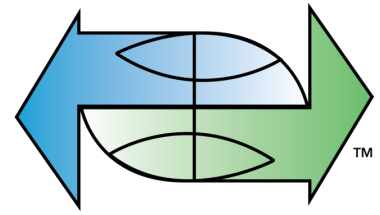


jota kit 1444 PEEK-Prepare

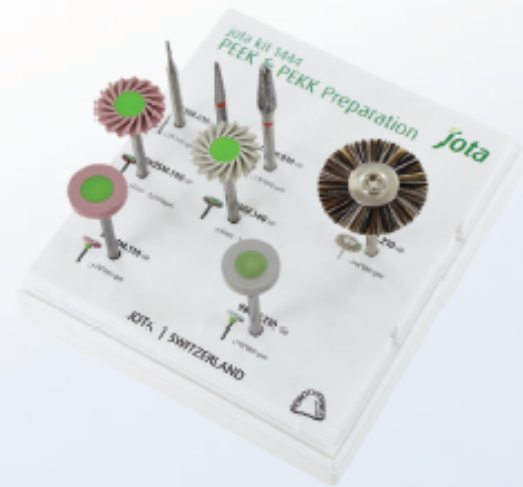


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since 1997.

High-performance instruments for high-performance polymers!

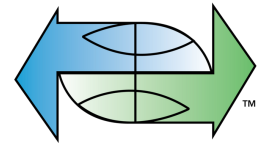
- › Benefit from the advantages of this biocompatible high-performance polymer
- › Carbide cutters for surface processing
- › New SWIVEL technology diamond polishers for smoothing and gloss polishing
- › Horsehair brush for final high-gloss



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Jota kit 1444 PEEK-Prepare



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For optimal processing of high-performance polymers

The materials PEEK (polyether ether ketone) and PEKK (polyether ketone ketone) count among the group of partially crystalline thermoplastic polyaryl ether ketones (PAEK) and on account of their high biocompatibility, sterilizability and X-ray opacity they are used in medicine as an alternative to titanium. These high-performance polymers provide low weight, low heat absorption, high shock absorption and high compressive strength, similar to human bone. The dental indication for these materials reaches from individual abutments, bars, secondary structures, veneered crowns and bridges, as well as long-term temporaries.

With the Jota PEEK/PEKK laboratory processing and polishing system, we provide a specifically adapted system with high performance rotary instruments for all working steps - from separating the restoration through to final polishing. The two-stage diamond polishing system completed by the Jota Swivel technology is supplemented with carbide burs and a high-gloss polishing brush. The innovative Swivel technology allows perfect polish also on uneven surfaces. In addition for high luster the horsehair brush could be combined with the optional available polishing emulsion 1550. The Jota PEEK-Prepare Kit allow top results with this outstanding material!



Separating the restoration:

The restoration is separated from the blank using the CX23SR carbide Instrument.



Trimming the support bar:

The connection point of the support bar can be trimmed by using the CQ79F carbide cutter. This bur can also be used to rework and correct larger areas.



Interdental processing:

The interdental surface is smoothed using the CX23F carbide cutter. Any roughness or defects (e.g. from the grinding process) can also be removed.

Recommended speed:

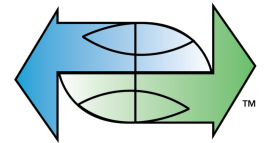
The speed should be set at about 25'000 rpm.

Recommended speed:

The speed should be set at about 35'000 rpm.

Recommended speed:

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Pre-polishing the surface:

The diamond polisher 9804M is used to pre-polish the surface and to prepare for high gloss polishing. Smaller corrections and reworking the margins can also be done with this diamond polisher.

Recommended speed:

The speed should be set at about 7'000 - 12'000 rpm.



Gloss polishing the surface:

Interdental spaces and occlusions are gloss polished with the Swivel 9805F. Excessive pressure should be avoided when using this diamond polisher!

Recommended speed:

The speed should be set at about 7'000 - 12'000 rpm.



Pre-polishing the occlusion:

The new Jota Swivel 9805M adapts perfectly also to uneven surfaces and is used to pre-polish the occlusal surfaces and the interdental areas.

Recommended speed:

The speed should be set at about 7'000 - 12'000 rpm.



High-gloss polishing:

The horsehair brush 1123 in combination with the optional Jota Emulsion 1550 is used for final high gloss polishing.

* Emulsion not included in the Kit

Recommended speed:

The speed should be set at about 7'000 - 10'000 rpm.



Gloss polishing the surface:

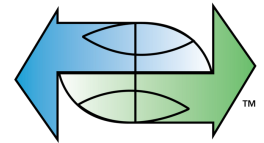
The surface is specifically polished to a gloss using the diamond polisher 9804F.

Recommended speed:

The speed should be set at about 7'000 - 12'000 rpm.

Final result:





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Jota kit 1444 PEEK/PEKK processing kit

CX23SR.HP.010

Carbide instrument with slim working part to separated the restoration from the blank.



↻ 25'000 rpm

9804M.HP.110

Diamond polisher with medium grain size for pre-polishing the surface and margins.



↻ 7'000 - 12'000 rpm

CQ79F.HP.040

cross-cut carbide cutter for efficient processing and a smooth surface.



↻ 35'000 rpm

9805M.HP.140

The new Jota Swivel diamond polisher offers outstanding durability and impressive polishing results. The red-brown Swivel is the first stage of the polishing system and is primarily used for pre-polishing of the occlusal surface.



↻ 7'000 - 12'000 rpm

CX23F.HP.023

X-cut carbide cutter for small adjustments and finishing interdental spaces.



↻ 35'000 rpm

9804F.HP.110

Diamond polisher with fine grain size for gloss polishing the surface and margins.



↻ 7'000 - 12'000 rpm

1123.HP.210/ 1550

Horsehair brush with firm bristles for final high-gloss polishing. Perfect in combination with optional Jota Emulsion 1550. Apply just one drop of the emulsion on the restoration and polish.



↻ 7'000 - 10'000 rpm
* Emulsion not included in the Kit

9805F.HP.140

The new bright Jota Swivel diamond polisher is the second and final stage of the polishing system and is primarily used for high-lustre polishing of the occlusal surface. It offers enormous benefits compared to the classic flame shape.



↻ 7'000 - 12'000 rpm