

EN

YOUR SPECIALISTS FOR **BRILLIANT RESULTS** WITH
HIGH-PERFORMANCE ZIRCONIUM DIOXIDE



MADE IN
GERMANY

Welcome to our world!

We didn't invent zirconium dioxide, but we did significantly enhance it!
prிடெnτα – aesthetics meet efficiency.

At prிடெnτα, everything revolves around the material zirconium dioxide – this is our key area of expertise and our greatest passion. We specialise in this one area, and we do it well. This is in no small part thanks to our internal Research & Development department and our in-house production facilities, both of which are located in Germany – and of course our fantastic team. For us, quality is a top priority, which is why we are already MDR-certified.

This catalogue is designed to provide you with an overview of our wide range of **prிடெnτα**[®]**multidisc ZrO₂** discs. There are also some useful accessories to help make your day-to-day work that little bit easier. prிடெnτα has a range of intelligent solutions to support you in your work, from shade matching right through to insertion. Mill and sinter **prிடெnτα**[®]**multidisc** restorations before producing an aesthetically pleasing finish with **prிடெnτα**[®]**perfect**! For quick, easy, top-quality and professional results! We have also put together some useful information about our production processes as well as the prிடெnτα shade concept.

You can see the creative interplay for yourself simply by browsing through our brochure:

Artistic craftsmanship and design combined with digital processes!

Thank you for your interest, and I hope you enjoy the catalogue,

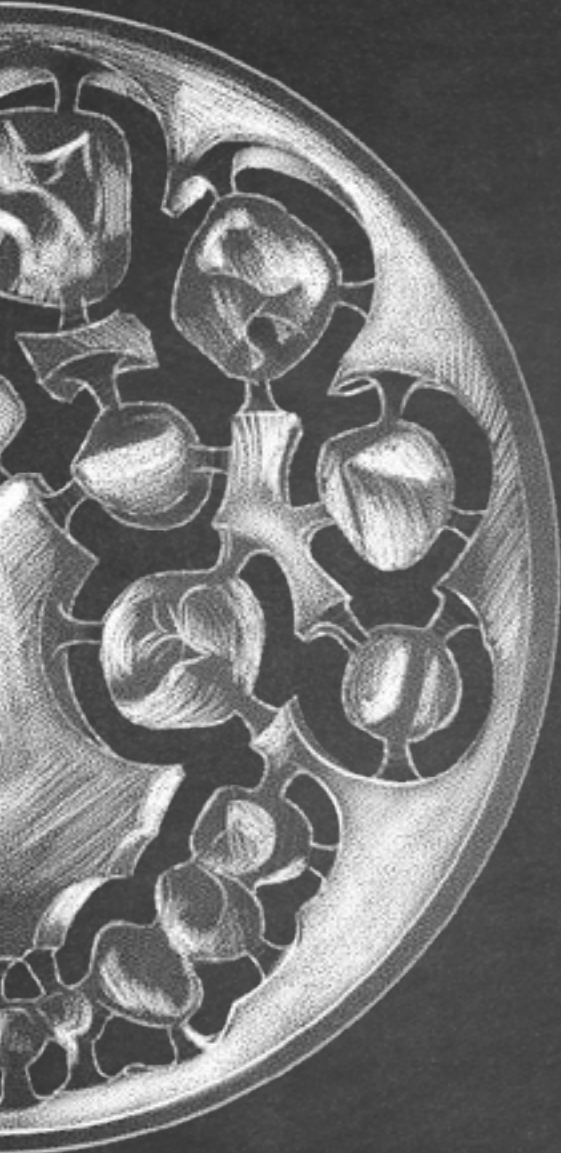
David Figge
Managing Director at prிடெnτα[®] GmbH



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This is how it works!

priti®multidisc ZrO₂

Zirconium dioxide materials

- Can all be sintered together at 1,450 °C
- Any programmable furnace designed for high-temperature sintering (up to 1,600 °C) is suitable
- Rapid sintering (up to 3-unit bridges) is possible
- Highly compressed material ensures precise margins and edges
- Any stain and glaze material approved for zirconium dioxide can be used

Full and partial veneering

All full and partial veneers (including cut-back) can be applied with no restrictions. The only thing to ensure is that ceramic materials are used that are compatible with the CTE of zirconium dioxide.

4 different translucency levels

- High Translucent with **49%** translucency
- Extra Translucent with **45%** translucency
- Translucent with **40%** translucency
- Opaque with **35%** translucency

Combined translucency levels

- Multi Translucent with **49%** to **40%** translucency
- Multi Translucent PLUS with **49%** to **45%** translucency

priti®multidisc ZrO₂

- Available with or without ledge, a diameter of 98.5 mm makes it suitable for all open milling machines
- Cross-batch shade fidelity and homogeneous disc coloring
- With minimum wall thicknesses of 0.4 mm in the anterior region and 0.6 mm in the posterior region, you are always on the safe side

Production

- Follows a validated process of uniaxial pressing followed by isostatic recompression
- Each individual pre-sintered blank is measured individually rather than batch by batch
- Specification of the defined sintering shrinkage to four decimal places

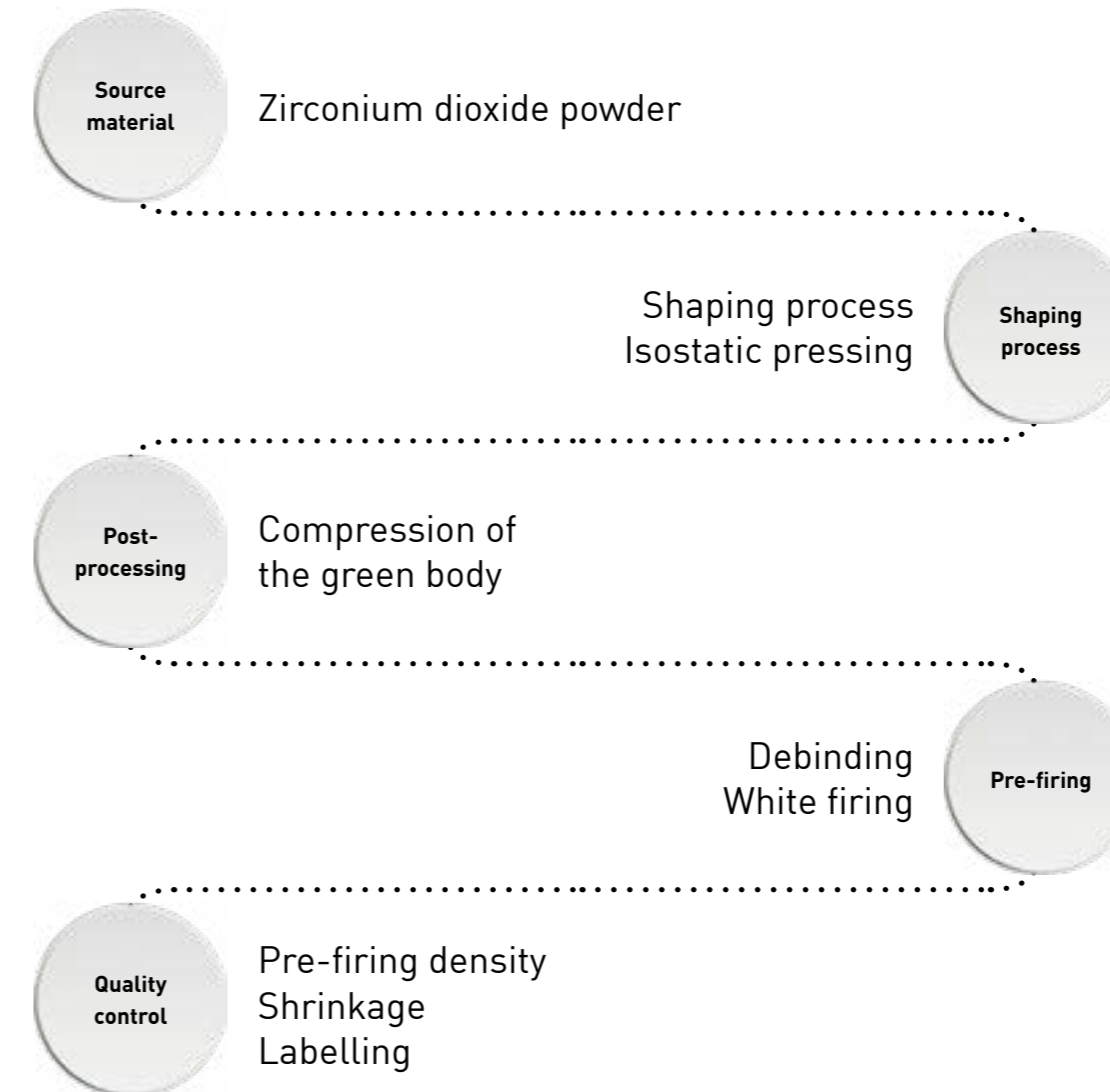
MADE IN GERMANY

Manufacture workflow

How are zirconium dioxide discs manufactured?

They are manufactured in our in-house production facility.

MADE IN GERMANY



Every powder batch is

- measured
- registered and traceable

Every firing is

- controlled
- logged and documented

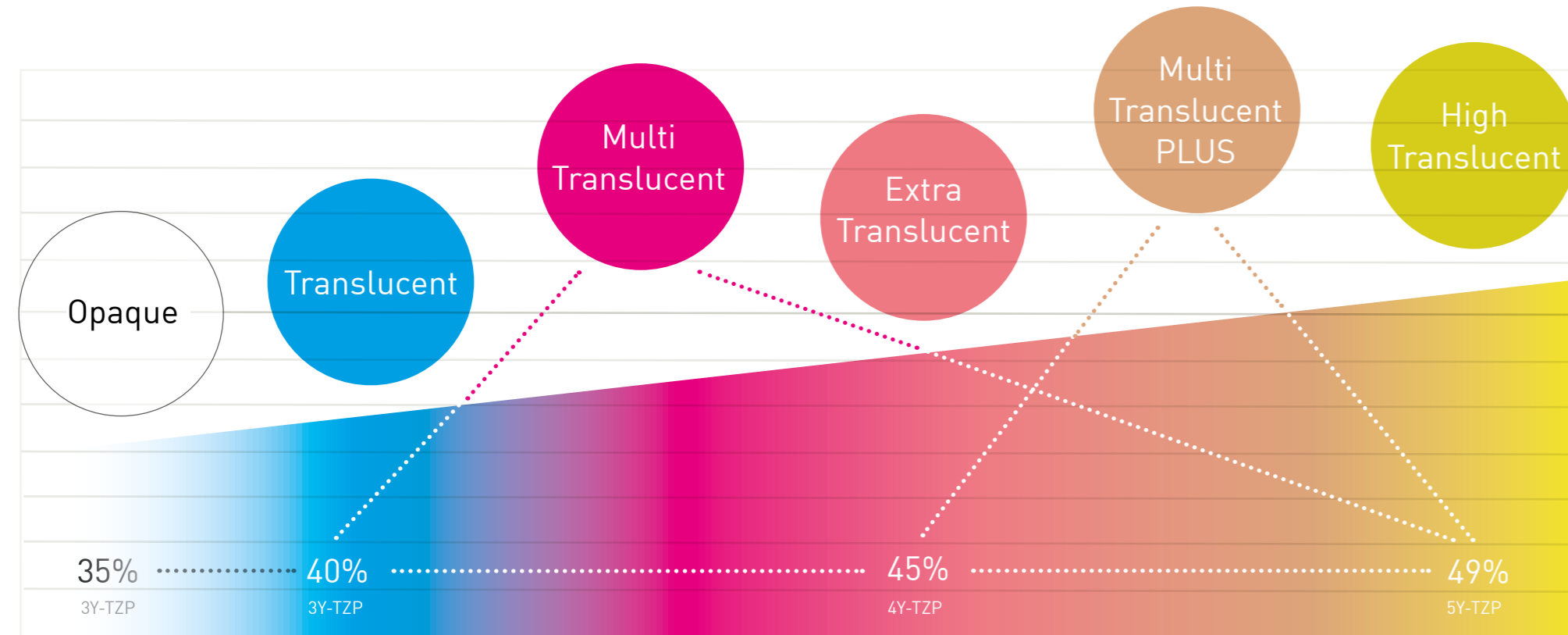
Every blank is

- measured
- checked in terms of density
- measured and calculated with respect to shrinkage
- registered and traceable



Our 6 product variants with graduated translucencies

- priti®multidisc ZrO₂ Multi Translucent PLUS with a translucency of **49% to 45%**
- priti®multidisc ZrO₂ Multi Translucent with a translucency of **49% to 40%**
- priti®multidisc ZrO₂ High Translucent with a translucency of **49%**
- priti®multidisc ZrO₂ Extra Translucent with a translucency of **45%**
- priti®multidisc ZrO₂ Translucent with a translucency of **40%**
- priti®multidisc ZrO₂ Opaque with a translucency of **35%**



Our product series

Multi Translucent, Multilayer and Monochromatic compared

In addition to different levels of translucency, pritidenta® offers variation with three different product series.

Multi Translucent

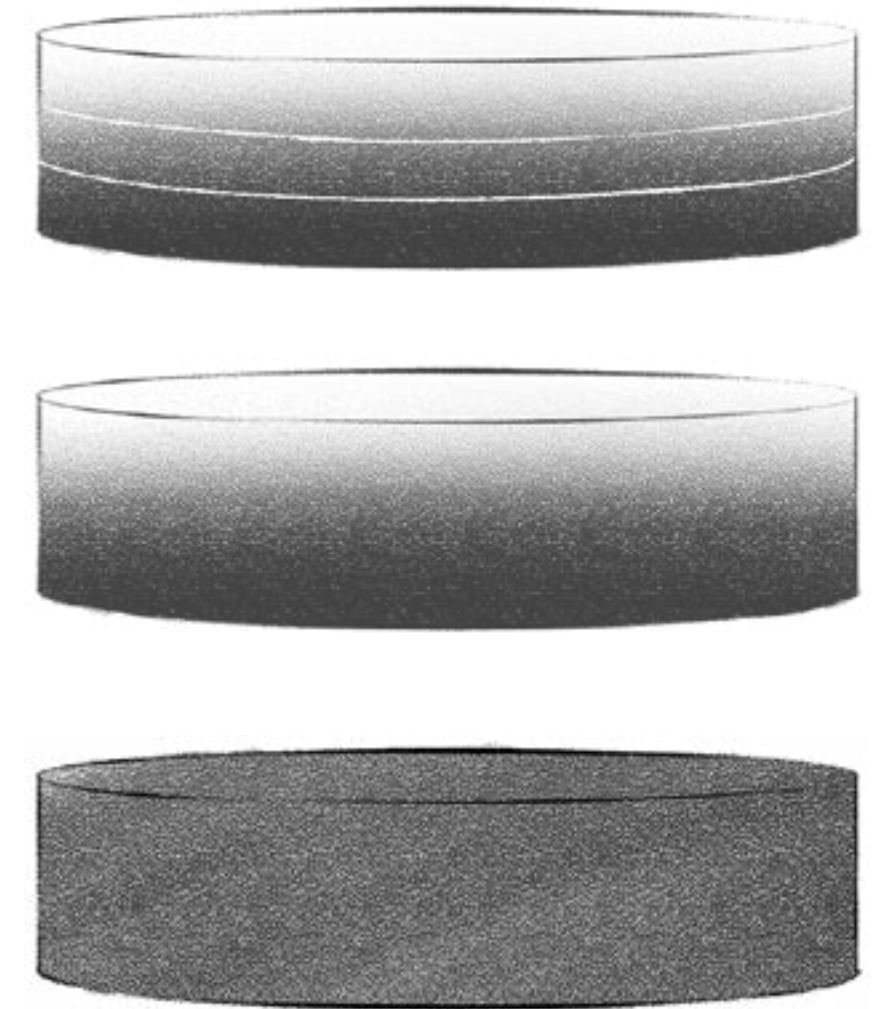
Multi Translucent is suitable for nearly all areas of application.
In addition to a shade gradient, there is also a translucency gradient. The translucency gradient is possible by combining 3Y-TZP, 4Y-TZP and the highly translucent 5Y-TZP.

Multilayer NEW

The perfect shade accuracy with optimal shade gradient.
With Multilayer, we can guarantee perfect shade accuracy and an optimal shade gradient in all 16 VITA® shades (+ 3 bleach shades). This allows even more precise work without the need for height positioning in the disc.

Monochrome

There is no shade and translucency gradient in monochromatic zirconium dioxide.
As much as necessary, as little as possible; that's the motto. Thanks to homogeneous shading, there is no need to pay attention to correct positioning here. It is ideal for discolored stumps and cups and for those who like to conjure up great results themselves with shade and texture pastes.



Suitable for every use

priti®multidisc ZrO₂ products for every application

Our sophisticated product portfolio is suitable for many areas of application.

This overview helps you to assign the different priti®multidisc ZrO₂ products accordingly.

- Not recommended, + Possible, ++ Recommended, +++ Highly recommended, ++++ Best recommendation

	Stumps and fixing				Fully anatomical				Cut-backs, copings and frameworks			Rapid sintering 1 h	
	Tooth-colored stumps	Discolored stumps	Heavily discolored stumps and metal	Fixing with zinc phosphate cement	Inlays, onlays, veneers	Single crowns	Bridges up to max. 3 units	Bridges up to 14 units	Implant-supported supra-construction up to 14 units	Individual copings	Bridge framework up to max. 3 units		Bridge framework up to 14 units
priti®multidisc ZrO ₂ MT PLUS (4Y/5Y)	++++	+++	+	+	++++	++++	++++	++++	++++	+++	+++	+++	-
priti®multidisc ZrO ₂ MT (3Y/5Y)	++++	++++	++	++	++	++++	++++	++++	++++	+++	+++	++++	-
priti®multidisc ZrO ₂ ET ML (4Y)	++++	+++	+	+	+++	+++	+++	+++	+++	+++	+++	+++	++++
priti®multidisc ZrO ₂ HT ML (5Y)	++++	-	-	-	++++	++++	++++	-	-	++	++	-	-
priti®multidisc ZrO ₂ ET Mono (4Y)	++++	+++	+	+	+	-	-	-	-	++++	++++	++++	+++
priti®multidisc ZrO ₂ T Mono (3Y)	++++	++++	++	++++	-	-	-	-	-	++++	++++	++++	-
priti®multidisc ZrO ₂ O Mono (3Y)	++++	++++	+++	++++	-	-	-	-	-	++++	++++	++++	-

Strong profile

Our new Multi Translucent series

It has everything

- Can be used without any restrictions
- Excellent dental aesthetics
- Defines variable incisal section
- Maximum reliability
- Optimum covering of "greyed" stumps
- Natural shade and translucency gradient
- All processing techniques possible: staining, cut-back and veneering technique
- Rapid sintering with a total time of approx 4 hours; approved for restorations with up to 3 units

Maximum reliability

Prof. Dr. M. Rosentritt put the priti®multidisc ZrO₂ Multi Translucent series to the test at the Department for Dental Prosthetics.

The detailed study can be found here:



The new versatility

The new priti®multidisc ZrO₂ Multi Translucent series (MT series for short) is our latest product generation and combines the positive properties of established zirconium oxide qualities 3Y-TZP and 5Y-TZP both in the enamel and in the body. Providing the perfect combination of aesthetics and strength, the MT series is the ideal tool to support you on your individual journey to aesthetically pleasing and long-lasting prostheses. Suitable for all indications and available in all 16 VITA® classical shades and as 3x bleach.

Unparalleled chameleon effect in the mouth

The shades look great on the model, and are equally impressive in the mouth!



Versatile indications

Highly aesthetic monolithic, fully anatomical crowns, partial crowns and bridges up to 14 units, inlays, onlays, veneers and abutments



Which technique would you like?

You can choose between staining, cut-back and veneering techniques.



Creative power

- Combines grace with mechanical resilience
- Ideal for anterior restoration
- Impressive for all requirements



Stable and natural

Compromises are a thing of the past. Now the end result is what counts. Thanks to a strength of > 800 MPa across the whole blank and based on the study (see p. 10), larger restorations can also be implemented safely.



High-end aesthetics

Top aesthetics for fully or partially anatomical restorations



Satisfied patients

Don't compromise when it comes to the best result for the patient!

Strength

> 800 MPa



> 1,150 MPa

Translucency

> 49%



< 40%

> 49%



< 45%

priti®multidisc ZrO₂

Multi Translucent PLUS

The aesthetic option: for the highest standards



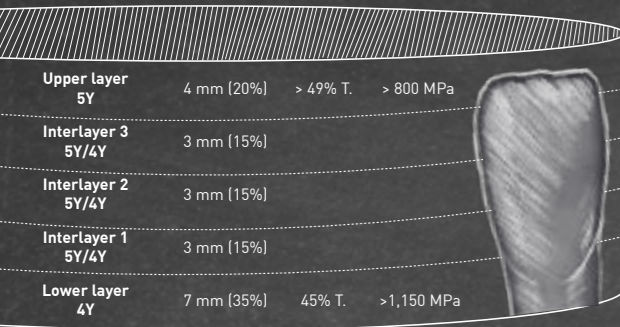
Indications

priti®multidisc ZrO₂ Multi Translucent PLUS can be used for all indications. Its top aesthetics make it particularly suitable for the anterior and visible tooth area.

All processing techniques are possible: staining, cut-back and veneering.

Top aesthetics

priti®multidisc ZrO₂ Multi Translucent PLUS offers higher translucency values and finer layering (see graphic on the left) compared to Multi Translucent. This results in significant improvements in the shade gradient and aesthetic effect.



Disc height: 20 mm*

Translucency

> 49%



< 45%

* Representation does not correspond exactly to the specified height

Height	A1	A2	A3	A3,5	A4	B1	B2	B3	B4
16 mm	PZRA1016	PZRA2016	PZRA3016	PZRA3516	PZRA4016	PZRB1016	PZRB2016	PZRB3016	PZRB4016
20 mm	PZRA1020	PZRA2020	PZRA3020	PZRA3520	PZRA4020	PZRB1020	PZRB2020	PZRB3020	PZRB4020
25 mm	PZRA1025	PZRA2025	PZRA3025	PZRA3525	PZRA4025	PZRB1025	PZRB2025	PZRB3025	PZRB4025

Height	C1	C2	C3	C4	D2	D3	D4	OM1	OM2	OM3
16 mm	PZRC1016	PZRC2016	PZRC3016	PZRC4016	PZRD2016	PZRD3016	PZRD4016	PZROM116	PZROM216	PZROM316
20 mm	PZRC1020	PZRC2020	PZRC3020	PZRC4020	PZRD2020	PZRD3020	PZRD4020	PZROM120	PZROM220	PZROM320
25 mm	PZRC1025	PZRC2025	PZRC3025	PZRC4025	PZRD2025	PZRD3025	PZRD4025	PZROM125	PZROM225	PZROM325

Disc diameter: 98.5 mm

priti®multidisc ZrO₂

Multi Translucent

The stable option: for maximum strength



Indications

priti®multidisc ZrO₂ Multi Translucent can be used for all indications.

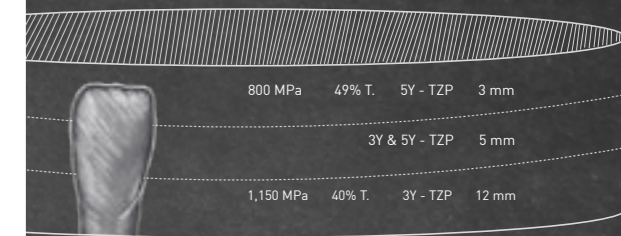
All processing techniques are possible: staining, cut-back and veneering.

Maximum stability

priti®multidisc ZrO₂ Multi Translucent particularly impresses thanks to its very high level of stability. This is achieved by a special layering concept (see graphic on the right).

Material

- Zirconium dioxide Type II, Class 5 according to DIN EN ISO 6872
- Flexural strength: typical mean value $\geq 1,100$ MPa
- Thin walls of 0.4 mm in the anterior region and 0.6 mm in the posterior region for single crowns
- Highly compressed material ensures precise margins and edges
- Veneering is possible with any ceramic material that is compatible with the CTE $10.5 \pm 0.5 \cdot 10^{-6} \cdot K^{-1}$ of ZrO₂
- Homogeneous coloring
- Consistently reproducible shades
- Rapid sintering with a total time of approx 4 hours; approved for restorations with up to 3 units



Disc height: 20 mm*

Translucency

> 49%



< 40%

Height	A1	A2	A3	A3,5	A4	B1	B2	B3	B4
16 mm	MZRA1016	MZRA2016	MZRA3016	MZRA3516	MZRA4016	MZRB1016	MZRB2016	MZRB3016	MZRB4016
20 mm	MZRA1020	MZRA2020	MZRA3020	MZRA3520	MZRA4020	MZRB1020	MZRB2020	MZRB3020	MZRB4020
25 mm	MZRA1025	MZRA2025	MZRA3025	MZRA3525	MZRA4025	MZRB1025	MZRB2025	MZRB3025	MZRB4025

Height	C1	C2	C3	C4	D2	D3	D4	OM1	OM2	OM3
16 mm	MZRC1016	MZRC2016	MZRC3016	MZRC4016	MZRD2016	MZRD3016	MZRD4016	MZROM116	MZROM216	MZROM316
20 mm	MZRC1020	MZRC2020	MZRC3020	MZRC4020	MZRD2020	MZRD3020	MZRD4020	MZROM120	MZROM220	MZROM320
25 mm	MZRC1025	MZRC2025	MZRC3025	MZRC4025	MZRD2025	MZRD3025	MZRD4025	MZROM125	MZROM225	MZROM325

Disc diameter: 98.5 mm

priti®multidisc ZrO₂ Multilayer

The perfect shade accuracy with optimal shade gradient

With the Multilayer series, we can guarantee perfect color accuracy and an optimal color gradient in all 16 VITA® shades (+ 3 bleach shades). This allows even more precise work without the need for height positioning in the disc.



Highly aesthetic

Harmoniously compatible shade gradients that meet the highest aesthetic standards. This allows for fully anatomical work even without ceramic layering.



Easy

Glazing or polishing alone will give you convincing, highly aesthetic and brilliant results.



Quick

Without the usual and time-consuming steps such as immersion, staining and drying, the sintering process can be started immediately after milling.



Shade fidelity

All VITA® classical shades can be selected and thus offer greater shade accuracy.

priti®multidisc ZrO₂ Multilayer

Extra Translucent (4Y-TZP)

45% translucency, flexural strength > 1,150 MPa

ET

Indications

With **priti®multidisc ZrO₂ Multilayer Extra Translucent**, you can produce individual restorations for the anterior and posterior region on natural dental abutments and implants.

The special feature lies in the balanced ratio of simultaneously high translucency and flexural strength. The material is therefore unconditionally recommended, and can be used with a high degree of flexibility for a particularly wide range of indications with up to **16 units**.

The all-rounder

The special feature is the balanced ratio of high translucency, top aesthetics and flexural strength of > 1,150 MPa.

Material

- Zirconium dioxide Type II, Class 5 according to DIN EN ISO 6872
- Flexural strength > 1,150 MPa
- High translucency of 45%
- Top aesthetics
- CTE $10.5 \pm 0.5 \cdot 10^{-6} \cdot K^{-1}$
- Thin walls of 0.4 mm in the anterior region and 0.6 mm in the posterior region for single crowns
- Highly compressed material ensures precise margins and edges
- Veneering is possible with any ceramic material that is compatible with the CTE of ZrO₂
- Homogeneous disc coloring
- Consistently reproducible shade reliability
- Rapid sintering in 4 hours with up to 3-unit bridges (this applies to all our ZrO₂ products)
- Rapid sintering of individual restorations in < 60 minutes (this only applies to Extra Translucent (4Y) quality, for all series such as Multi Translucent, Multilayer and Monochrome)

NEW

COMING SOON
4th quarter 2023



priti®multidisc ZrO₂ High Translucent A dark, not painted or layered, glaze firing only

Suitable for

all open milling machines with holder for disc diameter 98.5 mm

Depending on the restoration height, precise positioning and shade assignment to the appropriate blank height can be made:

Restoration height	Blank height
6 mm–9 mm	14 mm
9 mm–12 mm	18 mm
12 mm–14 mm	20 mm
14 mm–18 mm	25 mm

The information on positioning applies primarily to anterior teeth. For posterior teeth, we recommend deeper positioning. This prevents the enamel area at the cusp tips from appearing too whitish. A warm base tone becoming visible from the depressions in the fissures is another positive effect.

priti®multidisc ZrO₂ multicolor

High Translucent (5Y-TZP)

49% translucency, flexural strength > 650 MPa



Indications

With **priti®multidisc ZrO₂ multicolor High Translucent**, you can produce inlays, onlays, veneers, partial crowns, anatomically reduced and monolithic fully anatomical crowns and bridges **up to max. 3 units** for the anterior and posterior region.

The translucency is comparable to that of lithium disilicate. Thanks to its high translucency and integrated shade gradient, the material is particularly recommended for the efficient production of non-veneered restorations.

The aesthetic option

priti®multidisc ZrO₂ multicolor High Translucent is the material of choice for the top, most vibrant aesthetics of restorations with up to **3 units**.

Material

- Zirconium dioxide Type II, Class 4 according to DIN EN ISO 6872
- Flexural strength > 650 MPa
- High translucency of 49%
- Top aesthetics
- CTE $10.5 \pm 0.5 \cdot 10^{-6} \cdot K^{-1}$
- Thin walls of 0.4 mm in the anterior region and 0.6 mm in the posterior region for single crowns
- Highly compressed material ensures precise margins and edges
- Veneering is possible with any ceramic material that is compatible with the CTE of ZrO₂
- Cross-batch shade fidelity
- Homogeneous disc coloring
- Consistently reproducible shade reliability
- Biocompatible

Height	priti® bleach	A light	A dark	B light	B dark	C light	C dark	D light
14 mm	23103-D985-14PBHT	23103-D985-14ALHT	23103-D985-14ADHT	23103-D985-14BLHT	23103-D985-14BDHT	23103-D985-14CLHT	23103-D985-14CDHT	23103-D985-14DLHT
18 mm	23103-D985-18PBHT	23103-D985-18ALHT	23103-D985-18ADHT	23103-D985-18BLHT	23103-D985-18BDHT	23103-D985-18CLHT	23103-D985-18CDHT	23103-D985-18DLHT
20 mm	23103-D985-20PBHT	23103-D985-20ALHT	23103-D985-20ADHT	23103-D985-20BLHT	23103-D985-20BDHT	23103-D985-20CLHT	23103-D985-20CDHT	23103-D985-20DLHT
25 mm	23103-D985-25PBHT	23103-D985-25ALHT	23103-D985-25ADHT	23103-D985-25BLHT	23103-D985-25BDHT	23103-D985-25CLHT	23103-D985-25CDHT	23103-D985-25DLHT

priti®multidisc ZrO₂ multicolor

Extra Translucent (4Y-TZP)

45% translucency, flexural strength > 1,150 MPa



priti®multicolor Extra Translucent, 7-unit bridge, made from A dark; 5-unit bridge shade A3.5 made of A light, not stained, only glaze firing

Suitable for

all open milling machines with holder for disc diameter 98.5 mm

Depending on the restoration height, precise positioning and shade assignment to the appropriate blank height can be made:

Restoration height	Blank height
6 mm–9 mm	14 mm
9 mm–12 mm	18 mm
12 mm–14 mm	20 mm
14 mm–18 mm	25 mm

The information on positioning applies primarily to anterior teeth. For posterior teeth, we recommend deeper positioning. This prevents the enamel area at the cusp tips from appearing too whitish. A warm base tone becoming visible from the depressions in the fissures is another positive effect.

Indications

With **priti®multidisc ZrO₂ multicolor Extra Translucent**, you can produce individual restorations for the anterior and posterior region on natural dental abutments and implants.

The special feature lies in the balanced ratio of simultaneously high translucency and flexural strength. The material is therefore unconditionally recommended, and can be used with a high degree of flexibility for a particularly wide range of indications with up to **16 units**.

The all-rounder

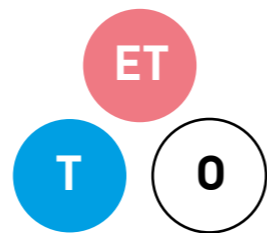
The special feature is the balanced ratio of high translucency, top aesthetics and flexural strength of > 1,150 MPa.

Material

- Zirconium dioxide Type II, Class 5 according to DIN EN ISO 6872
- Flexural strength > 1,150 MPa
- High translucency of 45%
- Top aesthetics
- CTE $10.5 \pm 0.5 \cdot 10^{-6} \cdot K^{-1}$
- Thin walls of 0.4 mm in the anterior region and 0.6 mm in the posterior region for single crowns
- Highly compressed material ensures precise margins and edges
- Veneering is possible with any ceramic material that is compatible with the CTE of ZrO₂
- Cross-batch shade fidelity
- Homogeneous disc coloring
- Consistently reproducible shade reliability
- Biocompatible

Height	priti® bleach	A light	A dark	B light	B dark	C light	C dark	D light
14 mm	EZRPB014	EZRAL014	EZRAD014	EZRBL014	EZRBD014	EZRCL014	EZRCD014	EZRDL014
18 mm	EZRPB018	EZRAL018	EZRAD018	EZRBL018	EZRBD018	EZRCL018	EZRCD018	EZRDL018
20 mm	EZRPB020	EZRAL020	EZRAD020	EZRBL020	EZRBD020	EZRCL020	EZRCD020	EZRDL020
25 mm	EZRPB025	EZRAL025	EZRAD025	EZRBL025	EZRBD025	EZRCL025	EZRCD025	EZRDL025
ZZ systems								
18 mm	EZZPB018	EZZAL018	EZZAD018	EZZBL018	EZZBD018	EZZCL018	EZZCD018	EZZDL018

priti®multidisc ZrO₂ monochrome
 Extra Translucent, Translucent and Opaque
 White and monochrome



As much as necessary, as little as possible – the pritidenta monochrome shade concept

We produce white and monochrome (single-shade) pre-colored blanks. Industrial pre-coloring has many benefits compared to manual colouring.



Effective

Saves time and materials in your day-to-day work



Pretty

Higher translucency than zirconium dioxide materials processed with coloring liquids



Clean

No contamination of sintering furnace/beads, etc.



Careful

Reliably homogeneous coloring; no bright spots during post-processing



Reliable

High process reliability thanks to constant shading



Flexible

Can be used for ZrO₂ ceramic-recommended veneering ceramics

priti®multidisc ZrO₂ monochrome
 Extra Translucent (4Y-TZP)
 45% translucency, flexural strength > 1,150 MPa



Indications

With **priti®multidisc ZrO₂ Extra Translucent**, you can produce inlays, onlays, veneers, partial crowns, monolithic fully anatomical and partially or fully veneered crowns and bridges (**up to 16 units**), as well as individual structures for the anterior and posterior region on natural abutments and implants.

The special feature lies in the balanced ratio of simultaneous comparably high translucency and flexural strength. The material is therefore unconditionally recommended, and can be used with a high degree of flexibility for a particularly wide range of indications.

Suitable for

all open milling machines with holder for disc diameter 98.5 mm

Material

- Zirconium dioxide Type II, Class 5 according to DIN EN ISO 6872
- Flexural strength > 1,150 MPa
- High translucency of 45%
- Top aesthetics
- CTE 10.5 ± 0.5 · 10⁻⁶ · K⁻¹
- Thin walls of 0.4 mm in the anterior region and 0.6 mm in the posterior region for single crowns
- Highly compressed material ensures precise margins and edges
- Veneering is possible with any ceramic material that is compatible with the CTE of ZrO₂
- Biocompatible
- Rapid sintering in 4 hours with up to 3-unit bridges (this applies to all our ZrO₂ products)
- Rapid sintering of individual restorations in < 60 minutes (this only applies to Extra Translucent (4Y) quality, for all series such as Multi Translucent, Multilayer and Monochrome)

Height	White
10 mm	EZRW0010
12 mm	EZRW0012
14 mm	EZRW0014
16 mm	EZRW0016
18 mm	EZRW0018
20 mm	EZRW0020
25 mm	EZRW0025



COMING SOON

4th quarter 2023

All 16 VITA® shades A1–D4.



priti®multidisc ZrO₂ Extra Translucent in white, 14-unit bridge

priti®multidisc ZrO₂ monochrome

Translucent (3Y-TZP)

40% translucency, flexural strength > 1,150 MPa, 8 VITA® shades and white



Indications

With **priti®multidisc monochrome ZrO₂ Translucent**, you can produce partial crowns, monolithic fully anatomical and partially or fully veneered crowns and bridges, as well as individual structures for the anterior and posterior region on natural abutments and implants.

The discs are available in white and pre-colored in the **8 VITA® shades**. The material combines very high flexural strength with good translucency. This makes it particularly suitable as a framework material for aesthetic veneering work.

Material

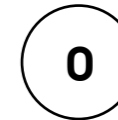
- Zirconium dioxide Type II, Class 5 according to DIN EN ISO 6872
- Flexural strength > 1,150 MPa
- High translucency of 40%
- Top aesthetics
- CTE $10.5 \pm 0.5 \cdot 10^{-6} \cdot K^{-1}$
- Thin walls of 0.4 mm in the anterior region and 0.6 mm in the posterior region for single crowns
- Highly compressed material ensures precise margins and edges
- Veneering is possible with any ceramic material that is compatible with the CTE of ZrO₂
- Cross-batch shade fidelity
- Homogeneous disc coloring
- Consistently reproducible shade reliability
- Biocompatible

Height	A1	A2	A3	A3,5	A4	B2	C2	D2	White
10 mm	13107-D985-10A1T	13107-D985-10A2T	13107-D985-10A3T	13107-D985-10A35T	13107-D985-10A4T	13107-D985-10B2T	13107-D985-10C2HT	13107-D985-10D2T	13107-D985-10T
12 mm	13107-D985-12A1T	13107-D985-12A2T	13107-D985-12A3T	13107-D985-12A35T	13107-D985-12A4T	13107-D985-12B2T	13107-D985-12C2T	13107-D985-12D2T	13107-D985-12T
14 mm	13107-D985-14A1T	13107-D985-14A2T	13107-D985-14A3T	13107-D985-14A35T	13107-D985-14A4T	13107-D985-14B2T	13107-D985-14C2T	13107-D985-14D2T	13107-D985-14T
16 mm	13107-D985-16A1T	13107-D985-16A2T	13107-D985-16A3T	13107-D985-16A35T	13107-D985-16A4T	13107-D985-16B2T	13107-D985-16C2T	13107-D985-16D2T	13107-D985-16T
20 mm	13107-D985-20A1T	13107-D985-20A2T	13107-D985-20A3T	13107-D985-20A35T	13107-D985-20A4T	13107-D985-20B2T	13107-D985-20C2T	13107-D985-20D2T	13107-D985-20T
25 mm	13107-D985-25A1T	13107-D985-25A2T	13107-D985-25A3T	13107-D985-25A35T	13107-D985-25A4T	13107-D985-25B2T	13107-D985-25C2T	13107-D985-25D2T	13107-D985-25T

priti®multidisc ZrO₂ monochrome

Opaque (3Y-TZP)

35% translucency, flexural strength > 1,150 MPa, 8 VITA® shades and white



Indications

With **priti®multidisc ZrO₂ Opaque**, you can produce partially or fully veneered crowns and bridges, as well as individual structures for the anterior and posterior region on natural abutments and implants.

The low translucency provides a strong masking effect. The material is therefore particularly recommended for veneering work on discolored stumps and metal structures.

Material

- Zirconium dioxide Type II, Class 5 according to DIN EN ISO 6872
- Flexural strength > 1,150 MPa
- High translucency of 35%
- CTE $10.5 \pm 0.5 \cdot 10^{-6} \cdot K^{-1}$
- Thin walls of 0.4 mm in the anterior region and 0.6 mm in the posterior region for single crowns
- Highly compressed material ensures precise margins and edges
- Veneering is possible with any ceramic material that is compatible with the CTE of ZrO₂
- Cross-batch shade fidelity
- Homogeneous disc coloring
- Consistently reproducible shade reliability
- Biocompatible

Height	A1	A2	A3	A3,5	A4	B2	C2	D2
14 mm	13107-D985-14A1	13107-D985-14A2	13107-D985-14A3	13107-D985-14A35	13107-D985-14A4	13107-D985-14B2	13107-D985-14C2	13107-D985-14D2
20 mm	13107-D985-20A1	13107-D985-20A2	13107-D985-20A3	13107-D985-20A35	13107-D985-20A4	13107-D985-20B2	13107-D985-20C2	13107-D985-20D2

Height	White
10 mm	13107-D985-10
12 mm	13107-D985-12
14 mm	13107-D985-14
16 mm	13107-D985-16

Height	White
18 mm	13107-D985-18
20 mm	13107-D985-20
25 mm	13107-D985-25



priti®multidisc ZrO₂ monochrome Opaque A3, 4-unit bridge, reduced

Suitable for

all open milling machines with holder for disc diameter 98.5 mm

Plastics and non-precious metals

from pridenta®

Discover them now ...

Zirconium dioxide is our **passion** and represents our **core segment** – and will remain so. Nevertheless, we now also offer other materials besides zirconium.

CORiTEC splint basic

The **all-rounder** for occlusal splints and drilling templates

- Virtually indestructible: one of the most stable occlusal splint materials
- Biocompatible: BPO-free and MMA < 1%
- Crystal clear (no yellow tinge!) for perfect aesthetics



Want to read on?

Further details and ordering information

CORiTEC splint comfort

For extremely **comfortable** occlusal splints

- When it comes to wearing comfort, this one has everything: the splint becomes flexible at mouth temperature and adapts continually
- Combines the impossible: strong and flexible all at once
- Sets the standard in compatibility



Want to read on?

Further details and ordering information

CORiTEC temp PMMA disc

The **temporary** all-rounder

- Long-term provisional restorations that can be worn for up to 3 years!
- Accurate shade matching to the pridenta® shades and the 16 VITA® classic shades
- High degree of polymerisation for an exceptionally delicate marginal design for crowns and bridges
- Very good milling and polishing properties



Want to read on?

Further details and ordering information

CORiTEC Ti4 & Ti5

- Ti4:
Chemical composition:
Ti > 99%; N, C, H, Fe, O < 1%
- Ti5:
Chemical composition:
Ti 89.4%; Al 6.2%; V 4%; N, C, H, Fe, O < 0.4%
- Excellent bonding with titanium ceramics



Want to read on?

Further details and ordering information

CORiTEC CoCr M6 Disc

Glossy properties

- Excellent bonding with CoCr + ceramics
- Type 4 alloy (EN ISO 22674)
- Excellent milling properties



Want to read on?

Further details and ordering information

CORiTEC CoCr W8 Disc

Glossy properties

- Excellent bonding with CoCr + ceramics Type 4 alloy (EN ISO 22674)
- Excellent milling properties
- CTE (α) 25–500°C: 14.1·10⁻⁶ ·K⁻¹



Want to read on?

Further details and ordering information

Keep it simple!



priti®perfect

The perfect addition for a vibrant finish
... of tooth and gum

The perfect finish

pridenta® has a range of intelligent solutions to support you in your work, from shade matching right through to insertion. Mill, sinter and **aesthetically finalise** teeth with priti®multidisc.

For quick, easy, top-quality and professional results, priti®perfect puts the finishing touches on the existing priti® concept.

This is polished aesthetic perfection!

Approved for:

- ◆ Zirconium dioxide
- ◆ Monolithic zirconium dioxide
- ◆ Zirconium layering ceramics
- ◆ Metal layering ceramics
- ◆ Lithium disilicate

priti®perfect stands for:

Stability of the shade effect from the model to the mouth
With brush technique and the paste-like material it is easy to stay in control. The final shade already becomes visible during application.

With just **20 components**, priti®perfect's target is the **single firing solution**. Nevertheless, depending on the case, the double-firing solution or *internal staining* can also be selected.

priti®perfect pink:

5 structure pastes and 3 stains for red aesthetics



Ordering information

These pastes are included in the sets



Basic Set (PPSET2*)										
Full Set (PPSET1*)	Paste	shade A	shade B	shade C	shade D	liquid	structure clear	white	transpa-pigeon	glaze
	Contents	3 g	3 g	3 g	3 g	25 ml	3 g	3 g	3 g	3 g
	Order number	PPSHAX	PPSHBX	PPSHCX	PPSHDX	PPSTLI	PPSTCL	PPSHWH	PPTRPI	PPSTGL

Effect Set (PPSET3*)												
Full Set (PPSET1*)	Paste	rose	yellow	fissure	transpa-smoke	halo	structure opal	black	copper	transpa-blue	transpa-orange	structure deep
	Contents	3 g	3 g	2 g	3 g	3 g	3 g	3 g	3 g	3 g	3 g	3 g
	Order number	PPSHRO	PPSHYE	PPSHFI	PPTRSM	PPTRHA	PPSTOP	PPSHBL	PPSHCO	PPTRBL	PPTROR	PPSTDE

Pink Set (PPSET4*)										
Full Set (PPSET1*)	Paste	structure blush	structure soft pink	structure neutral	structure pale pink	structure red	color dark red	color vanilla	color blue grey	liquid
	Contents	5 g	5 g	5 g	5 g	5 g	2 g	2 g	2 g	25 ml
	Order number	PPSTBL	PPSTSP	PPSTNE	PPSTPP	PPSTRE	PPSHDR	PPSHVA	PPSHBG	PPSTLI

* Order number: Full Set – **PPSET1** / Basic Set – **PPSET2** / Effect Set – **PPSET3** / Pink Set – **PPSET4**

Accessories

priti®pearl sintering beads, priti®clean cleaning powder



priti®pearl sintering beads Item number

2.0 mm diameter 13107-D300220

Even, pure, convenient

priti®pearl sintering beads are the ideal support when firing full ceramic constructions.

With priti®pearl sintering beads, you ensure safe and convenient storage of full ceramic frameworks in the furnace.

Thanks to the evenly round shape of the beads, there is no jamming, especially during sintering shrinkage of zirconium dioxide, which helps achieve undistorted sintering results.

- ◆ For sintering temperatures up to 1,600 °C
- ◆ Ø 2.0 mm
- ◆ Content 200 g



priti®clean cleaning powder Item number

200 g 13107-D200200

Cleans, protects, preserves

priti®clean cleaning powder is the guarantor for extremely pure sintering furnaces as a prerequisite for shade-consistent sintering results.

priti®clean cleaning powder helps you keep the furnace chamber permanently clean: Simply add the powder to the firing chamber and perform standard sintering to bind residues of foreign materials in the powder.

If the furnace has been contaminated with coloring liquids, a cleaning firing is particularly important before sintering a pre-colored material for the first time. This avoids nasty surprises and allows the zirconium dioxide's light-optical properties to develop reliably.

Contamination of the furnace by foreign materials can lead to unforeseen changes in translucency and shade, often green and yellow discoloration. This is also the case for joint sintering with other materials, especially if they have been manually dyed.

For reliably genuine sintering results, regular cleaning and replacement of contaminated sintering beads is recommended. A positive side effect is that the elimination of deposits in the furnace also increases the lifetime of the heating elements.

- ◆ Clean and shade-consistent sintering results
- ◆ No green or yellow discoloration of the restorations
- ◆ Preserves the lifetime of the heating elements
- ◆ No new deposits
- ◆ Content 200 g

Accessories

priti®bowl sintering trays, PTC rings of type MTH

Highly porous, durable, flexible

priti®bowl sintering tray is the right sintering tray for up to 1,000 standard and rapid sintering processes.

With a priti®bowl sintering tray, you are getting a durable basic product for high temperature applications up to 1,550 °C.

The crucible is made of aluminium oxide and impresses with very good thermal shock resistance thanks to the high porosity of the material.

Up to 1,000 firing cycles are possible, including rapid sintering processes. There are two diameters to choose from: 98 mm and 118 mm.

- ◆ For up to 1,000 firing cycles
- ◆ Suitable for rapid sintering
- ◆ Available in two diameters Ø 98 mm, Ø 118 mm

Precise, reliable, and super-simple

The benefits of zirconium oxide can only be fully achieved with the use of a calibrated sintering furnace that is truly capable of reaching the temperature specified by the manufacturer: maximum strength and translucency combined with extremely natural shading.

The degree of shrinkage of the PTC rings indicates the actual temperature, allowing you to detect and remedy any deviations from the programmed temperature.

PTC rings of type MTH are designed for applications in the temperature range of 1,340 °C to 1,520 °C, making them the perfect choice for dental sintering. PTC rings will take your sintering work to a whole new level in terms of reliability and reproducibility.

- ◆ For dental sintering programmes with a maximum temperature of 1,340 °C to 1,520 °C
- ◆ Simple handling for optimal sintering results
- ◆ Affordable process reliability for your sintering work



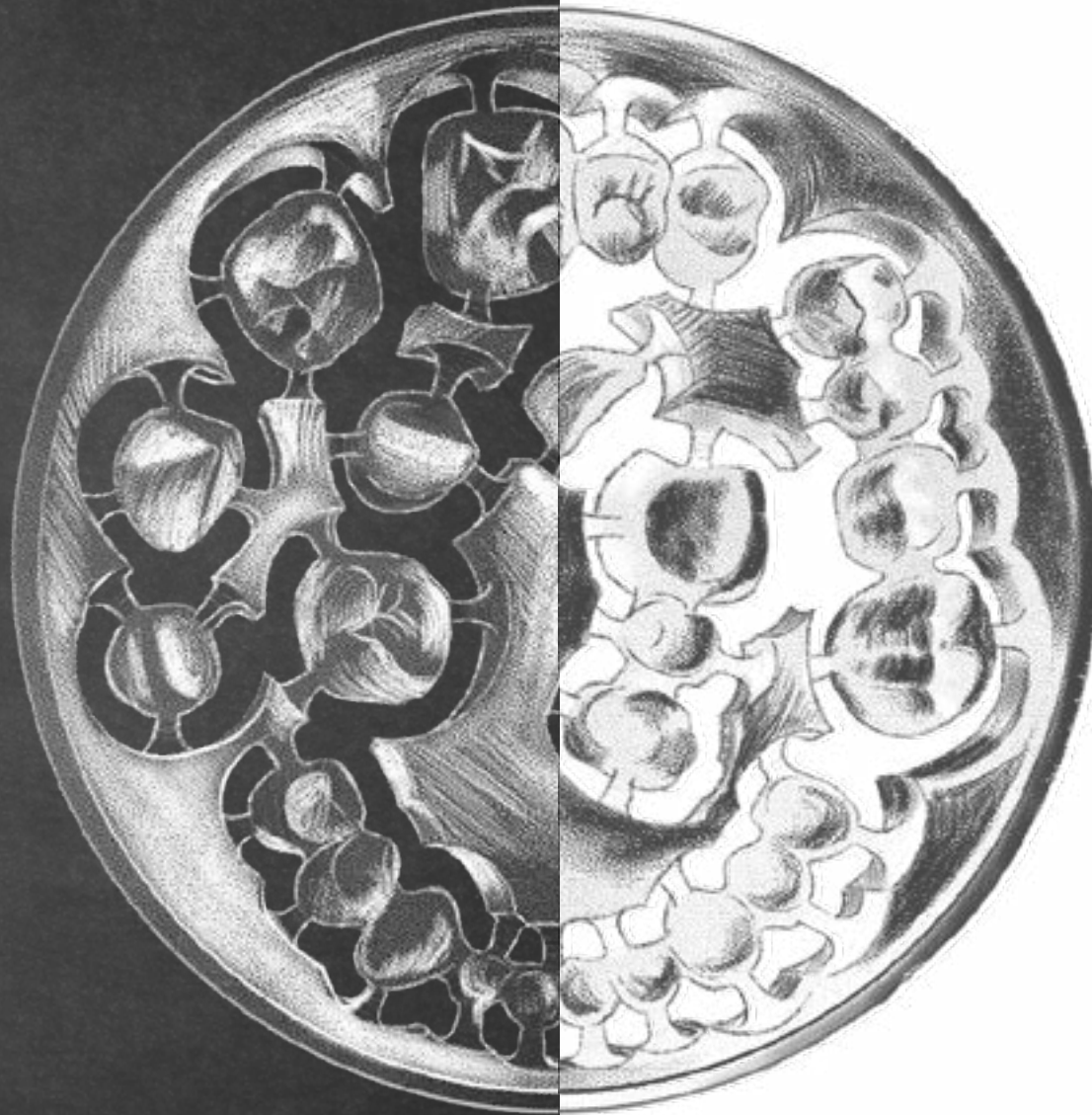
priti®bowl Item number

98 mm diameter 11010-D000098
118 mm diameter 11010-D000118



PTCR MTH Item number

15 rings PTCMTH15



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