

# KELCH

## EASY TOOL-ID 2.0 – THE SIMPLE WAY TO IDENTIFY YOUR TOOLS

### Keep your tool data under control

Easy Tool-ID 2.0 supports machine operators by securely and quickly getting tool data to the machine-tool. The system drastically reduces setup times and incorrect entries into the NC control. All the information is available to you at any time through the 7" touchscreen display.

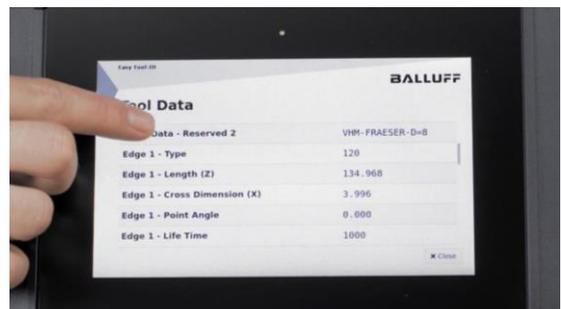
In addition, you can manually update your tool data from the touch display. This allows tool wear to be consistently documented and the tool life always remain up-to-date on the Balluff RFID chip. This guarantees optimal tool usage.

Because you simply connect the Easy Tool-ID to the machine-tool via USB, no complex and expensive integration is necessary. Configuration from the web browser is equally effortless.

The system links seamlessly with any KELCH tool presetters equipped with Balluff RFID technology.

### Features:

- Reduction of setup times and wrong entries: Send tool data securely and quickly via USB
- All data shown in plain text: Check all tool data on the touch display
- Optimal tool utilization: Manual updating of the tool data using the touch display
- Retrofitting with little effort: Simple configuration via web browser, no alteration to the machine tool, short downtimes



7" touchscreen display for viewing and updating tool data from Balluff RFID chip



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CONTROLLER  
EASY TOOL-ID 2.0

	BSG001W
Modul	phyCore i.MX6 Dual Lite
Storage	4 GB eMMC
Memory	1 GB RAM
Frequency	2 x 1.2 GHz
M12 connectors	1 x power (24 V DC), 2 x Ethernet, 1 x USB host, 1 x USB client, 1 x RS232, 1 x USB host
Display	7" TFT, WVGA 800 x 480, LED back light, analog RGB (TTL), projective capacitive touch (multi-touch)
Power supply	24 V DC $\pm 10$ % LPS class 2
Output current	$\leq 2$ A
Operating temperature	0...+60 °C
Storage temperature	-40...+80 °C
IP rating per IEC 60529	IP54
Max. cable length USB	2.8 m



## ACCESSORIES

	BSG001T	BAE00ER	BSG001E	BSG0017
Description	Tool stand with BIS V RFID-technology, power supply 24 V DC $\pm 10$ % LPS class 2	Heartbeat® power supply units, rated output voltage 24 V DC, rated output current 3.8 A, output capacity max. 91.2 W, output current max. 6 A for max. 4 s	Attachment holder for HSK63	Attachment holder for SK40



## CONNECTIVITY

	BCC0L1L	BCC0JF1	BCC0JFE	BCC0FMK
Connector 1	M12 male, straight, 5-pole, A-coded	M12 male, straight, 4-pole, D-coded	M12 male, straight, 4-pole, D-coded	M12 female, straight, 5-pole, A-coded
Connector 2	USB-A male, straight, 4-pole	RJ45 male, straight, 4-pole	M12 male, straight, 4-pole, D-coded	7/8" male, straight, 5-pole
Cable	PVC schwarz, 2.8 m	PUR shielded green, 3 m	PUR shielded green, 3 m	PVC shielded gray, 3 m

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