



NEW

Universal

Sustainable

High performance

Hassle-free drilling with the durable WTX drill series

High-performance machining in a range
of materials with patented features

CERATIZIT is a high-technology engineering
group specialised in cutting tools and hard
material solutions.

Tooling a Sustainable Future

ceratizit.com



CERATIZIT
GROUP

Welcome!



Placing your order is quick and easy

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It couldn't be easier

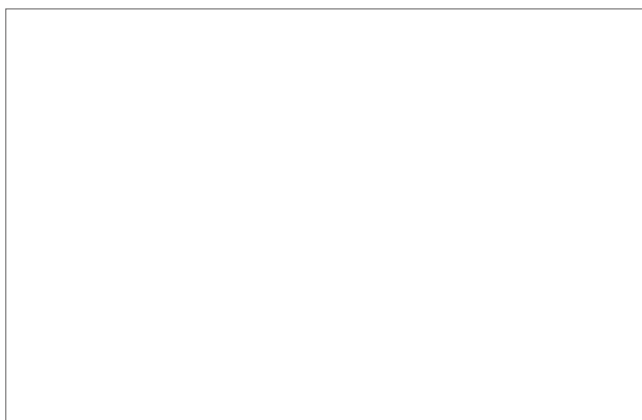
Ordering via the Online Shop

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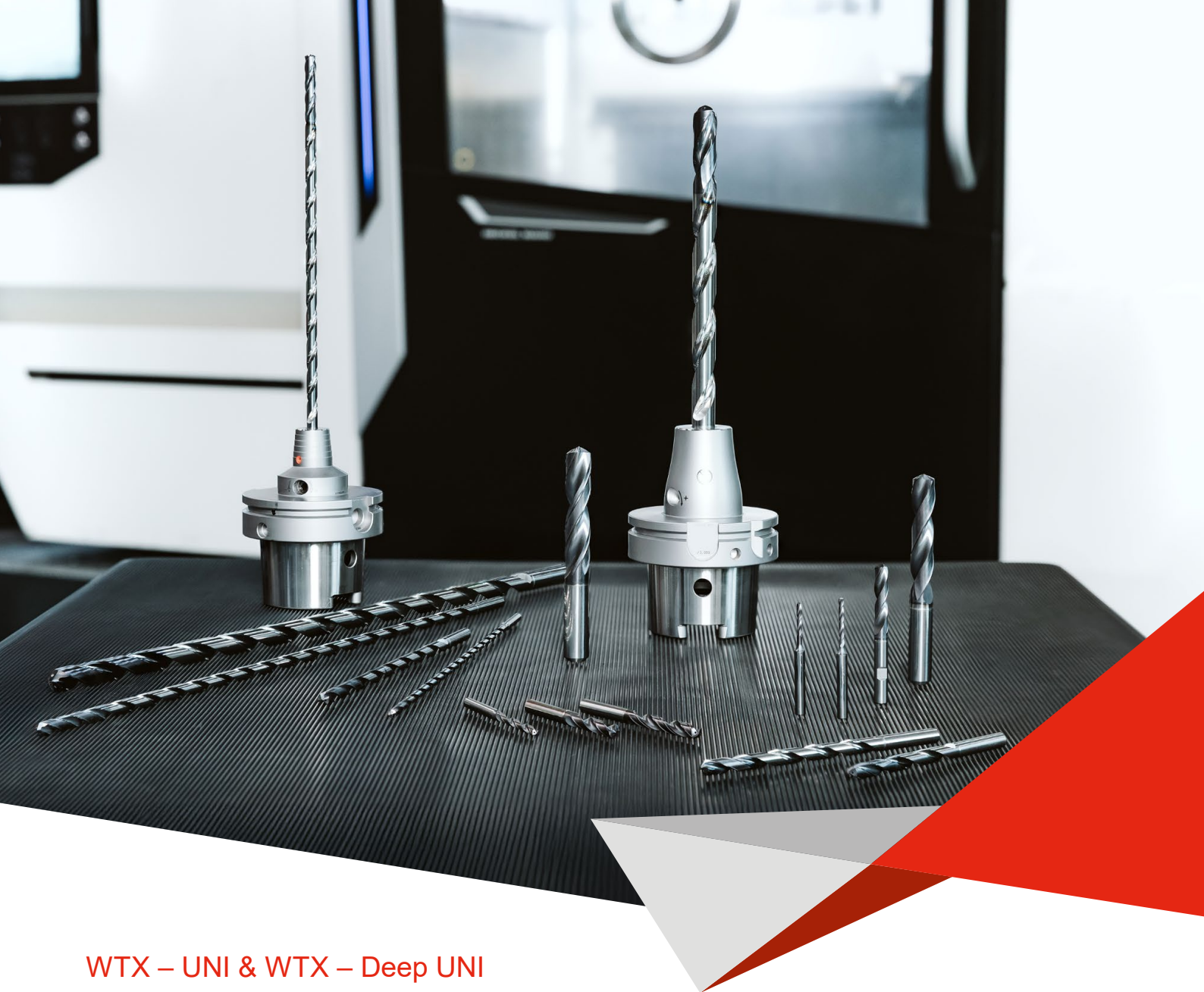


On-site technical support

Your Local Technical Sales Engineer



Your customer number



WTX – UNI & WTX – Deep UNI

Powerful, universal drill series

**Large drill portfolio for making precise holes
in a wide variety of materials**

WTX – UNI & WTX – Quattro:

High-performance, durable drilling with sustainable carbide and new geometries

WTX – Deep UNI:

Hassle-free deep-hole drilling thanks to improved tool stability

Whenever you need to drill precise holes in a wide variety of materials, including steel, stainless steel and cast iron, our WTX – UNI series is the reliable solution for all your machining requirements. Compared to the predecessor model, we've really optimised the cutting data and created an even wider range of drills. It's never been easier to make the most of a high level of flexibility, long service lives and sustainability.



upGRADE 

More sustainable carbide, high performance and long tool life

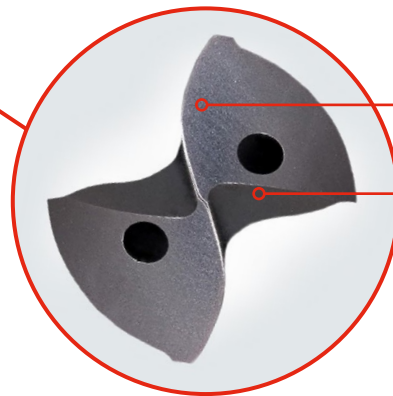
The universal solid carbide drills:
WTX – UNI & WTX – Quattro

Full performance from 99% reprocessed materials

The new WTX – UNI range offers an entirely new geometry with patented features. These tools are the first solid carbide drilling tools made from **CT-GS20Y**: our most sustainable **upGRADE** carbide grade to date. They enable a significant increase in performance and deliver even better cutting data as well as a longer tool life compared to their predecessors.

- ▲ CT-GS20Y carbide powder, lowest product carbon footprint (PCF) in its class
- ▲ Option of an additional PCF certificate to gain more transparency on your own carbon footprint

Features of the WTX – UNI & WTX – Quattro high-performance drill lines



Cone-shaped finish

Patented end geometry



Convex main cutting edge

- ▲ Very high stability
- ▲ Enables high cutting values
- ▲ Good self-centring capabilities

The **WTX – UNI** with two guide lands is available in 3xD and 5xD with or without thro' coolant in both cases, and in shank variants HA/HB/HE. The **WTX – Quattro** is always equipped with coolant holes and comes with four guide lands in the dimensions 5xD, 8xD and 12xD.

With the 3xD and 5xD variants in the new **WTX – UNI** and **WTX – Quattro** series, there are also high-performance pilot drills available which have been perfectly adapted for use in combination with the deep hole drills in the **WTX – Deep UNI** series.

upGRADE carbide CT-GS20Y
+ Sustainability

DPA74S DRAGONSKIN coating
+ Long tool life
+ Improved performance

With thro' coolant
3xD & 5xD
also without thro' coolant

4 guide lands (from 5xD)
+ Positional accuracy

Expanding flute design
+ Good chip removal
+ Prevents chip jams

140° point angle (135° for 8xD, 12xD)
+ High tool stability
+ Enables high cutting values
+ Good self-centring capabilities





Hassle-free deep-hole drilling with the WTX – Deep UNI

**Maximum reliability thanks
to improved tool stability**



After use, the tools can be reground to their original geometry and the original coating re-applied.





Precise holes and maximum process security with the optimised WTX – Deep UNI deep hole drill

The WTX – Deep UNI deep hole drill is highly reliable as its **new geometry** minimises tool breakage and rejects. The **polished chip spaces** with **expanding flute design** also provide an improved chip flow, permitting higher cutting values compared to the predecessor product. **Four guide lands** ensure high drilling and positional accuracy and reduce hole deviation to a minimum. The head is also coated with the innovative, **high-performance DPA74S coating**, which significantly increases tool life.

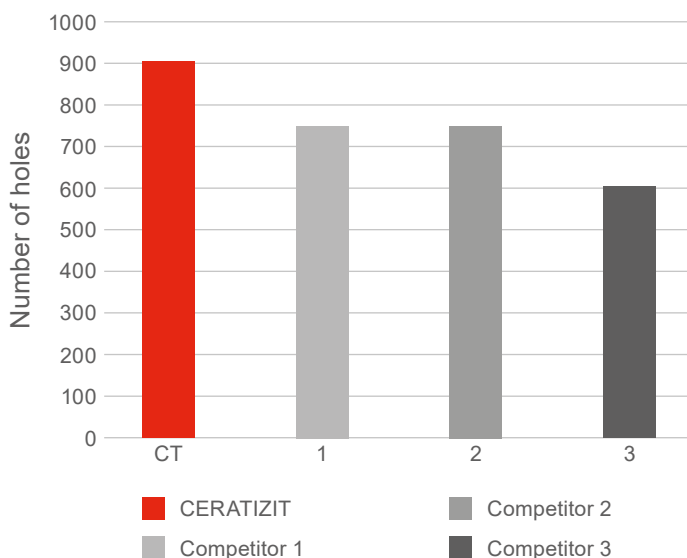
Powerful in a range of materials



The WTX – Deep UNI series of deep hole drills can be used universally with a wide range of materials, with a particular focus on **ISO-P** (steel), **ISO-M** (stainless steel), **ISO-K** (cast iron) and in some cases also **ISO-S** (heat-resistant). The range held in stock covers hole depths of 16xD to 50xD and is available in the diameter range of Ø 3-14 mm or Ø 3-8 mm (40xD and 50xD).

Competitor comparison: Tool life

Test conditions	
Material	42CrMoS4ex
Material number	Similar to 1.7225
Tool	UNI deep hole drill
Size	30xD
Cutting data values	
v_c	85 m/min.
f	0.11 mm/rev
a_p	149 mm
\varnothing	5.0 mm
n	5412 min ⁻¹
V_f	595 mm/min.
Cooling medium	Emulsion CPS-F 9%





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We reserve the right to make technical changes and product improvements.

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