



Product Name : MANI CARBIDE BURS



READ THE INSTRUCTION BEFORE USE



NON STERILE

Before using the MANI CARBIDE BURS, please see the instruction manual as indicated below.

<Warnings>

1. Only skilled dentists are allowed to use.
2. Be sure to sterilize this product for each use.
3. Do not use this product except for the dental service and treatment. Use it in accordance with the intended use.

<Contraindications and prohibitions>

1. Do not use this product for a patient who indicates sensitization and allergic reaction.

<Structures and principals>

1. This product is used by connecting to dental handpiece and rotates to grind hard materials and tissues. It is the dental carbide burs with stainless steel shank and non-sterile instrument.
2. Main materials
 - 1) Working part: Tungsten carbide, Cobalt
 - 2) Shank : Tungsten carbide, Cobalt ※※Certain types of this product have stainless steel (including nickel and chromium) shank.



※Above image is one example among many.

<Purpose of use and effect-efficacy>

This instrument has the tungsten carbide working part and defined as the rotary grinding instruments for hard tissue such as tooth and bones. It is used connecting with dental handpiece. It can also be used for grinding metal, plastic, porcelain and other hard materials.

<Specifications>

Neck strength must exceed specified value of our standard.

<Method of manipulating or method of use>

According to its intended use, choose the most appropriate MANI CARBIDE BURS and use it for grinding hard tissues etc.

Possible Combinations with handpiece

1. Use a dental handpiece which can hold the shank precisely. (Diameter of Friction grip shank: ϕ 1.6mm and ϕ 2.35mm)**
2. Use a handpiece which could control at allowable engine speed.
3. Use a handpiece with water spray system.

<Precautions for use>

1. To prevent infection, sterilize the product by autoclave and make sure sterilization is completed before using.
2. Use with "feather touch" and keep the allowable engine speed strictly as over speed could cause fractures and injury (※1)
3. Follow instructions of a handpiece manufacturer strictly and insert the shank all the way to avoid its half-way chucking.
4. The handpiece should be used in accordance with its instructions.
5. Choose the most appropriate type for each case and follow the general method.
6. Before using, run the instruments outside of oral cavity to make sure that there is no distortion.
7. Before using, make sure the instruments outside of oral cavity that there are no deformations, scratches, cracks and tarnishes.
8. If the head of instruments is thin, long or large, there are possibilities for breaking or twisting. Because of this, be sure to avoid using unreasonable angle and excessive pressure.
9. Use with water spray system to cool down ground material & the edge of this product. If appropriate watering would be difficult, use another watering system to cool down the product.
10. Wear safety glasses to protect your eyes from damage. Also, wear a dust protective mask to prevent inhaling dust.
11. Wear rubber dam etc. to avoid accidental ingestion and falling.
12. Do not use this instrument for any purposes except for listed applications above.
13. Only for use by dentists.
14. This product should be treated as medical waste when disposed.

15. Dispose the instrument if damaged or contaminated.
16. After using, wash it with medical cleaning agent and brush, then wash away foreign substances such as adherent body fluids and body tissues completely.
17. Set the product to a stand when cleaned by ultrasonic cleaner to avoid working part deterioration.
18. Use this instrument with great care to avoid puncturing fingers because of its possession of sharp-edged part.
19. In case of using 25mm or 28mm burs, ensuring to use the contra micro-motor (x4, x5 speed etc.) and observe strictly stay within a maximum allowable min⁻¹ (※2)**
20. This product has possibility that be corrosive if sunk into NAOCL, EDTA etc. for a long time.*

(※1)See package label for each allowable engine speed.

(※2)Allowable engine speed for 25mm and 28mm are 120,000min⁻¹**

<Storages and duration of use>

1. Avoid storing at high temperature, humidity and direct sunlight. Keep liquids away. Store it at room temperature.
2. Do not damage or make a pinhole to packaging materials.
3. This product is subject to be improved without previous notice. Enforce first-in first-out method for stock management.
4. Do not store the instrument under a germicidal lamp to avoid deterioration.

<Maintenances and inspections>

1. Sterilize this product by autoclave under established method and term for each use.
Method of sterilization:
Put this product in a sterilization pack(or foil) and place it on a sterilization tray for autoclave sterilization with reference to the following terms .
Terms for sterilization:
term(1) temperature: 121degrees Celsius time: 20 minutes or more
term(2) temperature: 126degrees Celsius time: 15 minutes or more
2. Do not use high pressure steam sterilizer which heats more than 200 degrees Celsius including drying process.
3. When reusing the instrument, wash away foreign substances completely and sterilize.
4. Regarding use of medical cleaning agent, follow the instruction manual by its manufacturer strictly.
5. Dispose the product if damaged or decreased in performance.


<Packagings>

Minimum packaging unit : 3pcs./ pack, 4pcs./pack or 5pcs./pack**
Special packaging : quantity is listed on the package label

<Legal manufacturer >

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- ※ Always keep this document near at hand. In case of loss, please contact dental department of the manufacturer for a copy.
- ※ The specifications, structures and materials are subject to be changed without previous notices for the demands of improvement.
- ※ The contents of this instruction manual are subject to be revised without previous notices.
- ※ * and ** mark indicate revised point.