

KOMET® BRINKHAUS ToolScope on the Heidenhain iTNC



With the Heidenhain controls, visualisation is possible in the HMI.

Prerequisites for display in the control panel

- iTNC 530 as 2-processor variant with Windows® installed in parallel (available with MC 422 B main computer)
- Memory usage on the hard drive 100 KB
- Operating system Windows® 2000, XP or higher

OR

- Control: iTNC530 HSCI minimum software version: 60642x-0
- Control: iTNC640 HSCI minimum software version: 34059x-01
- Any main computer
- Heidenhain licence 133, Remote Desktop Manager; Heidenhain Article-No. 894423-01

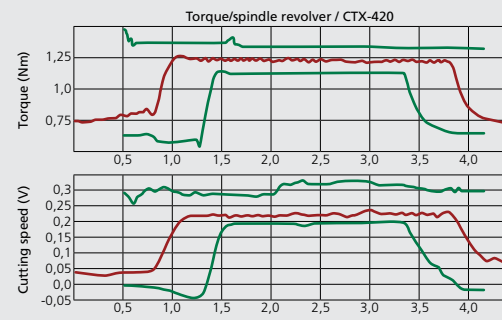
If visualisation in the control panel is not possible, visualisation is possible on an external touch panel.

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

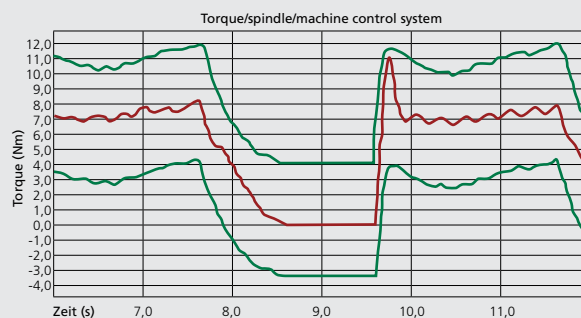
- iTNC 530 or TNC 620
- HSCI controls in which Profibus was fitted ex-works
- Profibus interface, retrofitted Profibus card, where required (Profibus can be retrofitted in main computers MC 420, MC 422B, MC 422C (even the 2 processor version) and MC 422D)
- If a retrofit is possible, the Profibus is implemented using an interface board that is inserted in the control system. In addition, a configuration file is necessary. Retrofit kit: Interface board Profibus ID no. 352517-51)
- Retrofitting a Profibus DP in HSCI controls is not possible. Profibus DP interfaces must be ordered in this case ex-works from the machine manufacturer.
- 8 available, interrelated PLC input bytes
- 28 available, interrelated PLC output bytes
- for full performance of the PLS interface (transferring program names, block numbers, etc.) 104 available, interrelated PLC output bytes

Windows® is a registered trademark of Microsoft Corporation in the United States and other countries.

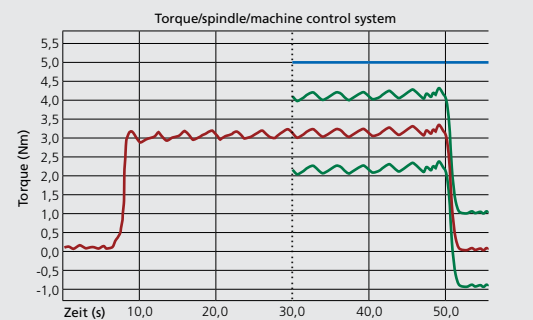
Reliable break detection by means of parallel evaluation of multiple sensors – without user adjustments



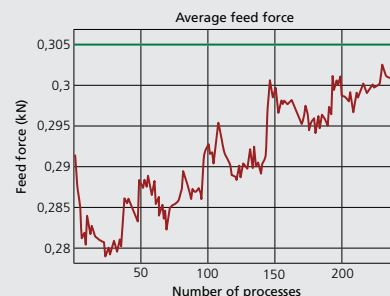
Self-learning tolerance limits



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



Reliable wear detection – utilising tools cost-effectively



Detected chipping during deep hole drilling

