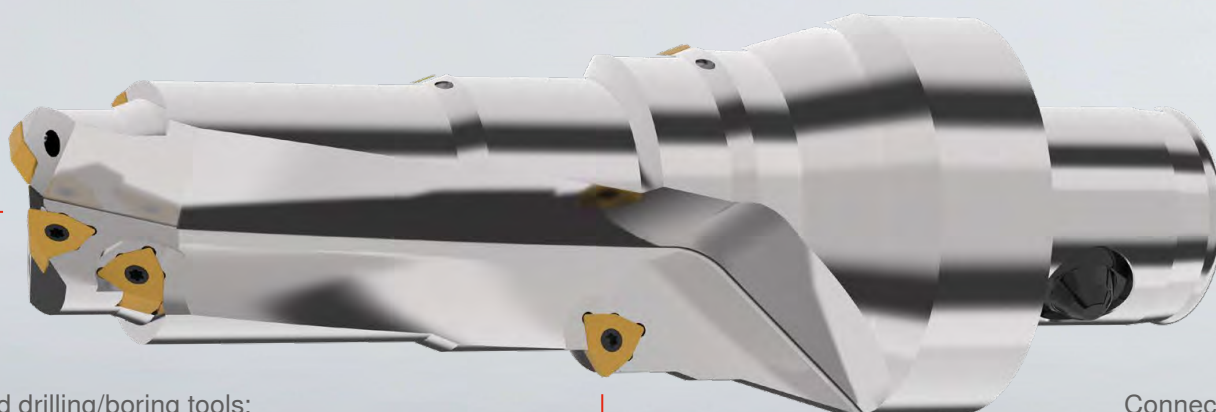


INDIVIDUAL MACHINING SOLUTION IN NEW DIMENSIONS

Special solid drilling and boring tools
in 3 weeks!



Solid drilling/boring tools:
Ø 14 to 54 mm
Boring 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 DRILLING AND BORING

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 programme and added pure boring 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 advisor 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**
due to combined machining

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

In placing your order, you give your approval for our drawing.

STEP 4: PRODUCTION

On receipt of your documentation, your tool will immediately go into production.

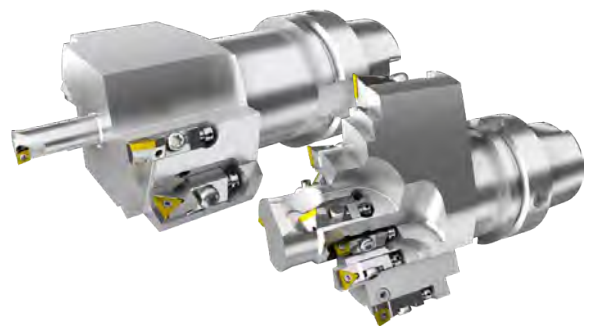
STEP 5: DELIVERY

Your new tool will be with you within three weeks of receipt of your order.

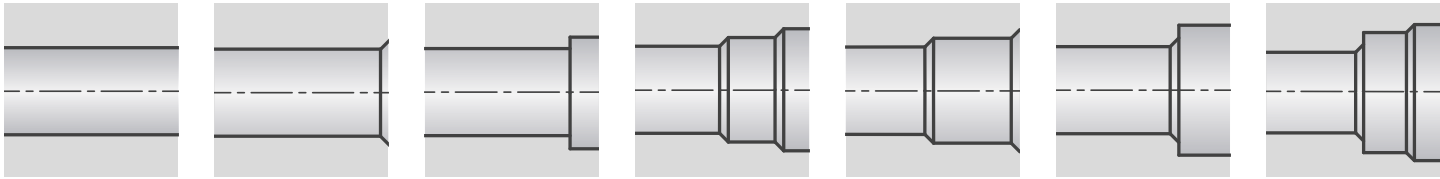
Why not throw down the challenge!

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

Just let our sales advisor have a drawing of your workpiece!



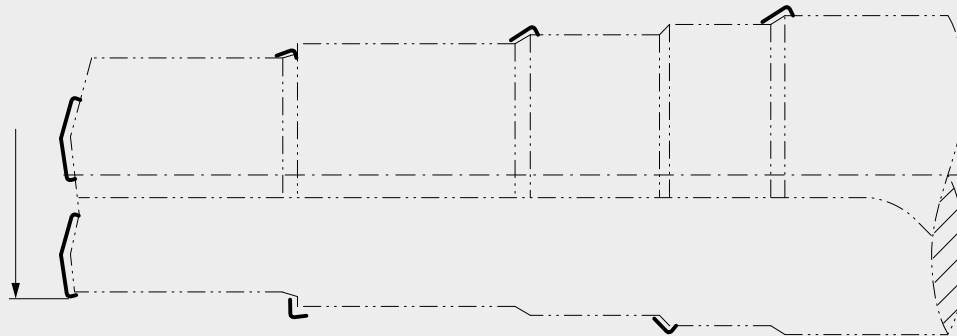
Extremely wide range of solid drilling and boring operations



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,

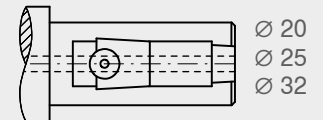
Step angle: 90° – 15°

Step indexable insert: WOEX / SOEX / SOGX / TOHX /
TOHT

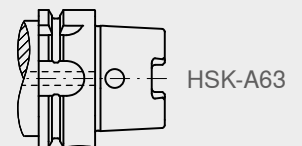
ISO indexable inserts



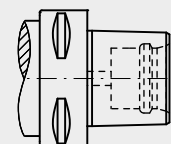
ABS 50
ABS 63



\varnothing 20
 \varnothing 25
 \varnothing 32



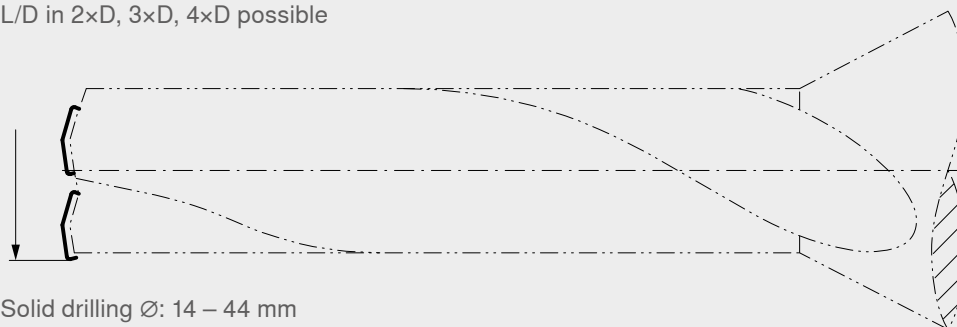
HSK-A63



PSC 50
PSC 63

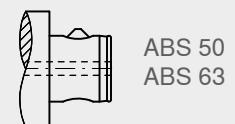
Base body with twisted spiral flute.

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

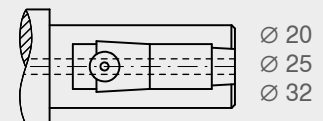


Solid drilling \varnothing : 14 – 44 mm

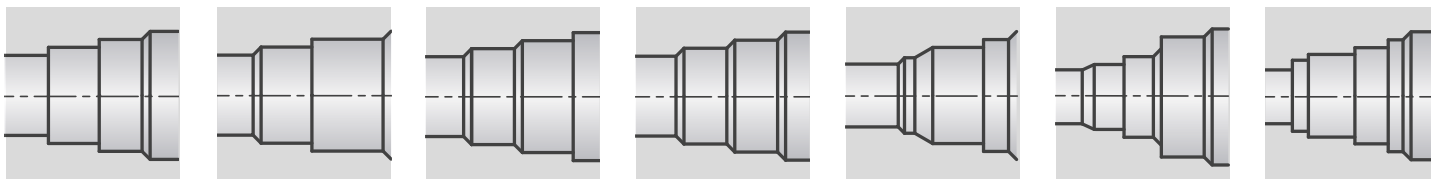
Solid drilling indexable insert: WOEX



ABS 50
ABS 63



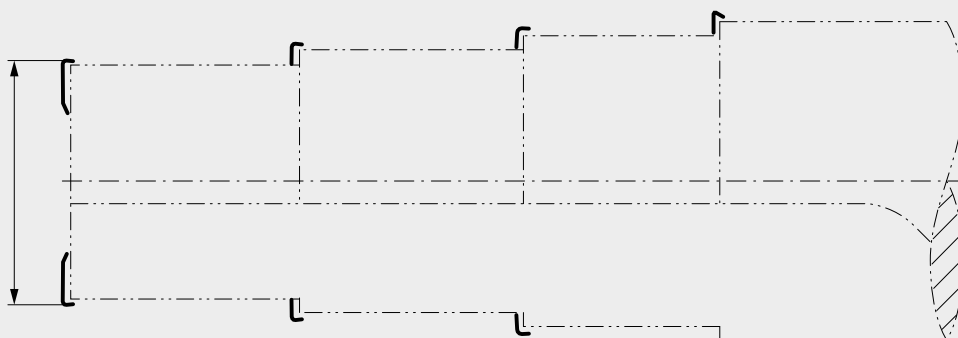
\varnothing 20
 \varnothing 25
 \varnothing 32



Boring

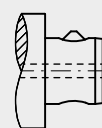
Base body with up to 5 steps. Straight or spiral flute.

L/D up to 4xD possible

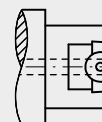


Boring Ø: 14 – 65 mm
Boring indexable insert:
SOEX / SOGX / WOEX /
TOHX / TOHT
ISO indexable inserts

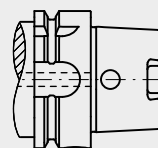
Step Ø: 17.5 – 65 mm,
Step angle: 90° – 15°
Step indexable insert: WOEX / SOEX / SOGX / TOHX /
TOHT
ISO indexable inserts



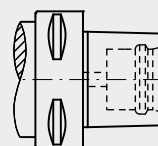
ABS 50
ABS 63



Ø 20
Ø 25
Ø 32



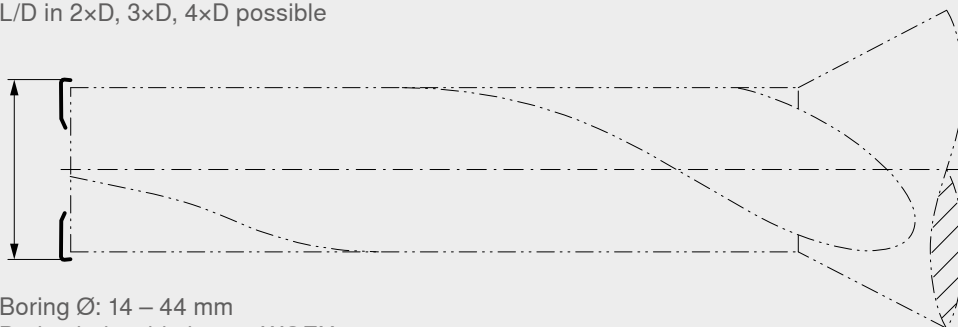
HSK-A63



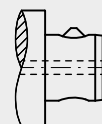
PSC 50
PSC 63

Base body with twisted spiral flute.

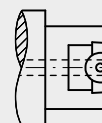
L/D in 2xD, 3xD, 4xD possible



Boring Ø: 14 – 44 mm
Boring indexable insert: WOEX



ABS 50
ABS 63



Ø 20
Ø 25
Ø 32

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.