

SURFACE TREATMENT GUIDELINE

ZOLID POLISHING DENT KIT - TWO STEP POLISHING SYSTEM

Especially with monolithic restorations made of zirconia, it is important to polish the contact surfaces after processing in order to avoid possible abrasion on the opposite tooth. During the try-in of the restorations, the static and dynamic occlusion contacts are checked. If imperfections are subsequently reworked, grinding must be carried out with the correct abrasives. The new Polishing Dent Kit from Amann Girrbach is ideal for polishing zirconia in the patient's mouth. The polishing heads are available in different shapes and grades for optimum high-gloss polishing and surface quality.

OPTIMUM HIGH-GLOSS POLISHING AND SURFACE QUALITY



Diamond polishers "Swivel" for smoothing and polishing at a speed of 10,000 - 12,000 rpm



Diamond polishers "Flame" for smoothing and polishing at a speed of 7,000 - 12,000 rpm

STEP 1:
POLISHING WITH SWIVEL
OR FLAME DIAMOND POLISHER



Diamond polishers "Swivel" for high gloss polishing with a speed of 10,000 - 12,000 rpm



Diamond polishers "Flame" for high gloss polishing with a speed of 7,000 - 12,000 rpm

STEP 2:
HIGH GLOSS POLISHING SWIVEL
OR FLAME DIAMOND POLISHERS

THE MOST IMPORTANT POINTS AT A GLANCE

- _ Processing of zirconia with a water-cooled turbine at the recommended speeds to avoid overheating**
- _ Especially with monolithic restorations, the surface must be highly polished to avoid abrasion on the antagonist**
- _ Studies confirm that polished contact points of monolithic zirconia restorations show hardly any abrasive effects on the antagonist in contrast to only glazed or veneered contact surfaces¹**
- _ Monolithic restorations must be checked in the patient's mouth once a year, taking into account the remaining dentition, the antagonists and the soft tissue**



ORDERING INFORMATION

875550 Zolid Polishing Dent Kit	
875551	Smoothing and pre-polishing/swivel
875552	High gloss polishing / swivel
875553	Abrasive
875554	Gloss polishing / flame
875555	High gloss polishing / flame
875556	Diamond

¹ Source: Wear of zirconia ceramics and human enamel, Bogna Stawarczyk1, Mutlu Özcan1, Felix Schmutz2, Albert Trottmann1, Malgorzata Roos3, Christoph H.F. Hämmeler1

² Pictures: Dr. Michael Fischer, Pfullingen