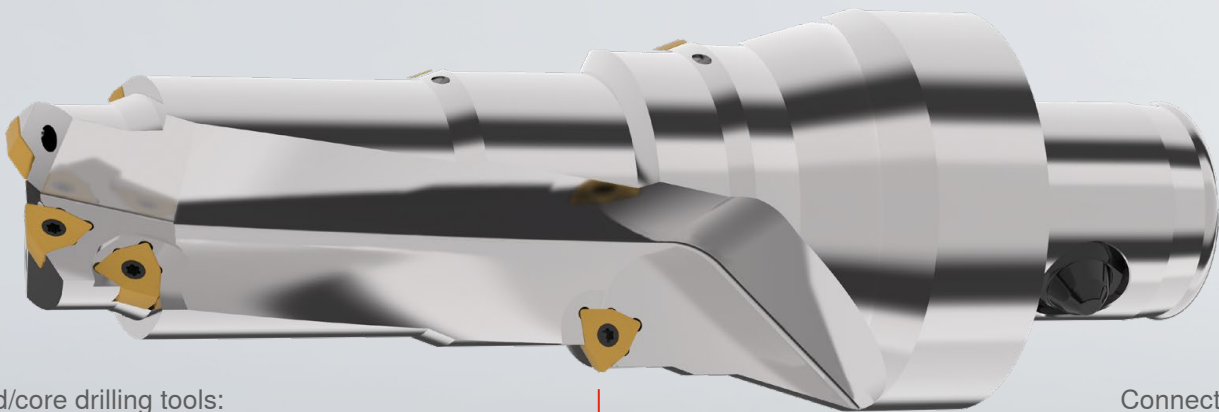


# INDIVIDUAL MACHINING SOLUTION IN NEW DIMENSIONS

Special tools for solid and core drilling  
in 4 weeks!



Solid/core drilling tools:  
Ø 14 to 54 mm  
Core drilling steps up to Ø 65 mm

Up to 5 steps  
Up to 4xD

Indexable inserts:  
SO.. / TO.. / WO.. / ISO indexable inserts

Connection:  
CYL / ABS /  
HSK-A / PSC

TEAM CUTTING TOOLS

# SEMI-STANDARD SOLID AND CORE DRILLING

## The highest quality in the shortest time!

Thanks to our innovative approach to market requirements and the machining strategy, we have expanded the dimensions of our successful semi-standard solid drilling program and added pure core drilling tools to this tool category. Additional indexable insert types and the PSC tool connection can also be provided within 4 days with approval drawing. Speak to your Sales Engineer for further details!

Conventional machining



=

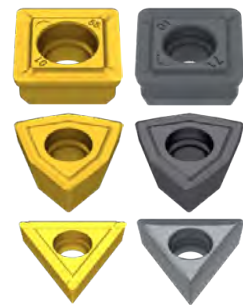


## Combined machining

- ▲ **Shorter process times**  
due to high-performance parameters
- ▲ **Ideal positioning accuracy**  
increases the quality of the hole produced across all steps
- ▲ **Reduces the need for tool changes**  
which saves you time

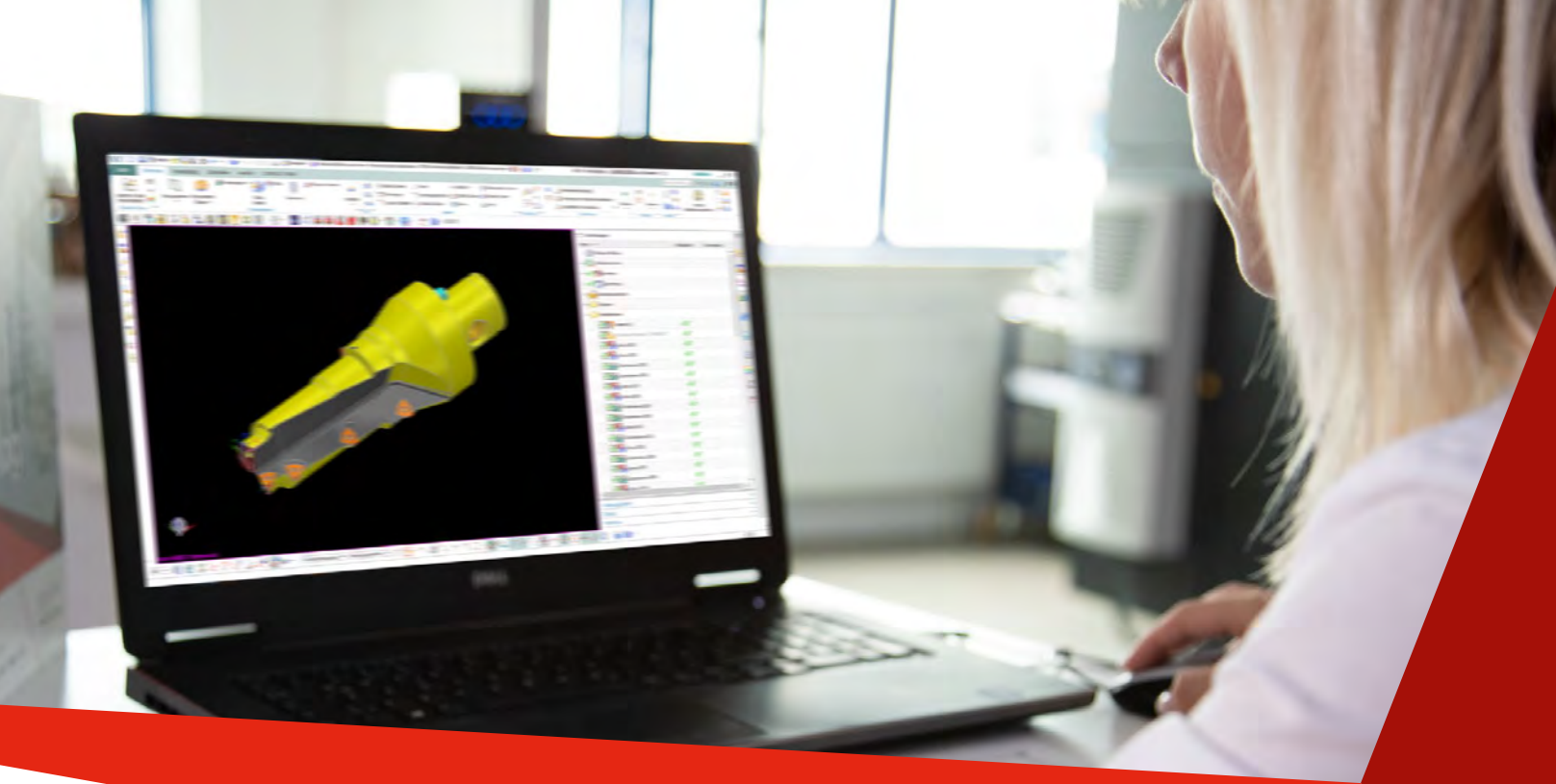
## The ideal indexable insert for any machining application

The wide range of sizes available for the SOGX / SOEX, TOHX / TOHT, WOEX and ISO indexable inserts means that fine gradations can be achieved.



## Multiple holes, high repeatability

Savings of up to 50% are possible with combined machining!



# Be sure of success!

## STEP 1: QUOTATION

We will send out a quotation within four working days of receiving your request.

## STEP 2: DESIGN

You will receive the approval drawing for your tool along with your quotation.

## STEP 3: APPROVAL

Providing your approval of our drawing places your order.

## STEP 4: PRODUCTION

With your approval, your tool will immediately go into production.

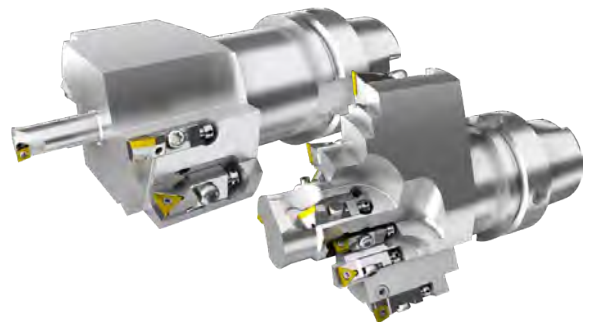
## STEP 5: DELIVERY

Your new tool will be delivered within four weeks of the receipt of your order.

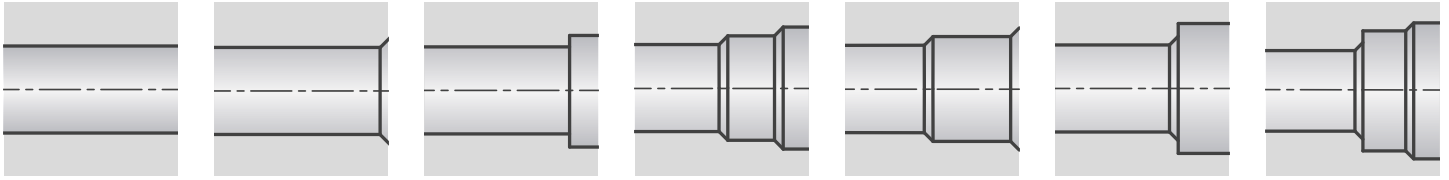
## We are up for the challenge!

Where you have more complex machining requirements, we will be happy to produce a proposal for a solution.

Simply provide our Sales Engineers a drawing of your workpiece!



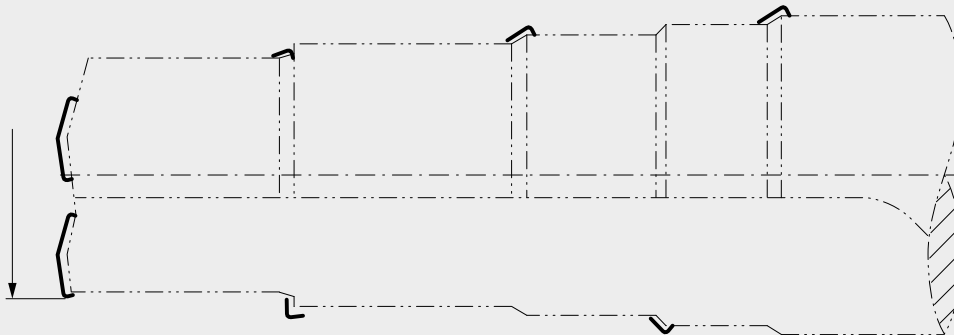
# Extremely wide range of solid and core drilling operations



## Solid drilling

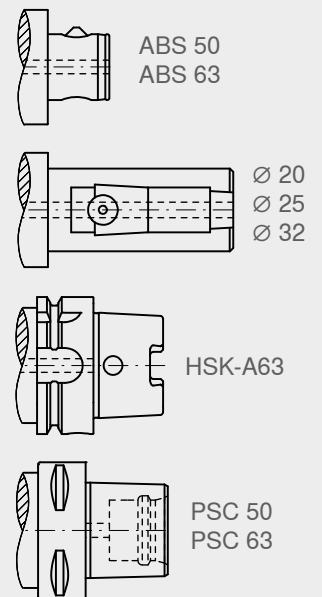
**Base body with up to 5 steps. Straight or spiral flute.**

L/D up to 4xD possible



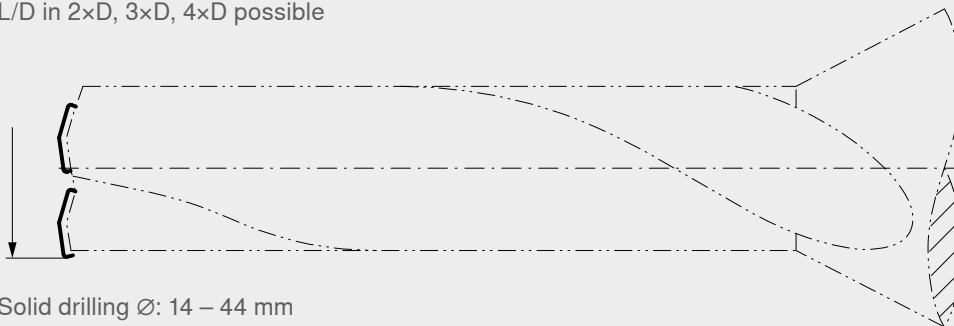
Solid drilling  $\varnothing$ : 14 – 54 mm  
Solid drilling indexable insert:  
SOEX / SOGX / WOEX

Step  $\varnothing$ : 17.5 – 65 mm,  
Step angle: 90° – 15°  
Step indexable insert: WOEX / SOEX / SOGX / TOHX /  
TOHT  
ISO indexable inserts

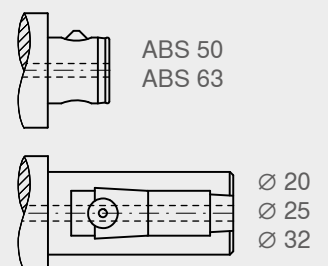


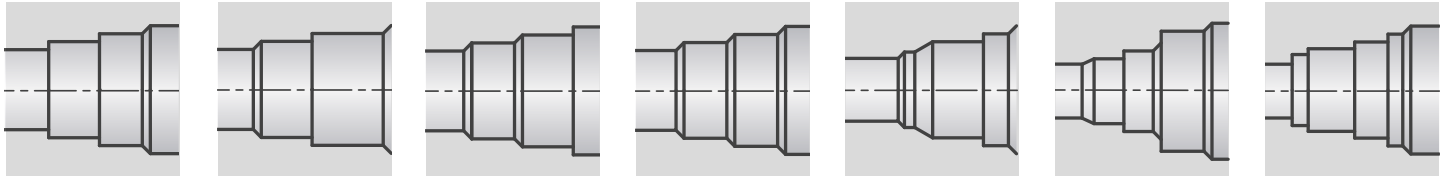
**Base body with twisted spiral flute.**

L/D in 2xD, 3xD, 4xD possible



Solid drilling  $\varnothing$ : 14 – 44 mm  
Solid drilling indexable insert: WOEX

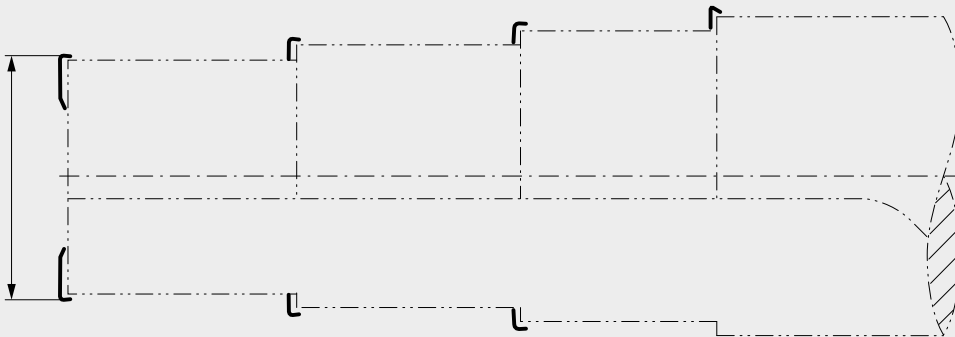




## Core drilling

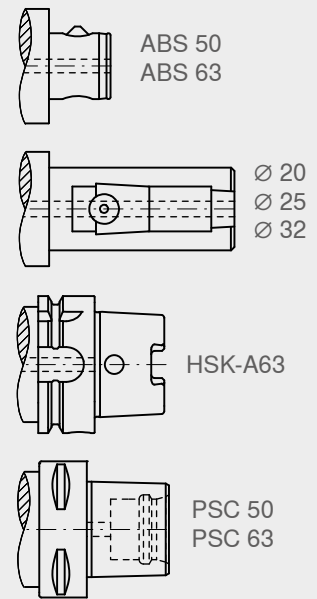
### Base body with up to 5 steps. Straight or spiral flute.

L/D up to 4xD possible



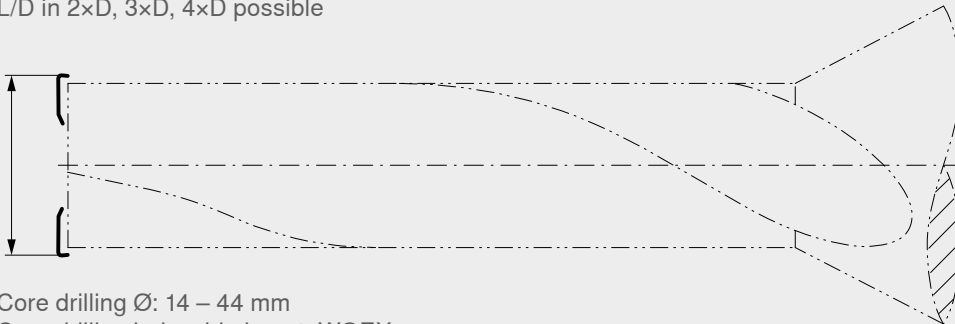
Core drilling  $\varnothing$ : 14 – 65 mm  
Core drilling indexable insert:  
SOEX / SOGX / WOEX /  
TOHX / TOHT  
ISO indexable inserts

Step  $\varnothing$ : 17.5 – 65 mm,  
Step angle:  $90^\circ - 15^\circ$   
Step indexable insert: WOEX / SOEX / SOGX / TOHX /  
TOHT  
ISO indexable inserts

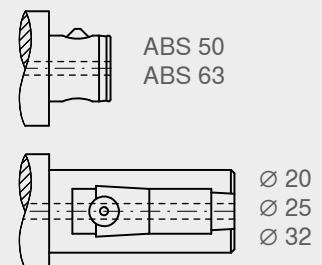


### Base body with twisted spiral flute.

L/D in 2xD, 3xD, 4xD possible



Core drilling  $\varnothing$ : 14 – 44 mm  
Core drilling indexable insert: WOEX



# UNITED. EXPERIENCED. METAL CUTTING.



**SPECIALIST FOR INDEXABLE INSERT TOOLS  
FOR TURNING, MILLING AND GROOVING**

The product brand CERATIZIT stands for high-quality indexable insert tools. The products are characterized by their high quality and contain the DNA of many years of experience in the development and production of carbide tools.



**THE QUALITY LABEL FOR  
EFFICIENT BORE PRODUCTION**

High-precision drilling, reaming, countersinking and boring is a matter of expertise: efficient tooling solutions for drilling and mechatronic tools are therefore part of the KOMET brand name.



**EXPERTS FOR ROTATING TOOLS,  
TOOL HOLDERS AND CLAMPING SOLUTIONS**

WNT is synonymous with product diversity: solid carbide and HSS rotating tools, tool holders and efficient workholding solutions are all part of this brand.



**CUTTING TOOLS  
FOR THE AEROSPACE INDUSTRY**

Solid carbide drills specially developed for the aerospace industry bear the product name KLENK. The highly specialized products are specifically designed for machining lightweight materials.

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info.usa@ceratizit.com  
www.ceratizit.com

