



Zolid® HT+

High translucent zirconia

Zirconia available in a wide variety of high translucent shades for up to full-arch full-contour restorations



EFFICIENCY

Full-contour restorations made from Zolid® HT+ reduce post-processing time while simplifying handling



STRENGTH

Zolid® HT+ is a durable material indicated for up to full-arch restorations



FLEXIBILITY

The broad range of shades and individualization options gives maximum flexibility to dental professionals



Available shades

➤ Zolid® HT+ discs (for in-house milling) are available in white and in 17 preshaded monochromatic shades (Bleach, A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3 and D4).

WHITE ZOLID® HT+ DISCS (EACH ARTICLE CONTAINS 1 DISC)

Disc height	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm	25 mm
Round Disc (98 mm)	766020-STM	766021-STM	766022-STM	766023-STM	766024-STM	766025-STM	766027-STM

PRESHADE ZOLID® HT+ DISCS (EACH ARTICLE CONTAINS 1 DISC)

Disc shape		Round Disc (98	mm)
Disc height	14 mm	16 mm	20 mm
Bleach	766152-STM	766153-STM	766155-STM
A1	766159-STM	766160-STM	766162-STM
A2	766166-STM	766167-STM	766169-STM
A3	766173-STM	766174-STM	766176-STM
A3,5	766180-STM	766181-STM	766183-STM
A4	766187-STM	766188-STM	766190-STM
B1	766194-STM	766195-STM	766197-STM
B2	766201-STM	766202-STM	766204-STM
B3	766208-STM	766209-STM	766211-STM
B4	766215-STM	766216-STM	766218-STM
C1	766222-STM	766223-STM	766225-STM
C2	766229-STM	766230-STM	766232-STM
C3	766236-STM	766237-STM	766239-STM
C4	766243-STM	766244-STM	766246-STM
D2	766250-STM	766251-STM	766253-STM
D3	766257-STM	766258-STM	766260-STM
D4	766264-STM	766265-STM	766267-STM

Available indications

- ► For final restorations
- ► For up to full-arch

Recommended indication

Possible indication

TOOTH-BASED











Inlay

Onlay

Veneer

F

Partial crown

Coping



Full-contour crown



Telescopic crown



Bridge/bar framework



Full-contour bridge



Vestibular veneering

ABUTMENT-BASED (AVAILABLE WITHIN THE CARES® X-STREAM™ SOLUTION)



Coping on Ti-Base



Full-contour crown on Ti-Base



Bridge/bar framework on Ti-Base



Full-contour bridge on Ti-Base



Coping on CADCAM abutment



Full-contour crown on CADCAM abutment



Bridge/bar framework on CADCAM abutments



Full-contour bridge on CADCAM abutments

Workflow

STEPS	OPTIONS
Nesting	Position the restoration in the desired disc position
Milling	Dry milling with D and M series
Dying	Recommendation: ceramill® Coloring Liquid for Zolid® HT+
Sintering	Recommendation: Straumann® CARES® Therm
Finishing	Polishing Staining & glazing Layering Recommendation: ceramill® stain and glaze for all Zolid® zirconia
Cementing	Adhesive Self-adhesive Conventional

Chemical composition

ELEMENTS	WEIGHT
ZrO ₂ + HfO ₂ + Y ₂ O ₃	≥ 99.0 %
Y ₂ O ₃	6.0 - 7.2 %
HfO ₂	≤5%
Al ₂ O ₃	≤ 0.5 %
Other oxides	≤1%

Physical properties

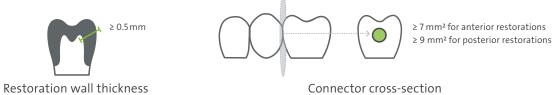
PROPERTIES	VALUE		
Bending Strength (3-point) [MPa]	1050 ± 200		
E-Module [GPa]	≥ 200 GPa		
CTE (20 – 500°C) [10 ⁻⁶ K- ¹]	10.4 ± 0.5		

Preparation guidelines

- ► The preparation shall not have angles or sharp edges
- ▶ The shoulder preparation shall be with rounded inner edges and/or chamfer
- ▶ The preparation shall have retentive surfaces for conventional cementation
- ▶ The cross-sections shall be adjusted in relation to the total size of the restoration
- ▶ The transition from a connector to a crown or coping shall be rounded

Wall thickness

MINIMAL RESTORATION DESIGN



Connector cross-section

Notes

Notes

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