



# CB1S/CB1SX Cavity burs



## Ultra Sharp Tungsten Carbide Burs for Cavity Preparation

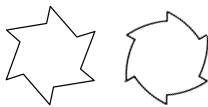
The special D+Z instruments **CB1S** und **CB1SX** allow safe and conservative excavation at low speed and low contact pressure, thus permitting precise material reduction in the dentin without causing damage to the pulp.

The Tungsten Carbide burs **CB1S** and **CB1SX** are provided with an improved blade configuration with ultra sharp blades and an S-shaped tip transversing blade – to allow easy penetration into the dentin and rapid axial reduction of carious dental substance – for maximum service life and superior cutting efficiency.

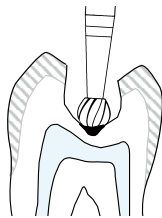
An impressive feature of the **CB1SX** is its new hybrid toothing (2 different types of toothing at the front and lateral surfaces), which allows you to achieve an even quicker, more gentle reduction of material whilst ensuring vibration-reduced operation.

### Product properties and advantages during application:

- D+Z TC instruments are made of special fine grain tungsten carbide that is condensed in a hot isostatic pressing process
  - Optimal sharpness of the blades
  - Long service life of the instruments
- Ultra sharp blades and the special blade configuration with tip transversing blade ensure an optimal cutting efficiency and precise material reduction, almost entirely without exerting pressure.
  - Prevention of heat generation due to preparations without pressure.
  - Gentle to the pulp, which minimises the risk of thermal necrosis.
- Stainless steel shank to avoid corrosion during disinfecting, cleaning and sterilization.
- Avoid contact to enamel, as this causes the ultra sharp blades to blunt quicker, thus reducing the service life of the instrument.
- To be used in the micro motor at 500 – 2000 rpm. Apply low contact pressure.
- Easy identification – the **CB1S** is marked with a green ring, whereas the **CB1SX** can be recognised by its blue ring.



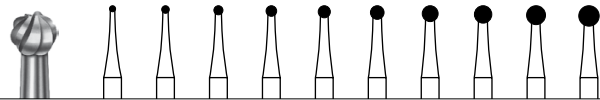
Cross-section of the **CB1S**      Cross-section of the **CB1SX**



Excavating with the **CB1S/CB1SX**



## CB1S

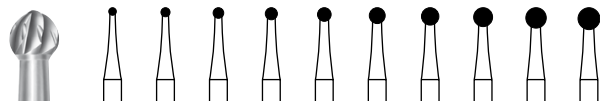


REF	CB1S	010	012	014	016	018	021	023	025	027
500.104.001.003...										
500.204.001.003...	008	010	012	014	016	018	021	023	025	027
500.205.001.003...		010		014		018		023		027
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023 = max. 300 000 min<sup>-1</sup>



## CB1SX



REF	CB1SX	010	012	014	016	018	021	023	025	027	029
500.204.001.xxx...											

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