

Posteriors Optognath/Optocal

Optognath.

Posterior teeth with anatomical occlusal surfaces

The Optognath posterior tooth provides superior physiological function, accurate intercusp relationship, perfect occlusion and even distribution of masticatory load.

The unique hollow neck improves bonding to the denture base material and eliminates the need for any grinding. Optognath guarantees fast and easy laboratory set up and first time fit in the patient's mouth.

- Cusp angle 28°
- Functional contouring of occlusal surface
- Exact central occlusion
- Multiple contact points
- Optimum inter-cuspitation

Advantages

- fast and easy setup
- proven occlusion

Indication

- full dentures
- partial dentures



Optocal.

Posterior teeth with flat plane occlusal surfaces

Optocal is a two-layered posterior tooth specifically designed using the "concave template" principle for difficult cases where complete dentures are indicated. The unique flat plane occlusal surface guarantees unrestricted movements and easy occlusion.

- Flat plane occlusal surface
- Gentle on soft tissue due to elimination of all horizontal components. Lateral shear is reduced to a minimum on the denture-supporting tissue making the fit comfortable for the patient
- Special concave template for ease of working and excellent articulation

Advantage

- higher degree of freedom regarding centric relation

Indication

- full dentures
- gerodontology



In accordance with European Directive 93/42/EEC, our products bear the CE marking on the basis of their classification

Kontakt in Deutschland
Heraeus Kulzer GmbH
 Grüner Weg 11
 63450 Hanau
 Phone 0800 43 72-522
 Fax 0800 43 72-329
 info.lab@heraeus.com
 www.heraeus-dental.com

Contact in the United Kingdom
Heraeus Kulzer Ltd.
 Albert Road
 Northbrook Street, Newbury
 Berkshire, RG14 1DL
 Phone +44 (0) 1635 30500
 Fax +44 (0) 1635 524622
 admin.uk@heraeus.com
 www.heraeus-dental.com

Contact in Australia
Heraeus Kulzer Australia Pty. Ltd.
 Rydecorp
 Unit 6, 2 Eden Park Drive
 Macquarie Park NSW 2113
 Toll Free: 1800 226 521
 Phone: (02) 8422 6100
 Fax: (02) 9888 1460
 sales@heraeus.com.au
 www.heraeus-dental.com

Contact in Scandinavia
Heraeus Kulzer Nordic AB
 Box 437
 SE-191 24 Sollentuna
 Hammarbacken 4B
 Phone +46 8585.777.55
 Fax +46 8623.14.13
 www.heraeus-dental.com

Heraeus

Product information
 Classic. In great shape



Anteriors Optostar/Optodent

Optostar/Optodent.

Multilayered anterior teeth

The wide range of shades and moulds available with these anatomically shaped teeth permits perfect adaptation to existing dentition or in the situation where complete dentures are indicated. The special layer of the Optostar ensures that the teeth look natural under any light. Optostar is a 4-layer-tooth and Optodent a 3-layer-tooth.

With their high degree of translucency in the incisal and approximal regions, they offer your dentist customers and their patients anterior teeth with an appearance guaranteed to match that of nature under all ambient or artificial lighting conditions.

Optostar

This four-layered anterior tooth offers exceptional translucency through the enamel layer covering both the lingual and labial surfaces. Opalescent bluish white incisal edges and individual characteristics make this an artificial tooth of choice that is indistinguishable from natural dentition.

Optodent

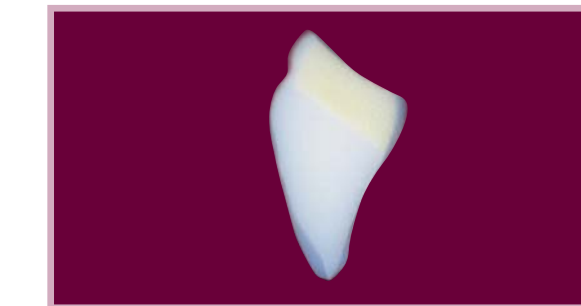
The natural looking three-layered anterior tooth offers translucency, opacity, individual characterisation and the unique surface contours. Together these give Optodent its vivid appearance and natural vitality. Optodent, like Optostar with its contours at the margins, is ideal for matching existing dentition even when extreme gingival recession is present.

Advantages

- diversified product assortment
- optimal adjustment to the surrounding area in the mouth

Indication

- full dentures
- partial dentures



Classic Anteriors

L 390 39,8 8,8 7,4	L/A 451 45,1 9,8 8,5
L/A 419 43,5 9,1 7,8	L 452 45,8 10,5 8,3
L 423 43,3 9,7 7,9	P 458 46,4 9,3 8,3
L 425 43,7 9,8 7,8	A 460 45,9 10,4 8,6
P 426 42,8 8,8 8,0	L/A 468 46,9 10,7 8,8
P 432 44,5 9,7 8,3	A/P 470 48,6 9,6 9,0
L 436 43,2 10,6 8,2	P 475 47,0 10,4 9,0
L 438 44,5 10,7 8,2	L 480 46,9 10,5 8,6
L 447 46,5 11,1 8,6	L/A 485 47,8 11,1 8,9
P 448 47,1 9,8 9,0	L/A 490 49,3 12,1 8,9

Classic Anteriors

L 501 50,1 13,2 9,6	U 38 35,2 8,7 5,4
A 503 52,3 11,2 9,6	U 67 38,3 10,0 5,7
L/A 520 52,4 12,6 9,9	U 70 39,8 8,7 6,0
U 25 33,0 7,9 5,0	U 74 38,1 9,8 5,9
U 32 31,6 9,9 4,6	U 86 37,8 9,1 5,6
U 33 33,3 10,5 5,1	U 88 39,2 11,1 5,7
U 34 35,8 8,3 5,3	U 92 39,5 10,8 6,1
U 37 34,5 8,9 5,4	Beispiele 30 7,5 6,9 30 28,4 30 34 35,8 8,3 5,3 30,5

Classic Posteriors

30 28,4 7,5 30,5 6,9
32 30,6 8,4 32,5 7,8
32 K 30,6 8,4 32,5 8,1
34 32,2 9,2 35,1 8,2
36 34,2 10,0 37,5 9,3
K 1 28,7 8,4 29,6 9,2
K 2 32,6 9,0 34,6 9,5

Mould numbers and possible combinations

Upper anteriors	Lower anteriors	Posteriors
L 390	U 25 + 32	30 + 32 K
L/A 419	U 25 + 37	30 + 32 K
L 423	U 37 + 32	32 + 32 K
L 425	U 37 + 32 + 25	32 + 32 K
P 426	U 34 + 25	30 + 32 K
P 432	U 34 + 37 + 25	30 + 32 K
L 436	U 33 + 37	32 + 34
L 438	U 37 + 38	32 + 34
L 447	U 38 + 67 + 37	32
P 448	U 38 + 67 + 70	32
L/A 451	U 34 + 38 + 37	32
L 452	U 38 + 37 + 67	32 + 34
P 458	U 38 + 34	32
A 460	U 67 + 38	32
L/A 468	U 67 + 86 + 38	32 + 34
A/P 470	U 70 + 67	32
P 475	U 67 + 86 + 74	32 + 34
L 480	U 86 + 67 + 70	32 + 34
L/A 485	U 74 + 92 + 88	32 + 34
L/A 490	U 86 + 88	32 + 34
L 501	U 92 + 88 + 86	34 + 36
A 503	U 92 + 88	34 + 36
L/A 520	U 92 + 88	34 + 36

Shade combination chart ¹⁾

Bio	Vita	Ivo	Vita
10	B 1	01	B 1
13	C 1	1 A	A 1
12	-	2 A	A 2
15	A 2	1 C	A 3
16	A 3	2 B	B 3
17	B 3	1 D	A 3,5
20	-	1 E	-
21	D 3	2 C	A 4
22	-	3 A	B 3
23	-	5 B	B 4
24	-	2 E	-
25	-	3 E	-
26	-	4 A	D 3
27	D 4	6 B	D 3
30	-	4 B	D 4
31	A 3,5	6 C	C 2
32	A 4	6 D	C 3
39	C 3	4 C	C 4
40	C 2	3 C	-
41	C 4	4 D	-



Our teeth are produced using the INCOMP manufacturing process. This means they are free of voids and porosity and have a very high density. Heraeus Kulzer teeth meets, and exceeds, all the requirements of EN ISO 22112:2006.

¹⁾ An absolute match of comparable shades is not possible due to varying production processes of the individual producers. The shades that are missing have no acceptable comparison to the corresponding originals.