

Setting the tone in prosthodontics

To realize this ambitious goal, we have mobilized all our resources: intensive research, valuable raw materials, up-to-date production methods, and rigour quality control.

Bioplus[®], Artiplus[®] and BioStabil[®]

Versatile and successful.



Bioplus[®] Anteriors

This successful classic is unsurpassed in its wealth of different forms and shapes. A total of 60 anteriors are available in Biodent[®] shades (10–41), plus 44 anteriors in V-shades (A1–D4). This ensures that there is a matching denture tooth for every clinical situation.

The four layers of the Bioplus teeth create a vivid depth effect. Incisal shadows, incisal enamel tapering plus and natural opalescence round off the excellent overall aesthetic impression.

Typal Harmony (TH) System

Prof. Kretzschmer's well-known classification of physiques distinguishes three main types:

- Leptosome (L) – slender/lean
- Athletic (A) – strong, muscular
- Pyknic (P) – robust



leptosome –
slender / lean (L)



athletic –
strong,
muscular (A)



pyknic –
robust (P)

As a person's dentition is closely related to his or her physique, Bioplus[®] denture teeth are divided into three groups representing the three physiques. In this way, the individual matching tooth set is rapidly and reliably selected.

Artiplus®

Available in 18 Biodent® shades (10–41)
and 16 V-shades (A1–D4)

Mould

Mould	Half the width of the set in mm	Width of the first molar in mm
28	27.0	8.2
	28.0	7.4
30	29.0	8.2
	30.0	7.2
31	30.0	8.8
	31.0	8.6
33	32.0	8.7
	33.0	8.3
34	33.0	9.9
	34.0	9.1
36	35.0	10.8
	36.0	9.6

Combination table

Bioplus® (anterior)		Artiplus® Posteriors	BioStabil® Posteriors
Upper mould	Lower mould		
L 22	U 11, U 21	31, 33	31, 32
L 23	U 11, U 21	31, 33	31, 32
L 25	U 21, U 24, U 33	31, 33	32, 33
L 31	U 21, U 24, U 42	31, 33	33
L 32	U 21, U 24, U 42	33	33
L 36	U 33, U 42, U 52	33, 34	33, 34
L 46	U 33, U 52, U 53	34	34
L 50	U 33, U 53	34	34
L 51	U 42, U 52, U 54	33, 34	34
L 61	U 53, U 54	34	34
L 63	U 53, U 54, U 63	34	34, 36
L 64	U 53, U 54, U 63	34	34, 36
L 65	U 54, U 63, U 74	34	34, 36
L 66	U 54, U 63, U 74	34	34, 36
L 68	U 54, U 63, U 74	34, 36	34, 36
L 80	U 54, U 63, U 74	34	34, 36
L 81	U 54, U 63, U 75	34, 36	36
L 90	U 74, U 75, U 84	34, 36	36
L 96	U 75, U 76, U 84	34, 36	35, 36
L 97	U 75, U 76, U 84	36	35, 36
L 98	U 84, U 85, U 97	36	35, 36
L 99	U 85, U 97	36	37
A 47	U 21, U 24, U 42	31, 33	31
A 48	U 21, U 42, U 52	31, 33	33
A 52	U 21, U 24, U 42	31, 33	32, 33
A 56	U 42, U 52, U 53	33, 34	33, 34
A 58	U 42, U 52, U 53	34	34
A 68	U 52, U 53, U 63	34	34
A 85	U 54, U 63, U 74	34	34
A 97	U 74, U 84	36	34, 36
P 25	U 11, U 21	28, 31	28, 31
P 26	U 21, U 11	31, 33	31, 32
P 33	U 24, U 42, U 52	31, 33	33
P 40	U 24, U 42, U 52	31, 33	33
P 41	U 42, U 52	30, 31	31, 32
P 45	U 42, U 52	31, 33	31, 32
P 50	U 33, U 52, U 53	34	33, 34
P 51	U 53, U 54, U 63	34	34, 36
P 53	U 42, U 52, U 53	33, 34	33, 34
P 58	U 52, U 53, U 63	34	34
P 60	U 42, U 52	31, 33	31, 32
P 61	U 42, U 52	31, 33	32, 33
P 64	U 42, U 52, U 53	34	33, 34
P 77	U 74, U 75	34	34

BioStabil®

Available in 18 Biodent® shades (10–41)
and 16 V-shades (A1–D4)

Mould

Mould	Half the width of the set in mm	Width of the first molar in mm
28 *	27.0	7.6
	28.0	7.8
31	29.0	7.8
	31.0	8.2
32	30.0	7.8
	32.0	8.0
33	31.0	8.5
	33.0	8.8
34	31.0	8.5
	34.0	9.0
36	34.0	9.2
	36.0	9.6
35 *	33.0	9.5
	35.0	9.8
37 *	36.0	10.0
	37.0	10.0

Special moulds 35 and 37

These teeth are longer (especially in a lingual/palatal dimension), crown-shaped and possess sufficient bulk. Even large gaps can be closed in an anatomically correct and aesthetically pleasing manner.

Retentions and clasp interfaces are covered completely. Resin denture saddles can be designed more delicately in many cases.

* Available only in Biodent shades

Bioplus®

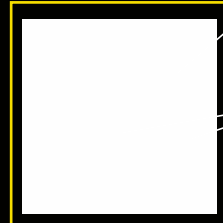
Available in 18 Biodent® shades (10–41) and 16 V-shades (A1–D4)

Mould	Width of the complete set in mm*	Length of the centrals without neck in mm	Width of the centrals in mm
U11	31.5	7.5	4.7
U21	32.5	8.0	5.0
U24	33.0	9.0	4.9
U26*	32.0	9.0	4.5
U33	34.0	9.0	4.9
U42	35.0	8.5	5.3
U52	36.0	8.5	5.7
U53	35.0	9.0	5.3
U54	35.5	9.0	5.5
U63	36.5	8.5	5.5
U74	38.0	9.5	5.9

Mould	Width of the complete set in mm*	Length of the centrals without neck in mm	Width of the centrals in mm
U75	37.5	9.5	5.9
U76	38.0	10.0	5.5
U84	38.0	9.5	5.8
U85	38.0	11.5	5.7
U97	40.5	11.0	6.2

* Available only in Biodent shades

INPEN®-Structure:
Homogenous three-dimensional structure and connection of primary and secondary molecular chains



Connection of primary chains

Connection of secondary chains



Artiplus® Posteriors

Well-defined surfaces guide the masticatory movements within the accepted average range (cusp inclination: 25°–28°). The support and balance afforded by ascending surfaces and cusps and the multi-point contacts reduce lateral forces. The basal area is concave. It ends in a cervical collar that surrounds the tooth. This creates additional mechanical retention and allows for more rapid and uncomplicated adjustments.

BioStabil® Posteriors

The cusp relief is physiologically reduced (20°–22°). No obstacles exist to gliding movements in the masticatory range, nor any excessive intercuspation. This physiological “tolerance” renders BioStabil® denture teeth suitable for **all** types of bite.

INPEN® – Quality Acrylic

The high-quality INPEN® material (interpenetrated polymer network) is the chemical basis of the DENTSPLY denture teeth. Its highly connection copolymers give this material its superior properties:



- Excellent abrasion resistance
- Minimal plaque affinity
- Excellent colour stability
- Excellent craquelé resistance
- Maximum bond strength
- Added reliability for the laboratory, dentist and patient





The result:
high-quality and long-lasting denture teeth.

Bioplus®

Available in 18 Biodent® shades (10–41)
and 16 V-shades (A1–D4)









Mould	Leptosome	Width of the complete set in mm	Length of the centrals without neck in mm	Width of the centrals in mm
L22		41.5	10.0	7.8
L23		42.0	9.5	8.0
L25		42.5	10.0	7.8
L31		43.0	9.5	8.3
L32		43.0	10.0	8.0
L36		43.0	10.0	8.2
L46		44.0	10.0	8.5
L50		44.5	10.5	8.3
L51		44.5	10.0	8.6
L61		45.5	10.5	8.2
L63		46.0	10.5	8.7










Mould	Leptosome	Width of the complete set in mm	Length of the centrals without neck in mm	Width of the centrals in mm
L64		45.5	10.5	8.7
L65		45.5	11.0	8.6
L66		46.0	11.0	8.8
L68		46.5	11.0	9.0
L80		47.0	10.0	9.2
L81		48.0	11.0	9.0
L90		48.5	11.0	9.4
L96		48.0	11.5	9.0
L97		48.5	11.0	8.8
L98		51.0	12.0	10.0
L99		50.0	13.0	9.6

* Available only in Biodent shades

Bioplus®

Available in 18 Biodent® shades (10–41) and 16 V-shades (A1–D4)

Mould	Athletic	Pyknic	Width of the complete set in mm	Length of the centrals without neck in mm	Width of the centrals in mm
A47			43.5	9.0	8.0
A48			44.5	9.5	8.4
A52			44.0	9.5	8.4
A56*			45.5	9.5	8.4
A58			45.5	10.0	8.4
A68			46.0	10.0	8.6
A85			47.5	10.5	8.8
A97			49.0	10.5	9.5
P25*			42.5	9.0	8.0
P26			42.0	9.5	7.8
P33			43.0	9.5	8.0

Mould	Pyknic	Width of the complete set in mm	Length of the centrals without neck in mm	Width of the centrals in mm
P40		44.0	9.5	8.0
P41*		43.0	9.0	8.2
P45*		43.5	9.0	8.3
P50*		45.0	10.5	8.5
P51*		45.0	10.5	8.6
P53		44.5	10.0	7.8
P58*		45.5	10.5	9.8
P60*		45.5	9.0	8.7
P61*		45.5	9.5	8.5
P64		46.0	10.0	8.7
P77*		47.5	10.0	9.6

* Available only in Biodent shades



Perfectly Combined Components

To ensure a high level of processing reliability, we offer a comprehensive prosthodontic system, all components are perfectly combined with our toothlines.

Selectaplast/Selectaplast H

A cold-cure and a heat-cure resin for complete and partial dentures, repairs and relinings. Selectaplast is characterized by high fracture resistance, colour stability and plaque resistance.

StarLoy L

Laserable cobalt-chromium alloy for cast-metal frameworks. StarLoy L features a low melting range, castings of very high quality, and is extra spring-hard.

SilberStar

Investment material for metal casting with optimized flow characteristics and a stable model surface.

ReproStar

Addition-curing two-component silicone, suitable for all duplicating techniques. Stable reproduction and high tear resistance are guaranteed.

Triad Custom Tray

For simple fabrication of stable and firm custom impression trays. No waiting required.

Isolant

Dental-stone model and flask isolation liquid for denture fabrication and repairs.

Pinnacle Modelling Wax

Modelling wax perfectly suited for partial and complete denture modelling and tooth set-up and for augmenting bite rims.

Sales through:



CE 0088 ISO 3336

Manufacturer:
DENTSPLY Brazil
25665-010-Petrópolis-RJ
Brazil

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DENTSPLY

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