



	CrashGuard Studio Basic (CGS)	Measurement technology	Special cycles	iControl	WFL GearCAM
Content	<ul style="list-style-type: none"> CGS Basics How to use CGS Editing models for CGS MillturnPRO and its applications Project creation Simulation <p>Software solutions:</p> <ul style="list-style-type: none"> Tool management Tool identification Virtual magazine Tool data archive etc. 	<p>We have a close look at the measurement applications and WFL cycles you would like to practice.</p> <ul style="list-style-type: none"> Determination of the zero shift with measurement cycles Measurement and correction of diameters and lengths Determination and correction of measuring positions Geometry Health Check: Checking the position of the turning-boring-milling unit in relation to the turning center Geometric compensation: Calculating the position correction of the turning-boring-milling unit Run-out measurement Checking the position of the steady rest Surface measurement Scan and correction of profiles Ultrasonic measurement 	<p>Due to a needs-based cycle configuration, branch-specific requirements are handled quickly and efficiently.</p> <p>An experienced trainer supports you in developing a possible machining concept with WFL special cycles for your individual application.</p> <p>Special applications:</p> <ul style="list-style-type: none"> Machining of eccentric workpieces Emergency retraction routines in case of power failure or overload in one or several axes (iControl) Actuating tools can be used to create rotationally symmetric turning contours on a stationary workpiece. 	<p>The safety of a workpiece, tool and machine is a central objective in every machining process.</p> <p>Due to the separate registration of all cutting force components in process monitoring, tool breakage is, for example, reliably detected.</p>	<p>WFL GearCAM is a programming software for various gearing solutions, e.g. spur and bevel gears. The training covers the different functionalities of GearCAM such as the definition of machining strategies and tools from the integrated tool database, roughing strategies, deburring as well as the final simulation.</p> <p>Your benefits:</p> <ul style="list-style-type: none"> Flexible process Very precise, good graphics Easy to use Short processing times Utilization of the stable and highly precise B-axis Utilization of the large Y axis stroke
Learning Goal	Creation and simulation of NC programs	Increasing process reliability and productivity with WFL measuring cycles	Application and programming of special cycles	Application and use of iControl. Increasing process reliability of existing and future programs.	Quick and easy programming of gears
Duration	3 days, 6 hours each day	upon request	upon request	6 hours	upon request