

KOMET® BRINKHAUS ToolScope on the Sinumerik 840D pl



Prerequisites for displaying in the control panel (not required if there is a touchscreen)

- Sufficient processing power of the control panel (Recommendation: CPU: Pentium® 166 MHz, RAM: 64 MB)
- Memory usage on the hard drive
- 500 KB with Windows® 95, otherwise 100 KB
- MMC 103, PCU-50 or PCU-70
- Network connection on control panel computer or a free ISA/PCI port Ports can be added using expansion modules (e.g. for MMC103: 6FC5 247 - 0AA02 - 1AA0)
- Operating system Windows® 95 / NT / XP / Vista / 7

Additional prerequisites for using the internal machine sensor system (e.g. torques/target position values)

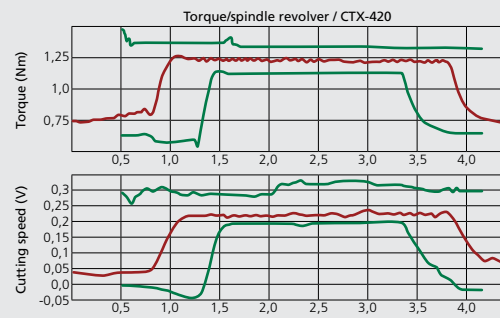
- Installed or installable compile cycle „Tool and Process Monitoring“ OR at least 1 available static synchronous action
- SIMODRIVE® 611D based drive system
- Profibus interface to the NCU
- Control hardware: SINUMERIK® 840D with the NCU 572.3 or 573.2 or higher, from NCU 573.5 using the compile cycle; storage: min. 32 MB
- When using the compile cycle: Control software requirements - for NCK software versions 06.04.XX, 07.XX: Tool and process monitoring compile cycle retrofitted as a license file by KOMET® BRINKHAUS

Based on specific information about the locally installed hardware, we can check if there are reasons why an installation may be obstructed.

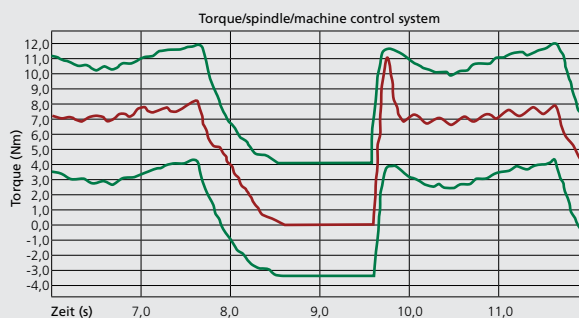
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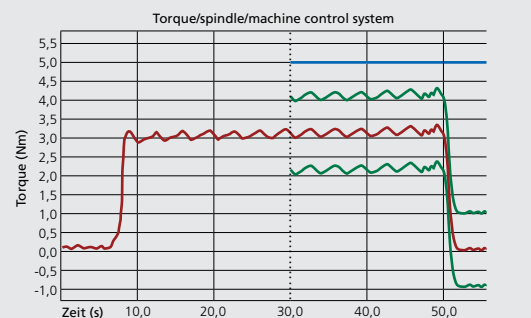
Reliable break detection by means of parallel evaluation of multiple sensors – without user adjustments



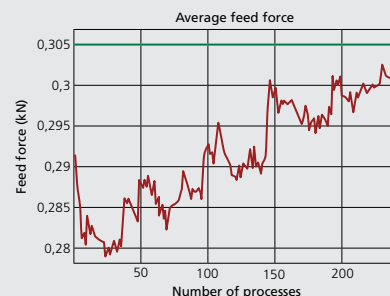
Self-learning tolerance limits



For small batch sizes: Automatic teach-in during the first process



Reliable wear detection – utilising tools cost-effectively



Detected chipping during deep hole drilling

