JOTA SWITZERLAND

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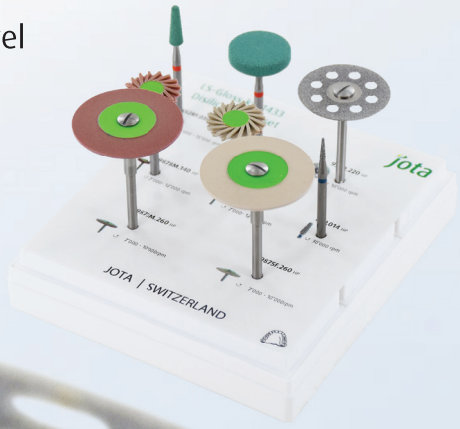
jota kit 1433
LS Gloss Laboratory

A perfect lithium disilicate restoration using just one set, now with a new Swivel technology!

- A diamond disc for separating retention bars or sprues
- Diamond stones for trimming and smoothing the frameworks and margins
- Specially developed and coordinated diamond polishers for use with lithium disilicate (LS Gloss)
- Perfect high gloss of the occlusal sufaces thanks to the new Jota Swivel
- A single diamond for finishing the fissures



swiss laboratory

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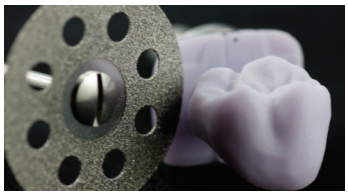
Perfect high-lustre for lithium disilicate restorations

Lithium disilicate is becoming increasingly popular due to its high strength, aesthetic benefits, continually increasing indications and now very diverse processing. This high-strength glass-ceramic is available both as a block and blank for CAD/CAM application and also as compressible ceramic. The high strength of this material also puts the rotary instruments used for final preparation to the test. Instruments prevent from heat build up and results in highly aesthetic results with optimum cost effectivness.

With the Jota LS Gloss Laboratory preparation and polishing system we provide you with a precisely coordinated system, which caters for all working stages using rotary instruments from separating the restoration to high-lustre polish. The specially developed two-stage diamond polisher range is completed by the proven Jota Diamond Stones and diamond instruments. A perfect high lustre is achieved in only two polishing stages using the new LS Gloss polishing system, whereby a glaze firing is no longer necessary! Thanks to the new Jota Swivel technologie, pronounced occlusal surfaces can be perfectctly polished.



Separating the restoration:

The restoration is separated from the block or press sprue using the **932D** diamond disc. Additional water cooling is not required. It should be noted here that a blunt diamond disc could lead to increased heat build-up, particularly with pressable ceramics!

Recommended speed:

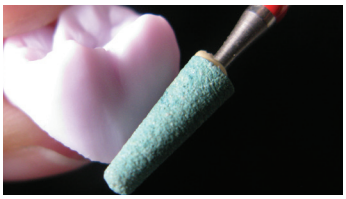
The speed should be set at approx. 10'000 rpm.

Trimming the connection points:

The connection point of the support bar or sprue is trimmed using the **Diamond Stone SD716F.** The contact points can also be adjusted using this diamond rotary instrument.

Recommended speed:

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

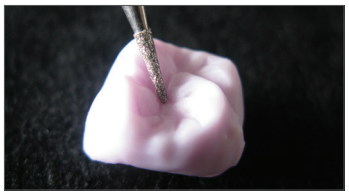


Smoothing the surface:

Diamond Stone SD652RF is suitable to remove minor defects (air bubbles) and to trim and smoothen the surface and to thin out larger margins.

Recommended speed:

The speed should be set at approx. 10'000 - 15'000 rpm.

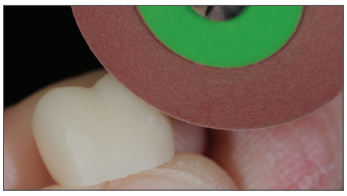


Preparing the occlusal surfaces:

If required, the occlusion is adjusted using diamond **849**. The diamond can also be used interdentally with multi-unit restorations.

Recommended speed:

The speed should be set at approx. 30'000 rpm.



Pre-polishing the surface:

LS9875M is best suitable to pre-polish the surface and to prepare for high-lustre polishing. Minor adjustments can be made as well.

Recommended speed:

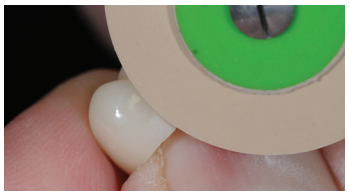
The speed should be set at approx. 7'000 - 10'000 rpm.

Pre-polishing the occlusion:

The new Swivel **LS9878M** is optimal for pre-polishing the occlusal surface. Avoid excessive pressure!

Recommended speed:

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

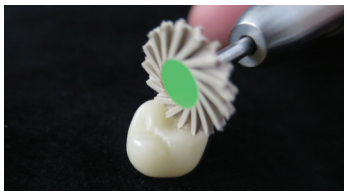


High-lustre polish of the surface:

The surface is finally precisely polished to a high-lustre using the **LS9875F**. A glaze firing is no longer necessary due to this surface finish.

Recommended speed:

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



High-lustre polish of the occlusion:

The **Swivel LS9878F** is used for the final high-lustre polish of the occlusion.

Recommended speed:

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

Final result

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932D.HP.220

Diamond disc fully coated on both sides in a light, flexible design. The disc is 0.3 mm thick and is ideal for separating supports or sprues.

↺ 10'000 rpm

SD716F.HP.150

The Diamond Stone is optimally suited with the fine diamond grit size for preparing high-strength glass porcelain. A highly convincing cutting capacity and very fine surface are achieved using moderate pressure application. The wheel design of the Diamond Stone makes it ideal for preparatory work and trimming connecting points.

↺ 7'000 - 10'000 rpm

SD652RF.HP.035

The high-performance Diamond Stone is very efficient, particularly with hard pressable ceramic which has attained its final strength. The cone shape is suitable for reworking and adjustment of the surface.

↺ 10'000 - 15'000 rpm

849.HP.014

Diamond trimmer with galvanically bonded medium natural grit. This instrument features an excellent cutting capacity with a long service life. The conical shape with rounded tip is ideal for the reworking of fissures.

↺ 30'000 rpm

LS9875M.HP.260

Diamond polisher from the LS Gloss series with a medium diamond grit size and specially coordinated binder. The polisher is the first step of the polishing system and is used for pre-polishing the surface. The flexible lens shape also makes the polisher highly suitable for thinning margins.

↺ 7'000 - 10'000 rpm

LS9878M.HP.040

The new Jota Swivel from the LS Gloss series has an enormous lifetime and reaches impressive 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 - 10'000 rpm

LS9875F.HP.260

Diamond polisher from the LS Gloss series with a fine diamond grit size. The polisher is the second and final stage of the polishing system and is used for the high-lustre polish of the surface. The flexible lens shape adapts optimally to the surface.

↺ 7'000 - 10'000 rpm

LS9878F.HP.040

The new bright Jota Swivel from the LS Gloss series 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- 10'000 rpm

JOTA Dealer:

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