# **Rocky.**
# A Breakthrough in Crown Cutting.

A new era in powering through zirconia begins.





# **Rocky.** Unstoppable Strength for Unyielding Zirconia Crowns.

Experience crown cutting that truly makes an impact — Rocky outperforms the competition with unmatched sharpness, speed, and durability, effortlessly breaking through even the toughest ceramic crowns

**Time Efficiency:**
Enables practitioners to save up to 87 %* of the time required to cut a ceramic crown.

**Exceptional Sharpness:**
The new all-ceramic crown cutter offers unmatched 74 %* higher initial sharpness compared to competitor products.

**Extended Durability:**
Designed with an exceptional lifespan, significantly outlasting existing products.

**Innovative*²**
**Diamond grit:**
Delivers superior performance through an innovative, diamond grit unmatched by any other on the market.

**Premium Design:**
Features a distinctive rose gold shank for easy identification.



* Source: Komet Dental TestLab, mechanical cutting test 2025. Test based on comparison to competitive average.
*² German utility model GM 20 2025 100 047

# **Rocky.**
## The Champion of Crown Cutting.

Efficiency in dental procedures is evolving, and Rocky is leading the way. Designed to tackle the challenges of all-ceramic crown removal, Rocky sets a new benchmark with its 74 %* greater initial sharpness and 87 %* faster cutting performance. Even Zirconia, known for its toughness, is removed with ease, significantly reducing procedure time.

At the heart of Rocky's performance is a innovative*², next-generation diamond grit, engineered for exceptional sharpness, durability, and precision. This ensures smoother, faster procedures with less effort. Its distinctive rose gold shank offers quick identification in a busy practice, combining performance with sophistication.

Developed with over 100 years of Komet Dental expertise, Rocky represents the latest innovation in crown cutting – combining precision, speed, and durability like never before.

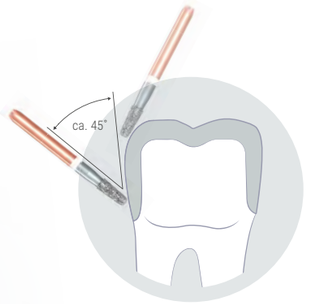
Experience the cutting-edge technology that's redefining efficiency in modern dentistry.



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*Cutting zirconia crowns has never been that easy.*

Prof. Dr. Daniel Edelhoff (University of Munich)



*I had the privilege to try this new dedicated bur and I can tell that it's an amazing tool, making the cut of zirconia crowns fast, sharp and predictable.*

Dr. Fabio Scutella (Milano, Italy)

**Separation of all-ceramic crowns**

- Split all-ceramic crowns with Rocky (CERCS, CERCSC): In front teeth, cut across the axial surface up to and beyond the incisal edge.
  Molars: Cut along the occlusal surface to simply break the crown open.
- Adhesive crowns can be opened piece by piece with crown dilating forceps. Start in the cervical region – as far as you can – and then remove further fragments step by step, working in an incisal or occlusal direction. Like this, lever forces exerted on the crown core can be prevented to a large extent.
- Grind down any remaining fragments with the longer crown-cutter CERC.

**Directions for use:**

- Optimum speed:
  $n_{opt.}$ 160,000 rpm in the micro motor recommended with the use of the new Synea Power edition handpiece.
- Always work with sufficient cooling (at least 50 ml/min).
- Do not exceed a maximum contact pressure of 2N.
- We recommend reducing the speed to 120,000 rpm when working on alloys that make instruments "skip". Alternatively, you can work with a dental turbine at low contact pressure.
- For an optimum cutting performance, apply the instrument to the crown/filling at an angle of 45°.

* Source: Komet Dental TestLab, mechanical cutting test 2025. Test based on comparison to competitive average.
*² German utility model GM 20 2025 100 047

# **Rocky.**
# Product range.

Cutting all-ceramic crown materials to remove an insufficient primary restoration.



○ **CERCSC**.314.016
crown cutters, diamond
cylindrical, short



○ **CERC**.314.012
crown cutters, diamond
cylindrical, round



○ **CERCS**.314.016
crown cutters, diamond
conical, short



○ **CERC**.314.014
crown cutters, diamond
cylindrical, round



# **Rocky & Synea** Power Edition:
# Your ultimate crown removal duo!

Experience the unbeatable synergy of Rocky and the Synea Power Edition handpiece. Engineered for effortlessly removing even the toughest all-ceramic crowns, this duo delivers exceptional sharpness, durability, and precision — while protecting your standard handpieces from excessive wear.

The Synea Power Edition is a high-performance handpiece designed for heavy-duty dental applications. Engineered for advanced ceramics like zirconia, it offers superior torque, improved cutting efficiency, and a 20 %* longer service life. By using this specialist for demanding procedures, you extend the lifespan of your existing handpieces. With an innovative black push-button for effortless bur changes and an effective cooling spray for consistent cutting, this durable handpiece minimizes downtime and maximizes precision. Engineered for precision and built for power: The Rocky crown cutter and Synea Power Edition handpiece redefine crown removal, effortlessly tackling even the hardest all-ceramic crowns, including zirconia.

**extra easy** bur changes with unique and distinctive black push-button design.

**extra precise** with new head design for better bur guidance.

**extra durable** with at least 20 %* extended lifetime.




**extra solid** chucking system with more than 20 %* more clamping force.

**extra robust** for less service costs.

**extra tough** for the removal of high-strength materials.

**extra strong** with more torque and better removal rate.

* Source: W&H test laboratory for verification, test report 1124



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