



KDL Company Limited  
K Dental Lab

www.dentalk.com

**Zirkonzahn®**

World Class State-of-the-art  
Dental CAD | CAM Milling System

# 3 Zirconia Materials for CAD-CAM Milling

## 1. High Strength Zirconia

- Flexural strength 1400 MPa.
- Suitable for: substructure for layering technique Cr&Br short & long span bridge upto 14 units, implant abutment, post&core.
- Excellent metal and discolored abutment covering, when use in conjunction with opaque cement.

- ☒ Layering
- ☒ Monolithic



## 2. High Translucent Zirconia

- Flexural strength 1200 MPa.
- Suitable for: substructure for layering technique Cr&Br, monolithic Cr&Br, or combination between monolithic occlusal zirconia and porcelain veneer on labial surface (Prettau Design).
- Long-span bridge upto 14 units.
- Higher translucency than high strength zirconia.
- Advantages of monolithic zirconia for implant: no porcelain chipping, natural tooth shade, and high biocompatibility.
- Moderate metal and discolored abutment covering, when use in conjunction with opaque cement

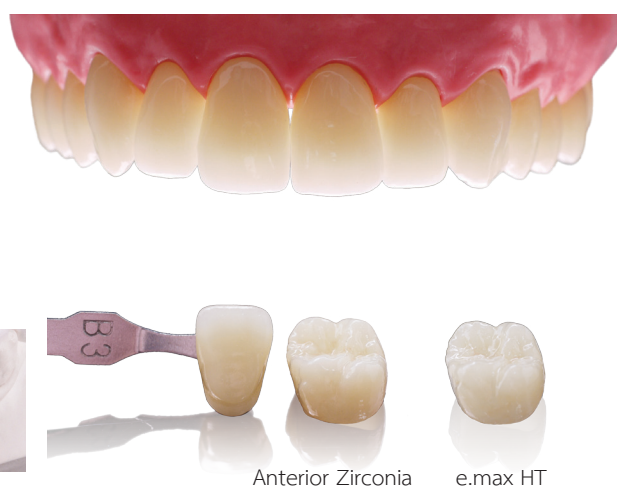
- ☒ Layering
- ☒ Monolithic



## 3. Anterior Zirconia **NEW!**

- Flexural strength 660 MPa
- Latest development of zirconia materials, higher translucency than High Translucent zirconia, as translucent as lithium disilicate.
- Suitable for substructure for layering technique for anterior tooth, especially lower anterior.
- Unable to cover metal and discolored abutment
- Ideal for monolithic: Inlay, Onlay, Crown premolar and molar
- Short-span bridge: 3 units

- ☒ Layering
- ☒ Monolithic



Anterior Zirconia

e.max HT



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