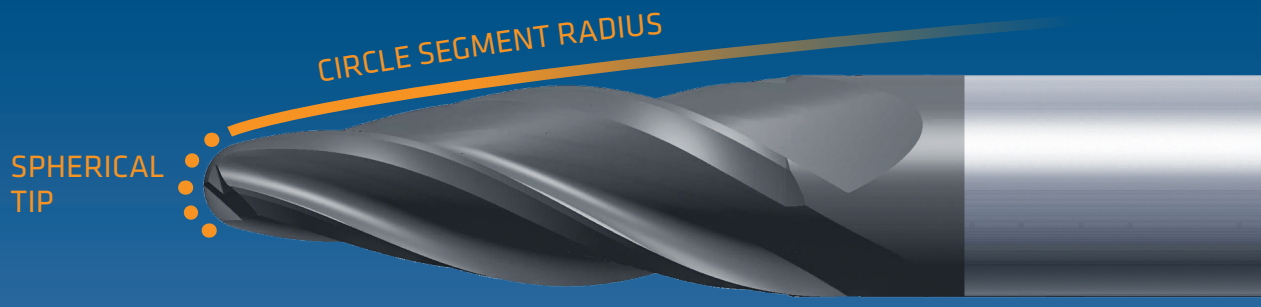
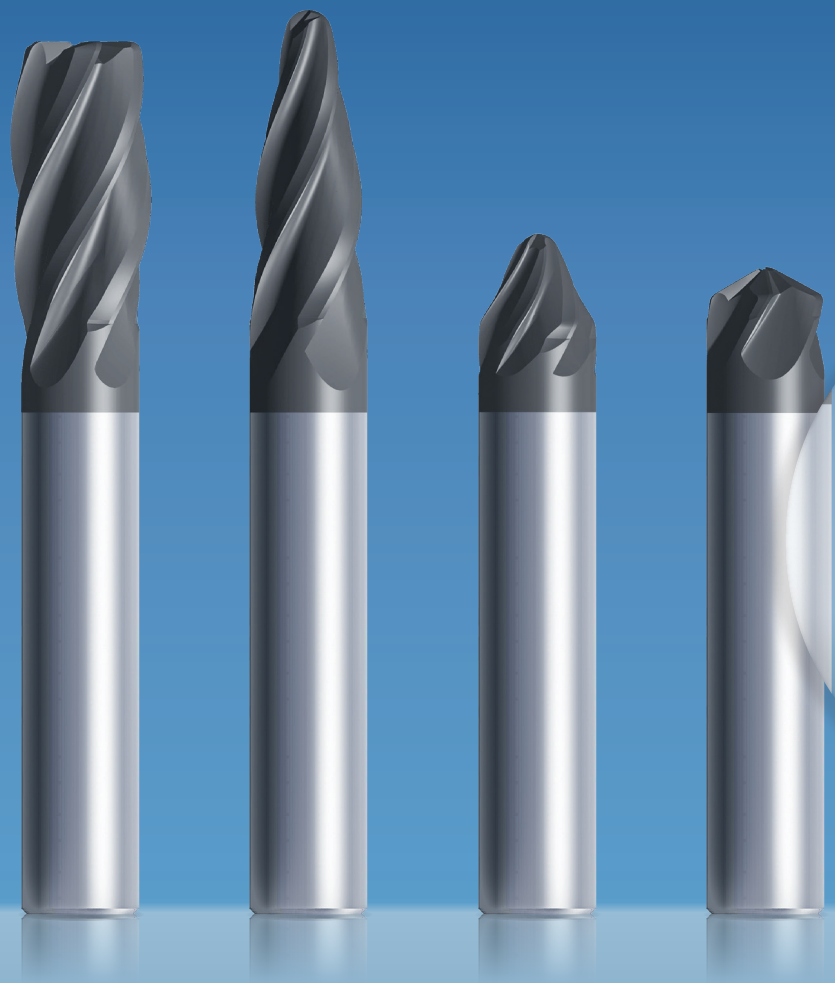
VAR-X

WEDCO
Tool Competence

REVOLUTION
OF FINISHING PROCESSES





VAR-X

We design these special tools based on four different basic shapes and adapt them to the customers special requirements.

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VAR-X guarantees advantage

One tool for all finishing processes - The underlying concept is the combination of large lateral cutting radii of up to 1.000 mm and the spherical tip. Due to their large lateral radii, ***VAR-X*** tools enable significantly larger machining paths and thus tool capabilities with the same surface roughness as conventional ball-nosed end mills.
The result: highest productivity due to the reduction of the machining time and in addition excellent surface quality with comparatively little polishing effort.

Convincing Performance

- Significantly larger stroke intervals with the same theoretical surface roughness
- Up to 90% less machining time with significantly longer tool life
- Reduced polishing effort with significantly better surface finish
- Ideal for spots that are difficult to access
- Axis deviations of the machine have less pronounced effect on the workpiece due to the specific processing strategies
- Reduced number of tools needed due to the very wide range of applications
- Due to the spherical tip, the tools are also designed for use as ball-nosed end mills
- Very high wear resistance

VAR-X

The large cutting radius enables significantly larger stroke intervals and thus tool capability

Ball-Nose End Mill SGK-Z4 Ø10

The small contact area requires many machining paths to achieve the surface roughness demanded