

Zirconia and lithium disilicate ceramic lab tools for (mostly) dry application

Application:

Contouring and polishing of sintered zirconia and lithium disilicate. Adjustment grinding on green state zirconia.

General rule:

Whenever you can see individual diamond particles with your eye in or on instruments water cooling  is required! Strictly avoid sparks.

Mode of Application:

Contouring and shaping of zirconia

HP diamonds for zirconia Handpiece 5' – 30000 rpm, low pressure 

Diazircon coarse 9848 G 040 // Handpiece 3' – 18000 rpm, low pressure 
9507 G 110 // Handpiece 3' – 5000 rpm, low pressure 

800HP // Handpiece – 10000 rpm, medium pressure 
801HP // Handpiece – 10000 rpm, medium pressure 

810HP // Handpiece – 10000 rpm, medium pressure 
811HP // Handpiece – 10000 rpm, medium pressure 

Pre polishing zirconia

Diazircon medium 9848 035 // Handpiece 3' – 15000 rpm, medium pressure 
9502 060 // Handpiece 3' – 15000 rpm, medium pressure 
9777 170 // Handpiece 3' – 8000 rpm, medium pressure 
9507 110 // Handpiece 3' – 5000 rpm, medium pressure 

Poli-Max III 820HP // Handpiece – 10000 rpm, medium pressure 
821HP // Handpiece – 10000 rpm, medium pressure 

Mirror polishing zirconia

Diazircon polish 9507 C 050 // Handpiece 3' – 5000 rpm, medium pressure 
9500 C 150 // Handpiece 3' – 10000 rpm, medium pressure 

Poli-Max Supergloss 830HP // Handpiece – 10000 rpm, medium pressure 
831HP // Handpiece – 10000 rpm, medium pressure 
832HP // Handpiece – 10000 rpm, medium pressure 

Contouring and shaping of green state zirconia

Poli-Max 2-Phase 850HP // Handpiece 5 – 10000 rpm, medium pressure 
white part abrasive – blue part fine adjustment

Poli-Max 2-Phase, fine 840HP // Handpiece 5 – 10000 rpm, medium pressure 
grey part abrasive – white part fine adjustment

Contouring and pre polishing of lithium disilicate ceramics

**Zirconia and lithium disilicate ceramic lab tools for
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Poli-Max III 820HP // Handpiece – 10000 rpm, medium pressure
 821HP // Handpiece – 10000 rpm, medium pressure



Mirror polishing of lithium disilicate ceramics

Poli-Max Supergloss 830HP // Handpiece – 10000 rpm, medium pressure
 831HP // Handpiece – 10000 rpm, medium pressure
 832HP // Handpiece – 10000 rpm, medium pressure



Risks:

Avoid inhaling ceramic dust!

Manufacturer:

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