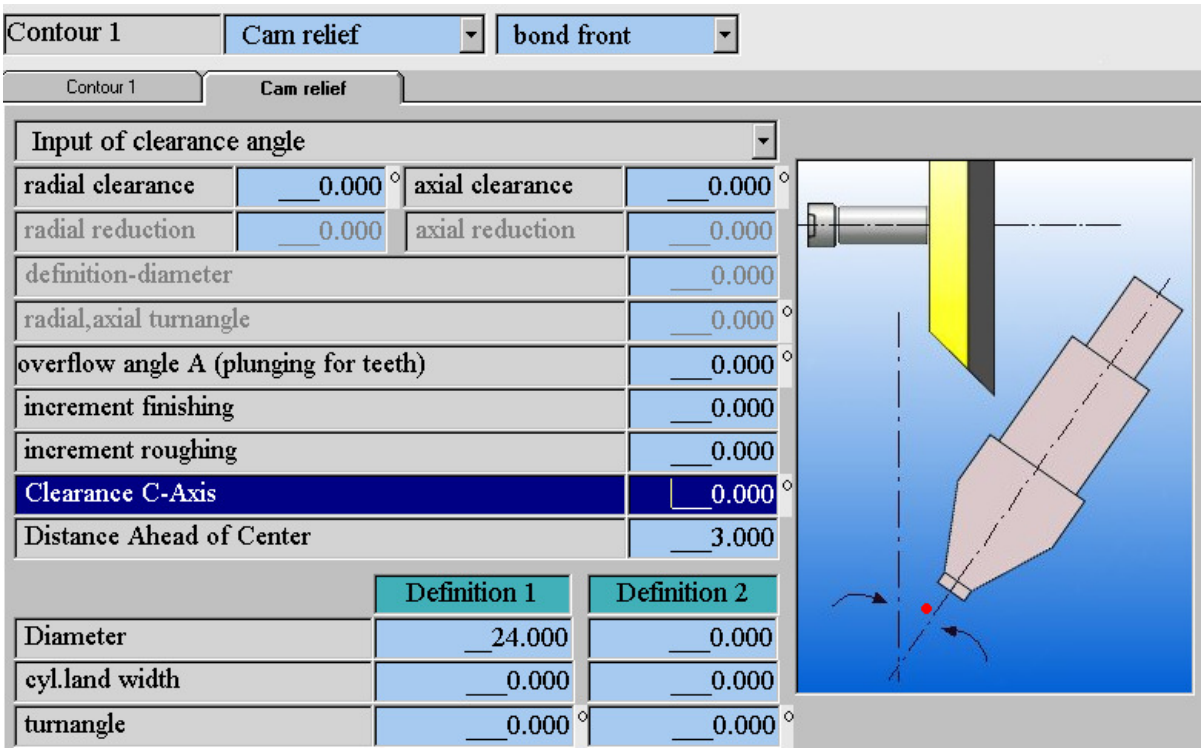


This is the input mask where you can choose on witch cutting edge youn grind the

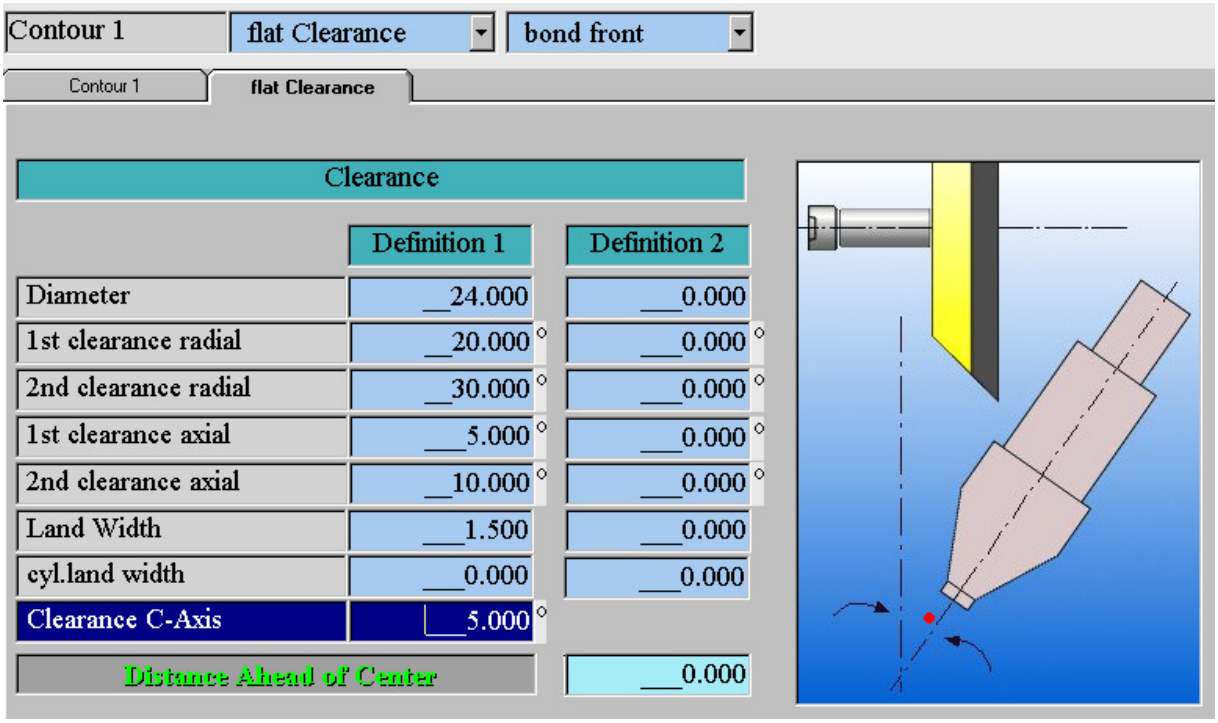


Innovations from version 5 to version 7

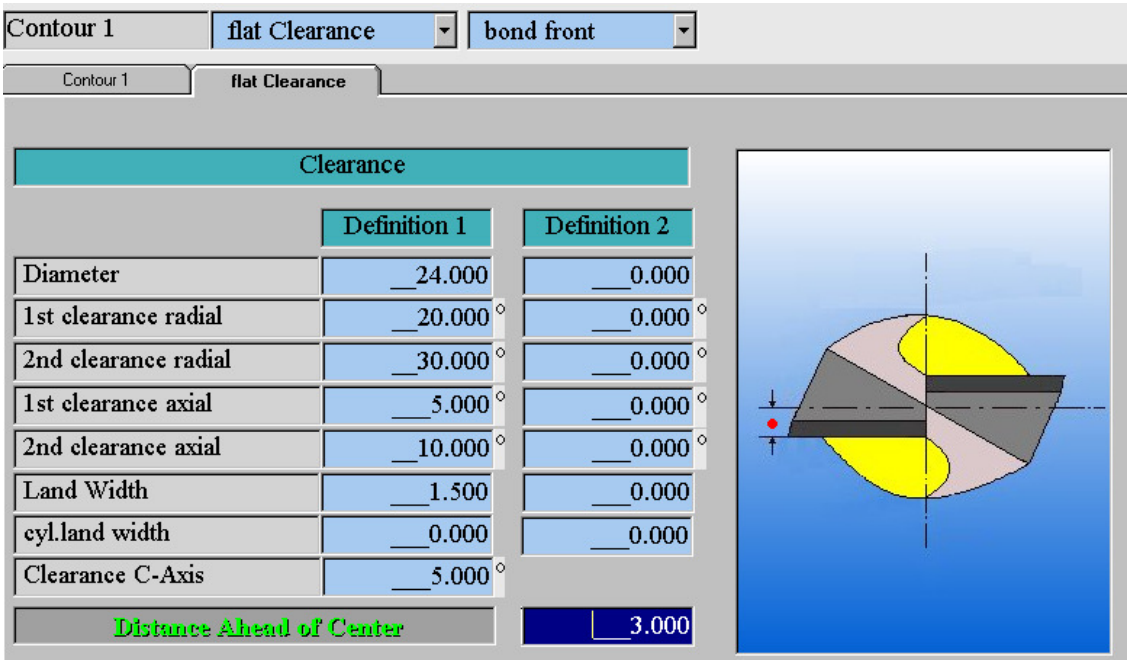
New grinding method cam relief - alternatively with bond front (the clearance of the grinding wheel is presettable) or horizontal



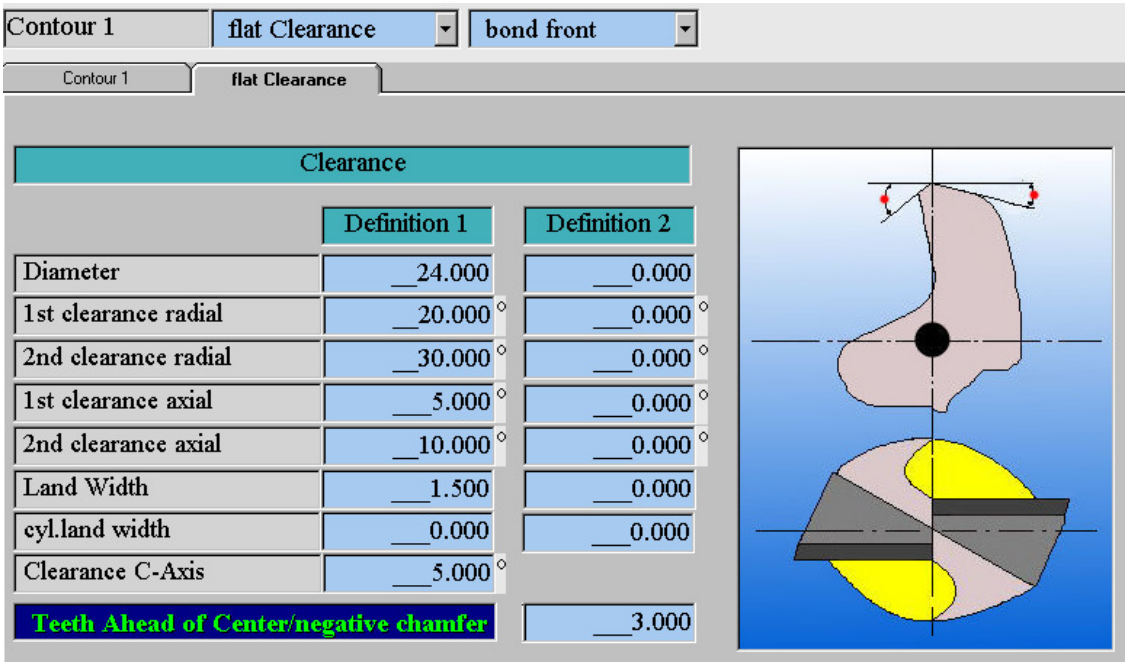
New grinding method „flat clearance“ – the clearances are not grinded with hollow grind. They are grinded with the front bond of the wheel.



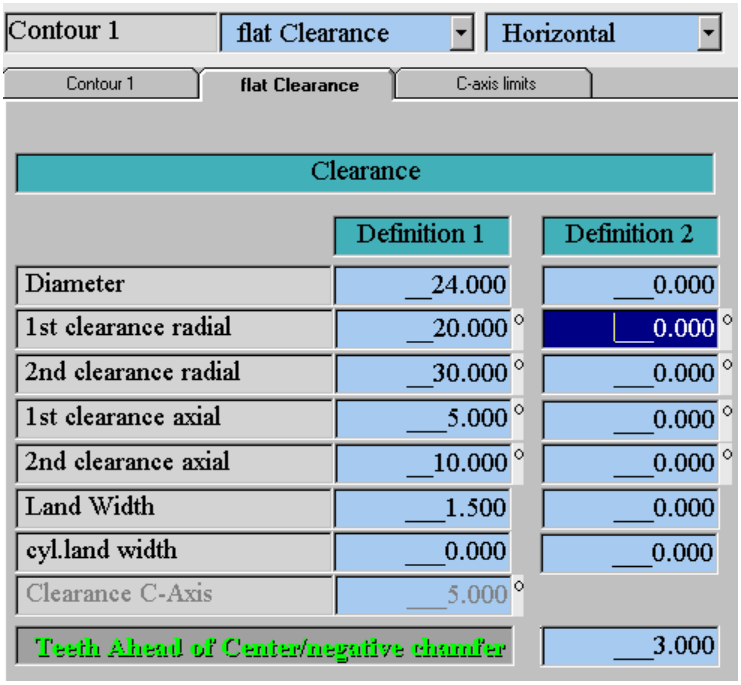
Front teeth can be probed „ahead of center“. It can be grinded with all grinding methods.

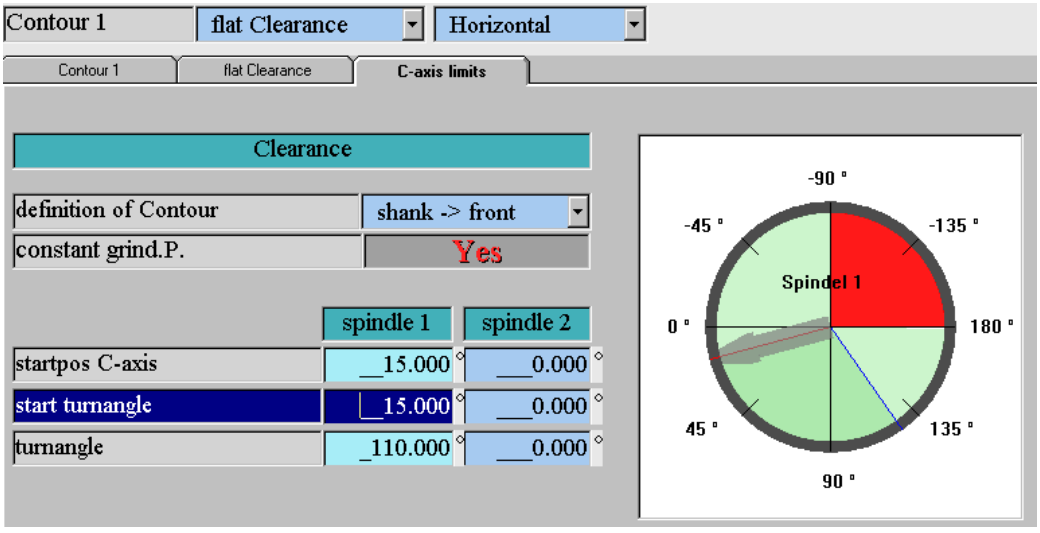


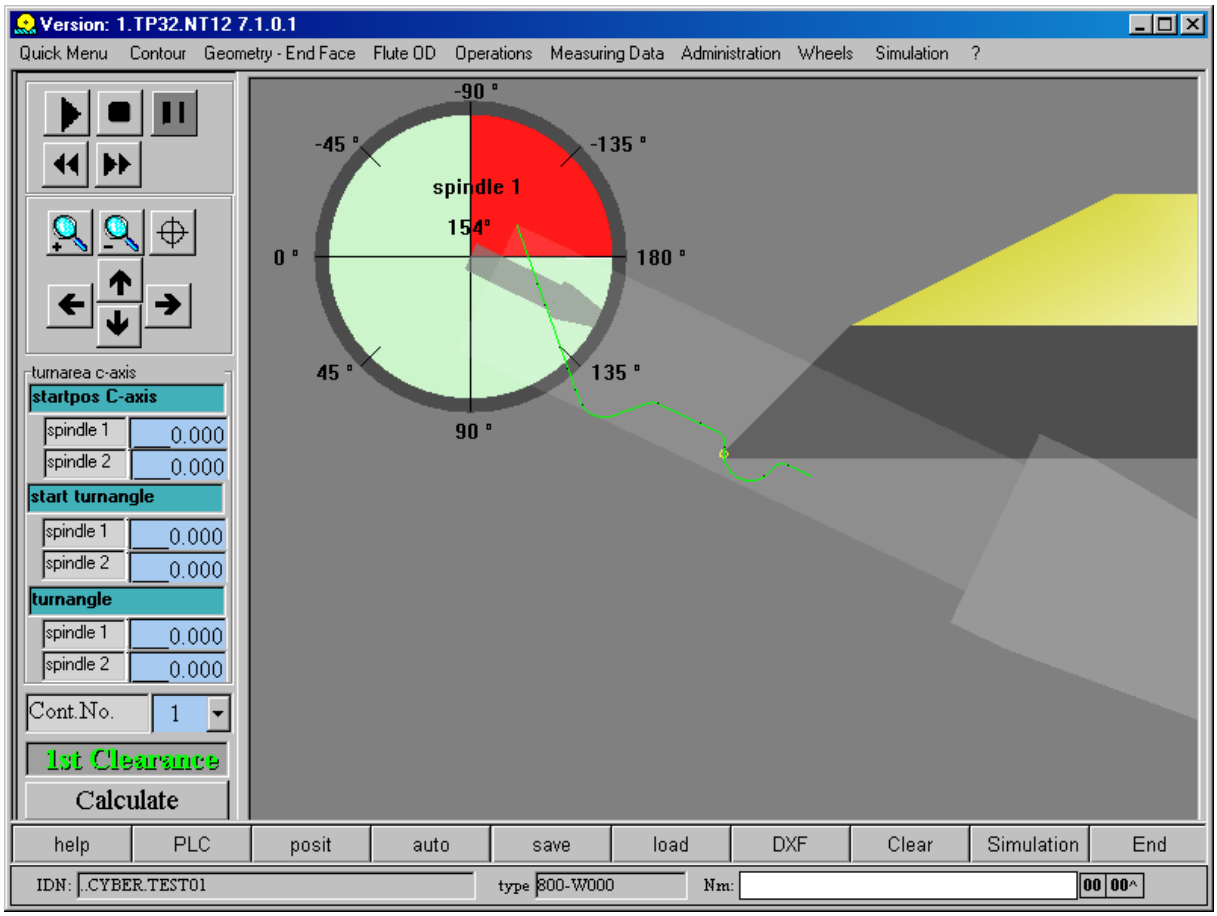
New grinding method „front teeth ahead of center with negative chamfer“
The 1. clearance will be grinded negative. The cutting edge will be generated at the transition of 1. and 2. clerance.



Revision of the overlay :
- grinding method and cutting edge geometrie for each contour
- generation of clearance angle with cylindrical land width
- c-axis limits with graphic on the contour page







Improvement of the 2-D simulation for a better display of the wheel setup

LCL Software GmbH
Bahnhofstraße 22
72116 Mössingen
Germany

Kontakt
Tel.: +49 (0) 7473 / 9530470
Fax: +49 (0) 7473 / 9530479
info@lcl-software.de
www.lcl-software.de