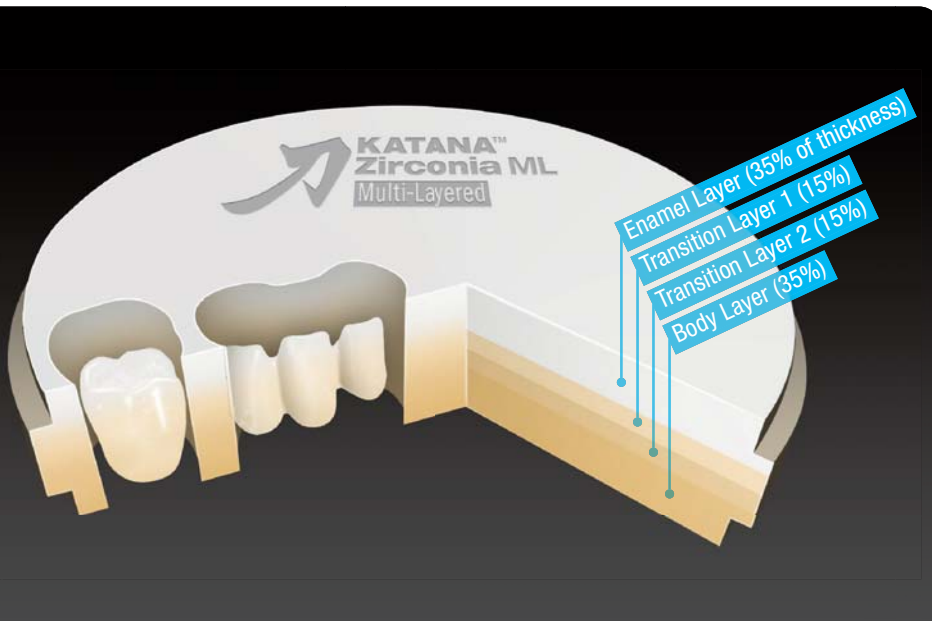


# KATANA Zirconia ML Disc

## High-performance zirconia with integrated colour shift



**\_KATANA Zirconia ML Discs are the world's first polychrome zirconia with integrated colour shift**

KATANA Zirconia ML Discs are high-performance zirconia blanks manufactured on an industrial scale and with consistently high quality. They can be used easily in everyday milling process for laboratories with milling machines. A natural-looking restoration can be achieved immediately in one step, yielding a remarkable result with a natural gradient. The shortened manufacturing process makes the discs economical and avoids possible complaints.

The KATANA range is completed by the white KATANA Zirconia HT (High Translucent) Disc, which offers additional possibilities for individual staining and veneering.

**\_The KATANA Zirconia ML (Multi-Layered) Disc** consists of four pre-coloured layers showing smooth enamel, dentine and cervical colour shifts. They represent natural tooth colours and allow dentists to achieve a natural-looking restoration.

**\_KATANA Zirconia ML yields impressive results immediately**

The sintering process can be started immediately after milling without the usual working steps like dipping or painting and drying, significantly reducing the steps in the production process. After polishing or glazing, impressive restorations can be achieved under standard conditions.

**\_Reproducibility of colours for crowns, bridges and frames by integrated colour gradation**

The reliability of KATANA, Noritake's high-performance zirconia material, has been proven scientifically.<sup>1</sup> Reproducibility has been further developed and with KATANA Zirconia ML we have succeeded in making predictable and aesthetic results as easy to achieve as possible.

The CERABIEN ZR Stain can be used for the KATANA Zirconia range. Conventional glazing and polishing techniques can be used as well.

Technical details:

- \_Pre-sintered disc with collar
- \_Flexural strength: 1,050–1,100 MPa
- \_Fracture toughness: 5 MPa√m
- \_Diameter: 98.5 mm

<sup>1</sup>B.D. Flinn et al., *Accelerated aging characteristics of three yttria-stabilized tetragonal zirconia polycrystalline dental materials*, Journal of Prosthetic Dentistry, 108/4 (2012):223–30.

### \_contact

cosmetic  
dentistry

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