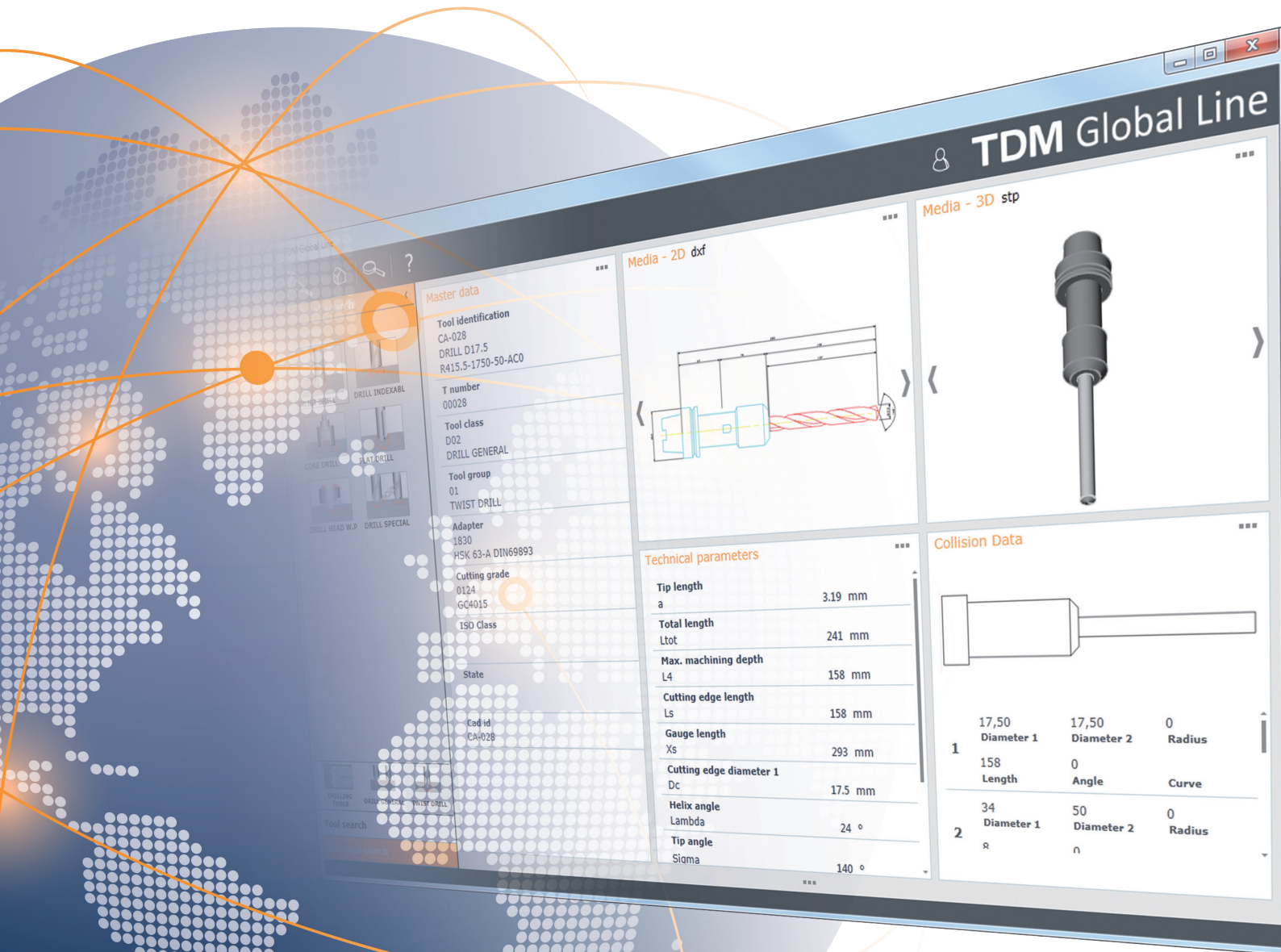


TDM Global Line - The software for global tool data management

New TDM module supports your tool data management for all locations with strong performance



Master data

Tool identification
CA-028
DRILL D17.5
R415.5-1750-50-AC0

T number
00028

Tool class
D02
DRILL GENERAL

Tool group
01
TWIST DRILL

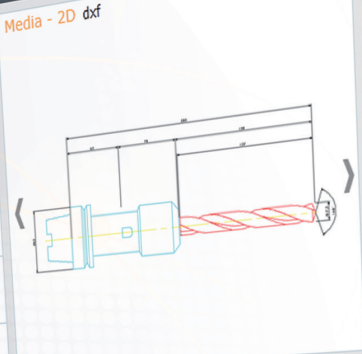
Adapter
1830
HSK 63-A DIN69893

Cutting grade
0124
GC4015

ISO Class

State

Cod id
CA-028



Technical parameters

Tip length a	3.19 mm
Total length Ltot	241 mm
Max. machining depth L4	158 mm
Cutting edge length Ls	158 mm
Gauge length Xs	293 mm
Cutting edge diameter 1 Dc	17.5 mm
Helix angle Lambda	24 °
Tip angle Sigma	140 °

Collision Data

1	17,50 Diameter 1	17,50 Diameter 2	0 Radius
	158 Length	0 Angle	Curve
2	34 Diameter 1	50 Diameter 2	0 Radius
	r	n	

TDM Global Line was specifically developed according to the requirements of manufacturing companies with several production locations. This software module is the logical extension of your TDM application. For national and international use via your company network, the tool data from the central TDM database can be retrieved and

used online from every production location. Thus, your manufacturing standards reach every workplace worldwide. Our software developers have developed TDM Global Line according to the characteristics of "Performance" and "Simplicity." And this is noticeable even during the first use.

TDM Global Line - high-speed tool manag

The screenshot displays the TDM Global Line software interface. The window title is "TDM Global Line". The interface is divided into several panels:

- Graphical search:** A sidebar on the left with icons for various tool types: TWIST DRILL, DRILL INDEXABL, CORE DRILL, FLAT DRILL, DRILL HEAD W.P., and DRILL SPECIAL. Below these are icons for DRILLING TOOLS, DRILL GENERAL, and TWIST DRILL.
- Master data:** A central panel displaying tool identification (CA-028, DRILL D17.5, R415.5-1750-50-ACO), T number (00028), Tool class (D02, DRILL GENERAL), Tool group (01, TWIST DRILL), Adapter (1830, HSK 63-A DIN69893), Cutting grade (0124, GC4015), ISO Class, State, and Cad id (CA-028).
- Media - 2D dxf:** A 2D technical drawing of the drill bit with dimensions and a 30-degree tip angle.
- Media - 3D stp:** A 3D perspective view of the drill bit.
- Technical parameters:** A table listing key dimensions:

Parameter	Value
Tip length a	3.19 mm
Total length Ltot	241 mm
Max. machining depth L4	158 mm
Cutting edge length Ls	158 mm
Gauge length Xs	293 mm
Cutting edge diameter 1 Dc	17.5 mm
Helix angle Lambda	24 °
Tip angle Sigma	140 °
- Collision Data:** A table showing collision data for two points:

Point	Diameter 1	Diameter 2	Radius
1	17,50	17,50	0
2	34	50	0



ement for every location

Simple: "Googling" tools

A new generation of the tool search is developed for TDM Global Line. By entry of the search terms, the TDM application is thoroughly searched. The results are sorted according to item, tool assembly and tool list and are immediately available. This is new and very easy!

Fast: Strong global performance

TDM Global Line has a new generation of data exchange. Individual mask parts are simultaneously loaded independently of each other. The highly compressed data transmission ensures a nearly "1:1 performance", even from the most remote location.

Flexible: "Widening" information

As there are cultural differences from country to country, there are also different practices and ways of thinking at each production location and for each user. This is easy for TDM Global Line. Your employees do not have to get accustomed to fixed software masks. With the new TDM Widgets, information, such as master data or feeds and speeds, can be placed on the screen via mouse. Therefore, the users can decide themselves on information content and display.

Safe: Validating tool data

The better the quality of the tool data, the more efficient the use of the TDM software. TDM Global Line supports the user in the entry of the tool data and draws his attention to erroneous inputs or forgotten mandatory fields. The mechanism for data validation thereby ensure a simplified data input.

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