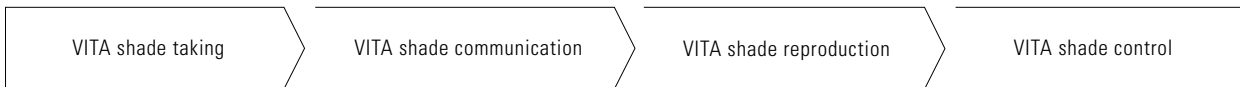


VITA YZ DISC HT

Pre-sintered circular blanks made from yttria partially stabilized zirconia (Y-TZP)



Date of issue: 03.13

VITA shade, VITA made.

VITA

Product description

VITA YZ DISC HT is a high-translucent, pre-sintered circular blank made from yttria partially stabilized zirconia (Y-TZP), that is densely sintered at 1450°C in a high-temperature furnace (VITA ZYRCOMAT) or in a high-speed sintering unit (VITA ZYRCOMAT 6000 MS).

VITAYZ DISC HT is recommended both as a framework material and for efficient fabrication of fully anatomical zirconium dioxide restorations. This material is distinguished by natural light refraction properties. Due to the high level of translucency of VITA YZ DISC HT, veneering is not required.

VITA YZ DISC HT is a relatively inexpensive yet attractive alternative to non-veneered or partially-veneered metal restorations. When using VITA YZ DISC HT as a framework material, the fine-structure ceramic VITA VM 9 is perfectly suitable for veneering after high-temperature sintering.

VITA YZ DISC HT can be processed with all open CAD/CAM systems that use DISCs with a diameter of 98 mm including the circumferential groove). The DISCs are available in heights of 14 mm and 18 mm.

Product benefits

- Outstanding esthetics and biocompatibility.
- Thanks to the high translucency, fully anatomical restorations can be fabricated, which do not need to be veneered.
- Relatively inexpensive and attractive alternative to non-veneered or partially-veneered metal restorations.
- Extremely cost-effective thanks to low storage costs.
- VITA YZ DISC HT has a high flexural strength of > 900 MPa.
- High fracture toughness is achieved using what is known as transition strengthening, which means that external energy is applied that causes a volume increase in the crystalline structure. This inhibits, for example, the formation of cracks.
- Thanks to its remarkable stability, VITA YZ DISC HT can be used to fabricate delicate restorations that support non-adhesive cementation.
- VITA YZ DISC HT can be sintered in the VITA ZYRCOMAT 6000 MS using the HighSpeed mode.

VITA YZ DISC items

VITA YZ DISC HT

Designation	Size	Contents	Prod. No.
VITA YZ DISC HT	Ø 98 / H 14 mm	1 piece	ECYZHTD98141
VITA YZ DISC HT	Ø 98 / H 18 mm	1 piece	ECYZHTD98181

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