



## Katana zirconia

### Product Description

Noritake's Katana zirconia blocks are made of non pre-sintered oxidized yttrium ceramics for use as CAD/CAM milling blanks. Katana non pre-sintered block stabilizes the shrinkage rate, by which the fitting accuracy is consistently obtained and guaranteed. Noritake original powder treatment technology assures the exceptional fitting accuracy in only one time sintering. After sintering, Katana zirconia has an average flexural strength of 1,200 MPa. The non pre-sintered blocks come in nine pre-colored shades.

### Composition (in wt. %)

ZrO <sub>2</sub> :	> 94.4%
Y <sub>2</sub> O <sub>3</sub> :	5.4%
Other:	2%

### Technical Data

Coefficient of Thermal Expansion (50-500°C):	10.5 x 10 <sup>-6</sup> /°C
Flexural Strength (3-point bend):	1,200 MPa
Shrinkage:	21%

## Features and Benefits

### Feature

- Able to be milled at 5mm
- Nine pre-colored shades produced by colored powder, not by dipping
- FDA registered

### Benefit

- Less chipping and fewer linear cracks
- Offers even and stable colors
- Ensures consistent quality