

# Diamond Burs

 *perfect*<sup>®</sup>



*PERFECT Endo.*

 ***perfect***<sup>®</sup>

# 4 Key Factors For Quality And Durability!

Perfect  
Diamond  
Burs

## Uniform Diamond Coating

Strict classification ensures consistent diamond, full coverage and exposure of each diamond leading to efficient cutting and smooth preparation with reduced vibration.

Latest electroplating techniques ensure uniform diamond coating with strong bonding tech., making the burs resistant to wear and providing smooth cutting.

## Dynamic Raw Material Selection

Imported natural diamond crushed and processed to remove impurities, demagnetized, rounded, and purified.

## Optimal Embedding Of Diamond Particles

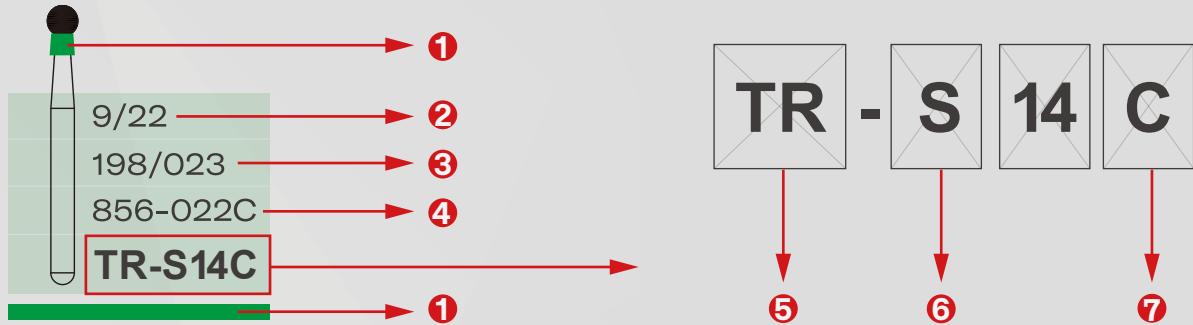
Controlled embedding depth ensures cutting efficiency, minimizes grit loss, and reduces heat accumulation, thus lowering the risk of pupal accident.

## Excellent Concentricity And Durability

One piece Precision Ground Shanks ensure the better concentricity and durability, with minimal heat generation with minimal heat generation, ensures maximum runout accuracy even after several uses and guarantees accurate work.



# Graphic Diamond Burs



## 1 Color Codes:



## ② Working Length/Full Length

## ③ ISO No. (Apical Diameter)

| Apical Diameter (1/10mm) | Rotary Speed (rpm) | Maximum Speed (rpm) |
|--------------------------|--------------------|---------------------|
| 008-010                  | 75.000-150.000     | 450.000             |
| 012-014                  | 60.000-110.000     | 450.000             |
| 016-018                  | 45.000-88.000      | 450.000             |
| 021-023                  | 40.000-75.000      | 300.000             |
| 025-027                  | 30.000-65.000      | 160.000             |
| 029-031                  | 25.000-56.000      | 140.000             |
| 033-040                  | 22.000-45.000      | 120.000             |
| 042-050                  | 20.000-37.000      | 95.000              |
| 055-060                  | 17.000-32.000      | 80.000              |
| 065-080                  | 13.000-26.000      | 60.000              |

## ④ US Number

## ⑤ Shapes And Uses Of Working Parts

|                         |   |  |
|-------------------------|---|--|
| BR<br>Ball              |    | For depth determination and caries removal.                                  |
| BC<br>Inverted Cone     |    | For undercut preparation.  |
| SI<br>Inverted Cone     |  | For undercut, depth determination, and finishing.                            |
| DI<br>Inverted Cone     |  | For undercut preparation.  |
| WR<br>Wheel             |  | For occlusal surface preparation and finishing.                              |
| SF<br>Flat-End Cylinder |  | For cavity preparation and depth grooving.                                   |
| TF<br>Flat-End Taper    |  | For 90-degree shoulder preparation in PFM (Porcelain-Fused-to-Metal) crowns. |

|                          |  |  |
|--------------------------|--|--|
| SR<br>Round-End Cylinder |   | For cavity preparation and cervical depth grooving.                          |
| TR<br>Round-End Taper    |  | For all-ceramic crown shoulder preparation and concave shoulder preparation. |
| CR<br>Round-End Taper    |  | For inlay preparation.   |
| CF<br>Round-End Taper    |  | For tooth preparation, crown removal, and tooth division.                    |
| SO<br>Pointed Cylinder   |  | For cavity preparation and 135-degree shoulder preparation.                  |
| FO<br>Pointed Flame      |  | For occlusal surface and anterior lingual surface preparation.               |
| TC<br>Pointed Taper      |  | For axial surface preparation and opening interproximal space.               |
| CD<br>Children's Bur     |  | For pediatric cavity preparation.  |
| EX<br>Special Shapes     |  | For preparation, polishing, pulp opening, and shoulder refinement.           |
| CE<br>Ceramic Edge Bur   |  | For polishing and all-ceramic crown preparation refinement.                  |
| RS<br>Round-Edge Cone    |  | For smooth round-edge preparation.   |

## ⑥ Shank Length Notations

(Standard shank unmarked)

S: Short shank

SS: Ultra-short shank

L: Long shank

## ⑦ Grit Size (Standard Grit unmarked)

EF: Extra-Fine Grit

F: Fine Grit

C: Coarse Grit

VC: Very Coarse Grit