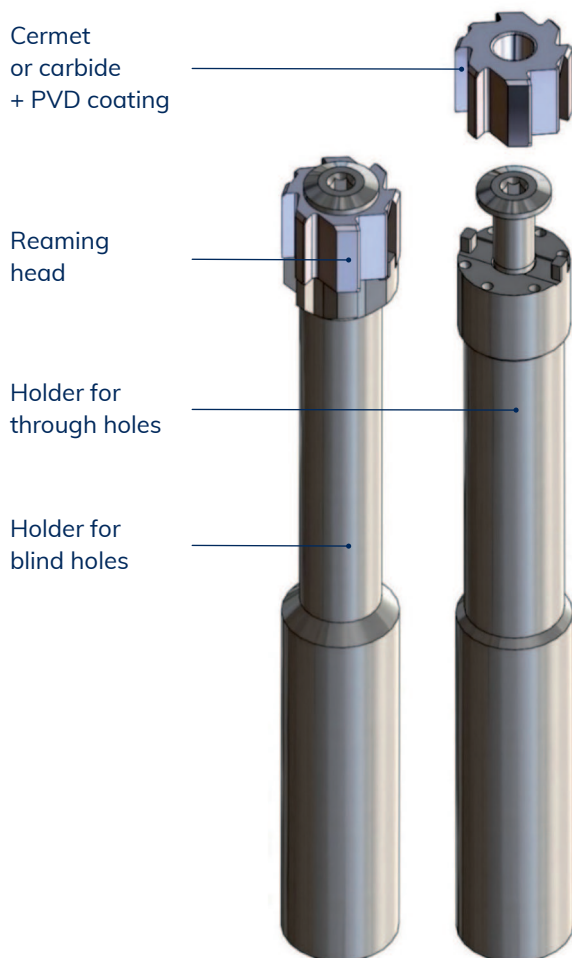


Reaming head – VKN

| | | | | |
|----------------------|-------------------------|-------------------|--------------------------|---------------|
| Diameter of the head | Depth of machined holes | Class of accuracy | Type of machined holes | Inner cooling |
| 12 ÷ 25 mm | up to 300 mm | from IT6 | through and blind | yes |

Reaming head VKN is a highly productive, patent protected, reaming tool which replaces especially conventional reamers.

It consists of **a holder** and **a replaceable head** (depending on the application, it is also possible to use other types of heads) and it is suitable for reaming steel, stainless steel and cast iron.



Benefits

- + Saving time for machining – head can be changed inside the machine (without the need for re-setting).
- + High productivity due to the use of the latest cutting material and coats with a cutting speed of up to 250m/min.
- + No re-sharpening like with conventional reamers – saving costs for sharpening, logistics, monitoring the terms – suitable for mass production.
- + High stability of production process.
- + Small size and low weight of replaceable heads – simple requirements for storage.

Lower costs for buying the tool

Using just one holder with a practically unlimited service life, it is only necessary to purchase replaceable heads. As a result, you can **save 40-50 % of costs**.

The service life of the blades is the same as with new conventional reamer.

Comparison of costs for reaming head VKN and for solid carbide machine reamers.

The comparison was made for the hole of \varnothing 20 H7, made 5, 10, 20 and 50 thousand times. The expected service life of the tool is 400 holes.

| Number of holes made | Cost of solid carbide machine reamer | Cost of reaming head VKN | Savings |
|----------------------|--------------------------------------|--------------------------|----------------|
| 5 000 | € 1 960 | € 1 095 | € 865 (44 %) |
| 10 000 | € 3 430 | € 1 875 | € 1 555 (45 %) |
| 20 000 | € 6 370 | € 3 500 | € 2 870 (45 %) |
| 50 000 | € 15 680 | € 8 375 | € 7 305 (47 %) |

Solid carbide machine reamer re-sharpened 3 times, reaming head VKN without re-sharpening.

Costs depending on the number of holes made

