

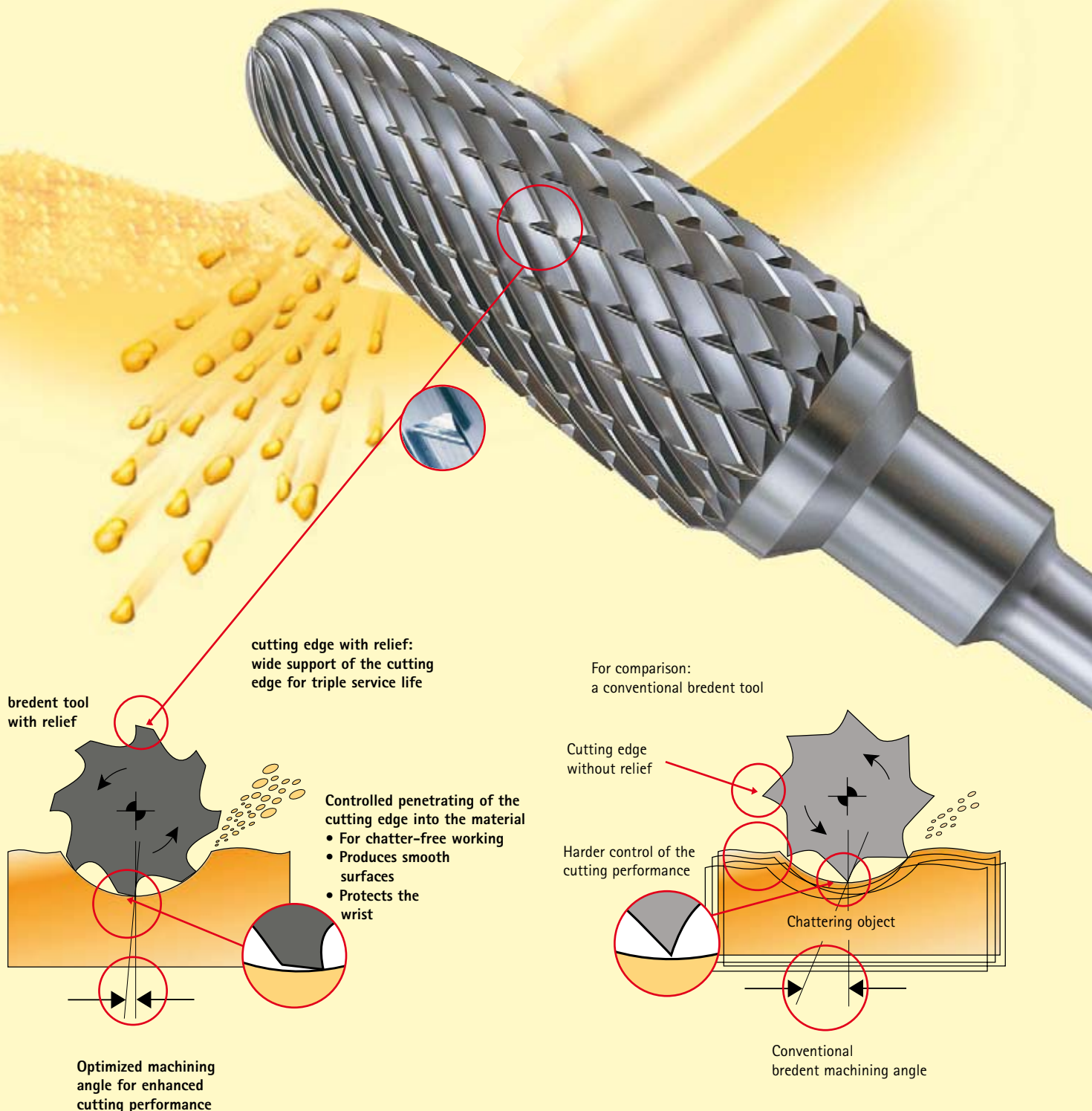
Tungsten carbide tools with relief

Triple service life compared to conventional bredent cut

The latest tungsten carbide tools by bredent are provided with a relief during an additional manufacturing process. The relief supports the sharp cutting edge to avoid breakage of the edges. This way the service life of the relief tools is three times longer than the one of conventional bredent tools.

Additionally, the relief allows to optimize the machining angle so that an excellent cutting performance is achieved.

Bredent tools with relief – for maximum cutting performance, smooth micrograph and extended service life.

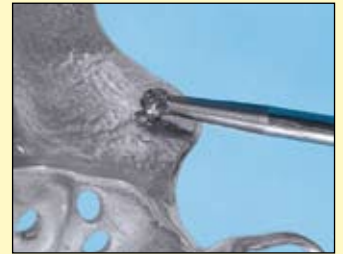


Cut: MH



Material	Tungsten carbide
Order No.	H001 MH 23
ISO No.	500 104 001190 023

This bur offers numerous possibilities of application; in this picture it is used in the CoCr technique.



Application field	Plaster	Denture resin	Veneer resin	Precious metal/pd-based	CoCr denture/NPM	Ceramic
Working speed rpm	10-20.000	10-20.000	10-20.000	10-20.000	10-20.000	15-20.000



Material	Tungsten carbide
Order No.	H141 MH 23
ISO No.	500 104 141190 023

The tool H141 MH 23 during grinding of a ditch. The smooth, chatter-free running of the relief cut increases the reliability during the application.



Application field	Plaster	Denture resin	Veneer resin	Precious metal/pd-based	CoCr denture/NPM	Ceramic
Working speed rpm	10-20.000	10-20.000	10-20.000	10-20.000	10-20.000	15-20.000



Material	Tungsten carbide
Order No.	H184 MH 16
ISO No.	500 104 184190 016

The high cutting performance of the relief cut allows more efficient treatment of ceramics; the picture shows smoothing of the transitions of metal/ceramic.



Application field	Plaster	Denture resin	Veneer resin	Precious metal/pd-based	CoCr denture/NPM	Ceramic
Working speed rpm	10-20.000	12-18.000	15-20.000	15-20.000	15-20.000	15-20.000



Material	Tungsten carbide
Order No.	H237 MH 23
ISO No.	500 104 237190 023

Tools with relief produce a particularly smooth micrograph. During milling of ceramic materials a silky-mat surface is obtained which is suitable for glaze-firing without any additional treatment. Therefore relief tools ensure high efficiency during processing of ceramic materials.



Application field	Plaster	Denture resin	Veneer resin	Precious metal/pd-based	CoCr denture/NPM	Ceramic
Working speed rpm	10-20.000	12-18.000	15-20.000	15-20.000	15-20.000	15-20.000



Material	Tungsten carbide
Order No.	H277 MH 14
ISO No.	500 104 277190 014



Order No.	H277 MH 23
ISO No.	500 104 277190 023

Slender designs allow the use of relief tools even for highly precise work.



Application field	Plaster	Denture resin	Veneer resin	Precious metal/pd-based	CoCr denture/NPM	Ceramic
Working speed rpm	15-20.000	12-18.000	15-20.000	15-20.000	15-20.000	15-20.000



The tool H289 MH 23 is particularly suitable for grinding VMK veneer surfaces.

Material	Tungsten carbide
Order No.	H289 MH 23
ISO No.	500 104 289190 023



Application field	Plaster	Denture resin	Veneer resin	Precious metal/pd-based	CoCr denture/NPM	Ceramic
Working speed rpm	15-20.000	12-18.000	15-20.000	15-20.000	15-20.000	15-20.000



Due to the extended service life the relief cut saves material costs. Accordingly, costs can be reduced considerably particularly during the processing of VMK frameworks.

Material	Tungsten carbide
Order No.	H194 GH 40
ISO No.	500 104 194220 040
Order No.	H194 GH 50
ISO No.	500 104 194220 050



Application field	Plaster	Denture resin	Veneer resin	Precious metal/pd-based	CoCr denture/NPM	Ceramic
Working speed rpm	15-20.000	12-18.000	15-20.000	15-20.000	15-20.000	15-20.000

The shape allows highly accurate finishing of metal structures.

Material	Tungsten carbide
Order No.	H244 GH 23
ISO No.	500 244 220 023



Application field	Plaster	Denture resin	Veneer resin	Precious metal/pd-based	CoCr denture/NPM	Ceramic
Working speed rpm	15.-20.000	12.-18.000	15.-20.000	15.-20.000	15.-20.000	15.-20.000

Material	Tungsten carbide
Order No.	H263 GH 60
ISO No.	500 104 263220 060



Application field	Plaster	Denture resin	Veneer resin	Precious metal/pd-based	CoCr denture/NPM	Ceramic
Working speed rpm	10-15.000	8-12.000	10-17.000	15-20.000	15-20.000	15-20.000



A smooth object surface can be produced with the relief cut. This provides considerable advantages during processing of resins.

Material	Tungsten carbide
Order No.	H274 GH 40
ISO No.	500 104 274220 040
Order No.	H274 GH 60
ISO No.	500 104 274220 060



Application field	Plaster	Denture resin	Veneer resin	Precious metal/pd-based	CoCr denture/NPM	Ceramic
Working speed rpm	10-15.000	8-12.000	10-17.000	15-20.000	15-20.000	15-20.000

Cut: SH



Material	Tungsten carbide
Order No.	H194 SH 60
ISO No.	500 104 194220 060
Order No.	H194 SH 70
ISO-No.	500 104 194220 070

Tools with SH cut have been especially developed for processing of plaster. Smooth running of the relief avoids coarse edges in the plaster.



Application field	Plaster	Denture resin	Veneer resin	Precious metal/pd-based	CoCr denture/NPM	Ceramic
working speed rpm	8-12.000	8-12.000				



Material	Tungsten carbide
Order No.	H263 SH 60
ISO No.	500 104 263220 060

Bur with relief cut for quick removal of denture resin. Also perfectly suitable for plaster.



Application field	Plaster	Denture resin	Veneer resin	Precious metal/pd-based	CoCr denture/NPM	Ceramic
Working speed rpm	8-12.000	8-12.000				