

EASY TOOL-ID QR – Efficient tool identification and data transmission

Simple and cost-effective QR-coding

Easy Tool-ID QR allows fast and efficient transfer of your tool data between the presetter and machine-tool using QR-code labels. The system greatly reduces the chance of incorrect data being input by removing the manual operator involvement from the transfer process.

At the presetter, the measured values of the tool along with additional machine control-related information are printed on a label encrypted as a QR code. The tool data is also printed in plain text on the label to enable it to be identified without a scanner at all times.

At the machine, the QR label is conveniently read by a hand-held scanner. An additional processor module enables all data to be automatically input into the control using a predefined mapping program. Input errors are therefore completely eliminated.

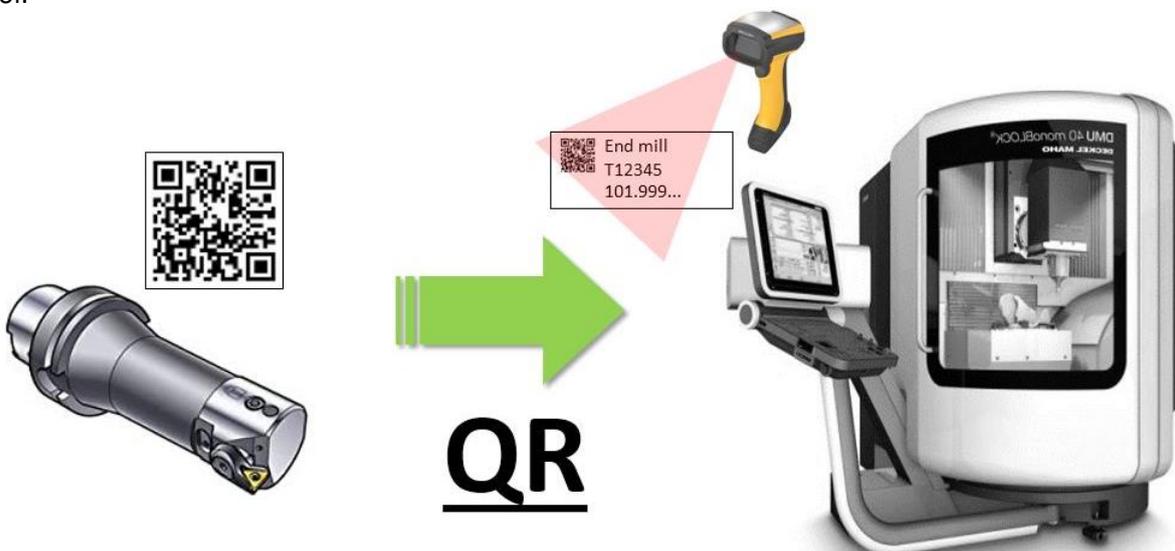
The system is fully independent of the control as the input can be simulated in every controller and executed by the add-on module. The only prerequisite is an open USB connection on the control.

Features:

- Tool identification at any time without the need for auxiliary equipment
- Generation of the QR code to identify and transmit data using the existing, cost-effective equipment (printer)
- Process-reliable data transmission without input errors using a commercially available scanner
- Increased convenience e.g. time savings: Scanning in place of typing
- Independent of the machine and control
- Costs reduced to a minimum
- No cost-intensive adaptation or retrofitting needed on the tool presetter or in the machine



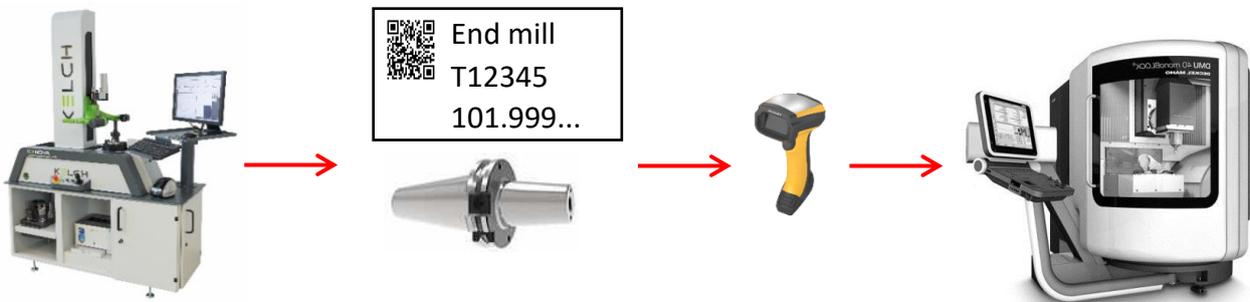
QR label includes tool length & radius along with machine-specific data such as tool life



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EASY Tool-ID QR Equipment for reading QR code label at the machine-tool

1. EASY Tool-ID QR Interface Module with Microprocessor, integrated electronics, QR code technology, HMI connection USB A
Dimensions: 72(H)x70(W)x32(D)mm
2. Barcode QR Scanner with Stand, including USB cable 5m
3. EASY Tool-ID QR connecting cable to HMI w/ USB
Length: 5m
4. EASY Tool-ID QR Software, Installation, Configuration and Training
Please note – Time required to set up and install is variable and dependent on amount of tool types in use on each machine
5. EASY Tool-ID QR configuration software – **OPTIONAL**
Allows the end user to create, edit, and configure tool input maps to accommodate future tooling type changes & additions
6. EASY Tool-ID QR Installation (Physical) – **OPTIONAL**
to install post at machine location including fixings to floor and routing connecting cable to machine control



EASY Tool-ID QR Equipment for writing QR code label at the presetter

7. DYMO LabelWriter 450 thermal label printer including power/USB cables and 500 labels
8. QR code generation software and label format post processor
9. Installation/configuration of printer hardware/software to presetter

*Full quotation available on request, based on the specific customer requirements.
Package discounts are available if multiple Easy Tool-ID read towers are ordered together.
Number of installation and support days required will be based on quantities of hardware ordered.
Prices of installation and support days are based on travel and expenses to customer site.*