

Create beautiful smiles *with* Kulzer in your hands.

PALA®

Mondial | Mondial i



Mondial® and Mondial® i Denture Teeth

For the highest aesthetics and ultimate performance

Pala® Mondial and Mondial i denture teeth deliver the very best in appearance and function. Made with patented Flexecure® material, these teeth are designed to let you build smiles that last.



KULZER
MITSUI CHEMICALS GROUP

Mondial® and Mondial® i Teeth

For those who expect more from denture teeth.

What's the secret behind dentures that give patients natural-looking smiles and deliver impressive functional performance?

None other than ultra high-quality Pala Mondial denture teeth.

Mondial and Mondial i teeth are designed with innovative and precise CAD/CAM fabrication methods and materials of the highest possible quality, such as the patented Flexecure® material. Both lines offer a wide range of shapes for exceptional flexibility when creating lifelike smiles. Setup with Mondial teeth is safe and easy thanks to the precisely defined centric, and virtually no grinding is needed to ensure precise function for each tooth.

Designed to enhance both the aesthetics and functionality of dental prostheses, Mondial and Mondial i teeth help you create beautiful smiles with confidence. Additionally, teeth from both lines can be used with each other interchangeably, giving you the freedom to mix and match for full customization.

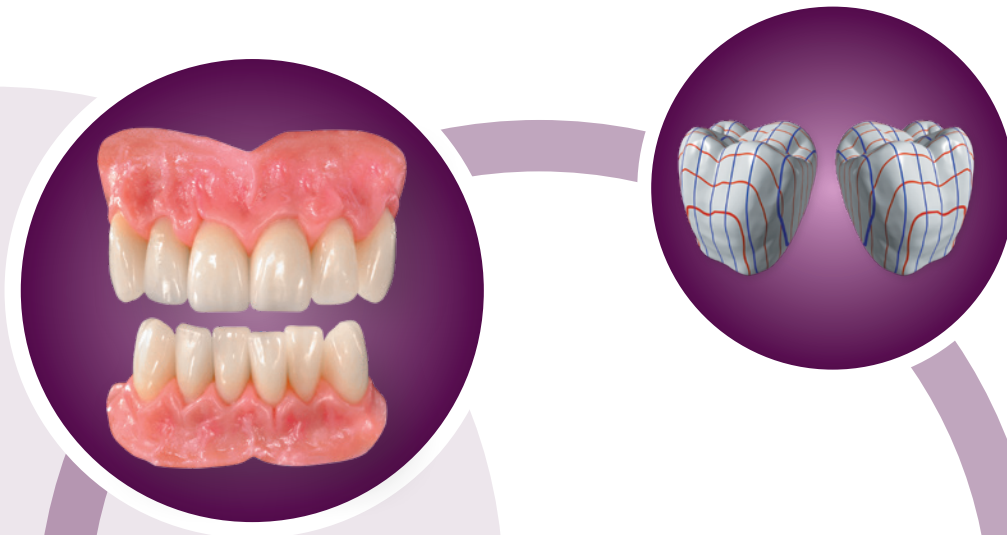
Every single Pala Mondial tooth used across the globe is carefully crafted at the Pala Production Plant in Wasserburg, Germany.



Scan to visit Kulzer's production facility.

Working with Kulzer teeth is an absolute pleasure! They exhibit natural contours, smooth transition to the cervical area, and layering for the depth of shade, opalescence, and natural fluorescence. Another advantage is with the CAD/CAM manufacturing process, affording the clinician prosthetic teeth, which provide 100% identical pairing; resulting in consistent quality, performance, and excellent aesthetics.

— Aldo Leopardi, BDS, DDS, MS Prosthodontist

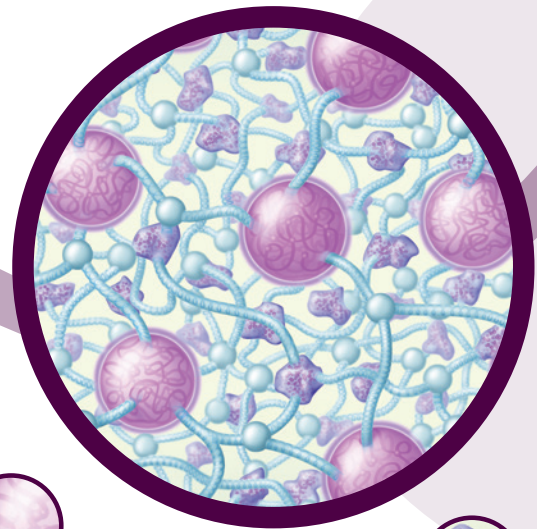


Flexecure®

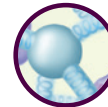
For longevity.

A patented material composed of unique hybrid fillers combined with a tough elastic matrix.

The result: High abrasion-resistance, natural opalescence, pristine surface quality, high fracture-resistance, and durability.



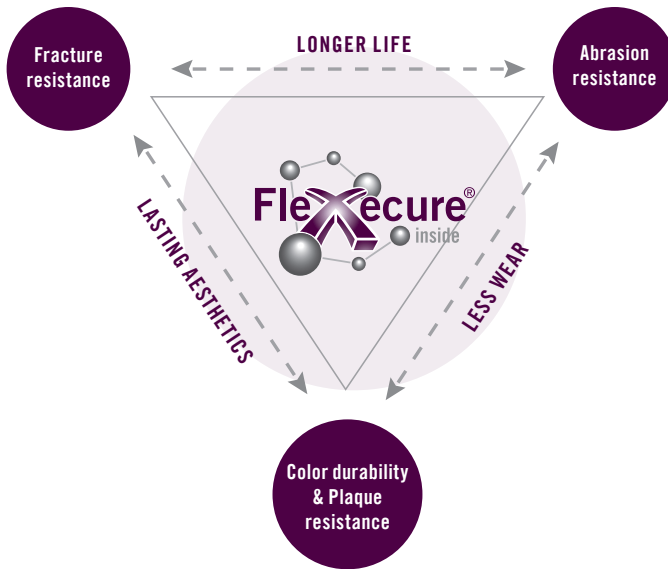
Organic filler with diffusion zone to the matrix



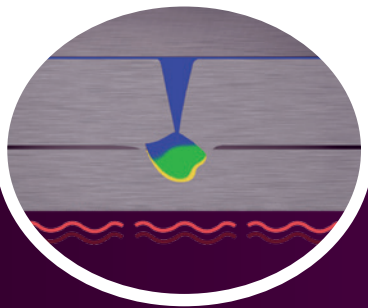
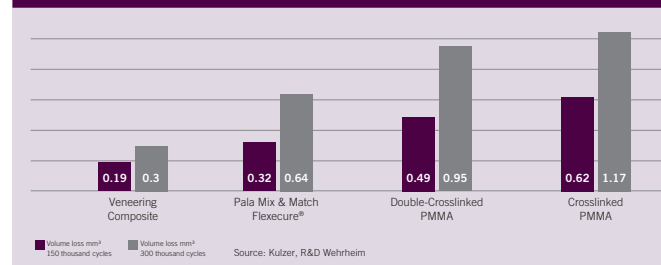
Highly crosslinked tough-elastic matrix



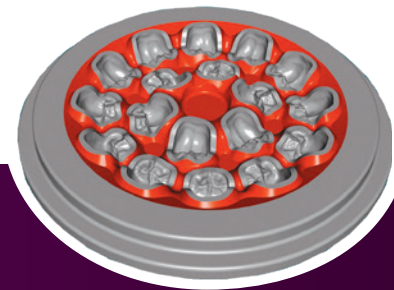
Silan modified fillers in tough-elastic matrix



Wear Comparison of Denture Teeth Materials, 3-Body-Wear-Test based on ACTA-method, Amsterdam



See the INCOMP process



The INCOMP process

For consistency.

This combined injection-compression process prevents porosities and inclusions in denture teeth and ensures extreme density.

The result: Consistent density and minimized risk of bubbles throughout every single tooth.

CAD/CAM technology

For precision.

Computer-assisted design and manufacture enables Mondial® and Mondial® i teeth to be replicated with the utmost precision and zero dimensional deviation.

The result: Guaranteed 100% matching pairs, optimal function, perfect intercuspation, and assured dimensional accuracy both now and in the future when it's time to replace teeth.

Natural Tooth Shapes, Natural Results

Mondial® and Mondial® i teeth are uniquely designed to look as lifelike as possible. A varied portfolio of anatomical shapes gives you the ability to create a fully custom and natural-looking smile in every case.

The shapes of Mondial and Mondial i anterior teeth are anatomically configured to square, triangular, oval, and rectangular face shapes. The pronounced contouring of the labial surfaces ensures dynamic shades in every light. Mondial and Mondial i are suitable for every age group as the cervical collar can be aged via selective grinding.

Morphologically correct occlusal anatomy makes the Mondial and Mondial i posterior teeth look naturally beautiful and guarantees precise intercuspation. The buccal surfaces, the layering, the color effects, and the variable neck are also anatomically matched to the anterior teeth.

- More choices of tooth shapes for a natural look
- Anatomically superior and optimal layering for anterior and posterior teeth
- Suitable tooth shapes for square, triangular, oval, and rectangular face shapes
- Vibrant colors due to pronounced contouring of the labial surfaces
- No age-related abrasion surfaces



Mondial® Denture Teeth

- Lifelike opalescence, fluorescence, and translucency
- Guaranteed precision
- Long-lasting strength
- Mix and match easily with Mondial i teeth



Mondial® i Denture Teeth

- Increased transparency
- Enhanced incisal edges
- Three-dimensional multi-layering for lifelike aesthetics
- Large volume and broad necks
- Ideal for implant-retained prostheses
- Mix and match easily with Mondial teeth



The Time-Tested Advantages of Pala® Mondial Denture Teeth

- Precisely defined centric for fast and easy setup
- Precise function with no need for spot-grinding
- High abrasion-resistance and durability guaranteed by Flexecure®
- Lifelike contours and natural-looking finish
- Widened tooth base and increased volume of Mondial® i teeth aid in papillae contouring and eliminate dark recesses and vertical edges

Create Natural-Looking Smiles with Pala®

Designed with Flexecure®, INCOMP processing, and CAD/CAM technology, Pala® Mondial teeth deliver unbeatable aesthetics, performance, and longevity. Dental clients and patients will be delighted with the lifelike cases you produce.

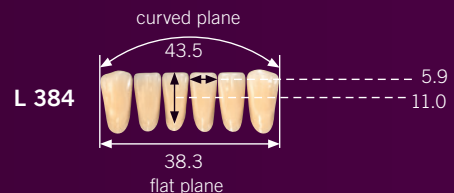
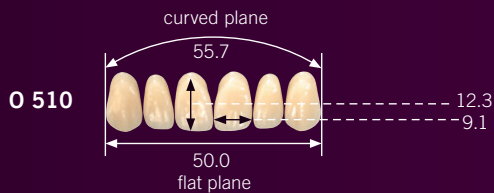
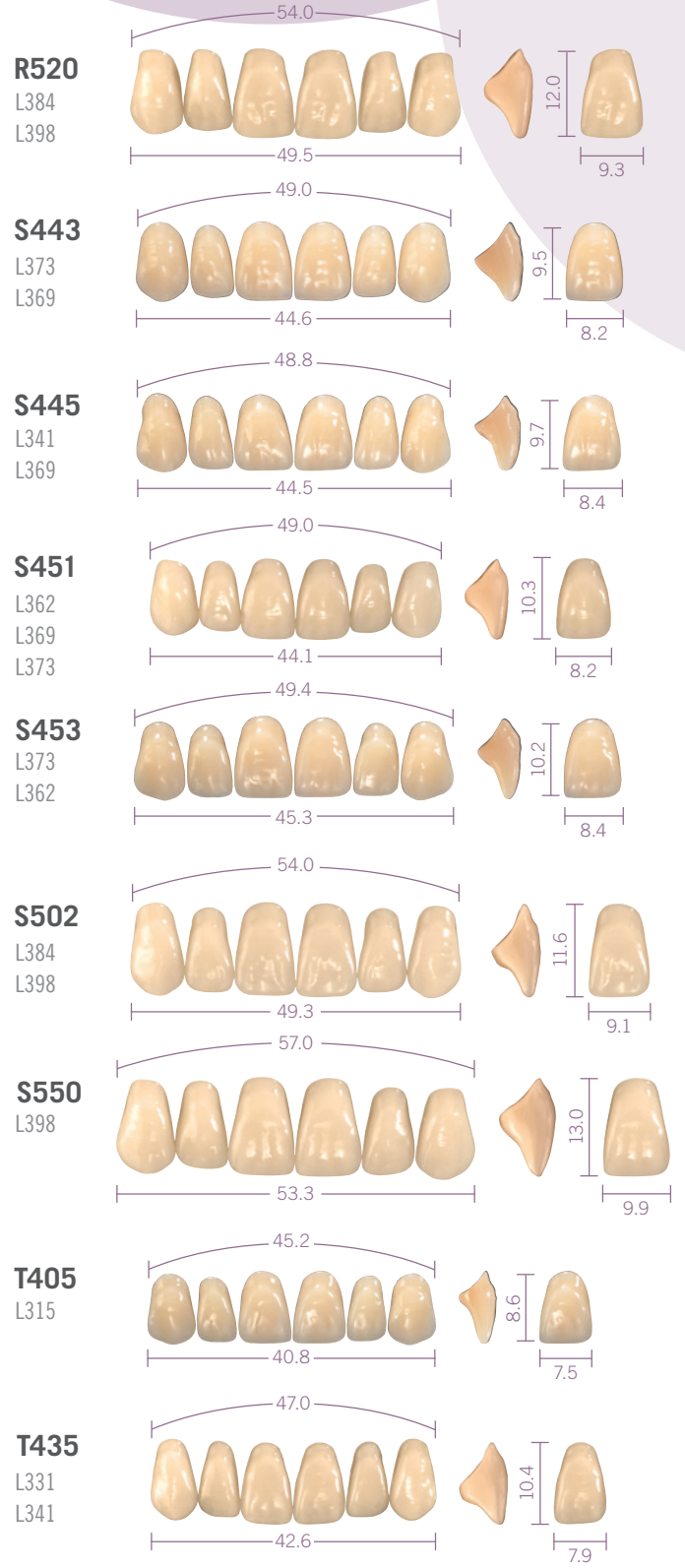
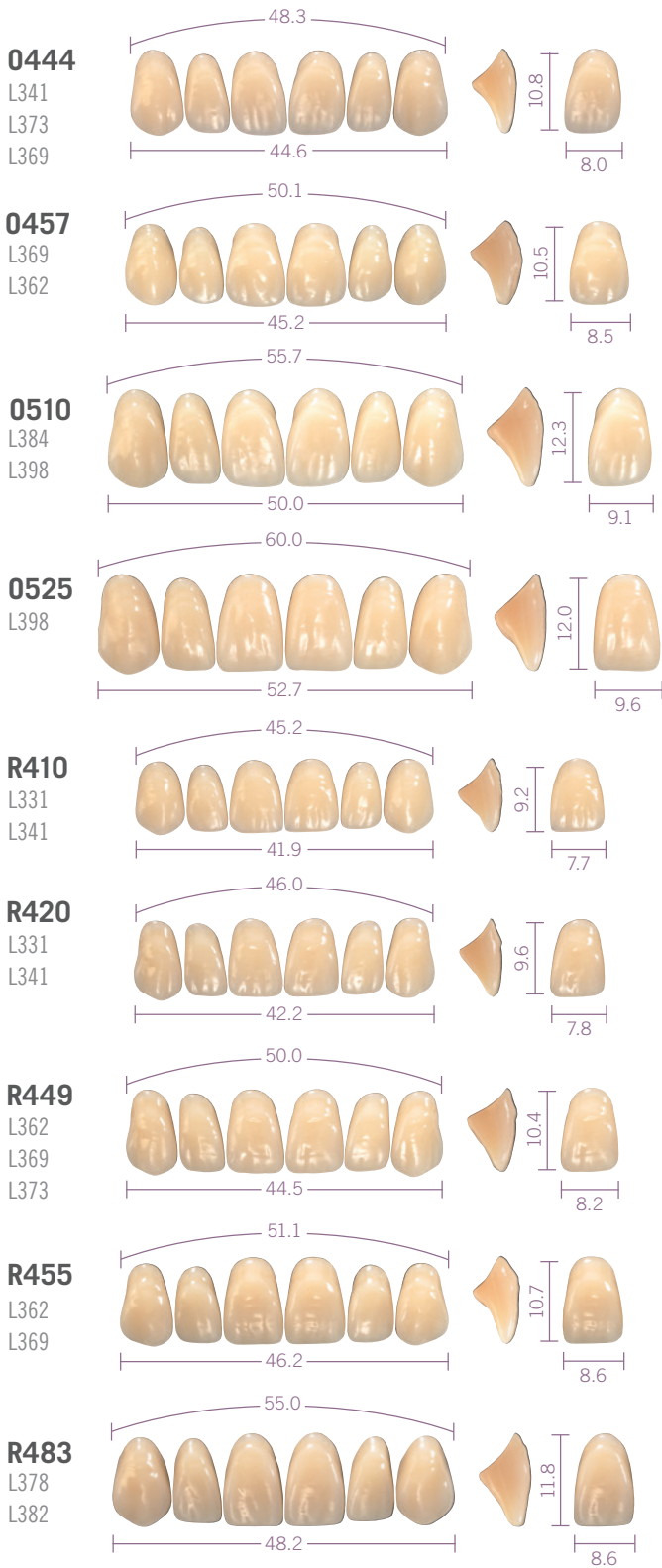
Mondial and Mondial i teeth portfolios **include 28 shapes for anterior teeth and 5 shapes for posterior teeth. Both lines are available in 16 natural shades (A1-D4) and 2 bleach shades (BL2 and BL3).**



“The esthetics and functionality of Mondial/i teeth have been paramount in my client/patient satisfaction for years now. As dentistry has evolved and implant restoration became more prevalent, this tooth line has further impressed me in regard to hybrid implant cases. I have seen these teeth stand the test of time in hybrid restorations, even when opposing fixed ceramic restorations. The natural contours and increased translucency makes it the perfect choice for any quality implant restoration.”

— Oscar D. Galvis CDT, MDT, MS

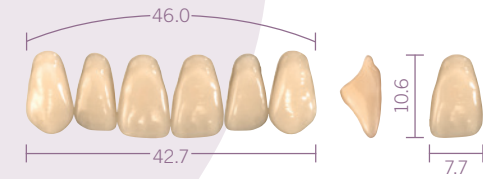
Mondial 6 Anteriors



Mondial 6 Anteriors

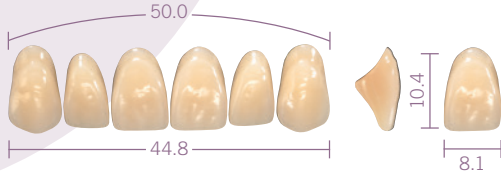
T440

L331
L341



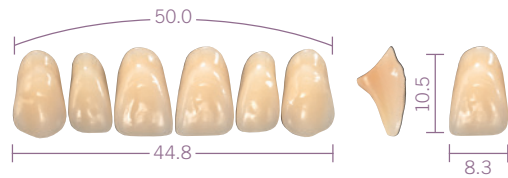
T442

L331
L341
L362



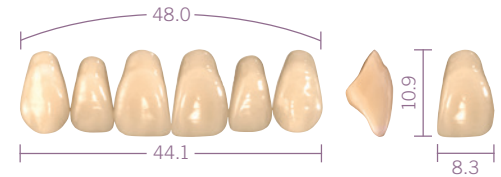
T450

L341
L369



T452

L341
L369



T465

L362
L378



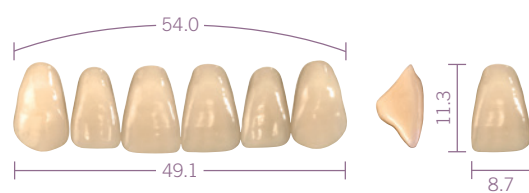
T477

L362
L378



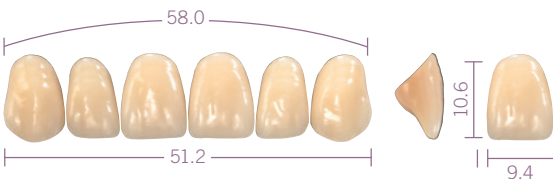
T495

L378
L382

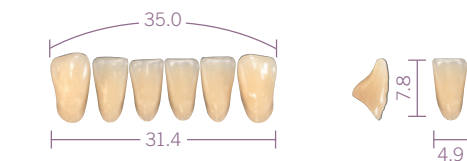


T515

L384



L315



L331



L341



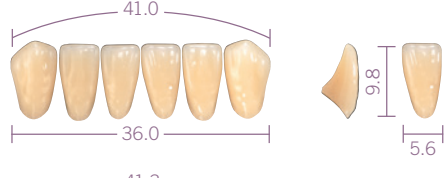
L362



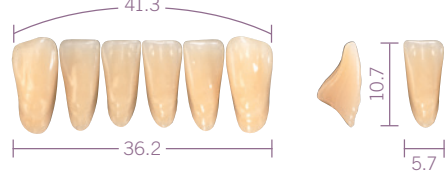
L369



L373



L378



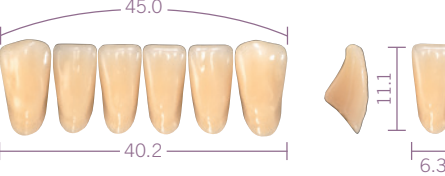
L382



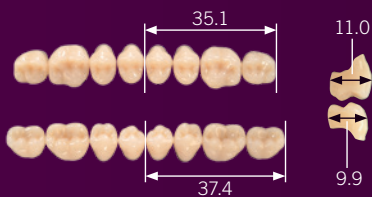
L384



L398



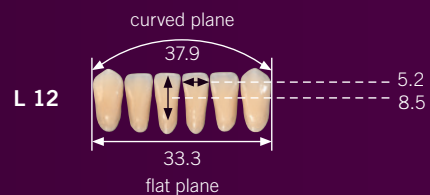
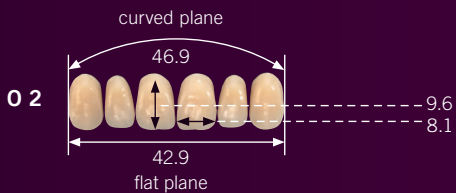
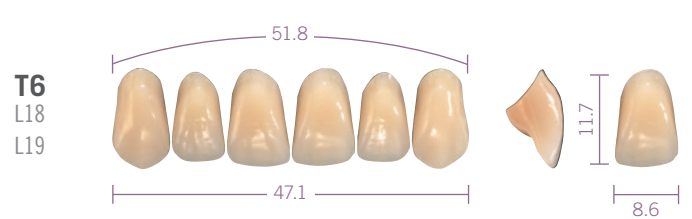
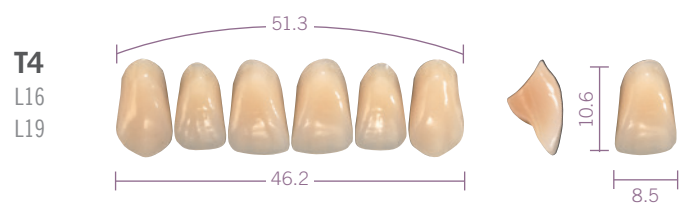
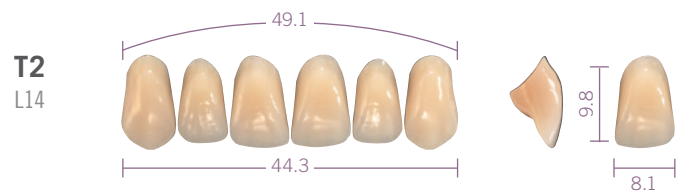
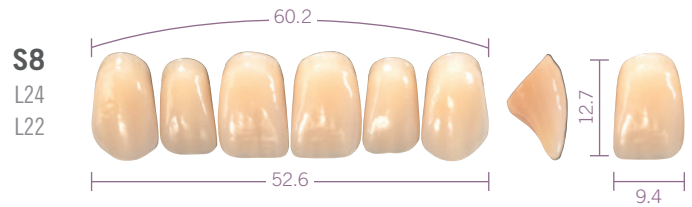
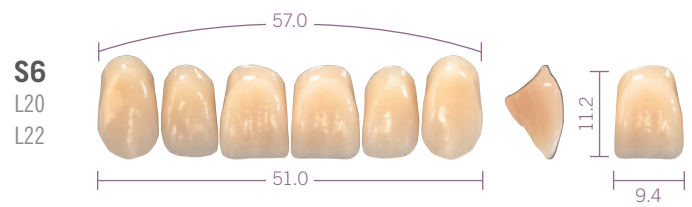
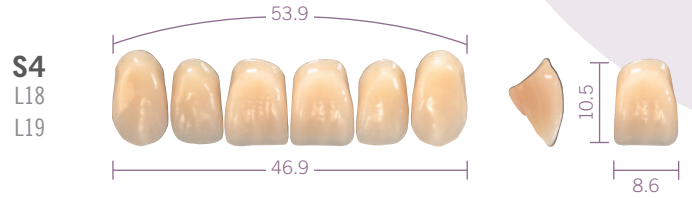
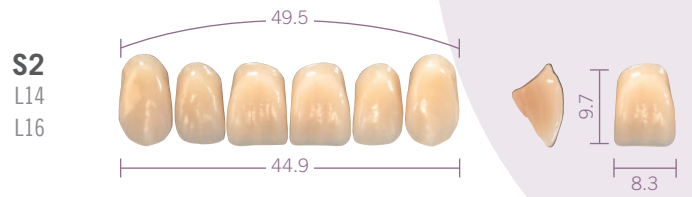
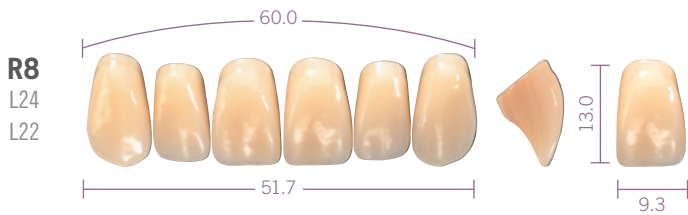
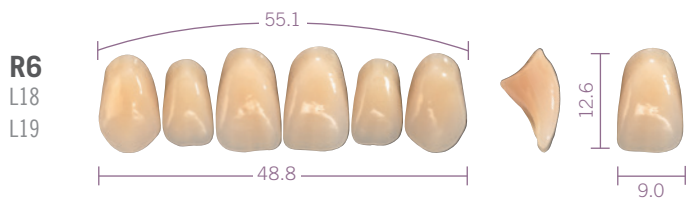
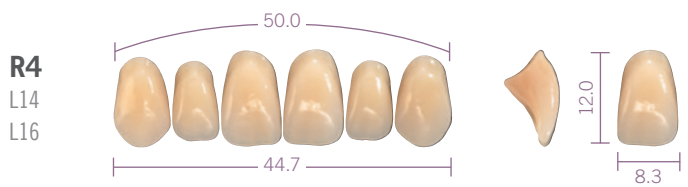
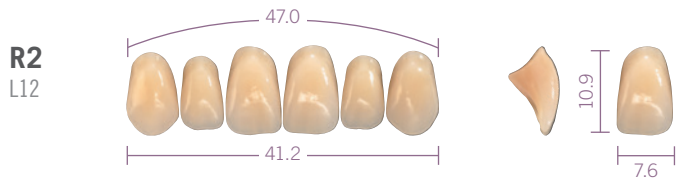
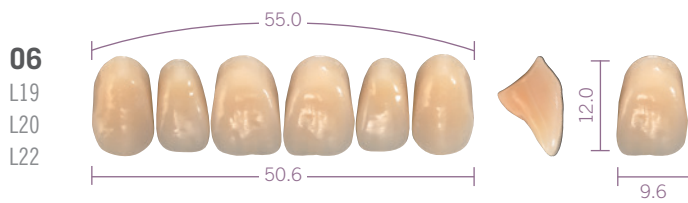
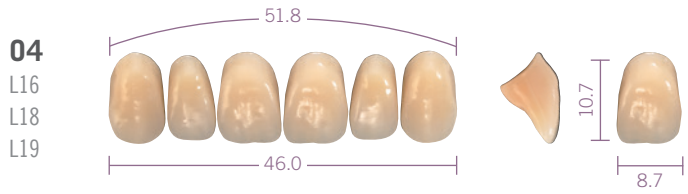
37



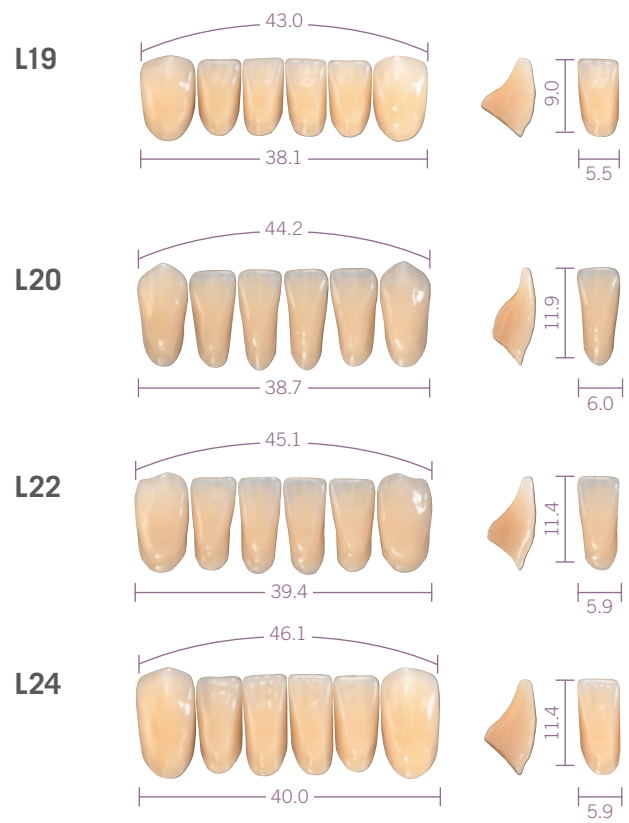
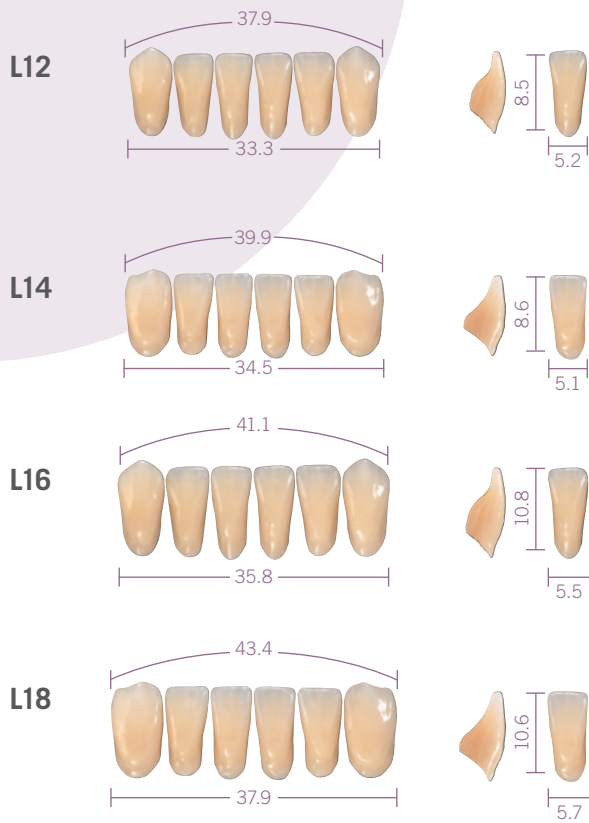
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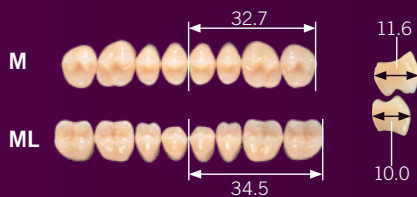
Mondial 6i Anteriors



Mondial 6i Anteriors



Pala Mix & Match Shade Guide



















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 Portrait, Bioform, Bioblend, Trublend and IPN are registered trademarks of Dentsply International, Inc.
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Pala Mix & Match

Mould numbers and possible combinations

The following chart shows the Mondial and Mondial i teeth combinations to illustrate how customized your solutions can be.

	Mondial 6 Upper 	Mondial 6 Lower 	Mondial 8i 5°* & 33° 	Mondial 8 10° & 20° 
 Ovoid	O444	L341, L373, L369	S/SL, 33	30, 33
	O457	L369, L362	S/SL + M/ML, 35	32, 35
	O510	L384, L398	L/LL, 37	32, 37
	O525	L398	L/LL, 37	32, 37
 Rectangular	R410	L331, L341	XS/XSL, 31	28, 29, 31
	R420	L331, L341	XS/XSL + S/SL, 31, 33	28, 30, 31, 33
	R449	L362, L369, L373	S/SL + M/ML, 33, 35	30, 32, 33, 35
	R455	L362, L369	S/SL + M/ML, 33, 35	30, 32, 33, 35
	R483	L378, L382	M/ML + L/LL, 35, 37	32, 35, 37
	R520	L384, L398	L/LL, 37	37
 Square	S443	L373, L369	S/SL, 33	30, 33
	S445	L341, L369	S/SL, 33	30, 33
	S451	L362, L369, L373	M/ML + S/SL, 33, 35	33, 35
	S453	L373, L362	S/SL, 33	30, 33
	S502	L384, L398	L/LL, 37	37
	S550	L398	L/LL, 37	37
 Triangular	T405	L315	-	28, 29
	T435	L331, L341	XS/XSL + S/SL, 31, 33	31, 33
	T440	L331, L341	XS/XSL + S/SL, 31, 33	31, 33
	T442	L331, L341, L362	XS/XSL + S/SL, 31, 33	28, 30, 31, 33
	T450	L341, L369	S/SL, 33	30, 33
	T452	L341, L369	S/SL, 33	33
	T465	L362, L378	M/ML, 35	32, 35
	T477	L362, L378	M/ML, 35	32, 35
	T495	L378, L382	M/ML + L/LL, 35, 37	35, 37
T515	L384	L/LL, 35, 37	32, 35, 37	

	Mondial 6i Upper 	Mondial 6i Lower 	Mondial 8i 5°* & 33° 	Mondial 8 10° & 20° 
 Ovoid	O2	L12, L14	XS/XSL + S/SL, 31, 33	28, 30, 31, 33
	O4	L16, L18, L19	S/SL + M/ML, 35	30, 32, 35
	O6	L19, L20, L22	L/LL, 37	32, 37
 Rectangular	R2	L12	XS/XSL + S/SL, 31, 33	28, 30, 31, 33
	R4	L14, L16	S/SL + M/ML, 33, 35	30, 32, 33, 35
	R6	L18, L19	M/ML + L/LL, 35, 37	32, 35, 37
	R8	L24, L22	L/LL, 37	37
 Square	S2	L14, L16	XS/XSL + S/SL, 31, 33	28, 30, 31, 33
	S4	L18, L19	M/ML, 33, 35	32, 33, 35
	S6	L20, L22	L/LL, 37	32, 37
	S8	L24, L22	L/LL, 37	37
 Triangular	T2	L14	XS/XSL + S/SL, 31, 33	28, 30, 31, 33
	T4	L16, L19	S/SL + M/ML, 33, 35	30, 32, 33, 35
	T6	L18, L19	L/LL, 35	32, 35

*Please note: Mondial i - 5° teeth have the same moulds as Mondial. There is a point of differentiation in the layering of the tooth and the volume base.

Mondial Mould Comparison Chart

Kulzer	Dentsply Portrait® IPN®	Ivoclar BlueLine®
R 410	21C, 43D	A41, P15
R 420	21D, 42D, 55D	A44, P1, P2, P14
R 449	12E, 22E, 54F	P17
R 455	12F, 25G, 42F	A66, P5
R 483	12G, 32G, 45H, 62G, 74H, 75G	A37, P11, P8
R 520	21G	A16, A17
S 443	13E, 24F, 32E	A13
S 445	–	P4
S 451	12E	A26
S 453	22G, 21X, 75E	–
S 502	11H	P12
S 550	21J	P18
T 405	22C, 32B	A11
T 435	42D	P3
T 440	21D	P2
T 442	–	–
T 450	–	A12, A42, P7
T 452	22E	P6
T 465	43F	A36, A54, P13, P6
T 477	11G, 42G	A14, P16
T 495	45H	P10
T 515	21E	P12
O 444	31F	–
O 457	55F	A32
O 510	21G	A16
O 525	–	A17
L 315	C, D	–
L 331	E, F, H	A2, A3, A4
L 341	L, N, G	–
L 362	J, M	A5, A6
L 369	O, P	–
L 373	–	–
L 378	I	AL
L 382	S	–
L 384	K1, U	A8
L 398	W	–

Mondial i Mould Comparison Chart

Kulzer	Dentsply Portrait® IPN®	Ivoclar BlueLine®	Phonares®
R 2	42D/22C	A44	S61
R 4	22E	P3	S81
R 6	21E	NM	S72
R 8	21J	P18	B63
S 2	12E	A11	B81
S 4	43F	A24B	B82
S 6	12G	P9	B83
S 8	41J	–	B73
T 2	43F	P13	B61
T 4	32G	P8	B82
T 6	42G	A25	B72
O 2	55D	A12	B61
O 4	55F	A56	S72
O 6	21G	A15	B73
L 12	P	A2L	L50
L 14	M	A5	L51
L 16	K1	A7	L51
L 18	W	A8	L53
L 19	V	A8	–
L 20	K1	A8	L25
L 22	W	NM	L52
L 24	K1	–	L52

Teeth Shade Conversion Chart

Kulzer Mondial® and Mondial i*	Vita 3D Master	Vita Classic	Vita MFT	Dentsply Portrait® IPN®	Dentsply Bioform® IPN®	Dentsply Bioblend® IPN®	Dentsply Trublend® SLM	Ivoclar Chromoscop	Ivoclar Vivodent-PE	Ivoclar BlueLine®	Ivoclar Phonares®
A1	2M1	A1	A1	P1	B51, B59	100	T9	120	1A	A1	A1
A2	2M2	A2	A2	P2	B53, B59, B62	104	T11	130	2A	A2	A2
A3	3M2	A3	A3	P3	B54, B65	108	T13	140	1C	A3	A3
A3.5	3R2.5	A3.5	A3.5	P3.5	B83, B96	116	T20	230	1E	A3.5	A3.5
A4	4M2	A4	A4	P4	B78, B81, B84, B96	118	T20	340	3E	A4	A4
B1	1M1	B1	B1	P11	B59	100	T22	120	1A	B1	B1
B2	2L1.5	B2	B2	P12	B52, B63, B66, B68, B92	104	T24	120	1A	B2	B2
B3	3L2.5	B3	B3	P13	B55, B56, B64, B65, B67, B77, B95	109	T23	210	2B	B3	B3
B4	3M3	B4	B4	P14	B56, B70, B83, B84	110	T10	320	5B	B4	B4
C1	3M1	C1	C1	P21	B59, B69, B91	102	T6	120	1A	C1	C1
C2	3L1.5	C2	C2	P22	B94	106	T7	430, 440	4B, 6C	C2	C2
C3	4L1.5	C3	C3	P23	B95	–	T8	430, 510	4B, 6D	C3	C3
C4	5M1	C4	C4	P24	B96	–	T3	520	4C	C4	C4
D2	3M1	D2	D2	P32	B92	–	T14	130	2A	D2	D2
D3	3M2	D3	D3	P33	B65, B93	–	T5	410	4A	D3	D3
D4	3L1.5	D4	D4	P34	B69	113	T2	440	6C	D4	D4
BL2	–	–	–	PW4	–	–	–	–	–	O10	–
BL3	–	–	OM3	PW2	–	–	–	–	–	O30	BL3
–	–	–	–	–	–	–	–	–	–	–	BL4

*Kulzer Shades are equivalent to Vita Shades. Mondial® and Mondial i are available in 18 shades (A1–D4 and BL2 and BL3). Kulzer teeth meet and exceed all the requirements of EN ISO 22112:2006 and ANSI/ADA Specification No. 15-1999.

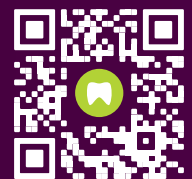
Mondial 8 Posteriors



Make a good thing even better.

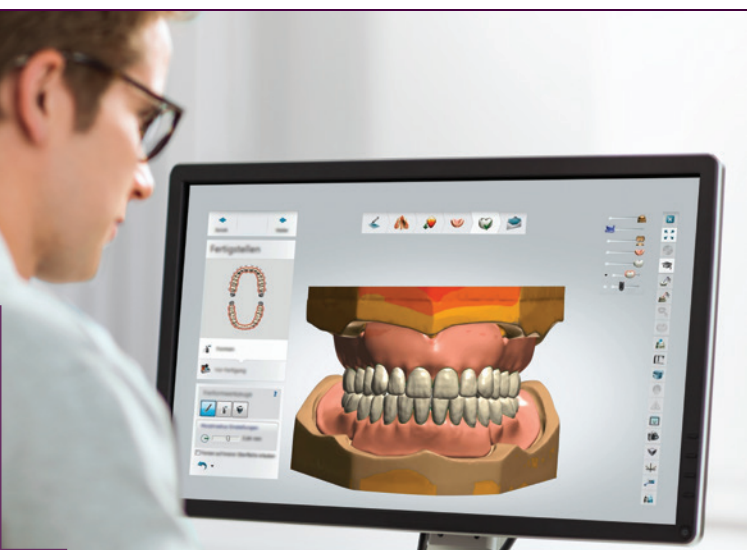
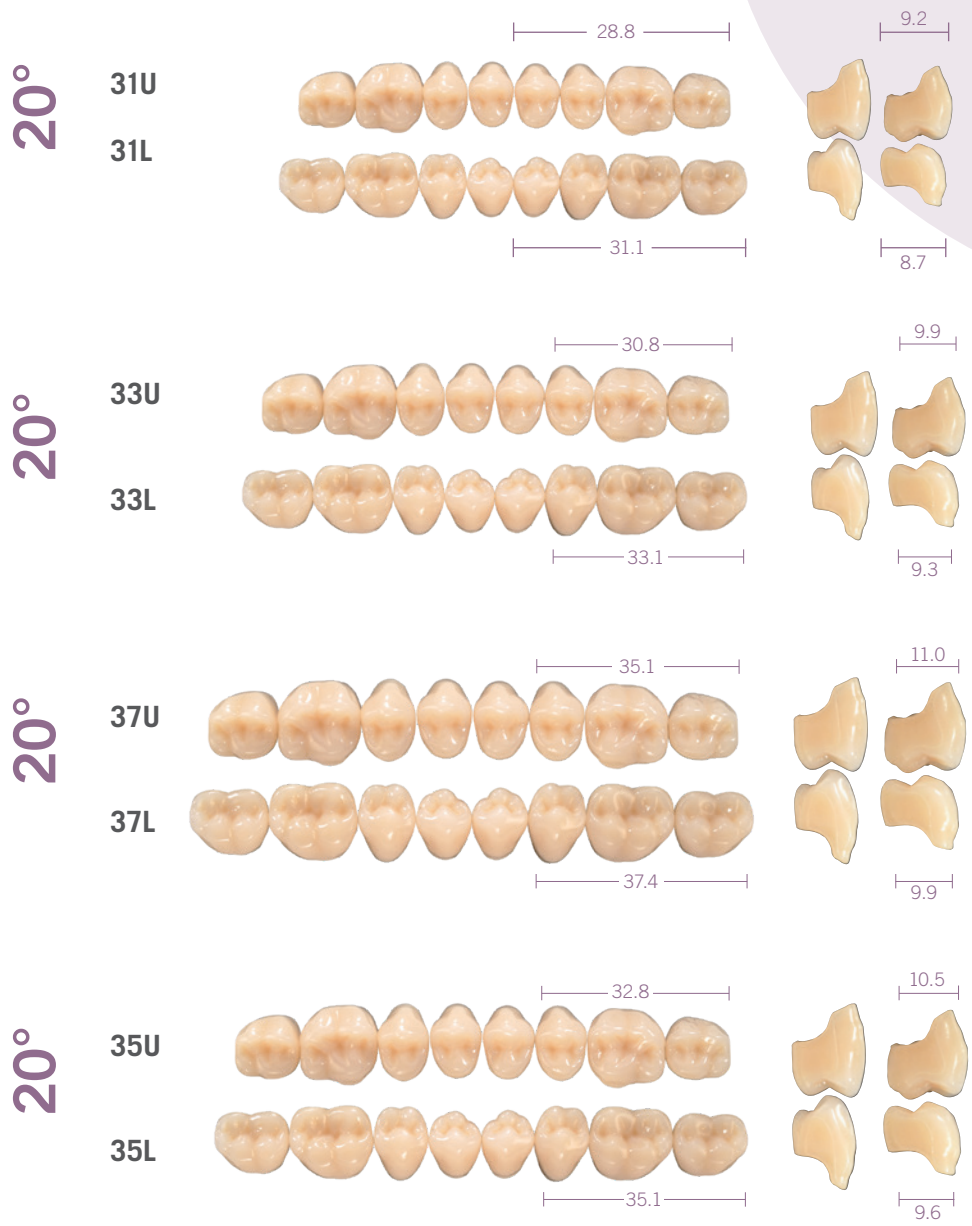
Streamline your digital workflow with simplified ordering...

Use the Pala® Easy Scan system with our complimentary barcode scanner for the easy, seamless ordering of the teeth you need.



Watch the video

Mondial 8 Posteriors

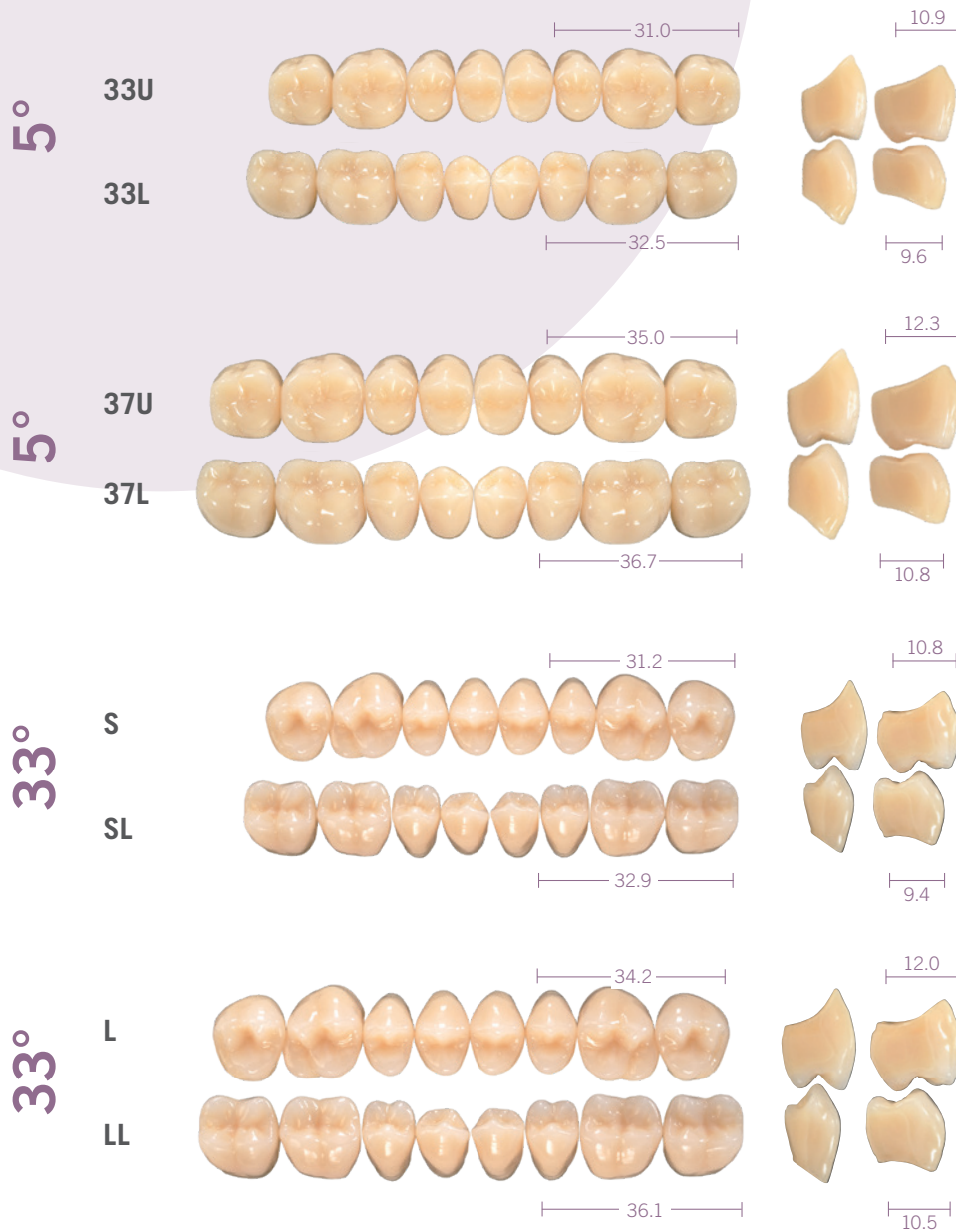


...and simplified tooth setup.

The Kulzer Digital Tooth Library

The pre-set tooth parameters in the Kulzer Digital Tooth Library support the precise digital setup and production of dental prosthetics.

Mondial 8i Posteriors



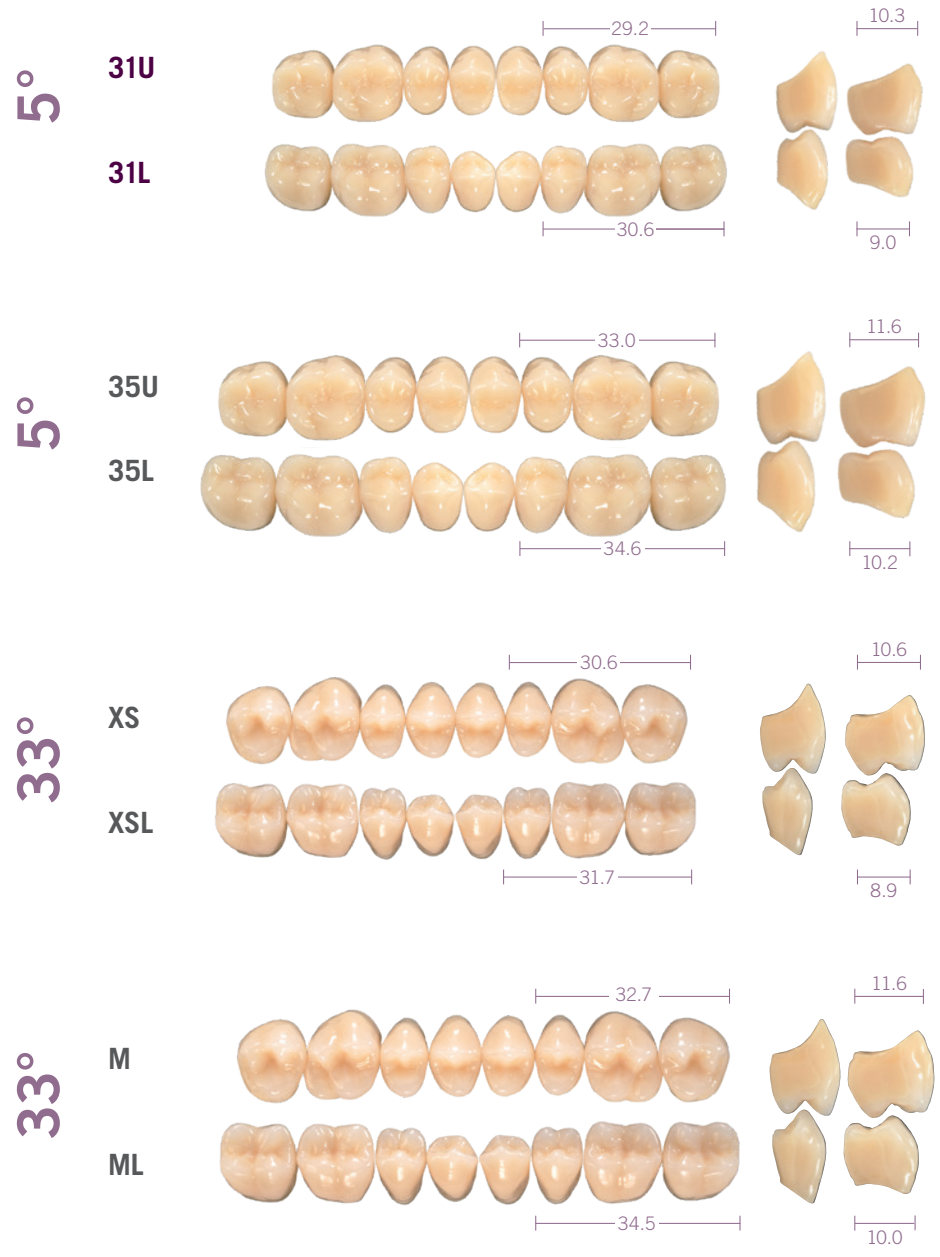
Analog Denture Workflow for Dental Labs

Boost production and streamline your team's analog denture fabrication process. This Workflow will teach your technicians how to get consistently beautiful results with every case.

5 Steps for Labs: Model & Impression Tray | Base Plate & Bite Blocks | Teeth Setup | Denture Processing | Denture Finishing



Mondial 8i Posteriors



Get Pala Certified and become an expert in analog denture design.

Join this no-cost instructional program that provides a comprehensive process to establish a coherent denture fabrication workflow in your lab.



So much *more* than teeth...



KULZER
MITSUI CHEMICALS GROUP

The most reliable service in the industry.

Level up

your denture workflows with Kulzer's unmatched value-added and adjunctive services:

- **Free CE and comprehensive training with the Analog Denture Workflow**
- **Kulzer Digital Tooth Library for More Precise and Streamlined Workflows**
- **Complimentary Cabinet Setup and Tooth Scanner**



Find
your rep



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