

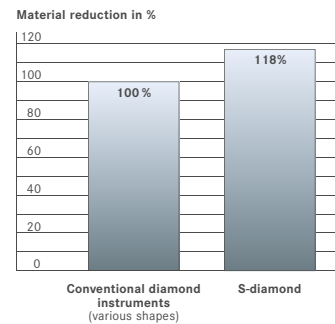


Preparation of crown cores | S-Diamonds



Improved conditions during primary preparation.

In dental surgery, the primary preparation of crown cores is one of the most time consuming steps during treatment. The use of S-diamonds is highly recommended for increased efficiency. Their particular advantages make structured diamond instruments especially suitable for a gentle treatment. The combination of a structured blank and coarse grit allows quick and effective substance removal and improved cooling. The faceted structure of the blank reduces clogging and consequently the generation of heat. All in all, the operation becomes notably more effective. A comparison between conventional diamond instruments and S-diamond instruments under usual conditions clearly shows a measurably higher material reduction when using structured instruments.



The time saved during treatment is equally beneficial to you and your patients.

Recommendations for use:

- The use in the red contra-angle is recommended, at an optimum speed of \varnothing_{opt} 160.000 rpm.

The maximum speed is indicated on the product label.

- Make sure to use sufficient spray cooling (at least 50 ml/min.).
- Due to the instruments' high cutting ability, only apply low contact pressure not exceeding 2N.




Instruments with a working part length of 6 mm

Cylinder with rounded edges

-  ● S6836KR.314.012
-  ● S6836KR.314.014
-  ● S6836KR.314.016

Cylinder round




-  ● S6880.314.012
-  ● S6880.314.014
-  ● S6880.314.016

Torpedo

-  ● S6877.314.012
-  ● S6877.314.014
-  ● S6877.314.016

Instruments with a working part length of 8 mm




Cylinder with rounded edges

-  ● S6837KR.314.012
-  ● S6837KR.314.014
-  ● S6837KR.314.016




Cylinder round

-  ● S6881.314.012
-  ● S6881.314.014
-  ● S6881.314.016

Torpedo

-  ● S6878.314.012
-  ● S6878.314.014
-  ● S6878.314.016

Tapered with rounded edges

-  ● S6847KR.314.014
-  ● S6847KR.314.016
-  ● S6847KR.314.018

Tapered round

-  ● S6856.314.012
-  ● S6856.314.014
-  ● S6856.314.016
-  ● S6856.314.018
-  ● S6856.314.021

Torpedo tapered

-  ● S6878K.314.012
-  ● S6878K.314.014
-  ● S6878K.314.016
-  ● S6878K.314.018
-  ● S6878K.314.021

Flame

-  ● S6862.314.012
-  ● S6862.314.014
-  ● S6862.314.016

Instruments with a working part length of 9 mm

Tapered chamfer with modified tip

-  ● S6979K.314.018
-  ● S6886K.314.018

Instruments with a working part length of 10 mm

Cylinder round

-  ● S6882.314.012
-  ● S6882.314.014
-  ● S6882.314.016




Torpedo

-  ● S6879.314.012
-  ● S6879.314.014
-  ● S6879.314.016





Tapered round

-  ● S6850.314.014
-  ● S6850.314.016
-  ● S6850.314.018




Tapered with rounded edges

-  ● S6848KR.314.014
-  ● S6848KR.314.016
-  ● S6848KR.314.018

Torpedo tapered


-  ● S6879K.314.014
-  ● S6879K.314.016
-  ● S6879K.314.018
-  ● S6879K.314.021

Flame

-  ● S6863.314.012
-  ● S6863.314.014
-  ● S6863.314.016




Instruments with a working part length of 12 mm

Cylinder round



-  ● S6882L.314.014

Occlusal/lingual reduction

Egg

-  ● S6379.314.018
-  ● S6379.314.023
-  ● S6379E.314.029 new

Bud

-  ● S6368.314.016
-  ● S6368.314.023

German patent DE 199 08 507
European patent EP 1 031 325

