

Increase your productivity for repeatable parts for automated Milling processes













Maximize performance training

Milling Advanced programming

article n°200010781 (at GF site) article n°200010782 (at customer site)

Duration	Number of participants	Experience level	Requirements	Machines
2 days	4	Confirmed	Basic programming 5-axis machining	MILL P, HPM - MILL S/X, HSM



What are the course contents?

- + iTNC530 or TNC640 or TNC620
- + Logical operations (If...then)
- + Conditional and unconditional jumps
- + Branching in programs and outside of the program
- + Program section repeats
- Nesting techniques
- Milling cycles for contours and technical curves (e.g., ellipses, spirals)
- + Letter engraving program

What is the course objective?

 Learn additional and specific knowledge to become a Milling expert

What are the course benefits?

- Create cycle-type machining sequences
- Program Milling operations of plane curves with mathematical functions
- + Combination of Q parameters and HEIDENHAIN cycles
- ◆ Use the functions FN 16, 17, 18, etc...
- Manage and automate complex part measures
- Save preparation time by automation of complex measurement
- + Allow traceability of machining information

