



SEMI-STANDARD TOOLS

Custom-made tools?
We deliver them to you in
less than three weeks!

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

Tooling a Sustainable Future

ceratizit.com



CERATIZIT
GROUP



SEMI- STANDARD TOOLS

**Do you want to be able to make reliable plans, even when the heat is on?
Why not use semi-standard tools from the CERATIZIT group?**

For us, semi-standard means more than just adapting a standard product. It means providing you with tool solutions that are individually adapted to your machining tasks based on the information provided on an enquiry form. The dimensions available here can be found in the table of the portfolio description on the right.

We quote solid carbide tools in two days and indexable insert drilling tools in four days, incl. release drawings. We deliver to you within just 15 working days of receiving your order.

Your benefits:

- ▲ Fewer individual tools reduce non-machining time and save space in the tool magazine
- ▲ The delivery time of max. 15 working days after receipt of order and technical release reduces your tool WIP and warehousing costs
- ▲ Quotes created within 48 hours for solid carbide tools or four working days for indexable insert drilling tools speed up your decision-making processes
- ▲ Combined machining improves quality thanks to single tool clamping
- ▲ Experienced experts in the field and in the office enable you to make additional savings

To a new level of efficiency!



We are developing our most efficient machining solution

for your production in drilling, reaming, milling and thread milling

| | Solid carbide Drilling | Solid carbide Reaming | Solid carbide Milling | Solid carbide Thread milling | Indexable inserts Solid drilling and boring |
|------------------|---------------------------|------------------------------------------|---------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------|
| Batch size | Min. 3 – 100 pieces | Min. 3 – 100 pieces | Min. 3 – 100 pieces | Min. 3 pieces | Min. 1 piece |
| Diameter | Ø > 3 mm up to Ø 32 mm | Ø > 3 mm up to Ø 32 mm | Ø > 3 mm up to Ø 32 mm | M / MF M4 up to M24 | With WOEX solid drill Ø 14 – 54 mm With SOEX, SOGX solid drill Ø 14 – 44 mm Core drill Ø 14 – 65 mm |
| Length | up to 360 mm* | up to 360 mm* | up to 360 mm | up to 160 mm | With WOEX – L/D up to 4xD With SOEX, SOGX – L/D up to 3xD |
| Effective length | Max. 15xD | Max. 15xD | Max. 7xD | Max. 3xD | |
| Coating** | Application-specific | Application-specific | Application-specific | Application-specific | Indexable inserts: Solid drilling: WOEX, SOEX, SOGX Boring: WOEX, SOEX, SOGX, TOHX, TOGX, ISO |
| Adapter/shank | Ø 4 – 32 mm | Ø 4 – 32 mm | Ø 4 – 32 mm | Ø 6 – 20 mm | Ø 20, 25, 32 mm / ABS 50, ABS 63 / HSK-A 63 / PSC 50, PSC 63 |
| Coolant supply | Internal or external | Internal or external | External | Internal or external | Internal or external |
| Number of steps | Up to 5 steps | Precounterboring step + max. two Ø steps | Up to 2 steps | Up to 1 countersinking step | Up to 7 indexable insert seats |

* Maximum effective and total lengths are not fully variable. They depend on the shaft diameter.

** Application-specific coating for steel, stainless steel, cast iron, hard materials, titanium, Inconel (aluminum uncoated)



Simply fill in the form:

On our homepage,
cuttingtools.ceratizit.com
you will find forms for defining your semi-standard tools.

Send the filled-in form to
global.techsupport@ceratizit.com
or speak to your sales engineer.



Part of the Plansee Group

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

11/2021 - 94 221 00767