

jota kit 1441 ZIR GLOSS CHAIRSIDE KIT

For perfect zirconium oxide restorations - using just one set!

- › Special diamond grit for high performance and durability
- › Easy adjustment of contact points
- › After an adjustment with only two steps to high gloss
- › A perfect smooth and antagonist-friendly occlusal surface enabled by the new Jota Swivel polishers



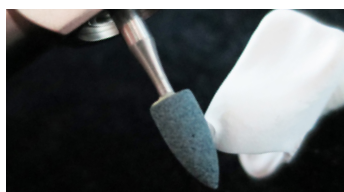
jota kit 1441

ZIR GLOSS CHAIRSIDE KIT

Perfect high-lustre for zirconium oxide restorations

Zirconium oxide is becoming rapidly popular due to its high strength, biocompatibility and aesthetic benefits, in particular with highly translucent variations. The use of monolithic zirconium oxide is also continually increasing, especially in molar applications. The high strength of this material, however, also puts the rotary instruments to the test. Particularly zirconium oxide, which is inclined to form micro-cracks when prepared incorrectly, requires specifically tailored instruments. Preparation must be completed without local heat builds and should produce highly aesthetic results with optimal cost-effectiveness. Another important issue is the abrasion of the antagonist because of a rough occlusal surface of the zirconium oxide restoration. A well polished surface shows a much smoother surface compared to a glazed one and has therefore clear advantages regarding the antagonist friendliness.

With the Jota **ZIR Gloss Chairside Kit** for Preparation and Polishing we are providing a precisely coordinated system, which delivers rotary instruments for all working steps. The specifically developed two-stage diamond polisher range based on the new Jota Swivel technology is completed by the proven Jota diamond instruments with optimized diamond grits for efficient cutting performance and durability. The new Jota Swivel ZIR Gloss polishers create a perfect high glossy surface and are ideal for polishing the occlusal areas. They show huge advantages compared to the classical flame shaped polishers regarding efficiency and durability.



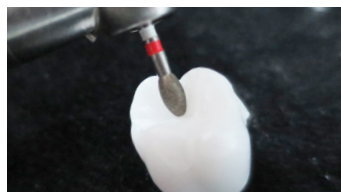
Trimming the connection points:

The connection point of the support bar or sprue is trimmed by using the **Glaze Prep GP662**. No water cooling required! Otherwise the restoration has to be dried before sintering.



Smoothing the surface:

For surface smoothing and elimination of possible faults (e.g. errors caused by the trimming process) use the **Glaze Prep GP662**. Thinning of margins after the sintering process and adjusting contact points are done with same instrument.



Preparing the occlusal surfaces:

If required, the occlusion and the occlusal contact points can be adjusted by using the **Diamond Z833F**. The Diamond is also interdentally used with multi-unit restorations.

Recommended speed:

The speed should be set at about 25'000 rpm.

Recommended speed:

The speed should be set at about 25'000 rpm.

Recommended speed:

The speed should be set at about 160'000 rpm.



Adjustments for perfect fit

For adjustments after the sintering process like margin thinning or small corrections for a perfect fit the **Diamond Z850F** is used.

Recommended speed:

The speed should be set at about 160'000 rpm.



Pre-polishing the surface and occlusion

The new Jota **Swivel Polisher ZIR9863M** is perfect for pre-polishing the surface especially the occlusion. After small adjustments the Swivel is ideal to recover the initial surface gloss and smoothness.

Recommended speed:

The speed should be set at about 10'000 - 12'000 rpm.



High-lustre polish of the surface:

The surface is finally precisely polished to a high-lustre using the **Swivel ZIR9863F**. High-lustre polishing supports the zirconium oxide with added stability and reduces the abrasion of the antagonist.

Recommended speed:

The speed should be set at about 10'000 - 12'000 rpm.

Final result



jota kit 1441

ZIR GLOSS CHAIRSIDE KIT

ZIR9861M.RA.040



The new Jota Swivel from the ZIR Gloss series shows perfect results and durability. The dark green Swivel designed for pre-polishing with a medium diamond grit and a specially developed bonding is ideal to pre-polishing the occlusal surface.

↻ 10'000 -12'000 rpm

ZIR9861F.RA.040



The light green Jota Swivel from the ZIR Gloss series with fine diamond grit size is the final stage of the polishing system. This diamond polisher is primarily used for high-luster polishing of the occlusal surface and shows huge advantages compared to the classical flame shape.

↻ 10'000 - 12'000 rpm

GP662.RA.035



The Glaze Prep is a bullet shaped multi use abrasive. It is optimally suited for reworking and corrections of surfaces as well as trimming sprues and adjusting contact points. This instrument is used without water cooling on zirconium oxide.

↻ 25'000 rpm

Z833F.FG.023



Diamond trimmer with bonded fine diamond grit. In the case of the Z diamonds special grains with very regular angles and flat surfaces are used to provide efficient cutting performance and durability. This bullet shaped instrument is ideal for small adjustments on occlusal surfaces after the sintering step.

↻ 160'000 rpm

Z850F.FG.018



Diamond trimmer with bonded fine diamond grit same as used for Z833F. This instrument features a very smooth surface after preparation. The conical shape with rounded tip is ideal for the reworking margins.

↻ 160'000 rpm

JOTA-Dealer:

108002.5950.0279 - 02/2017