

# DENTSPLY Diamond Burs

## Directions for Use

### WARNINGS AND CAUTIONS:

This product is intended for use by dental professionals only.

Observe all cautions and warnings including:

- Burs should be heat sterilised between patients to prevent cross-contamination which could result in serious illness or even death from infectious organisms such as HIV (the virus that causes AIDS) or Hepatitis B.
- WARNING: This Product contains Nickel.
- Contaminated burs should be handled with gloves and eye protection should be used.

### INDICATIONS FOR USE:

This product is to be used for cutting and preparation of teeth and dental materials by a qualified Dental Practitioner.

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## INSTRUCTIONS FOR FIRST USE:

### Removal from packaging:

Open the pack and gently tear the pouch to remove the bur.

### Inspection before use:

- Check for any damage that may have occurred during shipping.
- Cutting edges should be free of defects.
- Check long/slender burs for distortion.
- Discard damaged or distorted burs.

### To install a bur in a handpiece:

Follow instructions for use supplied with your handpiece for inserting and securing the bur in the chuck. Burs must be inserted all the way into the chuck for proper bur retention - do not extend burs outward from the handpiece head. Loose or extended burs could eject from the chuck or break and cause injury. Make sure the bur is secure before operating the handpiece.

Excessive chuck wear may allow a bur to move forward during operation. Do not operate the handpiece if the bur moves forward.

### Using the bur:

The handpiece must be suitable for ISO 1.6mm type 3 FG burs and in proper working condition per the manufacturer's requirements.

Use of excessive speeds or cutting force near to the dental pulp can endanger its vitality; ensure sufficient use of water spray to provide cooling of the material being worked on.

### To remove the bur from the handpiece:

Be sure bur has completely stopped rotation and follow the handpiece manufacturer's instruction.

## INSTRUCTIONS FOR RE-USE:

### Limitations on re-use:

Inspect burs for wear; worn burs will not cut efficiently and may generate and transfer excessive heat to the material being cut.

### Cleaning:

Remove all excess soil with disposable paper or cloth or a DENTSPLY Bur Brush (product code 62499050).

Ultrasonic Cleaning may be used to remove excess debris; burs should not be allowed to touch each other or any hard surfaces during this process. Use only a pH neutral detergent or solution.

### Inspection criteria for re-use:

- Visually inspect to ensure all contamination has been removed.
- Check for damage or wear.
- Cutting edges should be free of defects.
- Discard damaged or corroded burs.
- Ensure burs with long, slender features are not bent or damaged.
- There may be evidence of discoloration after sterilisation. This is normal and should not affect performance.

### Maintenance:

Discard damaged burs.

### Sterilisation:

Steam autoclave (bagged) at 134°C/274°F for a minimum of 3 minutes.

### Additional information:

When sterilising multiple burs, ensure that the autoclave manufacturer's stated load is not exceeded. Follow instructions for use issued by the autoclave manufacturer.