

ceramic-line

sirius design shaping set
(Dr. P. Weigl)

ceramic-line (Dr. Weigl)

REF: 5562 0100

REF: 4002



System for cutting and shaping all-ceramic primary components (Dr. Weigl)

Conical all-ceramic retaining elements are used more and more frequently and successfully both in prosthodontics and in dental implantology.

Correct surface processing of these retainers, however, requires extremely high-quality diamond cutting instruments developed specifically for this purpose.

Sirius Dental Innovations and Dr. P. Weigl have succeeded in developing diamond cutting instruments that meet these high demands on surface quality and efficient processing.

DeguDent ceramic-line (Dr. Weigl) is a set of long-life diamond cutting instruments for easy use with all-ceramic materials.

Used for

- Conical all-ceramic retainers in prosthodontics and in dental implantology
- **cercon** smartceramics

Advantages and properties

- Perfectly conical at 2°
- Natural diamonds
- Effortless reduction
- Good self-cooling properties
- Long tool life thanks to a special manufacturing process
- Optimized surface texture

IMPORTANT

- DeguDent ceramic-line (Dr. Weigl) diamond cutting instruments are only available with FG shafts (2° angle and 3.0 mm shaft diameter)
- DeguDent ceramic-line (Dr. Weigl) diamond cutting instruments must be water-cooled during use

Included

- 15-part diamond cutting set
80, 40, 16, 8 and 4 nm
Round, flame-shaped or angled head
- Adapted-shape wax cutter
 - 1 diamond disk
- Packaging material
- Manual

DeguDent ceramic-line (Dr. Weigl) is available in Germany from:

DeguDent GmbH

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For more information about related products, trainings, publications and events please visit

www.sirius-dental.com

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DeguDent

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Product presentation and application

Fig. 1/2

DeguDent ceramic-line (Dr. Weigl) is available in five different grain sizes:

80 nm, 40 nm, 16 nm, 8 nm and 4 nm.

DeguDent ceramic-line (Dr. Weigl) is used exclusively within the Sirius prosthodontic system. Impression of the shaping diamonds under practical conditions.

Fig. 1/3/6

The conicity of the cutters is always 2°. There are three different cutter geometries: Rounded, angled and flame-shaped heads allow their use in different regions.

Fig. 4/5/7

DeguDent ceramic-line (Dr. Weigl) can be used for creating conical retention elements on natural teeth and on implants.

Fig. 1/3/6

Each cutter geometry comes paired with an adapted-shape wax cutter.

Fig. 8

The surface is finished using 8 nm and 4 nm diamonds and ample water cooling. Nothing like the resulting surface quality of the retention element has been achievable before.

Fig. 9

Design of the Sirius prosthodontic system retention element.

Fig. 10

A very useful supplementary product is Sirius protection-line for protected water-cooled processing of all-ceramic workpieces.

Fig. 11

Complete set

15-part diamond cutting set

80 nm ■ 40 nm ■

16 nm ■ 8 nm ■

4 nm ■

Round, flame-shaped or angled head.

Adapted-shape wax cutter, 1 diamond disk.

