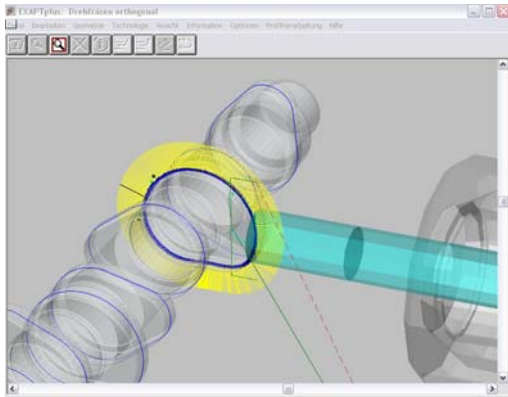
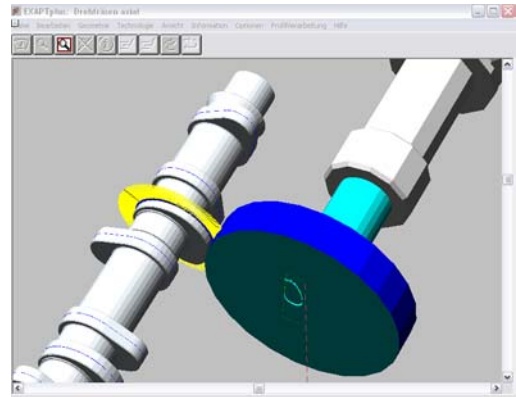


EXAPT solution for turn-milling

NC programs for turn-milling can be generated with EXAPT, namely for orthogonal and also for axial adjustment of the tool.



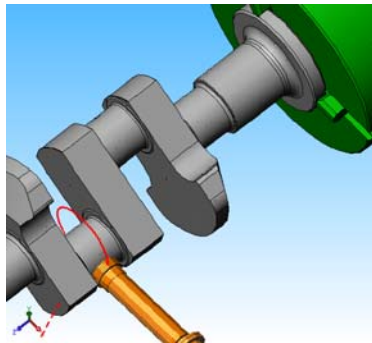
Turn-milling of a camshaft with orthogonal tool assignment in transparent display with normal vectors (yellow) on the profile curve (blue)



Turn-milling of a camshaft with axial tool assignment in shaded display

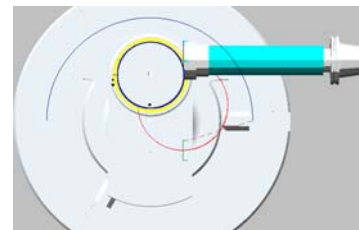
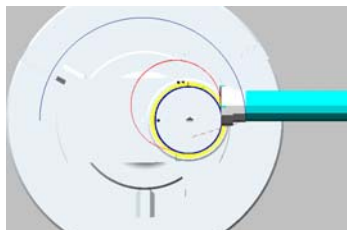
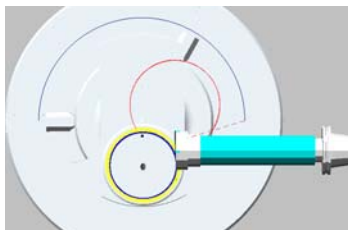
Especially in the orthogonal turn-milling of crankshafts there will also be considered the procedure-specific boundary conditions to get the positioning of the tool and the approaching, plunge and retract motion for the exact production.

The visualisation of the procedure can be made in the overview



*Turn-milling of a lifting spigot
Total view with display of the tool/workpiece tangential circle (red)*

and in detailed displays.



Kinematic sequence of tool/workpiece position in a sectional drawing