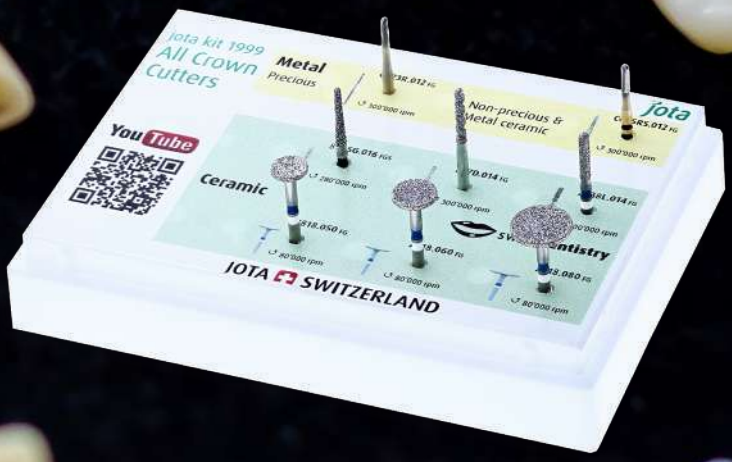
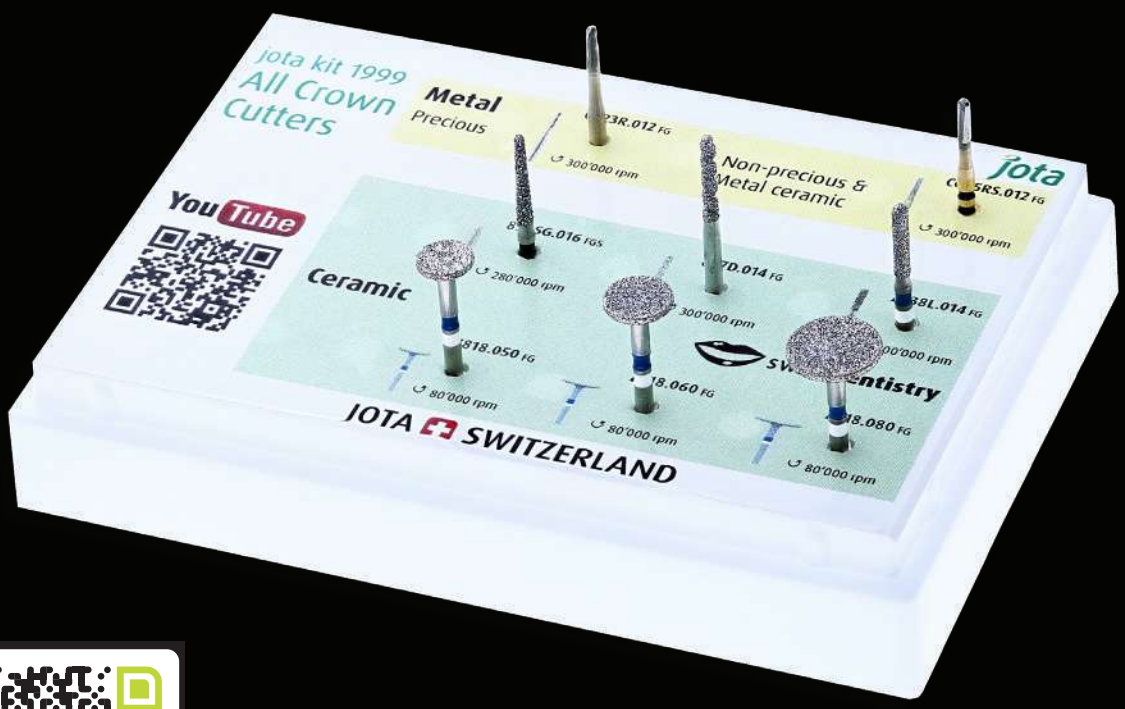
KIT 1999
ALL CROWN CUTTERS

jota
SWITZERLAND



ALL CROWN CUTTERS

KIT 1999



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Have you ever had a challenge in cutting a crown with only one bur?

What instrument should be used to separate the different materials?

Experience relief in your daily practice with KIT 1999 « All crown cutters» which contains all the latest Jota innovations.

METAL/ACRYL CROWN CUTTERS

CX23R.FG.012

160‘000 rpm
500314194019012

Carbide bur **CX23R** is intended for separation through soft precious metals with ease.

Recommendations:

- We recommend applying the instrument at an angle of approximately 45° to the crown with sufficient coolant (at least 50 ml/min)
- Optimal speed 160.000 rpm
- Use with the red contra-angle with low contact pressure

VIPER BLACK

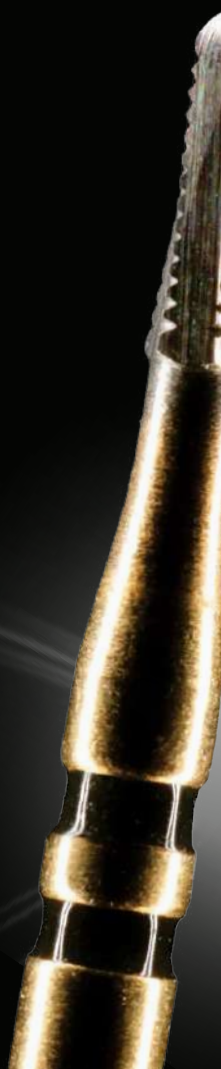
QUICK | EFFICIENT | ECONOMICAL

CG35RS.FG.012

160‘000 rpm
500314139006012

Thanks to its special coarse toothing, this instrument is up to 30% more efficient than viper and up to 70% more efficient than other cutters.

Black Viper is designed to cut through crowns and bridges constructed of commonly used alloys as well as titanium. This crown cutter is also recommended for use on porcelain-fused-to-metal crowns and composite crowns without instrument change. The **Black Viper** can be identified by its two black rings.



CUTTING PERFORMANCE

UP TO 30% HIGHER THAN VIPER AND UP TO 70% HIGHER THAN OTHER CUTTERS

SPECIAL COARSE TOOTHING

VIBRATION-FREE CUTTING

IMPROVED SERVICE LIFE

FOR NON-PRECIOUS METALS, TITANIUM AND PORCELAIN FUSED TO METAL

Recommendations:

- We recommend applying the instrument at an angle of approximately 45° to the crown with sufficient coolant (at least 50 ml/min)
- Optimal speed 160.000 rpm
- Use with the red contra-angle with low contact pressure

ZIRCONIA CROWN CUTTERS

ZIR CUT

Z838L.FG.014

300‘000 rpm
806314140526014

Z818.FG.050

80‘000 rpm
806314041324050

Z818.FG.060

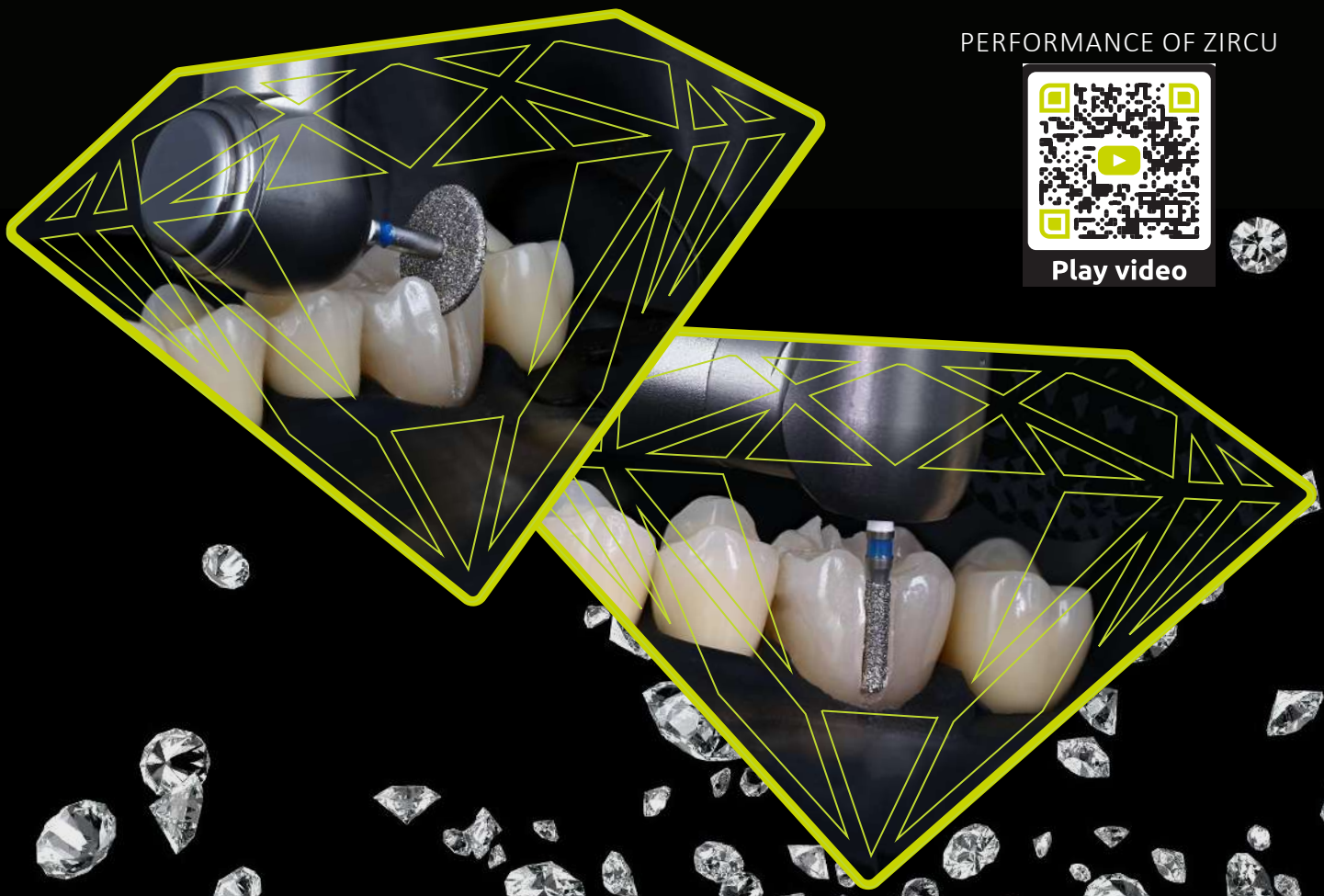
80‘000 rpm
806314041324060

Z818.FG.080

80‘000 rpm
806314041324080

PERFORMANCE OF ZIRCU

Play video



Jota had specifically designed diamond discs to separate full-ceramic crowns and bridges with three different depths. Two grains (blue and green) are available to suit the indications. The additional white stripe can easily distinguish **ZIR CUT** instruments. Discs have extremely high cutting efficiency and long service life. Use these discs to separate zirconia and hard ceramics restoration on vestibular, occlusal surfaces and incisal edge avoiding cervical areas. **Z838L** cutter is applied at an angle of 45° to the crown surface to cut materials on the cervical area. After separation, vestibular and occlusal surfaces widening pliers can widen and break the restoration.

Recommendations for use:

- follow the recommendations for optimal rotation speed
- it is recommended to use the instruments in the contra-angle with higher torque
- water cooling is always required, especially during the trepanation procedure (min. 50 ml/min.)
- apply low contact pressure (<2N) and intermittent movements
- avoid contact of diamond discs with soft tissue, risk of injury! Use rubber dam to remove restorations to prevent soft tissue damage.

CERAMIC CROWN CUTTERS

CE - DIAMOND

COOL & EFFICIENTT

SAFE| TIME-SAVING | ECONOMICAL

837D.FG.014

300‘000 rpm
806314115524014

The **CE-Diamond** bur **837D** enable better abrasion performance and cooling because of the structured blank with cooling channels. These diamond-coated cooling channels transport a higher amount of coolant to the grinding point and, at the same time, result in improved chip evacuation. The grinding process is interrupted up to 4 million times during the entire preparation. This avoids excessive heat generation during crown separation.

Functional interface guarantees 30% better grinding performance than conventional diamond instruments. The durability of the **CE-Diamond**, enable you to carry out hard ceramic separation such as lithium disilicate ot zirconia reinforced lithium silicate except zirconia.


TIME SAVING
30% FASTER CUTTING PERFORMANCE
SPIRAL GEOMETRY
OPTIMUM COOLANT SUPPLY AND TRANSPORT OF THE ABRASION
FUNCTIONAL INTERFACE
HIGHER GRINDING PERFORMANCE

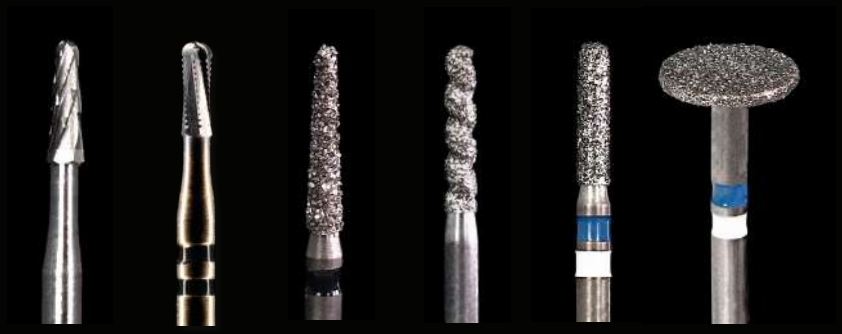
SUPERCOARSE SHORT DIAMOND

850SG.FGS.016

300‘000 rpm
806313198544016

The **850SG** diamond bur has a very coarse natural diamond grit and therefore separates ceramic crowns very quickly. The short shank allows cutting crowns on hard-to-reach molars.

APPLICATION TABLE



✓ WELL SUITED ✓ SUITABLE	CX23R	CG35RS	850SG	837D	Z838L	Z818
PRECIOUS METAL	✓					
NON-PRECIOUS METAL	✓	✓				✓
METAL-CERAMIC		✓		✓		✓
ZIRCONIUM OXIDE					✓	✓
ZIRCONIA-REINFORCED LiSi			✓	✓	✓	✓
LITHIUM DISILICATE			✓	✓	✓	✓
FELDSPAR CERAMICS			✓	✓		✓
LEUCIT-REINFORCED CERAMICS			✓	✓		✓
HYBRID CERAMIC/COMPOSITE		✓	✓			✓
PLASTIC/ACRYL	✓	✓				

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