

EN Diamond Burs Kit

READ CAREFULLY BEFORE USE

INDICATIONS FOR USE

Preparation of abutment teeth for CAD/CAM restorations

PRECAUTIONS & WARNINGS

1. This product is intended for use by dental professionals only.
2. Do not use this product for any purpose other than specifically outlined in these instructions for use.

DIRECTIONS FOR USE

1. Sterilize diamond burs before each use.
 - Sterilization method: autoclave this product for 3 min at 134 °C (273 °F).

Cycle Type	Holding time	Temperature	Dry time
Pre-vacuum (3 times)	3'00"	134°C/ 273°F	10'00"

 - Remove any contaminants, using washer disinfectant.
 - Do not immerse diamond burs into chlorine disinfectants.
 - Follow the instructions for use of washer disinfectant and sterilizer, respectively.
2. Mount a diamond bur on a dental handpiece (dental air turbine, micro motor etc.).
 - Insert the shank completely into the chuck of the handpiece, following the manufacturer's instructions.
 - Perform test run to check safety and smooth operation without run-out prior to use.
 - Make sure that head of a diamond bur is in good condition before use. Do not use damaged or defective instruments i.e. corrosion, surface flaw, deformation, dirt, exposure of shank due to repeated use.
3. Use following the standard manner.
 - Never exceed the maximum permissible rotating speed.
 - Use local dust extractor, protective mask, etc while finishing to avoid adverse effect of dust to the human body.
 - Use protective equipment such as glasses while using.
 - Use intermittently with gentle touch and water spray.
 - Avoid any use at acute angles or with excessive pressure to thin and long abrasives. They are fragile and may bend or fracture under excessive loads.

4. For reuse after using them intraorally, remove any contaminants immediately using washer disinfectant and sterilize.

CAUTION: US Federal law restricts this device to sale by or on the order of a dental professional.

For the details about REPROCESSING procedures, visit www.shofu.de.



CAD/CAM PREPARATION KIT

[PN] 08331 08361 836V1 08391 839V1 08931 893V1 08821 882V1 808V1 889V1

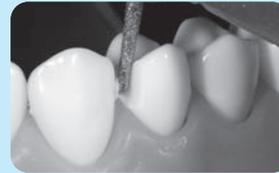
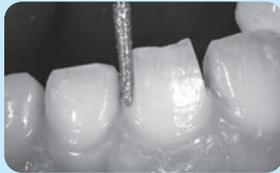
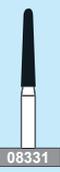
	08331	08361	836V1	08391	839V1	08931	893V1	08821	882V1	808V1	889V1
Diameter(φmm)	1.7	2.1	2.1	2.3	2.3	2.9	2.9	2.1	2.0	1.3	2.8
Head length(mm)	9.0	9.0	9.0	9.0	9.0	4.9	4.9	5.0	5.0	8.0	5.6
Length(mm)	22.0	22.0	22.0	22.0	22.0	19.0	19.0	19.0	19.0	22.0	19.0
Max. rotation speed(min ⁻¹)	300,000	300,000	300,000	300,000	300,000	160,000	160,000	300,000	300,000	300,000	160,000

Anterior

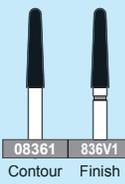
[How to form abutment tooth using this kit]

Posterior

1. Slice cut



2. Forming: after contouring with regular point, polish the surface with super fine point.

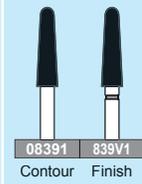


Incisal

Axial surface



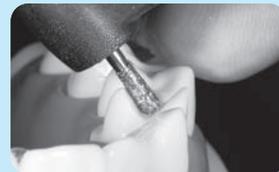
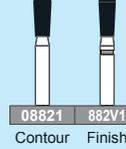
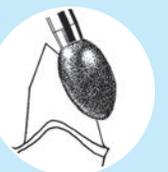
Axial surface



If necessary, use them for axial surface.



Palatal surface



Occlusal surface

3. Creating curve surface: secure the thickness of abutment, especially on incisal and cusp tips, and create curve.

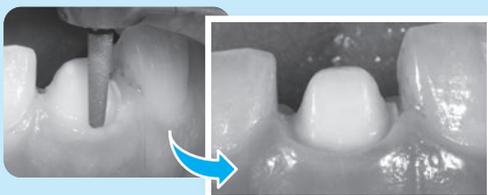
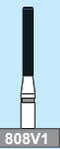


Add thickness and curve to incisal

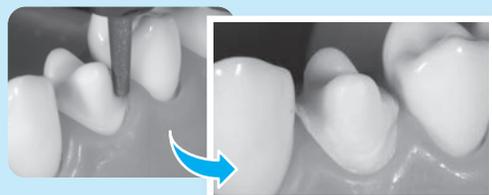
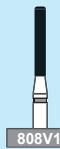


Add thickness and curve to occlusal surface

4. Finish line



Complete



Complete

5. Line angel