

# POLISHING INSTRUCTIONS FOR **VISALYS® FILL** & **VISALYS® FLOW**

DENTAL RESTORATION



# 1. CONTOURING & 2. FINISHING

**1. Contouring** (rough finishing) the shape, removing any excess, and adapting the occlusion with coarse (ISO 534, green) diamond burs using water cooling.



**2. Finishing** (fine) with diamond burs using water cooling from



fine (ISO 514, red) to extra fine (ISO 504, yellow) to ultra fine (ISO 494, white).  
(Note: Hard-metal finishing burs are not suitable for these composites!)

### 3. POLISHING (INCL. HIGH-GLOSS POLISH)

**3. Polishing:** Use a multi-step polishing system for high-performance composites without additional polishing pastes. You can achieve very good results with the twist polishers that are available from Meisinger, Komet, NTI, Busch, EVE Ernst Vetter, and many others.

Apply polishers with low pressure and wiping movements. In general, large polishers should always be selected and used to avoid creating pits and fissures as a result of using a polisher that is too small.





## ADDITIONAL RECOMMENDATIONS

For all three work steps (contouring/finishing/polishing), the following rules must always be observed:

1. Apply shaping and polishing instruments in the correct order from coarse to fine.
2. Comply with the manufacturer's specifications for the correct speed and any water cooling that is needed.
3. Applying heat to the composite surface must be avoided. Note the speed, application pressure, and any water cooling required.
4. Select suitable instrument sizes based on the intended use, for example, for shaping the occlusal relief.

## PRELIMINARY NOTE

Modern highly filled composites have a surface that is almost as hard as a natural tooth. Composites such as **Visalys®** Fill and **Visalys®** Flow with an extremely high fraction of inorganic fillers require appropriate polishing with premium diamond polishers.



You can learn how to polish the highly filled nano-hybrid composites from Kettenbach Dental in particular to a high shine.



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WITH **VISALYS®** FILL & **VISALYS®** FLOW