



ZIRCONIUM DISCS / BLOCKS

• Isostatically pressed, pre-sintered

INSTRUCTIONS FOR USE

DISCOS / BLOQUE DE ZIRCONIO

• Prensado isostáticamente, presinterizado

INSTRUCCIONES DE USO

DISQUE / BLOC DE ZIRCONIE

• Pressé isostatiquement et pré-fritté

MODE D'EMPLOI

ZIRKONOXID SCHEIBEN / BLÖCKE

• Isostatisch gepresst, vorgesintert

GEBRAUCHSANWEISUNG

DISCO / BLOCCHETTI IN ZIRCONIA

• Pressatura isostatica, pre-sinterizzati

ISTRUZIONI PER L'USO

ZIRKONIUM SCHIJVEN / BLOK

• isostatisch geperst, pre-gesintert

GEBRUIKSAANWIJZING

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MONZASTRASSE 2A
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Rev. 2017/03

Protect from rain
Read usage instructions

Zirlux 16+ preshaded and white

Sintering schedule 2 for Zirlux16+ Pre-shaded (used for Pre-shaded blank)				
Procedure	Start temperature (°C)	Finishing temperature (°C)	Holding Time (min)	Heating velocity (°C/min)
Step1	Room Temperature	1200	0	8
Step2	1200	1200	30	0
Step3	1200	1300	0	2
Step4	1300	1530	0	4
Step5	1530	1530	120	0
Step6	1530	800	0	-8
Step7	800	100	Furnace cooling	

The running time of program : 495.63min

Sintering schedule 3 for Zirlux16+ Pre-shaded (for 4-step furnace)				
Procedure	Start temperature (°C)	Finishing temperature (°C)	Holding Time (min)	Heating velocity (°C/min)
Step1	Room Temperature	1200	30	5
Step2	1200	1530	0	2
Step3	1530	1530	120	0
Step4	1530	100	Furnace cooling	

The running time of program : 520min

Sintering schedule 1 for Zirlux16+ White (used for white blank shaded by coloring liquid)				
Procedure	Start temperature (°C)	Finishing temperature °C	Holding Time (min)	Heating velocity (°C/min)
Step1	Room Temperature	500	0	2.5
Step2	500	1200	0	8
Step3	1200	1200	30	0
Step4	1200	1300	0	2
Step5	1300	1530	0	4
Step6	1530	1530	120	0
Step7	1530	800	0	-8
Step8	800	100	Furnace cooling	

The running time of program : 626.25min

Sintering schedule 4 for Zirlux 16+ white with coloring liquids (for 4-step furnace)				
Procedure	Start Temperature (°C)	End Temperature (°C)	Holding Time (min.)	Heat Velocity (°C/min.)
Step 1	Room temperature	500	15	2.5
Step 2	500	1200	30	8
Step 3	1200	1530	120	2
Step 4	1530	100	furnace cooling	

Zirlux 16+ pre-shaded

Physical and Chemical Properties

Chemical compositions:

Nanometer zirconia powder:	>98%
Fe ₂ O ₃ :	<0.3%
Pr ₂ O ₃ :	<0.2%
Er ₂ O ₃ :	<1.0%
Others oxide:	<0.5%

Zirlux 16+ white

Physical and Chemical Properties

Chemical compositions:

ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%
Y ₂ O ₃ :	4.5-6%
Al ₂ O ₃ :	≤0.5%
Others oxides:	≤0.5%

Discs

9793219 D98,5*10 (step) A1
9793220 D98,5*10 (step) A2
9793221 D98,5*10 (step) A3
9793222 D98,5*10 (step) A3,5
9793223 D98,5*10 (step) A4
9793224 D98,5*10 (step) B1
9793225 D98,5*10 (step) B2
9793254 D98,5*10 (step) B3
9793255 D98,5*10 (step) B4
9793258 D98,5*10 (step) C1
9793260 D98,5*10 (step) C2
9793261 D98,5*10 (step) C3
9793264 D98,5*10 (step) D2
9793265 D98,5*10 (step) D3
9793266 D98,5*10 (step) D4
9794161 D98,5*10 (step) color
9793268 D98,5*12 (step) A1
9793269 D98,5*12 (step) A2
9793270 D98,5*12 (step) A3
9793272 D98,5*12 (step) A3,5
9793273 D98,5*12 (step) A4
9793274 D98,5*12 (step) B1
9793275 D98,5*12 (step) B2
9793276 D98,5*12 (step) B3
9793331 D98,5*12 (step) B4
9793332 D98,5*12 (step) C1
9793333 D98,5*12 (step) C2
9793334 D98,5*12 (step) C3
9793336 D98,5*12 (step) C4
9793337 D98,5*12 (step) D2
9793338 D98,5*12 (step) D3
9793339 D98,5*12 (step) D4
9794163 D98,5*12 (step) color
9793340 D98,5*14 (step) A1
9793342 D98,5*14 (step) A2
9793343 D98,5*14 (step) A3
9793344 D98,5*14 (step) A3,5
9793345 D98,5*14 (step) A4
9793346 D98,5*14 (step) B1
9793349 D98,5*14 (step) B2
9793350 D98,5*14 (step) B3
9793351 D98,5*14 (step) B4
9793352 D98,5*14 (step) C1
9793353 D98,5*14 (step) C2
9793355 D98,5*14 (step) C3
9793356 D98,5*14 (step) C4
9793357 D98,5*14 (step) D2
9793358 D98,5*14 (step) D3
9793359 D98,5*14 (step) D4
9794165 D98,5*14 (step) color
9793361 D98,5*16 (step) A1
9793362 D98,5*16 (step) A2
9793364 D98,5*16 (step) A3
9793365 D98,5*16 (step) A3,5
9793366 D98,5*16 (step) A4
9793367 D98,5*16 (step) B1
9793391 D98,5*16 (step) B2
9793392 D98,5*16 (step) B3
9793393 D98,5*16 (step) B4
9793394 D98,5*16 (step) C1
9793396 D98,5*16 (step) C2
9793397 D98,5*16 (step) C3
9793398 D98,5*16 (step) C4
9793400 D98,5*16 (step) D2
9793401 D98,5*16 (step) D3
9793402 D98,5*16 (step) D4
9794167 D98,5*16 (step) color
9793403 D98,5*18 (step) A1
9793404 D98,5*18 (step) A2
9793405 D98,5*18 (step) A3
9793406 D98,5*18 (step) A3,5
9793408 D98,5*18 (step) A4
9793409 D98,5*18 (step) B1
9793410 D98,5*18 (step) B2
9793411 D98,5*18 (step) B3
9793412 D98,5*18 (step) B4
9793413 D98,5*18 (step) C1
9793414 D98,5*18 (step) C2
9793415 D98,5*18 (step) C3
9793416 D98,5*18 (step) C4
9793417 D98,5*18 (step) D2
9793418 D98,5*18 (step) D3
9793419 D98,5*18 (step) D4
9794169 D98,5*18 (step) color
9793420 D98,5*20 (step) A1
9793422 D98,5*20 (step) A2
9793423 D98,5*20 (step) A3
9793426 D98,5*20 (step) A3,5
9793427 D98,5*20 (step) A4
9793428 D98,5*20 (step) B1
9793429 D98,5*20 (step) B2

9793430 D98,5*20 (step) B3
9793431 D98,5*20 (step) B4
9793432 D98,5*20 (step) C1
9793433 D98,5*20 (step) C2
9793434 D98,5*20 (step) C3
9793435 D98,5*20 (step) C4
9793436 D98,5*20 (step) D2
9793437 D98,5*20 (step) D3
9793438 D98,5*20 (step) D4
9794171 D98,5*20 (step) color
9793439 D98,5*22 (step) A1
9793440 D98,5*22 (step) A2
9793441 D98,5*22 (step) A3
9793442 D98,5*22 (step) A3,5
9793443 D98,5*22 (step) A4
9793580 D98,5*22 (step) B1
9793581 D98,5*22 (step) B2
9793582 D98,5*22 (step) B3
9793583 D98,5*22 (step) B4
9793584 D98,5*22 (step) C1
9793585 D98,5*22 (step) C2
9793586 D98,5*22 (step) C3
9793588 D98,5*22 (step) C4
9793589 D98,5*22 (step) D2
9793590 D98,5*22 (step) D3
9793591 D98,5*22 (step) D4
9794183 D98,5*22 (step) white
9793592 D98,5*25 (step) A1
9793595 D98,5*25 (step) A2
9793596 D98,5*25 (step) A3
9793597 D98,5*25 (step) A3,5
9793598 D98,5*25 (step) A4
9793599 D98,5*25 (step) B1
9793600 D98,5*25 (step) B2
9793601 D98,5*25 (step) B3
9793603 D98,5*25 (step) B4
9793604 D98,5*25 (step) C1
9793605 D98,5*25 (step) C2
9793606 D98,5*25 (step) C3
9793607 D98,5*25 (step) C4
9793608 D98,5*25 (step) D2
9793610 D98,5*25 (step) D3
9793613 D98,5*25 (step) D4
9794173 D98,5*25 (step) color
9794615 D98,5*30 (step) A1
9794907 D98,5*30 (step) A2
9794908 D98,5*30 (step) A2
9794909 D98,5*30 (step) A3
9794910 D98,5*30 (step) A3,5
9794911 D98,5*30 (step) B1
9794913 D98,5*30 (step) B2
9794914 D98,5*30 (step) B3
9794915 D98,5*30 (step) B4
9794916 D98,5*30 (step) C1
9794917 D98,5*30 (step) C2
9794919 D98,5*30 (step) C3
9794920 D98,5*30 (step) C4
9794921 D98,5*30 (step) D2
9794922 D98,5*30 (step) D3
9794925 D98,5*30 (step) D4
9794926 D98,5*30 (step) white
9794532 D100*10 Disc w/frame A1
9794533 D100*10 Disc w/frame A2
9794534 D100*10 Disc w/frame A3
9794535 D100*10 Disc w/frame A3,5
9794536 D100*10 Disc w/frame A4
9794537 D100*10 Disc w/frame B1
9794538 D100*10 Disc w/frame B2
9794539 D100*10 Disc w/frame B3
9794543 D100*10 Disc w/frame B4
9794544 D100*10 Disc w/frame C1
9794545 D100*10 Disc w/frame C2
9794546 D100*10 Disc w/frame C3
9794547 D100*10 Disc w/frame C4
9794548 D100*10 Disc w/frame D2
9794549 D100*10 Disc w/frame D3
9794550 D100*10 Disc w/frame D4
9794551 D100*10 Disc w/frame color
9794553 D100*12 Disc w/frame A1
9794555 D100*12 Disc w/frame A2
9794556 D100*12 Disc w/frame A3
9794557 D100*12 Disc w/frame A3,5
9794558 D100*12 Disc w/frame A4
9794559 D100*12 Disc w/frame B1
9794560 D100*12 Disc w/frame B2
9794561 D100*12 Disc w/frame B3
9794562 D100*12 Disc w/frame B4
9794563 D100*12 Disc w/frame C1
9794564 D100*12 Disc w/frame C2
9794565 D100*12 Disc w/frame C3
9794566 D100*12 Disc w/frame C4
9794567 D100*12 Disc w/frame D2

Zirlux 16+ / sizes + colors

9794568 D100*12 Disc w/frame D3
9794569 D100*12 Disc w/frame D4
9794570 D100*12 Disc w/frame B2
9794572 D100*14 Disc w/frame A1
9794573 D100*14 Disc w/frame A2
9794574 D100*14 Disc w/frame A3
9794575 D100*14 Disc w/frame A3,5
9794576 D100*14 Disc w/frame A4
9794577 D100*14 Disc w/frame B1
9794578 D100*14 Disc w/frame B2
9794579 D100*14 Disc w/frame B3
9794580 D100*14 Disc w/frame B4
9794581 D100*14 Disc w/frame C1
9794582 D100*14 Disc w/frame C2
9794583 D100*14 Disc w/frame C3
9794584 D100*14 Disc w/frame C4
9794585 D100*14 Disc w/frame D2
9794586 D100*14 Disc w/frame D3
9794587 D100*14 Disc w/frame D4
9794588 D100*14 Disc w/frame color
9794589 D100*16 Disc w/frame A1
9794591 D100*16 Disc w/frame A2
9794592 D100*16 Disc w/frame A3
9794593 D100*16 Disc w/frame A3,5
9794594 D100*16 Disc w/frame A4
9794595 D100*16 Disc w/frame B1
9794596 D100*16 Disc w/frame B2
9794597 D100*16 Disc w/frame B3
9794598 D100*16 Disc w/frame B4
9794599 D100*16 Disc w/frame C1
9794600 D100*16 Disc w/frame C2
9794602 D100*16 Disc w/frame C3
9794603 D100*16 Disc w/frame C4
9794604 D100*16 Disc w/frame D2
9794605 D100*16 Disc w/frame D3
9794606 D100*16 Disc w/frame D4
9794607 D100*16 Disc w/frame color
9794609 D100*18 Disc w/frame A1
9794610 D100*18 Disc w/frame A2
9794611 D100*18 Disc w/frame A3
9794612 D100*18 Disc w/frame A3,5
9794613 D100*18 Disc w/frame A4
9794614 D100*18 Disc w/frame B1
9794615 D100*18 Disc w/frame B2
9794616 D100*18 Disc w/frame B3
9794617 D100*18 Disc w/frame B4
9794618 D100*18 Disc w/frame C1
9794619 D100*18 Disc w/frame C2
9794620 D100*18 Disc w/frame C3
9794621 D100*18 Disc w/frame C4
9794622 D100*18 Disc w/frame D2
9794623 D100*18 Disc w/frame D3
9794624 D100*18 Disc w/frame D4
9794625 D100*18 Disc w/frame D4
9794626 D100*18 Disc w/frame color
9794628 D98,5*20 (step) A1
9794629 D98,5*20 (step) A2
9794630 D98,5*20 (step) A3
9794631 D98,5*20 (step) A3,5
9794632 D98,5*20 (step) B1
9794633 D98,5*20 (step) B2
9794634 D98,5*20 (step) B3
9794635 D98,5*20 (step) B4
9794636 D98,5*20 (step) C1
9794637 D98,5*20 (step) C2
9794638 D98,5*20 (step) C3
9794639 D98,5*20 (step) C4
9794640 D98,5*20 (step) D2
9794641 D98,5*20 (step) D3
9794642 D98,5*20 (step) D4
9794643 D98,5*20 (step) color
9794644 D98,5*20 (step) color
9794645 D98,5*20 (step) color
9794646 D98,5*20 (step) color
9794647 D98,5*20 (step) color
9794648 D98,5*20 (step) color
9794649 D98,5*20 (step) color
9794650 D98,5*20 (step) color
9794651 D98,5*20 (step) color
9794652 D98,5*20 (step) color
9794653 D98,5*20 (step) color
9794654 D98,5*20 (step) color
9794655 D98,5*20 (step) color
9794656 D98,5*20 (step) color
9794657 D98,5*20 (step) color
9794658 D98,5*20 (step) color
9794659 D98,5*20 (step) color
9794660 D98,5*20 (step) color
9794661 D98,5*20 (step) color
9794662 D98,5*20 (step) color
9794663 D98,5*20 (step) color
9794664 D98,5*20 (step) color
9794665 D98,5*20 (step) color
9794666 D98,5*20 (step) color
9794667 D98,5*20 (step) color
9794668 D98,5*20 (step) color

9794669 D100*25 Disc w/frame A4
9794672 D100*25 Disc w/frame B1
9794673 D100*25 Disc w/frame B2
9794674 D100*25 Disc w/frame B3
9794675 D100*25 Disc w/frame B4
9794676 D100*25 Disc w/frame A1
9794677 D100*25 Disc w/frame C1
9794678 D100*25 Disc w/frame C2
9794679 D100*25 Disc w/frame C3
9794680 D100*25 Disc w/frame C4
9794681 D100*25 Disc w/frame D2
9794682 D100*25 Disc w/frame D3
9794683 D100*25 Disc w/frame D4
9793940 D98,5*10 A1 Disc
9793941 D98,5*10 A2 Disc
9793942 D98,5*10 A3 Disc
9793943 D98,5*10 A3,5 Disc
9793944 D98,5*10 A4 Disc
9793945 D98,5*10 B1 Disc
9793946 D98,5*10 B2 Disc
9793947 D98,5*10 B3 Disc
9793948 D98,5*10 B4 Disc
9793949 D98,5*10 C1 Disc
9793950 D98,5*10 C2 Disc
9793951 D98,5*10 C3 Disc
9793952 D98,5*10 C4 Disc
9793953 D98,5*10 D2 Disc
9793954 D98,5*10 D3 Disc
9793955 D98,5*10 D4 Disc
9793956 D98,5*10 white Disc
9793960 D98,5*12 A1 Disc
9793961 D98,5*12 A2 Disc
9793964 D98,5*12 A3 Disc
9793965 D98,5*12 A3,5 Disc
9793966 D98,5*12 A4 Disc
9793967 D98,5*12 B2 Disc
9793968 D98,5*12 B3 Disc
9793970 D98,5*12 B4 Disc
9793971 D98,5*12 C1 Disc
9793972 D98,5*12 C2 Disc
9793973 D98,5*12 C3 Disc
9793974 D98,5*12 C4 Disc
9793975 D98,5*12 D2 Disc
9793976 D98,5*12 D3 Disc
9793977 D98,5*12 D4 Disc
9793978 D98,5*12 white Disc
9793982 D98,5*14 A1 Disc
9793983 D98,5*14 A2 Disc
9793984 D98,5*14 A3 Disc
9793985 D98,5*14 A3,5 Disc
9793986 D98,5*14 A4 Disc
9793987 D98,5*14 B1 Disc
9793988 D98,5*14 B2 Disc
9793989 D98,5*14 B3 Disc
9793990 D98,5*14 B4 Disc
9793991 D98,5*14 C1 Disc
9793992 D98,5*14 C2 Disc
9793993 D98,5*14 C3 Disc
9793994 D98,5*14 C4 Disc
9793995 D98,5*14 D2 Disc
9793996 D98,5*14 D3 Disc
9793999 D98,5*14 D4 Disc
9794000 D98,5*14 white Disc
9794004 D98,5*16 A1 Disc
9794005 D98,5*16 A2 Disc
9794006 D98,5*16 A3 Disc
9794007 D98,5*16 A3,5 Disc
9794008 D98,5*16 A4 Disc
9794009 D98,5*16 B1 Disc
9794010 D98,5*16 B2 Disc
9794011 D98,5*16 B3 Disc
9794012 D98,5*16 B4 Disc
9794013 D98,5*16 C1 Disc
9794014 D98,5*16 C2 Disc
9794015 D98,5*16 C3 Disc
9794016 D98,5*16 C4 Disc
9794017 D98,5*16 D2 Disc
9794018 D98,5*16 D3 Disc
9794019 D98,5*16 D4 Disc
9794020 D98,5*16 white Disc
9794024 D98,5*18 A1 Disc
9794025 D98,5*18 A2 Disc
9794026 D98,5*18 A3 Disc
9794027 D98,5*18 A3,5 Disc
9794028 D98,5*18 A4 Disc
9794029 D98,5*18 B1 Disc
9794031 D98,5*18 B2 Disc
9794032 D98,5*18 B3 Disc
9794033 D98,5*18 B4 Disc
9794034 D98,5*18 C1 Disc
9794035 D98,5*18 C2 Disc

9794036 D98,5*18 C3 Disc
9794037 D98,5*18 C4 Disc
9794038 D100*25 Disc w/frame B2
9794039 D98,5*18 D3 Disc
9794040 D100*25 Disc w/frame D2
9794041 D98,5*18 white Disc
9794141 D98,5*20 A1 Disc
9794142 D98,5*20 A2 Disc
9794143 D98,5*20 A3 Disc
9794144 D98,5*20 A3,5 Disc
9794145 D98,5*20 A4 Disc
9794146 D98,5*20 B1 Disc
9794148 D98,5*20 B2 Disc
9794149 D98,5*20 B3 Disc
9794150 D98,5*20 B4 Disc
9794151 D98,5*20 C1 Disc
9794152 D98,5*20 C2 Disc
9794153 D98,5*20 C3 Disc
9794154 D98,5*20 C4 Disc
9794155 D98,5*20 D2 Disc
9794156 D98,5*20 D3 Disc
9794157 D98,5*20 D4 Disc
9794216 D98,5*20 white Disc
9794220 D98,5*22 A1 Disc
9794221 D98,5*22 A2 Disc
9794222 D98,5*22 A3 Disc
9794223 D98,5*22 A3,5 Disc
9794224 D98,5*22 A4 Disc
9794225 D98,5*22 B1 Disc
9794226 D98,5*22 B2 Disc
9794227 D98,5*22 B3 Disc
9794228 D98,5*22 B4 Disc
9794229 D98,5*22 C1 Disc
9794230 D98,5*22 C2 Disc

Zirlux 16⁺

ZIRCONIUM DISCS / BLOCKS

INSTRUCTIONS FOR USE

- Fix the blank / block according to the CAM-System instructions, Set the enlargement-factor into the unit..
- Start the milling unit.
- After milling, extract the blank / block together with the contained milled restoration.
- Remove the restoration from the blank / block with a fissure bur.
- Remove any dust from the restoration with compressed air before sintering.
- Position the restoration on the sinter bed of the furnace tray.
- Program your furnace according to sintering temperature / instruction shown on the front page.
- Run the sintering cycle.
- Wait until cool down is completed before removing the sintered restoration.
- Inspect the restoration in respect of flaws, wall thickness, seat and marginal fit. If necessary, make small adjustments with a water-cooled diamond bur.
- Rinse the framework/anatomical crown with water and dry it. It is now ready for veneering. The framework is now ready for veneering /anatomical crown is ready for glazing.!

Safety precautions

- Design the restoration to maximize cross-sections.
- Carefully read the MSDS.

Indications for use

Zirconium discs / blocks are indicated for use as anatomy crown and as substructure for porcelain fused ceramic fixed dental restorations. Limitations are listed in table 1.

Process chain	Material	Single unit crowns		Bridges, number of pontics	
		Anterior	Posterior	Anterior	Posterior
Porous blank/block is machined to enlarged framework/autonomic crown, then sintered and veneered	3Y-TZP	X	X	3	2

*X indicated; digits show maximum number of pontics.
Limitation of Bridge, number of Pontics -
All Zirlux-discs / blocks are solely for use by or on the order of a dental professional. They are not for use by the general public or over-the-counter.

Contraindications

Contraindications are all applications not indicated in table 1 above.

Zirlux 16⁺

DISCOS / BLOQUE DE ZIRCONIO

INSTRUCCIONES DE USO

- Introduzca el disco / bloques en la máquina siguiendo las instrucciones de servicio del sistema CAM y ajuste el factor de ampliación correcto.
- Inicie el proceso de mecanizado.
- Una vez finalizado el mecanizado, extraiga la pieza bruta con la estructura / corona anatomico.
- Separe la estructura / corona anatomico de la pieza bruta utilizando un frescas de carburo.
- Elimine el polvo adherente con una pistola de aire antes de colocarla en el horno.
- Posicione la estructura / corona anatomico en la bandeja de sinterización.
- Programe el horno de cocción siguiendo las instrucciones de servicio y observando la tabla temperatura de sinterización (sintering temperature).
- Inicie el proceso de cocción.
- No extraiga la estructura / corona anatomico del horno hasta que ésta se haya enfriado por completo.
- Compruebe si la estructura / corona anatomico presenta defectos y controle los espesores de pared y el ajuste exacto. Realice, en caso necesario, pequeñas modificaciones con una herramienta de diamante refrigerada por agua.
- Enjuague la estructura / corona anatomico bajo agua corriente y séquela. La estructura / corona anatomico está ahora lista para ser revestida.

Indicaciones de seguridad

- Observe al diseñar en la restauración protésica que las secciones transversales de los conectores sean lo suficientemente grandes.
- Observe la hoja de datos de seguridad.

Indicaciones

Los discos / bloques de zirconio están indicados para la fabricación de estructura / corona anatomicos de coronas y puentes completamente cerámicas. Véase la tabla 1 para las limitaciones.

Tabla 1: Indicaciones y máxima cantidad de póntricos.

Cadena de Fabricación	Material	Coronas individuales		Puentes, cantidad de póntricos	
		Anterior	Posterior	Anterior	Posterior
La pieza bruta porosa es mecanizada, sinterizada y revestida.	3Y-TZP	X	X	3	2

* Indexado con X; las cifras indican la cantidad máxima de póntricos.
Los discos / bloques Zirlux están concebidos únicamente para la fabricación de prótesis dentales individuales por protésicos dentales especialistas.

Contraindicaciones

Están contraindicadas todas las aplicaciones no indicadas en la tabla 1.

Zirlux 16⁺

DISQUE / BLOC DE ZIRCONE

MODE D'EMPLOI

- Insérer le disque / bloc dans la machine comme décrit dans le mode d’emploi du système FAO et régler l'agrandissement.
- Lancer le procédé d’usinage.
- Une fois l'usinage terminé, retirer le disque / bloc contenant la restauration.
- Programmer le four et la table de frittage selon le mode d’emploi Zirlux ci-dessous.
- Éliminer la poussière à l’aide d’une soufflette avant de le mettre au four.
- Placer l’armature/couronne anatomique dans le creuset sur un lit de frittage.
- Programmer le four selon les paramètres de frittage indiqués sur la première page du manuel d’utilisation.
- Lancer la procédure de frittage.
- Ne retirer l’armature/couronne anatomique du four qu’après son refroidissement complet.
- Contrôler l’absence de défauts sur l’armature/couronne anatomique, vérifier l’épaisseur des parois, et l’adaptation marginale. Si nécessaire y apporter de petites corrections avec un instrument diamanté refroidi à l’eau.
- Rincer l’armature/couronne anatomique sous l’eau et la sécher. Elle est maintenant prête pour le montage cosmétique!

Consignes de sécurité

- Concevoir l’armature/couronne anatomique en veillant à ce que les connecteurs aient une section suffisante de jonction.
- Lire attentivement la fiche de données de sécurité.

Indications

Les disques / bloc de zircono sont indiqués pour la réalisation des armatures de couronnes et bridges en céramo-céramique. Pour les restrictions voir table 1.

Table 1: Indications et nombre max. de pontiques.

Processus de fabrication	Matériau	Couronne		Bridges, nom. de pontiques	
		Antérieure	Postérieure	Antérieur	Postérieur
Usage d’un bloc poreux pour réaliser une armature surdimensionnée qui sera ensuite frittée et incrustée.	3Y-TZP	X	X	3	2

*X = indiqué 2 = la quantité max. de pontiques.

Les disques / bloc Zirlux sont exclusivement réservés à un usage dentaire professionnel. Ils ne doivent pas être vendus à des non professionnels du secteur dentaire.

Contre-indications

Toutes les applications qui ne sont pas indiquées dans le tableau 1 sont contre-indiquées.

Zirlux 16⁺

ZIRKONOXID SCHEIBEN / BLÖCKE

GEBRAUCHSANWEISUNG

- Setzen Sie die Scheiben / Blöcke entsprechend der Bedienungsanleitung des Systems in die Maschine ein und stellen Sie den Vergrößerungsfaktor ein.
- Starten Sie den Bearbeitungsvorgang.
- Entnehmen Sie nach Abschluss der Bearbeitung den Rohling mit dem hergestellten Gerüst/anatomischen Krone.
- Trennen Sie das Gerüst/anatomische Krone mittels Fissurenbohrer aus dem Rohling.
- Entfernen Sie den Schleifstaub (Abblasen mit Luft) vor dem Sintern.
- Richten Sie das Gerüst/anatomische Krone im Sinterbett in der Sinterschale aus.
- Programmieren Sie den Sinterofen gemäss der Bedienungsanleitung und der sintering temperature-Tabelle (Frontseite).
- Starten Sie den Brennprozess.
- Entnehmen Sie das Gerüst/anatomische Krone erst nach vollständiger Abkühlung aus dem Ofen.
- Kontrollieren Sie das Gerüst/anatomische Krone auf Fehler, ausreichende Wandstärken und Passung. Nehmen Sie, falls notwendig, kleinere Anpassungen mit einem wassergekühlten Diamantwerkzeug vor.
- Spülen Sie das Gerüst/anatomische Krone unter Wasser und trocknen Sie es/sie. Es ist nun bereit zur Verblendung!

Hinweise

- Achten Sie bei der Gestaltung der prothetischen Versorgung unbedingt auf ausreichende Verbinderquerschnitte.
- Beachten Sie das Sicherheitsdatenblatt.

Indikationen

Zirkonoxid Scheiben / Blöcke sind zur Herstellung von anatomischen Kronen und Kronen- und Brückengerüsten aus Vollkeramik. Einschränkungen gibt Tabelle 1 wieder.

Herstellung	Werkstoff	Einzelkronen		Bruecken, Anzahl Zwischenglieder	
		Anterior	Posterior	Anterior	Posterior
CAM des porösen Rohlings, Sintern und Verblenden.	3Y-TZP	X	X	3	2

*X indiziert; Zahlen geben die maximale Anzahl Zwischenglieder an.
Zirlux Zirkonoxid Scheiben / Blöcke dienen ausschließlich zur Herstellung individueller dentaler Prothesen durch den Zahntechniker.

Kontraindikationen

Kontraindiziert sind alle Anwendungen die nicht in Tabelle 1 aufgeführt sind.

Zirlux 16⁺

DISCO / BLOCCHETTI IN ZIRCONIA

ISTRUZIONI PER L’USO

- Inserire e bloccare il disco seguendo le istruzioni del sistema CAM utilizzato, ed impostare il corretto fattore d’ingrandimento.
- Avviare il processo di lavorazione.
- Alla fine del fresaggio estrarre il disco con la struttura e corona prodotte.
- Separare la struttura / corona dal disco usandoun fresa in carburo.
- Eliminare la polvere di fresatura con aria compressa prima di inserirla nel forno.
- Posizionare la struttura / corona sul piattello di sinterizzazione.
- Programmare il forno come indicato nelle istruzioni d’uso ed in base alla tabella delle temperature di sinterizzazione.
- Avviare il processo di sinterizzazione.
- Estrarre la struttura / corona dal forno solo quando si è completamente raffreddata.
- Controllare lo spessore e la precisione della struttura / corona e la presenza di eventuali difetti. Se necessario, eseguire piccoli ritocchi utilizzando una punta diamantata raffreddata ad acqua.
- Sciacquare la struttura / corona anatomico con acqua ed asciugarla. Ora è pronta per il rivestimento estetico!

Raccomandazioni

- Assicurarsi, nella realizzazione della protesi, che la sezione dei connettori sia correttamente dimensionata.
- Leggere attentamente la scheda di sicurezza.

Indicazioni

I dischi / blocchetti in Zirconia Zirlux sono indicati per la realizzazione di strutture per corone e ponti in ceramica integrale. Nella tabella 1 sono riportati i limiti di utilizzo.

Tabella 1: Indicazioni e numero massimo di elementi intermedi.

Realizzazione	Materiale	Corone singole		Ponti, num. d’elementi intermedi	
		Anteriori	Posteriori	Anteriori	Posteriori
Lavorazione del disco grezzo, quindi sinterizzazione e ceramizzazione.	3Y-TZP	X	X	3	2

*X indicato; i numeri indicano il numero massimo di elementi intermedi.

I grezzi Zirlux dischi / blocchetti devono essere utilizzati dall’odontotecnico esclusivamente per la realizzazione di protesi dentali individuali.

Controindicazioni

Sono controindicati tutti gli usi non indicati nella tabella 1.

Zirlux 16⁺

ZIRKONIUM SCHIJVEN / BLOK

GEBRUIKSAANWIJZING

- Fixeer de schijf / blok conform de instructies van het machine en stel de vergrotingsfactor in.
- Start het systeem.
- Verwijder de schijf / blok met het framework/anatomische kroon na de preparatie.
- Verwijder het framework/anatomische kroon van de schijf / blok met een fissuurboor.
- Verwijder stofresten van het framework/anatomische kroon door middel van een luchtspuit.
- Positioneer het framework/anatomische kroon in een sinter bed in de oven.
- Programeer de oven conform de gebruiksaanwijzing van de oven en sintering temperature overzicht (voorkant).
- Sinter het framework/anatomische kroon.
- Na afkoeling kan het framework/anatomische kroon verwijderd worden.
- Inspecteer het framework/anatomische kroon op onregelmatigheden, wanddikte, pasvorm en randen. Maak eventuele aanpassing met een watergekoelde diamantboor.
- Spoel het framework/anatomische kroon met water en blaas het droog. Het Framework is nu gereed voor het veneerproces. De anatomische kroon kan geglazuurd worden.

Veiligheidsmaatregelen

- Ontwerp het framework om de dwarsverbindingen te optimaliseren.
- Lees de MSDS zorgvuldig.

Gebruiksaanwijzingen

Zirconium schijven/blokken zijn geïndiceerd als substructuur voor anatomische kroon en opgebakken porceleinrestauraties. Beperkingen in tabel 1.

Proces	Materiaal	Solitaire kroon		Brug, aantal pontics	
		Anterior	Posterior	Anterior	Posterior
De poreuse schijf wordt (vergroot) geslepen, vervolgens gesinterd en geveneerd	3Y-TZP	X	X	3	2

*X Maximaal aantal pontics bij een brug - anterior – 3

Alle Zirlux-blank / bloks dienen uitsluitend gebruikt te worden door, of op aanwijzing van, dentale professionals en niet geschikt voor algemeen gebruik.

Contra indicaties

Alle andere toepassingen behalve de bovengenoemde in tabel 1.