

TDM INTERFACE

to KELCH tool presetters with
EASY software

KELCH

Reduce time and costs with end-to-end tool data!

The benefits for you:

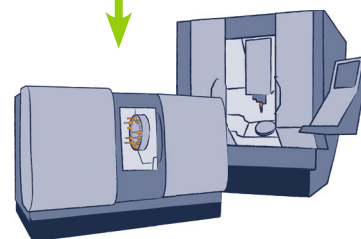
- Direct database communication
- No duplicate retention of tool data
- Presetting with correct nominal tool data from the TDM software
- Improved productivity: end-to-end tool planning from NC programming to machining
- Time savings and cost reduction
- Fewer machine breakdowns, less waste and avoidance of damage by the electronic generation of machine-specific tool offsets based on tool lists (optional)
- EASY Direct Link
Software for reading nominal data from TDM
- EASY Actual Value
Software for reporting back actual data to TDM



Nominal data
Actual data



Tool offset calculation
(optional)



In conjunction with TDM Systems,
Competence in Tool Data Management,
www.tdmsystems.com

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Features

EASY Direct Link

- Data transfer of complete tools and tool lists, tool holders/ adapters from the TDM database to the tool presetter.

EASY Actual Value

- Reverse transmission of the actual data measured to TDM per tool or for all tools in a tool list.

Connection of your KELCH tool presetter to the TDM software ensures that tools are correctly prepared and measured within the specified tolerances. Precisely as the NC programmer used them when creating the program.

The interface is available with TDM version 4.5 upwards and for KELCH tool presetters with EASY software from version 5.3.0 upwards.

TDM INTERFACE

Digital tool data management
with TDM: fast - easy - successful

KELCH

TDM Base Module

Software for organising tool components, complete tools, tool lists and other equipment in a central database for company-wide access.

TDM Data and Graphic Generator

Data source for adding to the TDM database. Contains data including 2D/3D graphics of over 40,000 tools from different manufacturers. Best of all: time saved when generating data to ensure that you quickly obtain the desired result.

TDM Storage Module

This helps to organise your tools in storage, for servicing and on the machine. It controls automated and manual storage systems. It also records the condition of the tools. Extension option: TDM Ordering Module.

Gauge and Calibration Module

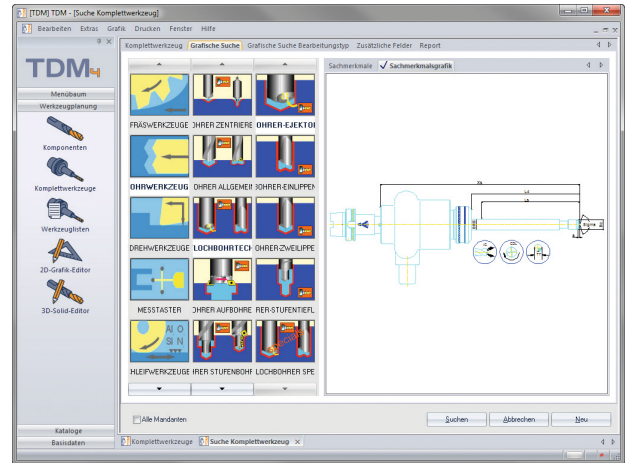
Control of measurement and inspection equipment for optimum quality assurance: classification of measurement and inspection equipment, control of fixed and variable inspection schedules, saving of calibration results.

TDMshopcontrol

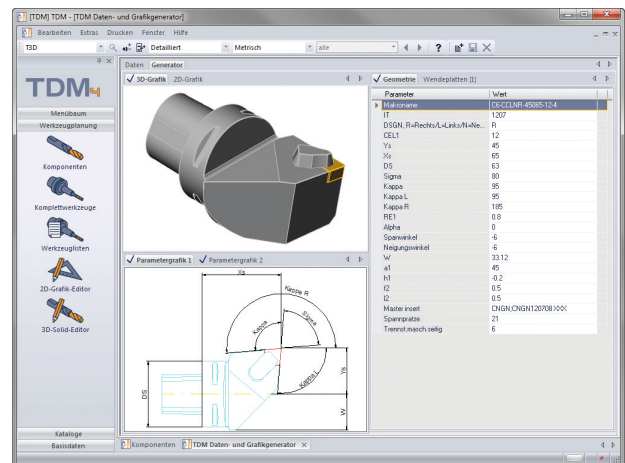
Management of the entire tool cycle from tool planning, provision and use to dismantling. Result: reduced tool logistics and optimum use of tools!

CAM Integration

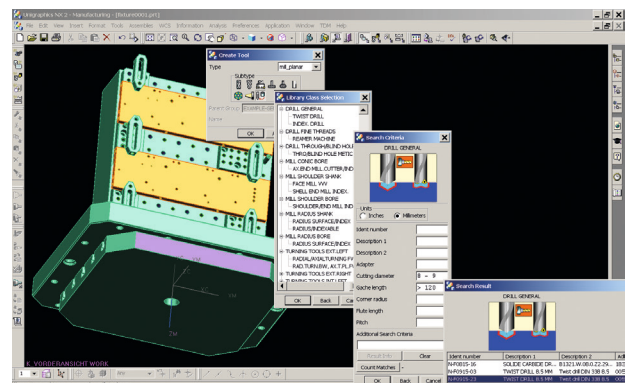
TDM helps with data integration into common CAD/CAM systems (CATIA V5, NX, Creo Parametrics (Pro/E) etc.) CAM users have access to tool geometry and technology data via online access to the TDM database and tool lists can also be created, edited and written back to TDM.



TDM's graphic-based interface ensures easy and convenient operation.



Only a few clicks away: tool data including simulation-capable 2D and 3D graphics!



Online access to the correct tool data for NC programming.

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