

SHOFU DISK
ZR
Lucent

Highly translucent,
highly aesthetic, highly durable!



SHOFU Disk ZR Lucent

Discover the difference

SHOFU Disk ZR Lucent is a highly translucent zirconia material (5Y-PSZ) for the fabrication of aesthetic anterior and posterior restorations.

The presintered milling blanks come in one monolayer and several multilayer designs. They are compatible with all common CAD/CAM systems, thanks to their good millability and their diameter of 98 mm. SHOFU Disk ZR Lucent combines an outstanding flexural strength of over 1,000 MPa with high light transmission (similar to that of lithium disilicate), so you can use it for a variety of indications.

Complete your restorations by either staining and glazing with Vintage Art Universal stains or minimal layering in the cut-back technique with Vintage ZR porcelains.



Tooth 21 has received a stained and glazed monolithic SHOFU Disk ZR Lucent veneer.
(made by dental technician Nick Mekias, Athens / Greece)

The high translucency and harmonious blend of shades of the multilayer blanks allow you to perfectly match your restorations to the natural dentition only by staining.

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A DISK FOR DENTAL CAD/CAM SYSTEMS

Incisal/Occlusal side

φ98×18(mm)

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SHOFU

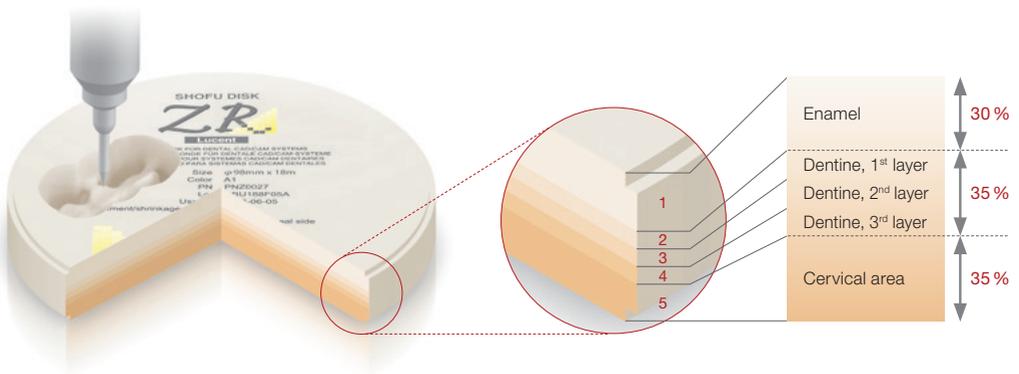
MADE IN JAPAN

Benefits and indications

- Multilayer zirconia blanks with a flexural strength of over 1,000 MPa
- Translucency of lithium disilicate
- Suitable for anterior crowns and bridges (up to 6 units)
- Suitable for posterior crowns and bridges (up to 3 units)
- Natural, harmonious blend of shades – from incisal to cervical aspects

3-5-1: Three shades in five layers in one blank

The smooth transition of shades in the five-layer blanks creates a harmonious, lifelike blend of shades from enamel (one layer, 30 %) to dentine (three layers, 35 %) and the cervical area (one layer, 35 %).



Depending on the vertical position of the restoration planned, you can reproduce several shades of one shade group using only one blank, without any complicated staining.

SHOFU Disk ZR Lucent is made entirely of high-quality TOSOH powder. Thanks to a special manufacturing process, this monolithic material shows an outstanding flexural strength of over 1,000 MPa, despite its high translucency.

Specifications

Diameter	98 mm with groove
Thickness	12 mm, 14 mm, 16 mm, 18 mm, 22 mm
Shades	Monolayer: Trans Multilayer: A1, A2, A3, A3.5, B1, C1, D2
Flexural strength, sintered	1,019 MPa (DIN-ISO 6872:2015)
Coefficient of thermal expansion	$10.2 \times 10^{-6} \text{K}^{-1}$ (25 °C - 500 °C)
Vickers hardness, unsintered (HV 0.2)	HV 45 (DIN-ISO 6507:2005)
Sintering temperature	1,450 °C
Translucency (thickness 1 mm)	Monolayer Translucent 37 % Multilayer Incisal 34 % Multilayer Cervical 31 %

Order information

Disk	12 mm	14 mm	16 mm	18 mm	22 mm
Trans (Monolayer)	Z0100	Z0022	Z0112	Z0026	Z0030
A1 (Multilayer)	Z0101	Z0023	Z0113	Z0027	Z0031
A2 (Multilayer)	Z0102	Z0024	Z0114	Z0028	Z0032
A3 (Multilayer)	Z0103	Z0025	Z0115	Z0029	Z0033
A3.5 (Multilayer)	Z0104	Z0108	Z0116	Z0120	Z0124
B1 (Multilayer)	Z0105	Z0109	Z0117	Z0121	Z0125
C1 (Multilayer)	Z0106	Z0110	Z0118	Z0122	Z0126
D2 (Multilayer)	Z0107	Z0111	Z0119	Z0123	Z0127

