

Software AutoComp

AUTOMATIC TOOL WEAR COMPENSATION

BLUM
focus on productivity



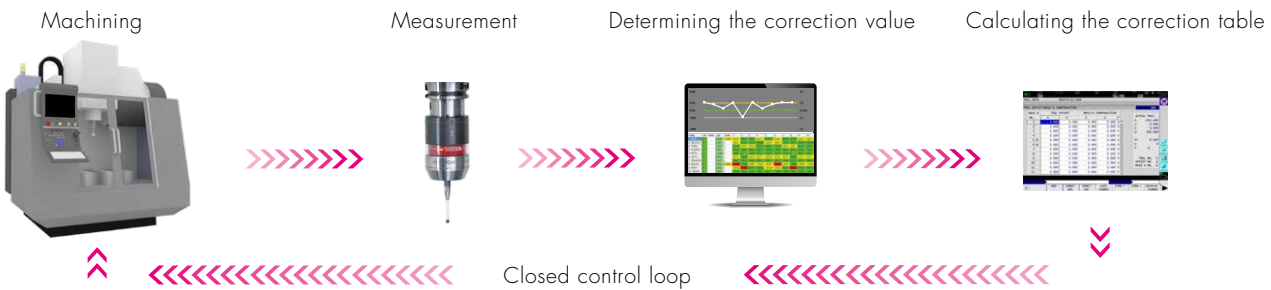
Software AutoComp

AUTOMATIC TOOL WEAR COMPENSATION

AutoComp – automatic wear compensation of cutting tools based on current workpiece measurement data

- Monitors tool wear with automatic adjustment of the tool compensation table
- Processes measurement results from many different electronic measuring systems such as CNC touch probes, force measuring devices or wireless hand-held measuring devices
- Specifies warning and tolerance limits
- Communicates directly with the machine control
- Runs on Windows-based controls without a separate PC
- Exports measurement data for further processing in MS Excel

Functional principle:



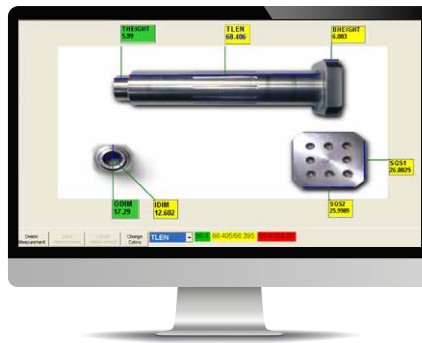
Your benefit:

- Allows you to realise fully automated machining processes using metrology integrated in the machine
- Enables automatic tool replacement or delivery of a message when wear limits are reached
- No rejects due to input errors
- Higher parts quality and fewer rejects
- Tools are used up to the wear limit
- Logging and statistical evaluation of tool wear data and correction values

Views:



Current and earlier measurement data & tool service life



Status display and visualisation of measurement results