

Cendres+Métaux Medtech General Catalogue.

The product portfolio for dental laboratories and dental practices.

CENDRES+ MÉTAUX

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Dalbo® Abutment.

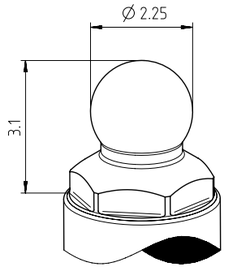
Cendres+Métaux is a leading supplier of prefabricated connecting parts for prosthetics. Ball anchors are very popular and widespread all over the world. Cendres+Métaux's solution is Dalbo®.

The compact spherical shape of the Dalbo® ball anchor is extremely resilient. It has been scientifically proven that the special design and the combination with precious metal retention inserts made of Elitor® ensure reliable function and long durability. This significantly reduces wear and tear and patients benefit from long-lasting, high-quality and reliable restorations.

The original Dalbo® ball anchor is today part of the Swiss Dalbo® System, for use on implants and natural teeth. The Dalbo® System is made up of various ball male parts and female parts to provide the optimum solution for every application.

Dalbo® Abutment.





Characteristics

- Implant anchor of hybrid-supported removable dental prostheses on implants
- Available in different gingival heights for tissue and bone level implants
- Standard 2.25 mm ball diameter
- As an additional retaining element on CAD/CAM milled bars
- A clinically proven concept for decades
- Highly resilient material combinations ensure reliable function and long durability
- Dalbo® Abutment is available for all common implant systems
- Very easy to use, minimum maintenance required

Image	Item	Description	Cat. No.
Components			
	**Abutment**	Material: S	Compatible implant systems see page 22
	**CAD/CAM Retention Element, Retention Element for Bar**	Retention element for bar Material: S Thread M2. Hole 1.6 mm.	05002599
Auxiliary parts			
	**Abutment Analog**	Delivery unit: pack of 4 pieces	07000312
	**Abutment screw driver**	Screwdriver for Dalbo® Abutment	07000266
Compatible female parts for the Dalbo® Abutment			
	**Dalbo® PLUS**	The top and comfort model	See page 42
	**Dalbo® Classic**	The space miracle	See page 44
	**Dalbo® B**	The original, the archetype	See page 46

The original Dalbo® ball anchor from Cendres+Métaux has been perfected and developed to become the Dalbo® System.
Due to the standardised ball diameter of 2.25 mm, a wide range of female parts is available to users.

Dalbo® Abutment.
Compatible implant systems.

			Platform	Recommended torque	Cat. No.
Straumann®	Dalbo®	Abutment	Straumann® RN 4.8, GH1	Torque 35 Ncm	05002446
	Dalbo®	Abutment	Straumann® RN 4.8, GH2	Torque 35 Ncm	05002447
	Dalbo®	Abutment	Straumann® RN 4.8, GH3	Torque 35 Ncm	05002448
	Dalbo®	Abutment	Straumann® RC 4.1/4.8, GH3	Torque 35 Ncm	05002456
	Dalbo®	Abutment	Straumann® RC 4.1/4.8, GH4	Torque 35 Ncm	05002457
	Dalbo®	Abutment	Straumann® RC 4.1/4.8, GH5	Torque 35 Ncm	05002458
	Dalbo®	Abutment	Straumann® NC 3.3, GH3	Torque 35 Ncm	05002476
	Dalbo®	Abutment	Straumann® NC 3.3, GH4	Torque 35 Ncm	05002477
	Dalbo®	Abutment	Straumann® NC 3.3, GH5	Torque 35 Ncm	05002478
Astra Tech	Dalbo®	Abutment	Astra Tech OsseoSpeed® EV 3.6, GH3	Torque 25 Ncm	05002706
	Dalbo®	Abutment	Astra Tech OsseoSpeed® EV 3.6, GH4	Torque 25 Ncm	05002707
	Dalbo®	Abutment	Astra Tech OsseoSpeed® EV 3.6, GH5	Torque 25 Ncm	05002708
	Dalbo®	Abutment	Astra Tech OsseoSpeed® EV 4.2, GH3	Torque 25 Ncm	05002716
	Dalbo®	Abutment	Astra Tech OsseoSpeed® EV 4.2, GH4	Torque 25 Ncm	05002717
	Dalbo®	Abutment	Astra Tech OsseoSpeed® EV 4.2, GH5	Torque 25 Ncm	05002718
	Dalbo®	Abutment	Astra Tech OsseoSpeed® EV 4.8, GH3	Torque 25 Ncm	05002726
	Dalbo®	Abutment	Astra Tech OsseoSpeed® EV 4.8, GH4	Torque 25 Ncm	05002727
	Dalbo®	Abutment	Astra Tech OsseoSpeed® EV 4.8, GH5	Torque 25 Ncm	05002728
	Dalbo®	Abutment	Astra Tech OsseoSpeed® 3.5/4.0, GH3	Torque 25 Ncm	05002736
	Dalbo®	Abutment	Astra Tech OsseoSpeed® 3.5/4.0, GH4	Torque 25 Ncm	05002737
	Dalbo®	Abutment	Astra Tech OsseoSpeed® 3.5/4.0, GH5	Torque 25 Ncm	05002738
	Dalbo®	Abutment	Astra Tech OsseoSpeed® 4.5/5.0, GH3	Torque 25 Ncm	05002746
	Dalbo®	Abutment	Astra Tech OsseoSpeed® 4.5/5.0, GH4	Torque 25 Ncm	05002747
	Dalbo®	Abutment	Astra Tech OsseoSpeed® 4.5/5.0, GH5	Torque 25 Ncm	05002748
Dentsply	Dalbo®	Abutment	DENTSPLY Ankylos® C 3.5,4.5,5.5,7.0, GH3	Torque 25 Ncm	05002756
	Dalbo®	Abutment	DENTSPLY Ankylos® C 3.5,4.5,5.5,7.0, GH4	Torque 25 Ncm	05002757
	Dalbo®	Abutment	DENTSPLY Ankylos® C 3.5,4.5,5.5,7.0, GH5	Torque 25 Ncm	05002758
Nobel Biocare	Dalbo®	Abutment	Nobel Biocare Replace Select® RP 4.3, GH1	Torque 35 Ncm	05002486
	Dalbo®	Abutment	Nobel Biocare Replace Select® RP 4.3, GH2	Torque 35 Ncm	05002487
	Dalbo®	Abutment	Nobel Biocare Replace Select® RP 4.3, GH3	Torque 35 Ncm	05002488
	Dalbo®	Abutment	Nobel Biocare Replace Select® NP 3.5, GH1	Torque 35 Ncm	05002496
	Dalbo®	Abutment	Nobel Biocare Replace Select® NP 3.5, GH2	Torque 35 Ncm	05002497
	Dalbo®	Abutment	Nobel Biocare Replace Select® NP 3.5, GH3	Torque 35 Ncm	05002498
	Dalbo®	Abutment	Nobel Biocare Active® RP 4.3/5.0, GH3	Torque 35 Ncm	05002506
	Dalbo®	Abutment	Nobel Biocare Active® RP 4.3/5.0, GH4	Torque 35 Ncm	05002507
	Dalbo®	Abutment	Nobel Biocare Active® RP 4.3/5.0, GH5	Torque 35 Ncm	05002508
	Dalbo®	Abutment	Nobel Biocare Active® NP 3.5, GH3	Torque 35 Ncm	05002516
	Dalbo®	Abutment	Nobel Biocare Active® NP 3.5, GH4	Torque 35 Ncm	05002517
	Dalbo®	Abutment	Nobel Biocare Active® NP 3.5, GH5	Torque 35 Ncm	05002518
	Dalbo®	Abutment	Nobel Biocare Brånemark® RP 4.0, GH3	Torque 35 Ncm	05002526
	Dalbo®	Abutment	Nobel Biocare Brånemark® RP 4.0, GH4	Torque 35 Ncm	05002527
	Dalbo®	Abutment	Nobel Biocare Brånemark® RP 4.0, GH5	Torque 35 Ncm	05002528

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			Platform	Recommended torque	Cat. No.
Osstem®	Dalbo®	Abutment	Osstem® US Regular 4.1, GH3	Torque 30 Ncm	05002796
	Dalbo®	Abutment	Osstem® US Regular 4.1, GH4	Torque 30 Ncm	05002797
	Dalbo®	Abutment	Osstem® US Regular 4.1, GH5	Torque 30 Ncm	05002798
	Dalbo®	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0, GH3	Torque 30 Ncm	05002906
	Dalbo®	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0, GH4	Torque 30 Ncm	05002907
	Dalbo®	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0, GH5	Torque 30 Ncm	05002908
	Dalbo®	Abutment	Osstem® TS Mini 3.5, GH3	Torque 30 Ncm	05002916
	Dalbo®	Abutment	Osstem® TS Mini 3.5, GH4	Torque 30 Ncm	05002917
	Dalbo®	Abutment	Osstem® TS Mini 3.5, GH5	Torque 30 Ncm	05002918
	Dalbo®	Abutment	Osstem® SS Regular 4.8, GH1	Torque 30 Ncm	05002926
	Dalbo®	Abutment	Osstem® SS Regular 4.8, GH2	Torque 30 Ncm	05002927
	Dalbo®	Abutment	Osstem® SS Regular 4.8, GH3	Torque 30 Ncm	05002928
Camlog®	Dalbo®	Abutment	Camlog® 3.8, GH1	Torque 30 Ncm	05002766
	Dalbo®	Abutment	Camlog® 3.8, GH2	Torque 30 Ncm	05002767
	Dalbo®	Abutment	Camlog® 3.8, GH3	Torque 30 Ncm	05002768
	Dalbo®	Abutment	Camlog® 4.3, GH1	Torque 30 Ncm	05002776
	Dalbo®	Abutment	Camlog® 4.3, GH2	Torque 30 Ncm	05002777
	Dalbo®	Abutment	Camlog® 4.3, GH3	Torque 30 Ncm	05002778
	Dalbo®	Abutment	Conelog® 3.8/4.3, GH3	Torque 30 Ncm	05002786
	Dalbo®	Abutment	Conelog® 3.8/4.3, GH4	Torque 30 Ncm	05002787
	Dalbo®	Abutment	Conelog® 3.8/4.3, GH5	Torque 30 Ncm	05002788
Zimmer	Dalbo®	Abutment	Zimmer Tapered Screw-Vent® 3.5, GH3	Torque 30 Ncm	05002946
	Dalbo®	Abutment	Zimmer Tapered Screw-Vent® 3.5, GH4	Torque 30 Ncm	05002947
	Dalbo®	Abutment	Zimmer Tapered Screw-Vent® 3.5, GH5	Torque 30 Ncm	05002948
	Dalbo®	Abutment	Zimmer Tapered Screw-Vent® 4.5, GH3	Torque 30 Ncm	05002936
	Dalbo®	Abutment	Zimmer Tapered Screw-Vent® 4.5, GH4	Torque 30 Ncm	05002937
	Dalbo®	Abutment	Zimmer Tapered Screw-Vent® 4.5, GH5	Torque 30 Ncm	05002938
MIS® (wide platform)	Dalbo®	Abutment	MiS® Seven 3.5, GH3	Torque 30 Ncm	05002946
	Dalbo®	Abutment	MiS® Seven 3.5, GH4	Torque 30 Ncm	05002947
	Dalbo®	Abutment	MiS® Seven 3.5, GH5	Torque 30 Ncm	05002948
	Dalbo®	Abutment	MiS® Seven 4.5, GH3	Torque 30 Ncm	05002936
	Dalbo®	Abutment	MiS® Seven 4.5, GH4	Torque 30 Ncm	05002937
	Dalbo®	Abutment	MiS® Seven 4.5, GH5	Torque 30 Ncm	05002938
BioHorizons®	Dalbo®	Abutment	BioHorizons® Internal 3.5, GH3	Torque 30 Ncm	05002946
	Dalbo®	Abutment	BioHorizons® Internal 3.5, GH4	Torque 30 Ncm	05002947
	Dalbo®	Abutment	BioHorizons® Internal 3.5, GH5	Torque 30 Ncm	05002948
	Dalbo®	Abutment	BioHorizons® Internal 4.5, GH3	Torque 30 Ncm	05002936
	Dalbo®	Abutment	BioHorizons® Internal 4.5, GH4	Torque 30 Ncm	05002937
	Dalbo®	Abutment	BioHorizons® Internal 4.5, GH5	Torque 30 Ncm	05002938
Sweden+Martina	Dalbo®	Abutment	Sweden+Martina Premium Kohno 3.3, GH3	Torque 30 Ncm	05002956
	Dalbo®	Abutment	Sweden+Martina Premium Kohno 3.3, GH4	Torque 30 Ncm	05002957
	Dalbo®	Abutment	Sweden+Martina Premium Kohno 3.3, GH5	Torque 30 Ncm	05002958
	Dalbo®	Abutment	Sweden+Martina Premium Kohno 3.8, GH3	Torque 30 Ncm	05002966
	Dalbo®	Abutment	Sweden+Martina Premium Kohno 3.8, GH4	Torque 30 Ncm	05002967
	Dalbo®	Abutment	Sweden+Martina Premium Kohno 3.8, GH5	Torque 30 Ncm	05002968
	Dalbo®	Abutment	Sweden+Martina Premium Kohno 4.25, GH3	Torque 30 Ncm	05002976
	Dalbo®	Abutment	Sweden+Martina Premium Kohno 4.25, GH4	Torque 30 Ncm	05002977
	Dalbo®	Abutment	Sweden+Martina Premium Kohno 4.25, GH5	Torque 30 Ncm	05002978
	Dalbo®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0, GH3	Torque 30 Ncm	05002986
	Dalbo®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0, GH4	Torque 30 Ncm	05002987
	Dalbo®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0, GH5	Torque 30 Ncm	05002988

Attachments

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Slide attachments.

A slide attachment is a prosthetic retaining element consisting of a female (outer part) and a male (inner part). The male part is firmly connected to an abutment tooth, the female part is inserted into the removable denture.
If implant prosthetics are out of the question, this type of prosthesis is suitable. The restoration with a slide attachment is successful for smaller and larger gaps between teeth, provided that there are still enough stable teeth available which can be crowned as abutment teeth. As a rule, several abutment teeth are required; this protects the retaining teeth from leverage and pressure forces acting on the dentures when worn.

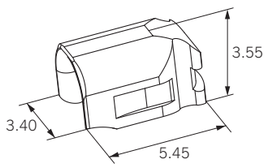
Slide attachment anchored partial dentures – advantages

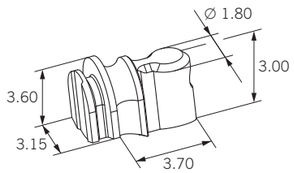
- In contrast to clasps, slide attachments are not visible as retaining elements. The denture is not visible.
- Superior, aesthetic and high-quality dentures.
- Compared to dentures with clasps, slide attachment dentures cannot wobble, slip or become loose when biting and chewing. They remain firmly in position and thus offer a high level of wearing comfort.
- Patients can remove and insert the slide attachment dentures easily and by themselves.

M-SG® Star 1.

Adjustable, extracoronal friction-retained slide attachment.



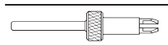
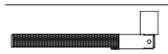
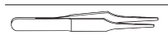




Characteristics

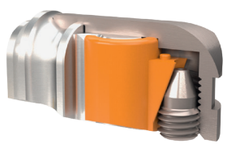
- Guide grooves integrated in the attachment
- Can be activated by replacing plastic inserts
- Significant time savings of up to 40 % (!) by eliminating the fabrication of custom-milled guide grooves
- Compact design with rounded edges:
  - saves time
  - optimises aesthetics
- The extracoronal position enables a preparation which is gentle on tooth substance
- Self-centering due to the design of the integrated bracing unit: the patient can insert the denture with ease

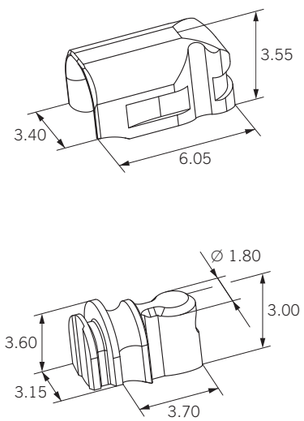
Image	Item	Description	Cat. No.
Complete parts			
	**M-SG® Star 1 TC for casting-on**	Male part cast-on	05000429
	M-SG® Star 1 TK for casting	Male part burn-out	05000432
	M-SG® Star 1 MK for casting	Male part burn-out A friction insert G red (055356) is mounted, and a friction insert yellow (055691) and red (055356), as well as a duplicating aid G (0700 0040) are included.	05000673
Components			
	**Female part T**	For bonding or polymerisation	05000433
	Female part M	For bonding, lasering, soldering or polymerisation A friction insert G red (055356) is mounted, and a friction insert yellow (055691) and red (055356), as well as a duplicating aid G (0700 0040) are included.	05000674
	**Friction inserts G**	Delivery unit: pack of 5 pieces	
	Yellow (smooth friction)	approx. 300 g	055691
	Red (normal friction)	approx. 600 g	055356
	Green (strong friction)	approx. 900 g	055357
	Blue (extra-strong friction)	> 1200g	055358
	**Male part C for casting-on**		05000407
	Male part K	Burn-out plastic	05000410
Auxiliary parts			
	**Duplicating aid G**	For fabricating the bonding box in the metal housing. The duplicating aid must not be used in place of the female part as a temporary replacement, nor for taking impressions / placeholder technique in the mouth.	07000040
	**Transfer jig**	Manipulation male part for fabricating the master model	07000042

Image	Item	Description	Cat. No.
Auxiliary instruments			
	**Special parallelometer insert**	Used to place the male part	072627
	**Insert remover**	For removing the friction insert	07000056
	**Tweezers**	For inserting and removing the friction insert	070347

M-SG® Star 2.

Screw-activated, extracoronal friction-retained slide attachment.





Characteristics

- Guide grooves integrated in the attachment
- Screw-activated plastic inserts
- Significant time savings of up to 40 % (!) by eliminating the fabrication of a custom-milled bracing arm
- Compact design with rounded edges:
  - saves time
  - optimises aesthetics
- The extracoronal position enables a preparation which is gentle on tooth substance
- Self-centering due to the design of the integrated bracing unit: the patient can insert the denture with ease

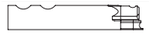
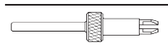
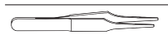
Image	Item	Description	Cat. No.
Complete parts			
	**M-SG® Star 2 TC for casting-on** **M-SG® Star 2 TK casting**	Male part cast-on Male part burn-out	05000411 05000413
		A friction insert orange (055774) is mounted, and a friction insert orange (055774) and a friction insert violet (055811) are enclosed, as well as a duplicating aid G (0700 0041).	
Components			
	**Female part T**	Female part for bonding or polymerisation A friction insert orange (055774) is mounted, and a friction insert orange (055774) and a friction insert violet (055811) are enclosed, as well as a duplicating aid G (0700 0041).	05000414
	**Friction insert G** Orange (normal friction) Violet (strong friction)	Delivery unit: pack of 5 pieces Friction tolerance: 100 – approx. 600 g Friction tolerance: 500 – approx. 1000 g	 055774 055811
	Activating screw T	For fine adjustment of friction	055775
	**Male part C for casting-on** **Male part K**	 Burn-out plastic	05000407 05000410
Auxiliary parts			
	**Duplicating aid G**	For fabricating the bonding box in the metal housing. The duplicating aid must not be used in place of the female part as a temporary replacement, nor for taking impressions / placeholder technique in the mouth.	07000041
	**Transfer jig**	Manipulation male part for fabricating the master model	07000042

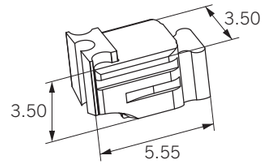
Image	Item	Description	Cat. No.
Auxiliary instruments			
	**Special parallelometer insert**	Used to place the male part	072627
	**Screwdriver/activator**	Multifunctional. Is used to screw in and unscrew as well as to activate and deactivate	072653
	**Tweezers**	For inserting and removing the friction insert	070347

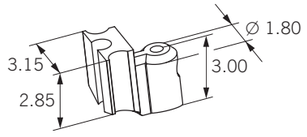
Mini-SG® F/R.

Extracoronal, friction-grip/retention-grip slide attachment, activatable.









Characteristics

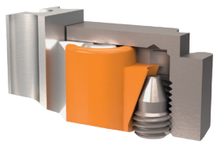
- Friction-grip/retention-grip solution possible
- Can easily be adapted to changing oral conditions (conversion with a system male part)
- Guide grooves integrated in the attachment
- Time savings by eliminating circular milling
- Easy and safe to activate
- Gently snapping of the denture into the retentive connection gives the patient a secure feeling
- The extracoronal position enables a preparation which is gentle on tooth substance

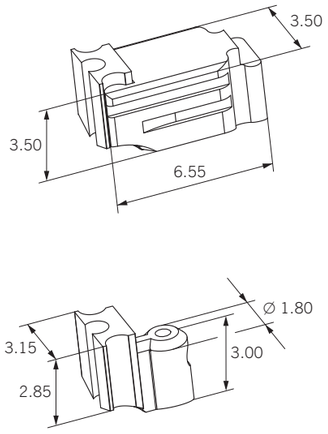
Image	Item	Description	Cat. No.
Complete parts			
	Mini-SG® F/R TV*	Male part cast-on	055534
	Mini-SG® F/R TC*	Male part cast-on	055543
	Mini-SG® F/R TK*	Male part burn-out	055532
	Mini-SG® F/R CC	Male part and female part cast-on	055675
	Mini-SG® F/R CK	Male part burn-out, female part cast-on	055699
		Mounted with friction insert red (055356). In addition, a friction insert yellow (055691) and red (055356) as well as a retention insert orange (055718) and violet (055766) are included.	
Components			
	Female part T*	For bonding or polymerisation.	055531
	Female part C	For soldering or cast-on	055677
		Mounted with friction insert red (055356). In addition, a friction insert yellow (055691) and red (055356) as well as a retention insert orange (055718) and violet (055766) are included.	
	Tuning female part E	Further friction levels can be achieved with the Mini-SG® Tuning female part, which has a reduced inner diameter, by using the existing friction inserts.	055925
		Mounted with friction insert yellow (055691), the friction inserts red (055356), green (055357) and blue (055358) are included.	
	Friction inserts G	Delivery unit: pack of 5 pieces	
	Yellow (smooth friction)	approx. 300 g	055691
	Red (normal friction)	approx. 600 g	055356
	Green (strong friction)	approx. 900 g	055357
	Blue (extra-strong friction)	> 1200g	055358
	Retention inserts G	Delivery unit: pack of 5 pieces	
	Orange (normal retention)	500–800g	055718
	Violet (strong retention)	> 800g	055766
	Male part V	Cast-on	055517
	Male part C	Cast-on	055544
	Male part K	Burn-out plastic	055529

Image	Item	Description	Cat. No.
Auxiliary parts			
	Duplicating aid G*	Is included automatically with the complete parts version TV, TC, TK and female part T. The duplicating aid must not be used in place of the female part as a temporary replacement, nor for taking impressions / placeholder technique in the mouth.	072600
	Transfer jig	For fabricating the master model	072616
Auxiliary instruments			
	Special parallelometer insert	Used to place the male part	072627
	Insert remover	For removing the friction insert	072483
	Tweezers	For inserting and removing the friction insert	070347

Mini-SG® PLUS.

Extracoronal, screw-activated slide attachment.





Characteristics

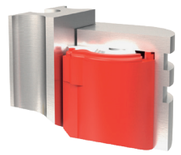
- Guide grooves integrated in the attachment
- Significant time and cost savings in processing of up to 40 % (!) due to integrated guide grooves
- Low-maintenance functional principle – gentle, low-abrasion friction in the plastic
- Patients consider friction in plastic extremely pleasant
- The denture retention force can be adjusted easily and progressively as required

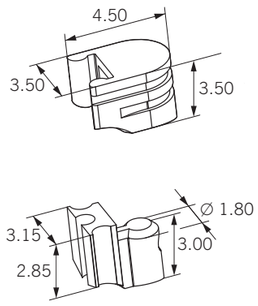
Image	Item	Description	Cat. No.
Complete parts			
	Mini-SG® PLUS TV	Male part cast-on	055802
	Mini-SG® PLUS TK	Male part burn-out	055804
		Includes housing T, an activation screw T (055775), one friction insert G each orange (055774) and violet (055811), incl. duplicating aid G (072 649).	
Components			
	Female part T	Includes housing T, an activation screw T (055775), one friction insert G each orange (055774) and violet (055811), incl. duplicating aid G (072 649).	055807
	Friction insert G	Delivery unit: pack of 5 pieces	
	Orange (normal friction)	Friction tolerance: 100 – approx. 600 g	055774
	Violet (strong friction)	Friction tolerance: 500 – approx. 1000 g	055811
	Activating screw T	For fine adjustment of friction	055775
	Male part V	Cast-on	055517
	Male part K	Burn-out plastic	055529
Auxiliary parts			
	Duplicating aid G	Is supplied automatically when ordering the complete version and the female part. The duplicating aid must not be used in place of the female part as a temporary replacement, nor for taking impressions / placeholder technique in the mouth.	072649
	Transfer jig	For fabricating the master model	072616

Image	Item	Description	Cat. No.
Auxiliary instruments			
	Special parallelometer insert	Used to place the male part	072627
	Screwdriver/activator	Multifunctional. Is used to screw in and unscrew as well as to activate and deactivate	072653
	Tweezers	For inserting and removing the friction insert	070347

Mini-SG®.

Extracoronal, adjustable friction-grip attachment.





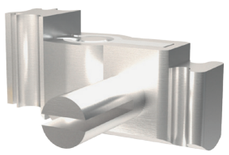
Characteristics
- Guide grooves integrated in the attachment
- Easily adjustable thanks to the exchange of four different friction inserts

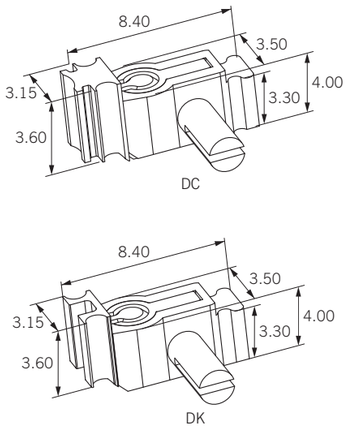
Image	Item	Description	Cat. No.
Complete parts			
	Mini-SG® DK	Male part burn-out, female part can be bonded	055364
	Mini-SG® XC	Male part cast-on, female part can be soldered, bonded	055919
	Mini-SG® XK	Male part burn-out, female part can be soldered, bonded	055487
		Mounted with friction insert red (055356), the friction insert green (055357) is included **Delivery unit version XC:** pack of 2 pieces	
Components			
	Female part D	For polymerisation	055371
	Female part X	For soldering and polymerisation Mounted with friction insert red (055356), the friction insert green (055357) is included	055489
	Tuning female part E	Further friction levels can be achieved with the Mini-SG® Tuning female part, which has a reduced inner diameter, by using the existing friction inserts. Mounted with friction insert yellow (055691), the friction inserts red (055356), green (055357) and blue (055358) are included	055925
	Friction inserts G	Delivery unit: pack of 5 pieces	
	Yellow (smooth friction)	approx. 300 g	055691
	Red (normal friction)	approx. 600 g	055356
	Green (strong friction)	approx. 900 g	055357
	Blue (extra strong friction)	> 1200g	055358
	Male part C	Cast-on	055544
	Male part K	Burn-out plastic	055529
Auxiliary parts			
	Transfer jig	Manipulation male part for fabricating the master model	072616

Image	Item	Description	Cat. No.
Auxiliary instruments			
	Special parallelometer insert	Used to place the male part	072627
	Insert remover	For removing the friction insert	072483
	Tweezers	For insertion of the friction insert	070347

SG Slide attachment.

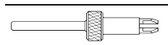
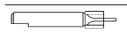
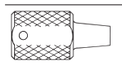
Extracoronal, adjustable friction-grip attachment.





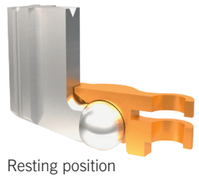
Characteristics
- With primary integrated guide grooves
- Screw-activated friction insert
- Time savings by eliminating primary circular milling
- No special and traumatising preparation of the abutment tooth required
- Stable male part design

Image	Item	Description	Cat. No.
Complete parts			
	**SG DC**	Male part cast-on	052157
	SG DK	Male part burn-out A friction insert G white is mounted, the duplicating aid G is included.	052158
Components			
	**Female part D**	For bonding or polymerisation A friction insert G white is mounted, the duplicating aid G is included.	052159
	**Friction insert G** White (normal friction) Violet (strong friction)	Delivery unit: pack of 5 pieces	 052163 05000057
	**Activating screw O**	For intraoral use	052161
	**Mounting screw X**	Facilitates the polymerisation of Polymers. Is supplied automatically when ordering the complete parts!	052164
	**Male part C** **Male part K**	Cast-on Burn-out plastic	052160 052162
Auxiliary parts			
	**Duplicating aid G**	The duplicating aid must not be used in place of the female part as a temporary replacement, nor for taking impressions / placeholder technique in the mouth.	072502
	**Transfer jig**	Manipulation male part for fabricating the master model	070566

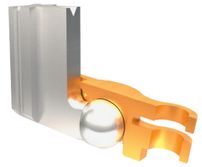
Image	Item	Description	Cat. No.
Auxiliary instruments			
	**Special parallelometer insert**	Used to place the male part	072627
	**Screwdriver insert**	For activating and deactivating the screw	070293
	**Thomas spanner key**	For screwdriver	070221
	**Attachment tweezers**	Simplifies separation and mounting of the attachment	070222

Mini-Dalbo®.

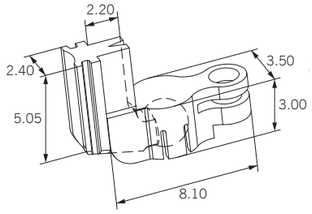
Extracoronal hinge attachment, adjustable.



Resting position



Hinge movement

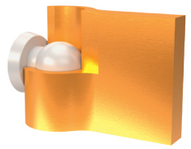


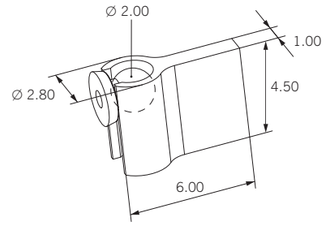
Characteristics
- Hinge free-end prothesis
- Retentive snap-in
- Lamellae of the female part can be activated

Image	Item	Description	Cat. No.
Complete parts			
	**Mini-Dalbo® EC**	Version EC is the top variant. The male part can be connected to the anchor tooth by time-saving cast-on or soldering.	050701
	**Mini-Dalbo® DK**	Version DK is the low-cost version. Due to the castable male part being made of Korak, the crown alloy can be chosen freely.	051659
Components			
	**Female part E**	For polymerisation in denture framework (do not solder). Adjustable	050697
	Female part D	For polymerisation in denture framework (do not solder). Adjustable	051662
	**Male part C**	For soldering or cast-on with all precious metal alloys	050960
	Male part K	Burn-out plastic	051617
Auxiliary parts			
	**Transfer jig**	For fabricating the master model	070176
Auxiliary instruments			
	**Parallelometer insert**	Used to place the male part	070146
	**Attachement tweezers**	Simplifies separation and mounting of the attachment	070222

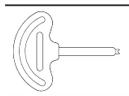
Tecnoroach.

Extracoronal hinge attachment, adjustable.





Characteristics
- Hinge free-end prothesis
- Little space required, as the female part can be shortened individually by 1/3
- Fricativ
- Lamellae of the female part can be activated

Image	Item	Description	Cat. No.
Complete parts			
	**Tecnoroach EK**		055411
Components			
	**Female part E**	For polymerisation into the denture plastic or framework, bonding or soldering	055410
	**Male part K**	Burn-out plastic	055409
Auxiliary instruments			
	**Parallelometer insert**	Used to place the male part	072507
	**Activator**	For female part	072505

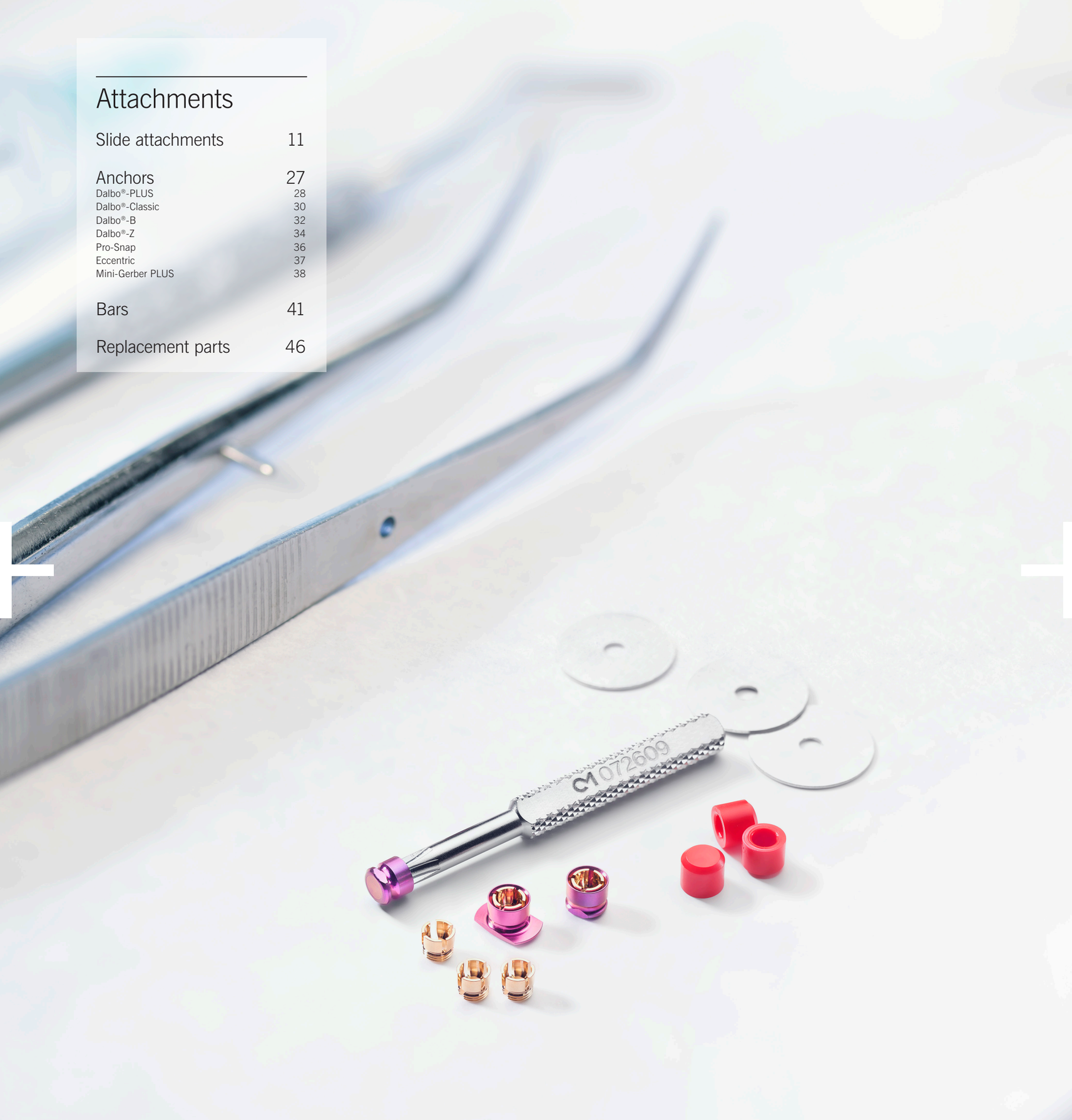
Attachments

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Eccentric 37
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Anchors.

An anchor is a prosthetic retaining element consisting of a female (outer) part and a male (inner) part. The male part is soldered onto an individually fabricated root canal cap. The female part is bonded or directly polymerised into the removable denture. The root canal cap itself consists of a cast metal cap with a root canal post. As a high-quality solution, the prefabricated root canal post is integrated into the metal cap by cast-on. A more economical alternative is to cast a burn-out root canal post directly with the metal cap.

There are fricative and retentive anchor concepts. Fricatively functioning restorations can be inserted and removed smoothly and without damaging the anchor teeth. Retentive restorations snap into place audibly and give the patient a secure feeling of a correctly fitting, removable denture.

Dentures restored with root canal post anchors – advantages

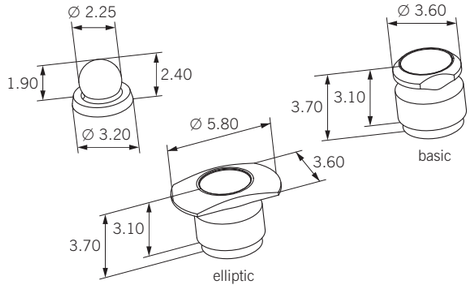
- Preservation of own, devitalised teeth over many years.
- Aesthetically high-quality anchoring alternative, if replacing the tooth with an implant is not an option.
- The root canal cap reliably covers the prepared tooth root and protects the tooth root against caries.
- The delicate anchors can be integrated invisibly and also into an existing denture.

Dalbo®-PLUS.

Supraradicular, retentive, resilient anchor, adjustable.

Basic

Elliptic





Standard | Tuning soft | Tuning | Tuning forte | Tuning extra-forte

Characteristics

- Safe and permanent activation is achieved by screwing a lamella retention insert into the housing.
- Retention is adjustable from «soft» to «strong»
- Ideal for implant work
- The female part exists in two versions at identical height: The version elliptic features a reinforced elliptic retention cap, ensuring secure hold also at highest stress-loads
- Abutment divergences can be compensated: on root canal caps, depending on activation from 8° – 16°. On implants, depending on the system, up to 40°
- Simple, infinitely variable adjustment of the denture's hold, can be executed individually for each patient during treatment
- High degree of flexibility: three differently dimensioned lamella retention inserts increase the frictional tolerance and can be replaced easily and without time-consuming re-polymerisation of the female part

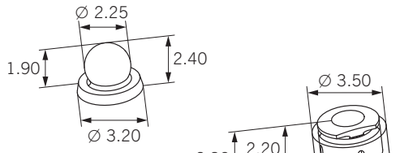
Image	Item	Description	Cat. No.
Complete parts			
	Dalbo®-PLUS TEV basic		055750
	Dalbo®-PLUS TEV elliptic		055889
Components			
Standard basal: no groove	**Female part TE basic**	For bonding or polymerisation into the denture body. Adjustable. Delivery includes duplication aid.	055752
	Female part TE elliptic	For direct integration into the denture in the patient's mouth. Adjustable.	055890
	Lamellae retention insert E	For screwing into the housing	055643
Tuning soft basal: 1 groove	**Tuning female part soft TE basic**	For bonding or polymerisation into the denture body. Adjustable. Delivery includes duplication aid.	05000214
	Tuning female part soft TE elliptic	For direct integration into the denture in the patient's mouth. Adjustable.	05000215
	Tuning lamellae retention insert soft E	For screwing into the housing	05000068
Tuning basal: 2 grooves	**Tuning female part TE basic**	For bonding or polymerisation into the denture body. Adjustable. Delivery includes duplication aid.	055771
	Tuning female part TE elliptic	For direct integration into the denture in the patient's mouth. Adjustable.	055891
	Tuning lamellae retention insert E	For screwing into the housing	055687
Tuning basal: 3 grooves	**Tuning lamellae retention insert forte E**	For screwing into the housing	05000081
Tuning basal: 4 grooves	**Tuning lamellae retention insert extra-forte E**	For screwing into the housing	05000083

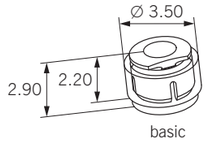
Image	Item	Description	Cat. No.
	Spacer disc tin	Ensures vertical resilience upon request. Delivery unit: pack of 5 pieces	050394
	Male part V	Can be connected to the cap by direct cast-on or soldering.	055647
	Lasering male part E	Special male part with raised and enlarged root canal cap support for the laser welding technique	055921
Auxiliary parts			
	Female part housing T basic	Without lamellae retention insert	055760
	Female part housing T elliptic	Without lamellae retention insert	055886
	Duplicating aid G	Duplicating aid (does not apply to the elliptic version). The duplicating aid must not be used in place of the female part as a temporary replacement, nor for taking impressions / placeholder technique in the mouth.	072626
	Transfer jig	For fabricating the master model	070157
Auxiliary instruments			
	Special parallelometer insert	Used to place the male part	072637
	Screwdriver/Activator	Is used to screw in and activate the lamellae retention insert	072609
	Heating rod	For extracting housings from the plastic	072639
	Male part gauge	Allows checking the set retention force in the denture outside the mouth.	07000027
	Female part gauge	Does not include lamellae retention inserts For testing the retentive force in the patient's mouth and choosing the appropriate lamellae retention insert. We recommend securing instruments with a cord to prevent aspiration.	07000024
	Attachement tweezers		070222

Dalbo®-Classic.

Supraradicular, retentive and resilient anchor, adjustable.

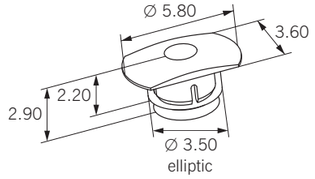






basic





elliptic

Characteristics

- The original:
  Represents the press stud par excellence
- The ball principle allows degrees of tolerance when placing the male part
- Can be positioned on the root canal cap without a parallelometer, as divergences of approx. 10° are easy to compensate
- The female part of the elliptic version has a reinforced plastic retention. This ensures that it stays in place in the denture body even under extreme stress.
- Smallest dimensions allow integration even when space is limited
- Decades of practice, proven a hundred thousand times
- Adjustment can be performed individually for each patient during treatment
- Perfectly matched lamellae geometry facilitates activation and optimises fatigue resistance

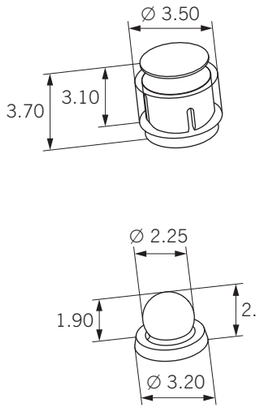
Image	Item	Description	Cat. No.
Complete parts			
	Dalbo®-Classic EV basic		055689
	Dalbo®-Classic EK basic		055701
	Dalbo®-Classic EV elliptic		055892
	Dalbo®-Classic EK elliptic		055893
Components			
	Female part E basic	For polymerisation into the denture body. Adjustable. Delivery includes elastomer ring (055688) and spacer disc (050394).	055698
	Female part E elliptic	For polymerisation into the denture body. Adjustable. Delivery includes elastomer ring (055688) and spacer disc (050394).	055887
	Elastomeric ring	Delivery unit: pack of 5 pieces	055688
	Spacer disc tin	Tin, ensures vertical resilience. For laboratory use only. Delivery unit: pack of 5 pieces	050394
	Male part V	Can be connected to the cap by direct cast-on or soldering. Burn-out plastic	055647
	Male part K		055330
	Laser male part E	Special male part with raised and enlarged root canal cap support for the laser welding technique	055921

Image	Item	Description	Cat. No.
Auxiliary parts			
	Spacer G	Spacers replace the anchor female parts during plastic polymerisation in the laboratory.	072625
	Transfer jig	For fabricating the master model	070157
Auxiliary instruments			
	Instrument for mounting of elastomeric ring		070205
	Special parallelometer insert	Used to place the male part	072637
	Activator		070197
	Deactivator		070199
	Attachement tweezers	Simplifies separation and mounting of the anchor	070222

Dalbo®-B.

Supraradicular, retentive and resilient anchor, adjustable.





Characteristics
- First ball anchor, proven a hundred thousand times
- Simple application
- Can be used rigid or resilient

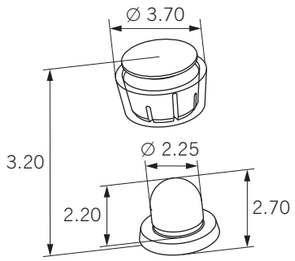
Image	Item	Description	Cat. No.
Complete parts			
	Dalbo®-B EE		050427
	Dalbo®-B EK		055331
Components			
	Female part E	For polymerisation into the denture body. Adjustable. Delivery includes elastomer ring (051 005) and spacer disc (050394).	051511
	Elastomeric ring	Delivery unit: pack of 5 pieces	051005
		Tin, ensures vertical resilience. For laboratory use only. Delivery unit: pack of 5 pieces	050394
	Male part E	For soldering onto cast root canal caps Burn-out plastic	050423
	Male part K		055330
	Laser male part E	Special male part with raised and enlarged root canal cap support for the laser welding technique	055921
Auxiliary parts			
	Spacer G	Spacers replace the anchor female parts during plastic polymerisation in the laboratory.	070440
	Transfer jig	For fabricating the master model	070157

Image	Item	Description	Cat. No.
Auxiliary instruments			
	Parallelometer insert	Used to place the male part	070131
	Instrument for mounting of elastomeric ring		070205
	Activator		070197
	Deactivator		070199
	Attachement tweezers	Simplifies separation and mounting of the anchor	070222

Dalbo®-Z.

Supraradicular, cylindrical friction-grip anchor, adjustable.





Characteristics
– Can be used fricative, rigid or with vertical resilience

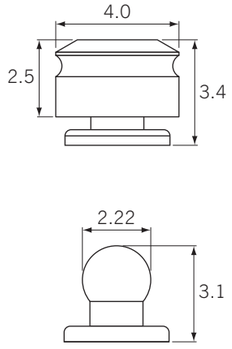
Image	Item	Description	Cat. No.
Complete parts			
	Dalbo®-Z OE		050398
Components			
	Female part O	For polymerisation into the denture plastic. Can be activated, elastomeric ring (050273) and spacer disc (050394) are included	051507
	Elastomeric ring	Delivery unit: pack of 5 pieces	050273
	Spacer disc Z tin	Ensures vertical resilience. Delivery unit: pack of 5 pieces	050394
	Male part E	For soldering onto cast root canal caps	050272
Auxiliary parts			
	Spacer G	Spacers replace the anchor female parts during plastic polymerisation in the laboratory.	070439
	Transfer jig	For fabricating the master model	070157

Image	Item	Description	Cat. No.
Auxiliary instruments			
	Parallelometer insert	Used to place the male part	070131
	Instrument for mounting of elastomeric ring		070205
	Activator		070197
	Deactivator		070199
	Attachement tweezers	Simplifies separation and mounting of the anchor	070222

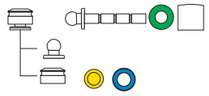
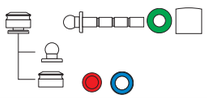
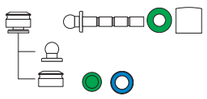
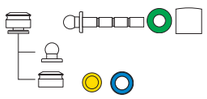
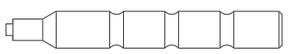
Pro-Snap.

Supraradicular, resilient and retentive anchor, adjustable.





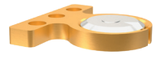
Characteristics
- The retention force is easily adjusted by exchanging the retention inserts.
- 3 force levels: yellow soft, red middle and green strong

Image	Item	Description	Cat. No.
Parts			
	**Pro-Snap TC yellow** **Male part C** **Housing T yellow**	Complete For soldering onto cast root canal caps For polymerisation into the denture body	05050033 05050037 05050060
	**Pro-Snap TC red** **Male part C** **Housing T red**	Complete For soldering onto cast root canal caps For polymerisation into the denture body	05050034 05050037 05050061
	**Pro-Snap TC green** **Male part C** **Housing T green**	Complete For soldering onto cast root canal caps For polymerisation into the denture body	05050035 05050037 05050062
	**Pro-Snap TK yellow** **Male part K** **Housing T yellow**	Complete Burn-out plastic For polymerisation into the denture body	05050036 05050038 05050060
	**Parallelometer insert**	Used to place the male part	070131
	**Protection cap**		07050004
	**Transfer jig**	For fabricating the master model	07050005
	**Stabilisation ring** **Retention insert G yellow** **Retention insert G red** **Retention insert G green**	Polymerisation accesory Retention force soft Retention force middle Retention force strong	07050006* 05050042** 05050043** 05050044**
	**Fixation instrument**	For pressing the retention insert with stabilising ring into the housing	07050008

* Delivery unit: pack of 3 pieces
** Delivery unit: pack of 6 pieces

Eccentric.

Supraradicular, cylindrical, retentive rigid or resilient anchor, adjustable.



Eccentric complete



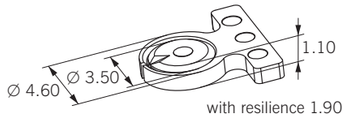
Male part



Female part



Male part with resilience



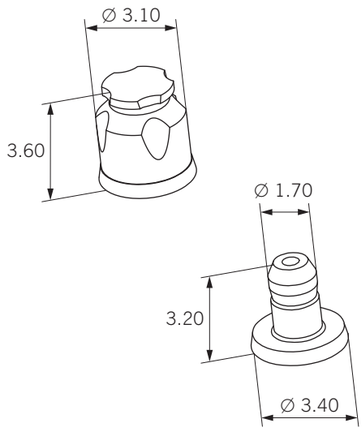
Characteristics
- At 1.1 mm, the anchor with the lowest insertion height.
- Solder integrated in male part.
- The two spring arms of the female part audibly snap into place and ensure a secure hold of the denture.

Image	Item	Description	Cat. No.
Complete parts			
	**Eccentric ELO**		050345
	**Eccentric ELO (with resilience)**		050397
Components			
	**Female part EL**	For polymerisation into the denture plastic	050306
	**Male part O with integrated solder (S.G.750)**	For soldering onto the flat surface of the cast root canal cap without adding solder	051002
	**Male part O (with resilience) with integrated solder (S.G. 750)**	With resilience for soldering onto the flat surface of the cast root canal cap without adding solder	051003
	Spacer disc occlusal	Tin, ensures vertical resilience, integration of the male part during polymerisation of the plastic. Is supplied automatically when ordering 050397 and 050306. Delivery unit: pack of 5 pieces	050393
	**Spacer disc gingival**	Tin, ensures vertical resilience, integration of the female part and male part during polymerisation of the plastic. Is supplied automatically when ordering 050397 and 050306. Delivery unit: pack of 5 pieces	050392
Auxiliary parts			
	**Transfer jig**	For fabricating the master model	070161
	**Transfer jig (male part with resilience)**		070167

Mini-Gerber PLUS.

Supraradicular retention- and friction-grip anchor, adjustable.





Characteristics

- Cylindrical anchor, which can be used either fricatively or retentively
- You determine the retention force: by simply screwing in the threaded ring with hexagon socket the retention force is increased progressively
- Ideal dimensions due to innovative design allow integration where space is limited
- Simple, stepless activation from fricative to retentive
- Settings can be made individually for each patient, simply and directly chairside

Image	Item	Description	Cat. No.
Complete parts			
	Mini-Gerber PLUS TV		055646
Components			
	Female part T	Includes one threaded ring T (055507), one mounted and two additional retention inserts G (055508) For bonding or polymerisation into the denture plastic	055686
	Retention insert G	Delivery unit: pack of 5 pieces	055508
	Threaded ring T	Thread: M 2.6x0.25	055507
	Male part V	Cast-on or soldering. Not suitable for laser welding!	055506
	Ring G	Delivery unit: pack of 3 pieces The thread in ring G is only created when screwing into the housing to increase the retention force. This application is indicated where the threaded ring T could possibly become loose due to the low setting of the denture's retention force.	055759
Auxiliary parts			
	Duplication aid G	Is delivered automatically with the order! The duplicating aid must not be used in place of the female part as a temporary replacement, nor for taking impressions / placeholder technique in the mouth.	072466
	Transfer jig	For fabricating the master model	072461

Image	Item	Description	Cat. No.
Auxiliary instruments			
	Parallelometer insert	Used to place the male part	072460
	Special socket key	For tightening the threaded ring, activation and deactivation of the retention insert	072597
	Heating rod	For extracting housings from the plastic	072605
	Attachment tweezers		070222

Attachments

Slide attachments 11

Anchors 27

Bars 41
Dolder® System 42
Round bar with rider 44
Ackermann-Bar 45

Replacement parts 46



Bars.

A bar is a prosthetic retaining element consisting of a female (outer) part and a male (inner) part. The male part is fixated on at least two anchor elements, tooth and/or implant. The female part is polymerised into the removable denture. One can distinguish between round, oval and parallel-walled bar male parts according to their cross-sectional shape. Round, and to a lesser extent oval bars, allow their bar riders to rotate around the bar axis so that good stability is ensured and the masticatory pressure is transferred to the alveolar ridge by the rotation, thus reducing the load on the anchor elements. Parallel-walled bars, on the other hand, do not allow rotation and are selected if at least three anchor elements are available or if purely tooth/implant-supported borne superstructures are desired.

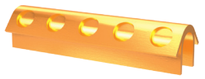
Dentures restored with a bar – advantages

- Primary splinting stabilises loose teeth and increases the service life.
- Primary splinting of implants increases stability and enables immediate restoration with a denture.
- Vertical forces are distributed more evenly over the teeth and the implants, which protects the anchor elements and increases the service life.
- Primary splinting increases the position and stability of the denture.

Dolder® System.
Adjustable bar attachment and resilient bar.

Female parts

Elitor® (E)

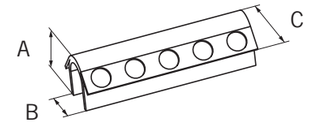


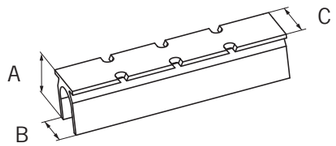
Doral (D)



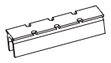
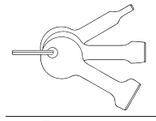
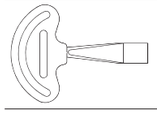
Pure titanium (T)







Characteristics
- The original according to Prof. Dr. E. Dolder
- Evidence based on decades of clinical experience
- Acts as reference for bar prosthetics on implants
- Extremely stable and safe splinting effect
- With the option of sizes micro and macro
- Bar-retained dentures allow safe immediate loading of implants.
- Splinting and stabilising effect of weakened anchor teeth

Image	Item			Material	Design	L = overall length mm	A = height mm	B = width mm	C = width of retention mm	Cat. No.
Components										
	**Female part**		E	macro L25	25.00	3.30	2.80	4.60	054747
			E	micro L25	25.00	2.75	2.10	3.60	054746
			E	macro L50	50.00	3.30	2.80	4.60	052046
			E	micro L50	50.00	2.75	2.10	3.60	052043
			D	macro L50	50.00	3.30	2.80	4.60	05001125
			D	micro L50	50.00	2.75	2.10	3.60	05001201
	**Female part**		T	macro L47.5	47.50	3.60	2.90	3.60	05000681
			T	micro L47.5	47.50	2.80	2.20	2.80	05000680
		For polymerisation into the denture plastic or framework (do not solder). Adjustable							
Auxiliary parts									
	**Spacer macro**	50x1.05 mm							052081
	Spacer micro	50x0.75 mm							052080
		Brass, ensures vertical resilience. Integration between female part and bar during polymerisation of the plastic. Is supplied automatically when ordering the bars!							
Auxiliary instruments									
	**Activator set**								070198
	**Deactivator macro**								070201
	Deactivator micro								070200

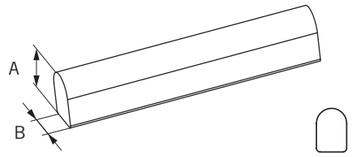
Male parts (Bar attachment)

Elitor® (E)



Korak (K)





Male parts (Resilient bar)

Elitor® (E)



Korak (K)



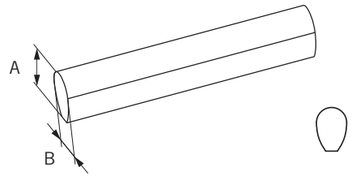
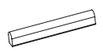
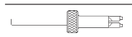
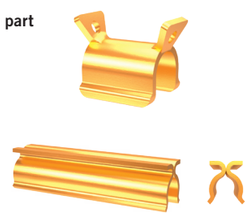


Image	Item			Material	Design	L = overall length mm	A = height mm	B = width mm	Cat. No.
Components									
	**Male part (Bar attachment)**		E	macro L50	50.00	3.00	2.20	052053
			E	micro L50	50.00	2.30	1.60	05000289
			K	macro L75	75.00	3.00	2.20	05000559
			K	micro L75	75.00	2.30	1.60	05000266
	**Male part (Resilient bar)**		E	macro L50	50.00	3.00	2.20	052061
			E	micro L50	50.00	2.30	1.60	052057
			K	macro L75	75.00	3.00	2.20	05000563
			K	micro L75	75.00	2.30	1.60	05000561
		For soldering and lasering on cast root canal post caps or soldering between crowns, bridges, implants or screw-retained construction elements Prefabricated part K (burn-out). Delivery unit: pack of 2 pieces							
Auxiliary parts									
	**Transfer jig macro L50**								070173
	Transfer jig micro L50								070171
Auxiliary instruments									
	**Parallelometer insert macro (Bar attachment)**								070144
	**Parallelometer insert micro (Bar attachment)**								070143
	**Parallelometer insert macro (Resilient bar)**								072517
	Parallelometer insert micro (Resilient bar)								072515

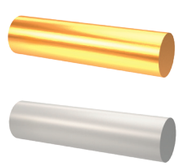
Round bar with rider.

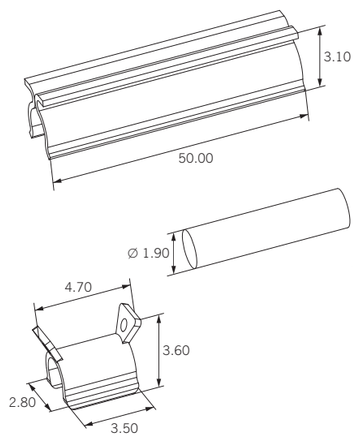
Retention-grip, round bar, adjustable.

Female part

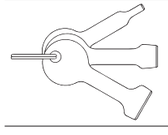


Male part



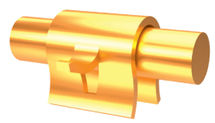


Characteristics
- Individually adaptable to the oral situation
- Simple and well proven system
- Space-saving, as bar length and position can be easily and safely adapted to any oral situation
- Various bar lengths available
- Riders available in two variants
  Female part E, length 3.5 mm
  - Female part E L50, length 50 mm for individual trimming to length
- Inexpensive male part made of burn-out plastic
- Splinting and stabilising effect of weakened anchor teeth

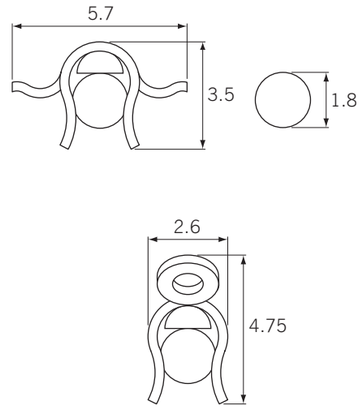
Image	Item	Description	Cat. No.
Components			
	**Female part E**	Adjustable rider Delivery unit: pack of 5 pieces	050527 055801
	**Female part E L50**	Adjustable rider, can be trimmed to individual lengths.	05000679
	**Spacer (Tin)** **Spacer (Tin)**	50 x 0.60 mm 200 x 0.60 mm Ensures vertical translation of the denture. Integration between female part and bar during polymerisation of the plastic. Is supplied automatically when ordering the bars.	052082 052085
	**Male part P3 L50** **Male part P3 L200**	Length: 50 mm Length: 200 mm Round bar for soldering or brazing	052030 052028
	**Male part K L75**	Length: 75 mm Burn-out plastic Delivery unit: pack of 2 pieces	055881
Auxiliary parts			
	**Transfer jig**	For fabricating the master model	072293
Auxiliary instruments			
	**Activator set**		070198

Ackermann-Bar.

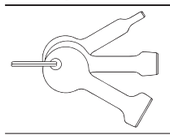
Retention-grip, round bar, adjustable.







Characteristics
- Round bar profile individually adaptable to the oral situation
- 2 bar rider concepts for space-saving integration
- Bar diameter 1.8 mm

Image	Item	Description	Cat. No.
Components			
	**Ackermann-Bar A female part E**	Adjustable bar rider	05050010
	**Ackermann-Bar B female part E**	Adjustable bar rider	05050011
	**Spacer micro**	Brass. Ensures vertical translation of the denture. Integration between rider and bar during polymerisation of the plastic. Is supplied automatically when ordering the riders.	052080
	**Male part P3 L60**	Length: 60 mm Round bar for soldering or brazing	05050014
Auxiliary instruments			
	**Activator set**		070198

Attachments.
Replacement parts.

Image	Item	Description	Cat. No.
Slide attachment			
	Beyeler		
	Male part C	For casting-on or soldering to the secondary part, adjustable	050123
	Biloc		
	Male part C	For casting-on or soldering to the secondary part, adjustable	051366
	CM-Box		
	Male part D	For bonding to the secondary part	054753
	Activating screw O		055317
	Conex-System: Mini-Conex friction-grip		
	Female part C friction-grip	For polymerisation into the denture plastic	051505
	Friction-grip cone O		051016
	Conex-System: Mini-Conex retention-grip		
	Retention-grip cone O		051018
	Conex-System: Conex friction-grip		
	Female part C friction-grip	For polymerisation into the denture plastic	051169
	Friction-grip cone O		050212
	Conex-System: Conex retention-grip		
	Female part C retention-grip	For polymerisation into the denture plastic	051170
	Retention-grip cone O		050214
	Conex-System: Conex screw-retained		
	Female part C	For casting-on or soldering to the secondary part, adjustable	050253
	Cone O	with anti-rotation mechanism	050254
	Occlusal screw O		050255
	Dalbo®-S		
	Female part D	Spiral spring X is mounted for polymerisation in denture framework	051660
	Spiral spring X	Repulsion spring Delivery unit: pack of 5 pieces	051143

Image	Item	Description	Cat. No.
	McCollum		
	Male part L C	(left version) For casting-on or soldering to the secondary part, adjustable	050160
	Male part R C	(right version) For casting-on or soldering to the secondary part, adjustable	051408
	Mini-SG® Hinge		
	Female part D	For bonding into a secondary part	055847
	Hinge insert G Orange (normal friction)	Delivery unit: pack of 5 pieces	055799
	Hinge insert G Violet (strong friction)	Delivery unit: pack of 5 pieces	055800
	Mini-SG® V (screw-retained)		
	Locking screw T		055519
	Mini-SG® Latch		
	Latch pin T		055837
	Extended latch pin T	Extension by 3 mm, can be shortened individually	055872
	Latch spring S		055832
	Plastic-Roach		
	Female part D	For bonding into a secondary part	051997
	Friction insert G white	Delivery unit: pack of 5 pieces	051999
	Pt-Snap		
	Male part C	For bonding into a secondary part	051863
	Roach Ball Joint		
	Female part C	For polymerisation into the denture plastic	050627
	Cylindrical slide attachment		
	Male part C	For casting-on or soldering to the secondary part, adjustable	050117

Attachments.
Replacement parts.

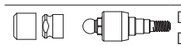
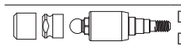
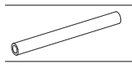
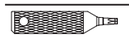
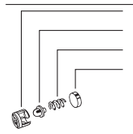
Image	Item	Description	Cat. No.
Anchors			
	Baer cylindrical anchor		
	Female part E	For polymerisation into the denture plastic	051508
	Elastomeric ring	Delivery unit: pack of 5 pieces	050287
	CM LOC®		
	Male part C, casting-on/soldering technique		05001605
	Male part E Laser welding technique		05001606
	CAD/CAM Retention Element, Retention Element for Bar	Material: S Thread M2. Hole 1.6 mm.	05001304
	Screwdriver		07000206
	FLEX Screwdriver		07000222
	Housing Extractor		07000217
	Spacer	Delivery unit: pack of 4 pieces Material: P	07000201
	Block-out spacer	Delivery unit: pack of 4 pieces	07000202
	Analog	Delivery unit: pack of 4 pieces	07000204
	Impression part	Delivery unit: pack of 4 pieces	07000213
	Parallelometer insert		07000219
	Dalbo® Certain®		
	Dalbo®-PLUS female part with Dalbo® Certain® Abutment 4.1 x 2.0 mm		05000449
	Dalbo®-PLUS female part with Dalbo® Certain® Abutment 4.1 x 4.0 mm		05000451
	Dalbo®-PLUS female part with Dalbo® Certain® Abutment 4.1 x 6.0 mm Compatible with OSSEOTITE® Certain® / OSSEOTITE NT® and Certain® Prevail™ Implants by BIOMET3i™		05000452
	Gerber RZ		
	Female part E	For polymerisation into plastic or bonding into a metal framework	051177
	Annular spring M	Delivery unit: pack of 5 pieces	050315
	Threaded bush O		050314
	Retention core O	Thread: M 1.4x0.2	050313
	Tuning female part TE	For polymerisation into plastic or bonding into a metal framework	05000067
	Tuning lamellae retention insert E	For screwing into the housing of the Tuning female part	05000002
	Microfix / Mini-Clic		
	Tuning female part O	For polymerisation into the denture plastic	052155
	Elastomeric ring	Delivery unit: pack of 5 pieces	052039

Image	Item	Description	Cat. No.
	Mini-Gerber		
	Female part E	For polymerisation into plastic or bonding into a metal framework	055198
	Spring M	Delivery unit: pack of 5 pieces	055191
	Threaded ring O	Thread: M 2.5x0.35	055190
Bars			
	Dolder® System		
	Friction insert G yellow L3.5 (smooth friction)	Delivery unit: pack of 6 pieces	05000394
	Friction insert G red L3.5 (normal friction)	Delivery unit: pack of 6 pieces	05000395
	Friction insert G green L3.5 (strong friction)	Delivery unit: pack of 6 pieces	05000396
	MP-Clip		
	Retention insert G white	Retention low Delivery unit: pack of 6 pieces	200004361
	SFI-Bar		
	Female part asymmetrical E L30		05000344
	Retention insert G yellow (smooth friction)	Delivery unit: pack of 6 pieces	05000388
	Retention insert G red (normal friction)	Delivery unit: pack of 6 pieces	05000389
	Retention insert G green (strong friction)	Delivery unit: pack of 6 pieces	05000390
	Tube bar S L20		05000382
	Fixation screw S		05000386
	Large ball joint S		05000383
	Small ball joint S		05000384
	Half shell ball S		05000385
Screws and retention elements			
	CM-hex screw system		
	Pin screw MF 1.6x0.20		05000167
	Cap screw, Screw O M1.2 short Cap screw, Screw O M1.4 short	For fixation of primary and secondary part in the mouth	05000163 05000165
	Countersunk collar C (M1.2) Countersunk collar C (M1.4)	For casting-on in the secondary part	051882 051885
	Hex key	For cap and pin screw	07000008
	Ipsoclip SE		
	Male part O screw bolt		051847

Attachments.
Replacement parts.

Image	Item	Description	Cat. No.
	Ipsoclip RE		
	Retention bolt A		051769
	Spiral spring X	Delivery unit: pack of 5 pieces	051649
	Cap screw O		051647
	Ipsoclip posterior		
	Retention bolt A		051620
	Spiral spring X	Delivery unit: pack of 5 pieces	050754
	Bayonet lock O		050752
	Ipsoclip anterior		
	Bayonet lock O		050757
	Retention bolt A		051620
	Spiral spring X	Delivery unit: pack of 5 pieces	050754
	Buffer disc in plastic	Delivery unit: pack of 5 pieces	051240
	Cap screw		
	Screw O M1.2 long		05000164
	Screw O M1.4 long		05000166
	MetaFix		
	Locking screw S		200004584
	Mini-Presso-Matic		
	Retention bolt A		05050047
	Cap screw O		05050048
	Spiral spring X	Delivery unit: pack of 3 pieces	05050054
	Screw bolt O		05050049
	Screwdriver		07050013
	Presso-Matic		
	Retention bolt A		200004579
	Locking screw O		200004580
	Elastic buffer	Delivery unit: pack of 5 pieces	200004482
	Supra-Fix		
	Locking screw T		200004583

Endodontics

Root canal post Mooser 53
Root canal post Mooser 54
CM root canal post 56
MP-Post 58

Root canal anchors 60
Dalbo®-Rotex 60
Rotex 64
Rotex-RD 66



Root canal posts and root canal anchors.

Root canal posts are available in different materials. With high-quality in precious metal, with which root canal caps are manufactured to accommodate anchors, post crowns and cast abutments. Burn-out root canal posts allow for cost-effective solutions. Root canal anchors with self-tapping thread are used for the reconstruction of endodontically treated teeth. Once a tooth which has been severely destroyed by caries is subjected to root canal treatment, only little of the original tooth structure usually remains preserved. To compensate for the lost substance, a post construction is inserted, which stabilises the tooth and provides sufficient retention for a crown. The root canal anchor combined with the Dalbo® ball anchorage enables the fixation of hybrid and partial dentures.

Root canal posts and root canal anchors – advantages

- Decades of clinical experience.
- Manufactured from the high-quality materials precious metal Ceramicor® and pure titanium.
- Optimally matched, standardised preparation instruments for a high level of occupational safety and durability of the reconstruction.
- Draining grooves for cement allow stress-free cementing.

Root canal post Mooser.

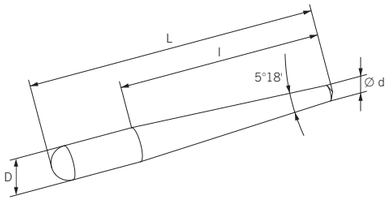
Root canal posts with conical profile.



Mooser root canal post with adhesive head



Mooser root canal post with flat head



Characteristics

- High-quality materials: from copper-free precious metal alloy or pure titanium
- Surface treated with special sandblasting
- Precious metal pins are manufactured from cold formed, cast-on alloy with excellent mechanical properties
- Optimally matched, standardised preparation instruments

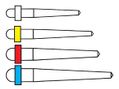
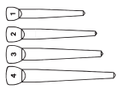
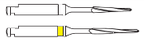
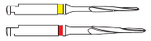
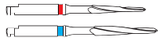
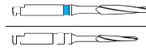
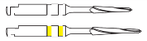
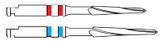
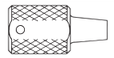
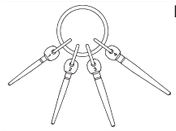
Image	Item	Description	Cat. No.
Components			
	**Adhesive head C**	Size / d = Ø tip / D = Ø shaft / l = cone length / L = overall length mm / mm / mm / mm 1 / 0.80 / 1.50 / 7.90 / 12.30 2 / 0.80 / 1.70 / 10.00 / 14.50 3 / 1.00 / 2.00 / 11.20 / 15.50 4 / 1.00 / 2.20 / 13.30 / 17.70 Root canal posts with adhesive head (for impression taking with elastic impression materials)	05003505 05003506 05003507 05003509
	**Flat head T**	Size / d = Ø tip / D = Ø shaft / l = cone length / L = overall length mm / mm / mm / mm 1 / 0.80 / 1.50 / 7.90 / 13.00 2 / 0.80 / 1.70 / 10.00 / 15.00 3 / 1.00 / 2.00 / 11.20 / 16.00 4 / 1.00 / 2.20 / 13.30 / 18.00 Root canal posts with flat head made of pure titanium (for direct cores of multi-root teeth) Delivery unit: pack of 5 pieces	05003589 05003590 05003591 05003592
Auxiliary instruments			
	**Root canal drill (White) Post size 1**		072310
	**Root canal drill (Yellow) Post size 2**		072311
	**Root canal drill (Red) Post size 3**		072312
	**Root canal drill (Blue) Post size 4**		072313
	**Pilot reamer (White) Post size 1**		072314
	**Pilot reamer (Yellow) Post size 2**		072315
	**Pilot reamer (Red) Post size 3**		072316
	**Pilot reamer (Blue) Post size 4**		072317
	**Reamer (White) Post size1**		070287
	**Reamer (Yellow) Post size 2**		072318
	**Reamer (Red) Post size 3**		070288
	**Reamer (Blue) Post size 4**		072319

Image	Item	Description	Cat. No.
	**Thomas spanner key**	for trimmer	070221
	**Post gauge size 1-4**	Check of the insertion depth and wall thickness	070483
	**Coupling piece**	For extending instruments, suitable for angled handpiece and Thomas spanner key	072414
	**Root canal posts Mooser Endobox**	Empty, without posts and instruments	08000003

CM root canal post.

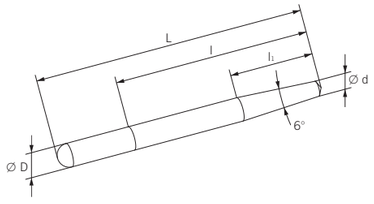
Root canal posts with cylindro-conical profile.



CM root canal post
with adhesive head



CM root canal post
with flat head



Characteristics
- 1 system for all indications, also for aesthetic restorations
- High-quality materials
- The endodontic section of the precious metal posts is specifically sandblasted
- Optimally matched, standardised preparation instruments
- High safety level through biologically tested materials and many years of clinical experience

Image	Item	Description	Cat. No.
Components			

Adhesive head C

Size	d = Ø tip mm	D = Ø shaft mm	l_1 = cone length mm	l = functional length mm	L = overall length mm	Cat. No.
1	0.80	1.20	4.25	9.00	14.00	05003194
2	0.90	1.30	4.25	10.00	15.00	05003195
3	0.90	1.40	5.20	12.00	17.00	05003202
4	1.00	1.50	5.25	13.00	18.00	05003210
5	1.00	1.60	6.20	14.50	19.50	05003211

Root canal posts with adhesive head
(for impression taking with elastic impression materials)

Adhesive head C (with cement flow-off groove)

Size	d = Ø tip mm	D = Ø shaft mm	l_1 = cone length mm	l = functional length mm	L = overall length mm	Cat. No.
1	0.80	1.20	4.25	9.00	14.00	05003219
2	0.90	1.30	4.25	10.00	15.00	05003226
3	0.90	1.40	5.20	12.00	17.00	05003234
4	1.00	1.50	5.25	13.00	18.00	05003242
5	1.00	1.60	6.20	14.50	19.50	05003250

Root canal posts with adhesive head and cement flow-off groove.

Flat head T (with cement flow-off groove)

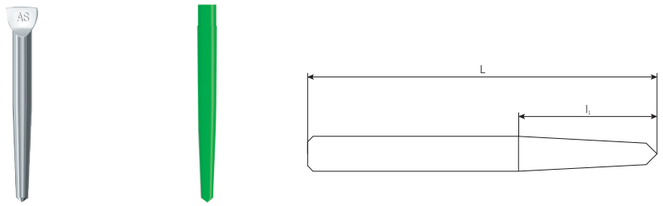
Size	d = Ø tip mm	D = Ø shaft mm	l_1 = cone length mm	l = functional length mm	L = overall length mm	Cat. No.
1	0.80	1.20	4.25	9.00	14.00	05003584
2	0.90	1.30	4.25	10.00	15.00	05003585
3	0.90	1.40	5.20	12.00	17.00	05003586
4	1.00	1.50	5.25	13.00	18.00	05003587
5	1.00	1.60	6.20	14.50	20.50	05003588

Root canal posts with flat head made of pure titanium
(for direct cores of multi-root teeth)
Delivery unit: pack of 5 pieces

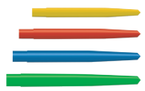
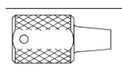
Image	Item	Description	Cat. No.
Auxiliary instruments			
	Root canal drill (White) Post size1		072326
	Root canal drill (Yellow) Post size1		072321
	Root canal drill (Red) Post size 3		072327
	Root canal drill (Blue) Post size 4		072328
	Root canal drill (Green) Post size 5		072329
	Reamer (White) Post size 1		070243
	Reamer (Yellow) Post size 2		070244
	Reamer (Red) Post size 3		070245
	Reamer (Blue) Post size 4		070246
	Reamer (Green) Post size 5		070247
	Thomas spanner key	for trimmer	070221
	Post gauge size 1-4	Check of the insertion depth and wall thickness	070481
	Coupling piece	For extending instruments, suitable for angled handpiece and Thomas spanner key	072414
	Root canal posts Mooser Endobox	Empty, without posts and instruments	08000003

MP-Post.

Root canal posts with cylindro-conical profile.



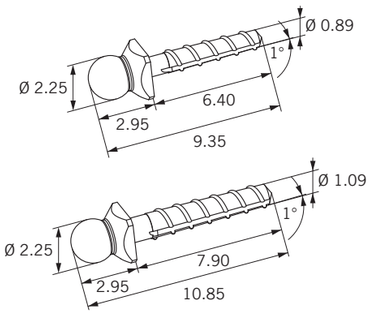
Characteristics
- Economical alternative to prefabricated precious metal posts
- One step, mechanical preparation of the root canal

Image	Item	Description			Cat. No.
Components					
	**MP-Post X**	Size	l_1 = cone length mm	L = overall length mm	
		1	5.2	13	200004301
		2	5.7	16	200004310
		3	7.1	17	200004319
		4	9.0	18	200004328
		Delivery unit: pack of 20 pieces			
	**MP-Post K**	Size	l_1 = cone length mm	L = overall length mm	
		1	5.0	14	200004302
		2	5.6	16	200004311
		3	7.0	17	200004320
		4	8.9	18	200004329
		Delivery unit: pack of 50 pieces			
Auxiliary instruments					
	**Root canal drill yellow (Size 1)**				200004441
	Root canal drill red (Size 2)				200004447
	Root canal drilll blue (Size 3				200004451
	Root canal drill green (Size 4				200004455
	**MP root canal drill**				200004436
	**MP auxiliary drill**				200004442
	**Thomas spanner key**				070221

Dalbo®-Rotex according to Dr. Dalla Bona.

Root canal anchor combined with prosthetic retainer.





Characteristics

- The insertion direction can deviate up to 6°
- Highly corrosion-resistant material: made of pure titanium
- Slightly tapered
- Cement flow-off grooves
- Rounded post end
- The construction can be prepared in a single session
- For cutting the thread, only 2 – 3 turns are necessary
- The cement flow-off grooves enable tension-free cementing

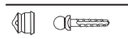
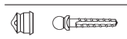
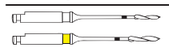
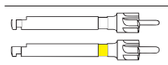
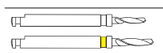
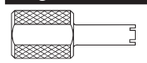
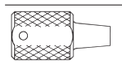
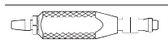
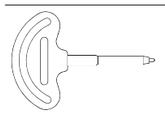
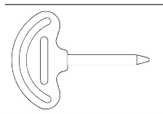
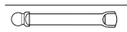
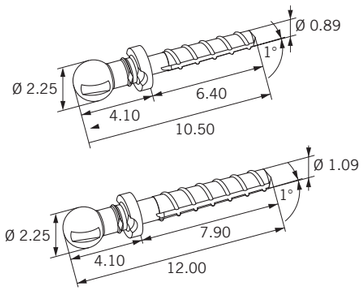
Image	Item	Description	Cat. No.
Complete parts			
	**Dalbo®-Rotex GT (Size 1)**	Delivery unit: pack of 5 pieces	051864
	**Dalbo®-Rotex GT (Size 2)**	Delivery unit: pack of 5 pieces	051865
Components			
	**Female part G**	Mouth-resistant plastic, can be integrated directly into the denture plastic Delivery unit: pack of 5 pieces	051868
	**Dalbo®-B female part E**	Precious metal alloy, can be integrated directly into the denture plastic	051511
	**Male part T (Size 1)** **Male part T (Size 2)**	Pure titanium (Grade 4) Delivery unit: pack of 5 pieces	051869 051870
Auxiliary instruments			
	**Root canal drill (White) Anchor size 1** **Root canal drill (Yellow) Anchor size 2**		070380 070381
	**Face cutting drill (White) Anchor size 1** **Face cutting drill (Yellow) Anchor size 2**		070499 072474
	**Root canal reamer (White) Anchor size 1** **Root canal reamer (Yellow) Anchor size 2**		070298 070299

Image	Item	Description	Cat. No.
	**Spanner key for spherical head**		070498
	**Thomas spanner key**	for trimmer	070221
	**Coupling piece**	For extending instruments, suitable for angled handpiece and Thomas spanner key	072414
	**Instrument for mounting of elastomeric ring**	For Dalbo®-B female part E (051511)	070205
	**Activator**	For Dalbo®-B female part E (051511)	070197
	**Deactivator**	For Dalbo®-B female part E (051511)	070199
Auxiliary parts			
	**Spacer G**	Spacers replace the anchoring female parts during plastic polymerisation in the laboratory.	070440
	**Transfer jig**	For fabricating the master model	070511
Set			
	**Introduction set (Brunner/Dalla Bona)**	Consisting of: 2 Dalbo®-Rotex GT according to Dr. Dalla Bona 051864 2 Dalbo®-Rotex GT according to Dr. Dalla Bona 051865 2 Dalbo®-Rotex GT according to Prof. Brunner 051866 2 Dalbo®-Rotex GT according to Prof. Brunner 051867 1 Root canal drill 070380 1 Root canal drill 070381 1 Face cutting drill 070499 1 Face-cutting drill 072474 1 Face-cutting drill 070295 1 Face-cutting drill 072473 1 Reamer 070298 1 Reamer 070299 1 Thomas spanner key 070221 1 Spanner key 070498 1 Spanner key 070500 8 Spacers 070440 2 Transfer jigs 070511 2 Transfer jigs 070512	051904
	**Endobox Rotex/Rotex-RD/Dalbo®-Rotex**	Empty, for root canal anchors Dalbo®-Rotex, without anchors and instruments	08000002

Dalbo®-Rotex according to Prof. Brunner.

Root canal anchor combined with prosthetic retainer.





Characteristics

- The insertion direction can deviate up to 18°
- Highly corrosion-resistant material: made of pure titanium
- Slightly tapered
- Cement flow-off grooves
- Rounded post end
- The construction can be prepared in a single session
- For cutting the thread, only 2 – 3 turns are necessary
- The cement flow-off grooves enable tension-free cementing

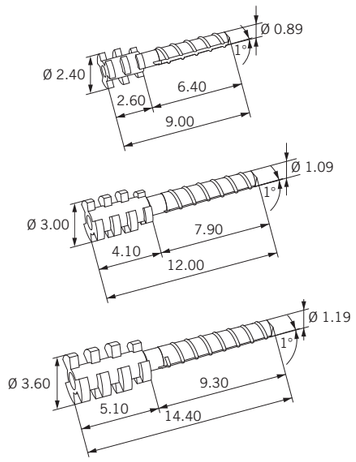
Image	Item	Description	Cat. No.
Complete parts			
	Dalbo®-Rotex GT (Size 1)	Delivery unit: pack of 5 pieces	051866
	Dalbo®-Rotex GT (Size 2)	Delivery unit: pack of 5 pieces	051867
Components			
	Female part G	Mouth-resistant plastic, can be integrated directly into the denture plastic Delivery unit: pack of 5 pieces	051868
	Dalbo®-B female part E	Precious metal alloy, can be integrated directly into the denture plastic	051511
	Male part T (Size 1)	Pure titanium (Grade 4)	051871
	Male part T (Size 2)	Delivery unit: pack of 5 pieces	051872
Auxiliary instruments			
	Root canal drill (White) Anchor size 1		070380
	Root canal drill (Yellow) Anchor size 2		070381
	Face cutting drill (White) Anchor size 1		070295
	Face cutting drill (Yellow) Anchor size 2		072473
	Root canal reamer (White) Anchor size 1		070298
	Root canal reamer (Yellow) Anchor size 2		070299

Image	Item	Description	Cat. No.
	Spanner key for spherical head		070500
	Thomas spanner key	for trimmer	070221
	Coupling piece	For extending instruments, suitable for angled handpiece and Thomas spanner key	072414
	Instrument for mounting of elastomeric ring	For Dalbo®-B female part E (051511)	070205
	Activator	For Dalbo®-B female part E (051511)	070197
	Deactivator	For Dalbo®-B female part E (051511)	070199
Auxiliary parts			
	Spacer G	Spacers replace the anchoring female parts during plastic polymerisation in the laboratory.	070440
	Transfer jig	For fabricating the master model	070512
Set			
	Introduction set (Brunner/Dalla Bona)	Consisting of: 2 Dalbo®-Rotex GT according to Dr. Dalla Bona 051864 2 Dalbo®-Rotex GT according to Dr. Dalla Bona 051865 2 Dalbo®-Rotex GT according to Prof. Brunner 051866 2 Dalbo®-Rotex GT according to Prof. Brunner 051867 1 Root canal drill 070380 1 Root canal drill 070381 1 Face cutting drill 070499 1 Face-cutting drill 072474 1 Face-cutting drill 070295 1 Face-cutting drill 072473 1 Reamer 070298 1 Reamer 070299 1 Thomas spanner key 070221 1 Spanner key 070498 1 Spanner key 070500 8 Spacers 070440 2 Transfer jigs 070511 2 Transfer jigs 070512	051904
	Endobox Rotex/Rotex-RD/Dalbo®-Rotex	Empty, for root canal anchors Dalbo®-Rotex, without anchors and instruments	08000002

Rotex.

Root canal anchor with retention head and self-cutting thread.





Characteristics
- Highly corrosion-resistant material: made of pure titanium
- Slightly tapered
- Cement flow-off grooves
- Rounded post end
- The construction can be prepared in a single session
- For cutting the thread, only 2 – 3 turns are necessary
- The cement flow-off grooves enable tension-free cementing

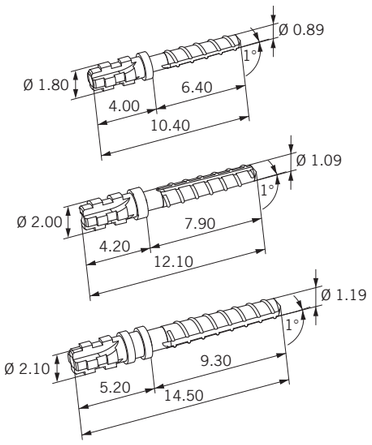
Image	Item	Description	Cat. No.
Components			
	Rotex T Size 1	Delivery unit: pack of 5 pieces	051289
	Rotex T Size 2	Delivery unit: pack of 5 pieces	051290
	Rotex T Size 3	Delivery unit: pack of 5 pieces	051291
Auxiliary instruments			
	Root canal drill (White) Anchor size 1		070380
	Root canal drill (Yellow) Anchor size 2		070381
	Root canal drill (Red) Anchor size 3		070382
	Face cutting drill (White) Anchor size 1		070295
	Face cutting drill (Yellow) Anchor size 2		070296
	Face cutting drill (Red) Anchor size 3		070297
	Root canal reamer (White) Anchor size 1		070298
	Root canal reamer (Yellow) Anchor size 2		070299
	Root canal reamer (Red) Anchor size 3		070300
	Spanner key (White) Anchor size 1		070301
	Spanner key (Yellow) Anchor size 2		070302
	Spanner key (Red) Anchor size 3		070303

Image	Item	Description	Cat. No.
	Thomas spanner key	for trimmer	070221
	Coupling piece	For extending instruments, suitable for angled handpiece and Thomas spanner key	072414
Set			
	Introduction set	Consisting of: 5 Rotex T anchors 051289 5 Rotex T anchors 051290 5 Rotex T anchors 051291 1 Root canal drill 070380 1 Root canal drill 070381 1 Root canal drill 070382 1 Face-cutting drill 070295 1 Face-cutting drill 070296 1 Face-cutting drill 070297 1 Reamer 070298 1 Reamer 070299 1 Reamer 070300 1 Spanner key 070301 1 Spanner key 070302 1 Spanner key 070303 1 Thomas spanner key 070221	051497
	Endobox Rotex/Rotex-RD/Dalbo®-Rotex	Empty, for root canal anchors Rotex, without anchors and instruments	08000002

Rotex-RD.

Root canal anchor with retention head and self-cutting thread.





Characteristics
- Highly corrosion-resistant material: made of pure titanium
- Slightly tapered
- Cement flow-off grooves
- Rounded post end
- The construction can be prepared in a single session
- For cutting the thread, only 2 – 3 turns are necessary
- Small manufacturing tolerances
- The cement flow-off grooves enable tension-free cementing
- Due to identical retention head geometry, only one spanner key is required for the 3 root canal anchor sizes

Image	Item	Description	Cat. No.
Components			
	Rotex-RD T Size 1	Delivery unit: pack of 5 pieces	055195
	Rotex-RD T Size 2	Delivery unit: pack of 5 pieces	055196
	Rotex-RD T Size 3	Delivery unit: pack of 5 pieces	055197
Auxiliary instruments			
	Root canal drill (White) Anchor size 1		070380
	Root canal drill (Yellow) Anchor size 2		070381
	Root canal drill (Red) Anchor size 3		070382
	Face-cutting drill (White) Anchor size 1		072470
	Face-cutting drill (Yellow) Anchor size 2		072471
	Face-cutting drill (Red) Anchor size 3		072472
	Root canal reamer (White) Anchor size 1		070298
	Root canal reamer (Yellow) Anchor size 2		070299
	Root canal reamer (Red) Anchor size 3		070300
	Spanner key Anchor size 1-3		072459
	Thomas spanner key	for trimmer	070221

Image	Item	Description	Cat. No.
	Coupling piece	For extending instruments, suitable for angled handpiece and Thomas spanner key	072414
Set			
	Introduction set	Consisting of: 5 Rotex RD T anchors 055195 5 Rotex RD T anchors 055196 5 Rotex RD T anchors 055197 1 Reamer 070380 1 Reamer 070381 1 Reamer 070382 1 Face-cutting drill 072470 1 Face-cutting drill 072471 1 Face-cutting drill 072472 1 Trimmer 070298 1 Trimmer 070299 1 Trimmer 070300 1 Socket wrench 072459 1 Thomas socket wrench 070221	055236
	Endobox Rotex/Rotex-RD/Dalbo®-Rotex	Empty, for root canal anchors Rotex RD, without anchors and instruments	08000002

Table of materials.

		Physical properties:									Mechanical properties							Chemical properties	Information on use												
			Composition											Thermal treatment					Combination options												
																			Primary part				Secondary part							
Abbre-viation	Name (number of alloy)	Colour	Au %	Pt %	Pd %	Ag %	Cu %	Ir %	Others	Melting range	CTE (25–500 °C)	Hardness HV5 as delivered	0.2 % Proof stress (Rp 0.2 %)	Self-hardening	Partially self-hardening	Heat treament after lasering or brazing	Cannot be thermically treated	Corrosion	Casting-on	Soldering	Laser welding	Phaser welding	Casting-on	Soldering	Laser welding	Resin-bonding	Polymerization	Technical notes
A	**Alpha** (0094)	White	35.00	1.00	10.50	41.00	12.00		In 0.50	880–960 °C	–	(80 % cold-formed)		✓		✓		15.1 µg/cm² x 7 d		✓	✓	✓		✓	✓	✓	✓	Heat treament after soldering/lasering: Soft annealing: 700 °C 10 min - quench with H_2O Hardening: 400 °C 15 min - cool slowly Pickling: pickle in 10 vol. % warm sulphuric acid (H_2SO_4) Do not pickle in nitric acid (HNO_3) or hydrochloric acid (HCL)
												>240	> 695 Mpa														
C	**Ceramicor®** (0037)	White	60.00	19.00	20.00			1.00		1400–1490 °C	11.9 x 10⁻⁶K⁻¹	(15–75 % cold-formed)			✓			No release detectable	✓	✓	✓	✓	✓	✓	✓	✓	✓	Non-oxidizing alloy Cast-on only with PM alloys Can be soldered with PM and NPM alloys
												>215	> 650 Mpa														
D	**Doral** (0092)	Light grey	15.00		22.00	49.30	13.70			930–1015 °C	–	(35–65 % cold-formed)		✓		✓		1.07 µg/cm² x 7 d		✓	✓	✓		✓	✓	✓	✓	Heat treament after soldering/lasering: Soft annealing: 800 °C 10 min - quench with H_2O Hardening: 400 °C 15 min - cool slowly Pickling: pickle in 10 vol. % warm sulphuric acid (H_2SO_4). Do not pickle in Neacid (amidosulphonic acid), nitric acid (HNO_3) or hydrochloric acid (HCL)
												>230	> 600 Mpa														
E	**Elitor®** (0054)	Yellow	68.60	2.45	3.95	11.85	10.60	0.05	Zn 2.50	880–940 °C	–	(30–70 % cold-formed)		✓		✓		3.1 µg/cm² x 7 d		✓	✓	✓		✓	✓	✓	✓	Heat treament after soldering/lasering: Soft annealing: 700 °C 10 min - quench with H_2O Hardening: 400 °C 15 min - cool slowly Pickling: pickle in 10 vol. % warm sulphuric acid (H_2SO_4) Do not pickle in nitric acid (HNO_3) or hydrochloric acid (HCL)
												>240	> 710 Mpa														
EL	**Elasticor** (0053)	Bright yellow	61.00	13.50		16.50	9.00			950–1050 °C	–	(25–50 % cold-formed)					✓	0.20 µg/cm² x 7 d							✓	✓	Alloy with high elasticity
												>250	> 700 Mpa														
O	**OSV** (0082)	White	60.00	10.50	6.50	7.00	14.00		Zn 2.00	960–1065 °C	–	(35–50 % cold-formed)		✓				0.88 µg/cm² x 7 d		✓	✓			✓		✓	✓	Not heat treament after soldering/lasering! Pickling: pickle in 10 vol. % warm sulphuric acid (H_2SO_4). Do not pickle in nitric acid (HNO_3) or hydrochloric acid (HCL)
												>275	> 850 Mpa														
P3	**Protor** (0099)	Yellow	68.60	2.45	3.95	11.85	10.60	0.05	Zn 2.50	895–960 °C		(soft annealed)		✓		✓		0.9 µg/cm² x 7 d		✓	✓	✓		✓	✓	✓	✓	Heat treament after soldering/lasering: Soft annealing: 700 °C 10 min - quench with H_2O Hardening: 400 °C 15 min - cool slowly Pickling: pickle in 10 vol. % warm sulphuric acid (H_2SO_4) Do not pickle in nitric acid (HNO_3) or hydrochloric acid (HCL)
												175	410 Mpa														
V	**Valor** (0766)	White	10.00	89.00				1.00		1660–1710 °C	9.2 x 10⁻⁶K⁻¹	(35–70 % cold-formed)		✓				No release detectable	✓	✓			✓	✓				Non-oxidizing alloy Does not support lasering / phasing Cast-on only with PM alloys Can be soldered with PM and NPM alloys
												>240	> 720 Mpa														

		Physical properties:		Information on use	
Abbre-viations	Name	Colour	Composition	Combination options	Technical notes
G	**Galak**	Various colours	Mouth-resistant plastics Cendres+Métaux SA uses various plastics in the attachments as finished parts for polymerisation such as glide inserts or auxiliary parts.		Not suitable for casting. The duplicating aid must not be used in place of the female part as a temporary replacement, nor for taking impressions / placeholder technique in the mouth. Spacers replace the anchoring female parts during plastic polymerisation in the laboratory.
K	**Korak**	Various colours	Burn-out plastic		Plastic attachment elements for casting with precious metal or non-precious metall alloys The casting alloy must have a 0.2 % proof stress: Rp 0.2 % > 500 N/mm²
M	**Med steel**	White	Material 1.4435 according to the standards DIN 17440 or AISI 316L.	Supports the use of bonding agent Supports polymerisation Can be soldered	Not suitable for casting-on, lasering, phasing ⚠ Contains nickel
P	**Pekkton®**	Various colours	Mouth-resistant high performance polymer Cendres+Métaux SA uses this polymer in the attachments as finished parts for polymerisation such as glide inserts or auxiliary parts.		
T	**Pure titanium**	Grey	Titanium materials according to the standards ASTM F67 (Grade 1 to 4) or ASTM B 348 Grade 1-4 and 36 or ISO 5832-2.	Supports the use of bonding agent Supports polymerisation	Not suitable for casting-on, soldering, lasering, phasing
S	**Syntax**	Grey	Titanium materials according to the standards ASTM F136 or ASTM B 348 Grade 5 ELI or Grade 23.	Supports the use of bonding agent Supports polymerisation	Not suitable for casting-on, soldering, lasering, phasing
X	**Steel**	White	Stainless steel, corrosion-resistant	Supports the use of bonding agent Supports polymerisation	Not suitable for casting-on, soldering, lasering, phasing ⚠ Contains nickel
	Santoprene	White	Mouth-resistant plastic		
	Elastomer		Mouth-resistant plastic		Prevents the penetration of plastic, guarantees lamellae clearance and activation



Ceramics

Livento® press and Soprano® 10 71
Soprano® 14 78
Soprano® Surface 84
Soprano® Stain & Glaze 87

Livento® press and Soprano®.

Livento® press

The main characteristics of Livento® press lithium disilicate glass ceramic are its homogeneous structure, high strength values and the reliability of the material. When processing Livento® press, the fit and colour remain stable so that time-consuming post-processing is no longer necessary.

Soprano®

The Soprano® veneering ceramic convinces through easy and time-saving processing. Soprano® 10 can be used for the aesthetic veneering of frameworks made of lithium disilicate as well as zirconium dioxide and Soprano® 14 for the veneering of metal alloys. The thixotropic properties of the Soprano® powder-liquid mixture allow fast and reliable layering: Soprano® is viscous during processing and remains stable after model completion.

Soprano® Surface

A ceramic for the structuring of crowns and bridges. The ready-to-use pastes have an optimal grain size which offers many advantages: Soprano® Surface can be applied easily and fast since the pastes can be used directly from the tin. The high stability of the material is also convincing - both during modelling and firing, the incorporated surface characteristics remain unchanged, thus significantly reducing the grinding effort. The colours of the pastes are also convincing in application. They are already visible during layering and remain unchanged after firing.

The shade concept as well as the product range are identical for all products of the Soprano line. This is an important advantage for the users, who need to become familiar with one system only.

Press and veneering ceramic.
Livento® press and Soprano® 10.



Characteristics

Livento® press and Soprano® 10

The shades are based on the VITA Classic shade system

Livento® press

- Lithium disilicate pressed ceramic
- The best Weibull module in comparison to the competition[1], this speaks for a high reliability of the material in clinical applications
- When processing, the fit and colour remain stable so that time-consuming post-processing is no longer necessary
- High edge stability even with thin tapered edges

Soprano® 10

- Silicate glass ceramic
- For veneering frameworks made of lithium disilicate (Livento® press) as well as zirconium dioxide
- Opaque Dentine and Dentine are also available in A0 and B0
- The colour fastness remains stable, even after several firing processes

Item	Description	Kit	Refill	Cat. No.
Intro Kit A2	The introductory kit			08055072



Exclusive at Cendres+Métaux: together with the MT, A1, A2 and B2 stains, the kit also contains the matching press blanks for the «Stain & Glaze» technique. The shades are highly fluorescent and convince with their colour intensity. «Flu-Shade» allows a different colour for each of the four basic colours. The Stain & Glaze Kit has been usefully supplemented with ten «Flu-Stain» common colours.

Livento® press	LT A1	3 pcs.
Livento® press	MT A2	3 pcs.
Soprano® 10	Margin A2	5 g
Soprano® 10	Opaque Dentine A2	5 g
Soprano® 10	Dentine A2	5 g
Soprano® 10	Mamelon Cream	5 g
Soprano® 10	Enamel E2	5 g
Soprano® 10	Enamel Effect light-blue	5 g
Soprano® 10	Opal Effect	5 g
Soprano®	Flu-Shade A	5 g
Soprano®	Flu-Stain dark-blue	5 g
Soprano®	Flu-Stain brown	5 g
Soprano®	Glaze Paste	5 g
Soprano®	Stains & Glaze Fluid	25 ml
Soprano®	Modeling Liquid	25 ml
Livento® invest	Powder	5 x 100 g
Livento® invest	Liquid	250 ml
Livento® press	Disposable Pressplunger (13 mm)	5 pcs.

[1] Dental Materials, Stawarczyk B. et al; Flexural strength, fracture toughness, three-bodywear, and Martens parameters of pressable lithium-X-silicate ceramics

Item	Description	Kit	Refill	Cat. No.
Shade A-B Kit	The main product range			08055073



The kit contains three press blanks each in shades A and B and in translucencies LT and MT. The refills are available in packs of five pieces. All relevant veneering materials for veneers on lithium disilicate and zirconium oxide, including liquids, are included for the shades A and B. A highly Opaque Dentine with a degree of opacity of approx. 90 % is available for each shade. Various enamel materials round off the range to allow creating natural-looking aesthetics with ease.

Livento® press	LT A0	3 pcs.	5 pcs.	08055142
Livento® press	LT A1	3 pcs.	5 pcs.	08055137
Livento® press	LT A2	3 pcs.	5 pcs.	08055143
Livento® press	LT A3	3 pcs.	5 pcs.	08055144
Livento® press	LT A3,5	3 pcs.	5 pcs.	08055145
Livento® press	LT A4	3 pcs.	5 pcs.	08055146
Livento® press	LT B1	3 pcs.	5 pcs.	08055147
Livento® press	LT B2	3 pcs.	5 pcs.	08055148
Livento® press	LT B3	3 pcs.	5 pcs.	08055149
Livento® press	LT B4	3 pcs.	5 pcs.	08055150
Livento® press	MT A0	3 pcs.	5 pcs.	08055158
Livento® press	MT A1	3 pcs.	5 pcs.	08055159
Livento® press	MT A2	3 pcs.	5 pcs.	08055160
Livento® press	MT A3	3 pcs.	5 pcs.	08055161
Livento® press	MT B1	3 pcs.	5 pcs.	08055162
Livento® press	MT B2	3 pcs.	5 pcs.	08055163
Livento® press	HO 1	3 pcs.	5 pcs.	08055141
Livento® press	Bleach 1 MT	3 pcs.	3 pcs.	08055169
Soprano® 10	Frame Modifier A	5 g	5 g	08055185
Soprano® 10	Frame Modifier B	5 g	5 g	08055186
Soprano® 10	Margin A0	5 g	5 g	08055187
Soprano® 10	Margin A2	5 g	5 g	08055173
Soprano® 10	Margin A4	5 g	5 g	08055188
Soprano® 10	Margin B2	5 g	5 g	08055189
Soprano® 10	Margin C2	5 g	5 g	08055190
Soprano® 10	Opaque Dentine A0	15 g	15 g	08055191
Soprano® 10	Opaque Dentine A1	15 g	15 g	08055192
Soprano® 10	Opaque Dentine A2	15 g	15 g	08055176
Soprano® 10	Opaque Dentine A3	15 g	15 g	08055193
Soprano® 10	Opaque Dentine A3,5	15 g	15 g	08055194
Soprano® 10	Opaque Dentine A4	15 g	15 g	08055195
Soprano® 10	Opaque Dentine B0	15 g	15 g	08055196
Soprano® 10	Opaque Dentine B1	15 g	15 g	08055197
Soprano® 10	Opaque Dentine B2	15 g	15 g	08055198
Soprano® 10	Opaque Dentine B3	15 g	15 g	08055199
Soprano® 10	Opaque Dentine B4	15 g	15 g	08055200
Soprano® 10	Opaque Dentine orange	15 g	15 g	08055201
Soprano® 10	Opaque Dentine brown	15 g	15 g	08055202
Soprano® 10	Opaque Dentine yellow	15 g	15 g	08055203
Soprano® 10	Dentine A0	15 g	15 g	08055204
Soprano® 10	Dentine A0		25 g	08057760
Soprano® 10	Dentine A1	15 g	15 g	08055205
Soprano® 10	Dentine A1		25 g	08057763
Soprano® 10	Dentine A1		40 g	08058760
Soprano® 10	Dentine A2	15 g	15 g	08055177
Soprano® 10	Dentine A2		25 g	08057764
Soprano® 10	Dentine A2		40 g	08058761
Soprano® 10	Dentine A3	15 g	15 g	08055206
Soprano® 10	Dentine A3		25 g	08058762

Press and veneering ceramic.
Livento® press and Soprano® 10.

Item	Description	Kit	Refill	Cat. No.
Soprano® 10	Dentine A3		40 g	08058763
Soprano® 10	Dentine A3,5	15 g	15 g	08055207
Soprano® 10	Dentine A3,5		25 g	08058764
Soprano® 10	Dentine A3,5		40 g	08058765
Soprano® 10	Dentine A4	15 g	15 g	08055208
Soprano® 10	Dentine B0	15 g	15 g	08055209
Soprano® 10	Dentine B0		25 g	08057765
Soprano® 10	Dentine B1	15 g	15 g	08055210
Soprano® 10	Dentine B1		25 g	08057768
Soprano® 10	Dentine B1		40 g	08058766
Soprano® 10	Dentine B2	15 g	15 g	08055211
Soprano® 10	Dentine B2		25 g	08058767
Soprano® 10	Dentine B2		40 g	08058768
Soprano® 10	Dentine B3	15 g	15 g	08055212
Soprano® 10	Dentine B4	15 g	15 g	08055213
Soprano® 10	Enamel E1	25 g	25 g	08055214
Soprano® 10	Enamel E1		40 g	08057769
Soprano® 10	Enamel E1		100 g	08057770
Soprano® 10	Enamel E2	25 g	25 g	08055215
Soprano® 10	Enamel E2		40 g	08057771
Soprano® 10	Enamel E2		100 g	08057772
Soprano® 10	Enamel E3	25 g	25 g	08055216
Soprano® 10	Enamel E4	25 g	25 g	08055217
Soprano® 10	Enamel Clear	25 g	25 g	08055218
Soprano® 10	Opal Effect	15 g	15 g	08055180
Soprano® 10	Opal Intensive 2	15 g	15 g	08055219
Soprano® 10	Opal Intensive 4	15 g	15 g	08055220
Soprano® 10	Opal Clear	15 g	15 g	08055221
Soprano® 10	Enamel Effect clear-white	15 g	15 g	08055222
Soprano® 10	Enamel Effect sun	15 g	15 g	08055223
Soprano® 10	Enamel Effect apricot	15 g	15 g	08055224
Soprano® 10	Enamel Effect amber	15 g	15 g	08055225
Soprano® 10	Enamel Effect gray	15 g	15 g	08055226
Soprano® 10	Enamel Effect light-blue	15 g	15 g	08055179
Soprano® 10	Enamel Enhancer orange	15 g	15 g	08055227
Soprano® 10	Mamelon mango	15 g	15 g	08055228
Soprano® 10	Mamelon cream	15 g	15 g	08055178
Soprano® 10	Repair	15 g	15 g	08055229
Soprano®	Frame Liquid	25 ml	25 ml	08055284
Soprano®	Modeling Liquid	100 ml	100 ml	08055277
Soprano®	Stains & Glaze Fluid	25 ml	25 ml	08055283

Shade C-D Kit	**The addition to the main product range** The Shade C-D Kit includes press blanks in shades C and D, which are also available in refill packs of three pieces each. For veneering, the kit contains materials exclusively matched to the shades C and D.			08055074
Livento® press	LT C1	3 pcs.	3 pcs.	08055151
Livento® press	LT C2	3 pcs.	3 pcs.	08055152
Livento® press	LT C3	3 pcs.	3 pcs.	08055153
Livento® press	LT C4	3 pcs.	3 pcs.	08055154
Livento® press	LT D2	3 pcs.	3 pcs.	08055155
Livento® press	LT D3	3 pcs.	3 pcs.	08055156
Livento® press	LT D4	3 pcs.	3 pcs.	08055157

Item	Description	Kit	Refill	Cat. No.
Livento® press	MT C1	3 pcs.	3 pcs.	08055164
Livento® press	MT C2	3 pcs.	3 pcs.	08055165
Livento® press	MT D2	3 pcs.	3 pcs.	08055166
Soprano® 10	Frame Modifier C	5 g	5 g	08055326
Soprano® 10	Frame Modifier D	5 g	5 g	08055230
Soprano® 10	Opaque Dentine C1	15 g	15 g	08055231
Soprano® 10	Opaque Dentine C2	15 g	15 g	08055232
Soprano® 10	Opaque Dentine C3	15 g	15 g	08055233
Soprano® 10	Opaque Dentine C4	15 g	15 g	08055234
Soprano® 10	Opaque Dentine D2	15 g	15 g	08055235
Soprano® 10	Opaque Dentine D3	15 g	15 g	08055236
Soprano® 10	Opaque Dentine D4	15 g	15 g	08055237
Soprano® 10	Dentine C1	15 g	15 g	08055238
Soprano® 10	Dentine C2	15 g	15 g	08055239
Soprano® 10	Dentine C3	15 g	15 g	08055240
Soprano® 10	Dentine C4	15 g	15 g	08055241
Soprano® 10	Dentine D2	15 g	15 g	08055242
Soprano® 10	Dentine D3	15 g	15 g	08055243
Soprano® 10	Dentine D4	15 g	15 g	08055244

Gingiva	**Specialities for gingival supplementation**		
Soprano® 10	Frame Modifier pink	5 g	08057773
Soprano® 10 #	Gingiva light	5 g	08058200
Soprano® 10	Gingiva light	15 g	08058742
Soprano® 10	Gingiva light	25 g	08058743
Soprano® 10	Gingiva light	40 g	08058744
Soprano® 10 #	Gingiva dark	5 g	08055260
Soprano® 10	Gingiva dark	15 g	08058745
Soprano® 10	Gingiva dark	25 g	08058746
Soprano® 10	Gingiva dark	40 g	08058747
Soprano® 10	Gingiva dark-intense	15 g	08058748
Soprano® 10	Gingiva dark-intense	25 g	08058749
Soprano® 10	Gingiva dark-intense	40 g	08058750
Soprano® 10 #	Gingiva orange	5 g	08058201
Soprano® 10	Gingiva orange	15 g	08058751
Soprano® 10	Gingiva orange	25 g	08058752
Soprano® 10 #	Gingiva violet	5 g	08055261
Soprano® 10	Gingiva violet	15 g	08058753
Soprano® 10	Gingiva violet	25 g	08058754
Soprano® 10	Gingiva brown	15 g	08058755
Soprano® 10	Gingiva brown	25 g	08058756
Soprano® 10	Gingiva blood	15 g	08058757
Soprano® 10	Gingiva blood	25 g	08058758
Soprano® 10	Gingiva bone	25 g	08058759

available while stocks last

Press and veneering ceramic.
Livento® press and Soprano® 10.

Item	Description	Kit	Refill	Cat. No.
Advanced Kit	**For the demanding dental technician** The Advanced Kit contains special press blanks and veneering materials. The kit is a «must» for those ceramists who focus on highest individuality and aesthetics.			08055077
Livento® press	ET 1	3 pcs.	5 pcs.	08055138
Livento® press	ET 2	3 pcs.	5 pcs.	08055139
Livento® press	ET 3	3 pcs.	5 pcs.	08055140
Livento® press	Opal 1	3 pcs.	3 pcs.	08055167
Livento® press	Opal 2	3 pcs.	3 pcs.	08055168
Soprano® 10	Enamel E0	5 g	5 g	08055268
Soprano® 10	Opal Intensive 1	5 g	5 g	08055269
Soprano® 10	Opal Intensive 3	5 g	5 g	08055270
Soprano® 10	Enamel Effect Enhancer amber	5 g	5 g	08055271
Soprano® 10	Enamel Effect Enhancer dark-gray	5 g	5 g	08055272
Soprano® 10	Enamel Effect Enhancer pink	5 g	5 g	08055273
Soprano® 10	Enamel Effect Enhancer blue	5 g	5 g	08055274
Soprano® 10	Cuspid	5 g	5 g	08055275
Soprano® 10	Fossa	5 g	5 g	08055276

Item	Description	Kit	Refill	Cat. No.
Bleaching Extended Kit	**A wealth of white** Next to the extensive veneering accessories of the Bleach Dentines and enamel masses, the kit contains 12 different Bleach press blanks, specially compiled by bleach specialists with considerable experience!			08056952
Livento® press	Bleach ET	3 pcs.	5 pcs.	08056950
Livento® press	Bleach 1 MT	3 pcs.	5 pcs.	08056942
Livento® press	Bleach 2 MT	3 pcs.	5 pcs.	08056943
Livento® press	Bleach 3 MT	3 pcs.	5 pcs.	08056944
Livento® press	Bleach 4 MT	3 pcs.	5 pcs.	08056945
Livento® press	Bleach 1 LT	3 pcs.	5 pcs.	08056946
Livento® press	Bleach 2 LT	3 pcs.	5 pcs.	08056947
Livento® press	Bleach 3 LT	3 pcs.	5 pcs.	08056948
Livento® press	Bleach 4 LT	3 pcs.	5 pcs.	08056949
Livento® press	Bleach MO 0	3 pcs.	5 pcs.	08056954
Livento® press	Bleach MO 1	3 pcs.	5 pcs.	08056955
Livento® press	Bleach HO 0	3 pcs.	5 pcs.	08056951
Soprano® 10	Bleach Opaque Dentine	15 g	15 g	08056953
Soprano® 10	Bleach Dentine 1	25 g	25 g	08056956
Soprano® 10	Bleach Dentine 1		40 g	08057774
Soprano® 10	Bleach Dentine 1		100 g	08057775
Soprano® 10	Bleach Dentine 2	25 g	25 g	08056957
Soprano® 10	Bleach Dentine 2		40 g	08057776
Soprano® 10	Bleach Dentine 2		100 g	08057777
Soprano® 10	Bleach Dentine 3	25 g	25 g	08056958
Soprano® 10	Bleach Dentine 3		40 g	08057766
Soprano® 10	Bleach Dentine 3		100 g	08057767
Soprano® 10	Bleach Dentine 4	25 g	25 g	08056959
Soprano® 10	Bleach Dentine 4		40 g	08057761
Soprano® 10	Bleach Dentine 4		100 g	08057762

Item	Description	Kit	Refill	Cat. No.
Soprano® 10	Cuspid	15 g	15 g	08056960
Soprano® 10	Bleach Enamel 1	25 g	25 g	08056961
Soprano® 10	Bleach Enamel 1		40 g	08057778
Soprano® 10	Bleach Enamel 1		100 g	08057779
Soprano® 10	Bleach Enamel 2	25 g	25 g	08056962
Soprano® 10	Bleach Enamel 2		40 g	08057780
Soprano® 10	Bleach Enamel 2		100 g	08057781
Soprano® 10	Enamel E0	25 g	25 g	08056963
Soprano® 10	Enamel E0		40 g	08057782
Soprano® 10	Enamel E0		100 g	08057783
Soprano® 10	Enamel E1	25 g	25 g	08055214
Soprano® 10	Enamel Clear	25 g	25 g	08055218
Soprano® 10	Bleach Transpa-white	15 g	15 g	08056964
Soprano® 10	Enamel Effect light-blue	15 g	15 g	08055179
Soprano® 10	Opal Intensive 2	15 g	15 g	08055219
Soprano® 10	Mamelon cream	15 g	15 g	08055178
Soprano®	Modeling Liquid	100 ml	100 ml	08055277
Soprano®	Glaze Paste	5 g	5 g	08055184
Soprano®	Stains & Glaze Fluid	25 ml	25 ml	08055283

Auxiliary materials			
Livento® invest	Powder	50 x 100 g	08055014
Livento® invest	Liquid	1000 ml	083739
Livento® press	Disposable Pressplunger (Diameter 13 mm)	50 pcs.	08055017

Veneering ceramic.
Soprano® 14.



Characteristics
- Silicate glass ceramic
- For ceramic veneering of precious metal and non-precious metal alloys with a coefficient of thermal expansion of 13.5 - 15 x 10^{-6}-K^{-1} (25 - 500°C)
- The perfectly matched transparency and fluorescence enable natural reconstructions of crowns and bridges on alloys.
- Due to the colour stability and brightness of Soprano®14, the desired shade effect can be achieved in thin layers with cutting materials
- The colour fastness remains stable, even after several firing processes

Item	Description	Kit	Refill	Cat. No.
Intro Kit A2	The introductory set			08057500



Includes everything required for the realisation of a high-quality metal-ceramic reconstruction in shade A2. Matching veneering materials, stains and the corresponding liquids, including the Bonder Paste for firing on non-precious alloys.

Soprano® 14	Bonder Paste EMF Alloys	2.5 g
Soprano® 14	Paste Opaque A2	2.5 g
Soprano® 14	Margin A2	5 g
Soprano® 14	Opaque Dentine A2	5 g
Soprano® 14	Dentine A2	5 g
Soprano® 14	Enamel E2	5 g
Soprano® 14	Opal Effect	5 g
Soprano® 14	Enamel Effect light-blue	5 g
Soprano® 14	Enamel Effect clear-white	5 g
Soprano® 14	Mamelon cream	5 g
Soprano®	POWDER Flu-Shade A	2 g
Soprano®	POWDER Flu-Stain brown	2 g
Soprano®	POWDER Flu-Stain dark-blue	2 g
Soprano®	POWDER Glaze	2.5 g
Soprano®	Stains & Glaze Fluid	25 ml
Soprano®	Modeling Liquid	25 ml
Soprano®	Margin Liquid	25 ml

Item	Description	Kit	Refill	Cat. No.
Shade A-B Kit	**The main product range**			08057517



The kit contains all relevant ceramic materials for veneering on precious metal and non-precious metal alloys for shades A and B, including the liquids. The opaquer in paste form allows efficient working with perfectly covered metal frameworks. With the supplied «EMF alloys» bonder paste, tension can be reduced and colour stability increased when veneering on non-precious metal alloys. A highly Opaque Dentine with a degree of opacity of approximately 90 % is available for each shade. Various enamel and special materials round off the top of the range to allow creating natural-looking aesthetics with ease.

Soprano® 14	Bonder Paste EMF Alloys	5 g	5 g	08057501
Soprano® 14	Paste Opaque A0	5 g	5 g	08057520
Soprano® 14	Paste Opaque A1	5 g	5 g	08057521
Soprano® 14	Paste Opaque A2	5 g	5 g	08057502
Soprano® 14	Paste Opaque A3	5 g	5 g	08057522
Soprano® 14	Paste Opaque A3,5	5 g	5 g	08057523
Soprano® 14	Paste Opaque A4	5 g	5 g	08057524
Soprano® 14	Paste Opaque B0	5 g	5 g	08057525
Soprano® 14	Paste Opaque B1	5 g	5 g	08057526
Soprano® 14	Paste Opaque B2	5 g	5 g	08057527
Soprano® 14	Paste Opaque B3	5 g	5 g	08057528
Soprano® 14	Paste Opaque B4	5 g	5 g	08057529
Soprano® 14	Margin A0	15 g	15 g	08057530
Soprano® 14	Margin A1	15 g	15 g	08057531
Soprano® 14	Margin A2	15 g	15 g	08057503
Soprano® 14	Margin A3	15 g	15 g	08057533
Soprano® 14	Margin A3,5	15 g	15 g	08057534
Soprano® 14	Margin A4	15 g	15 g	08057535
Soprano® 14	Margin B0	15 g	15 g	08057536
Soprano® 14	Margin B1	15 g	15 g	08057537
Soprano® 14	Margin B2	15 g	15 g	08057538
Soprano® 14	Margin B3	15 g	15 g	08057539
Soprano® 14	Margin B4	15 g	15 g	08057540
Soprano® 14	Opaque Dentine A0	25 g	25 g	08057541
Soprano® 14	Opaque Dentine A0		40 g	08057542
Soprano® 14	Opaque Dentine A1	25 g	25 g	08057543
Soprano® 14	Opaque Dentine A1		40 g	08057544
Soprano® 14	Opaque Dentine A2	25 g	25 g	08057504
Soprano® 14	Opaque Dentine A2		40 g	08057545
Soprano® 14	Opaque Dentine A3	25 g	25 g	08057546
Soprano® 14	Opaque Dentine A3		40 g	08057547
Soprano® 14	Opaque Dentine A3,5	25 g	25 g	08057548
Soprano® 14	Opaque Dentine A3,5		40 g	08057549
Soprano® 14	Opaque Dentine A4	25 g	25 g	08057550
Soprano® 14	Opaque Dentine A4		40 g	08057551
Soprano® 14	Opaque Dentine B0	25 g	25 g	08057552
Soprano® 14	Opaque Dentine B0		40 g	08057553
Soprano® 14	Opaque Dentine B1	25 g	25 g	08057554
Soprano® 14	Opaque Dentine B1		40 g	08057555
Soprano® 14	Opaque Dentine B2	25 g	25 g	08057556
Soprano® 14	Opaque Dentine B2		40 g	08057557
Soprano® 14	Opaque Dentine B3	25 g	25 g	08057558
Soprano® 14	Opaque Dentine B3		40 g	08057559
Soprano® 14	Opaque Dentine B4	25 g	25 g	08057560
Soprano® 14	Opaque Dentine B4		40 g	08057561
Soprano® 14	Opaque Dentine orange	15 g	15 g	08057562
Soprano® 14	Opaque Dentine brown	15 g	15 g	08057563
Soprano® 14	Opaque Dentine yellow	15 g	15 g	08057564
Soprano® 14	Dentine A0	25 g	25 g	08057565
Soprano® 14	Dentine A0		40 g	08057566

Veneering ceramic.
Soprano® 14.

Item	Description	Kit	Refill	Cat. No.
Soprano® 14	Dentine A0		100 g	08057567
Soprano® 14	Dentine A1	25 g	25 g	08057568
Soprano® 14	Dentine A1		40 g	08057569
Soprano® 14	Dentine A1		100 g	08057570
Soprano® 14	Dentine A2	25 g	25 g	08057505
Soprano® 14	Dentine A2		40 g	08057571
Soprano® 14	Dentine A2		100 g	08057572
Soprano® 14	Dentine A3	25 g	25 g	08057573
Soprano® 14	Dentine A3		40 g	08057574
Soprano® 14	Dentine A3		100 g	08057575
Soprano® 14	Dentine A3,5	25 g	25 g	08057576
Soprano® 14	Dentine A3,5		40 g	08057577
Soprano® 14	Dentine A3,5		100 g	08057578
Soprano® 14	Dentine A4	25 g	25 g	08057579
Soprano® 14	Dentine A4		40 g	08057580
Soprano® 14	Dentine A4		100 g	08057581
Soprano® 14	Dentine B0	25 g	25 g	08057582
Soprano® 14	Dentine B0		40 g	08057583
Soprano® 14	Dentine B0		100 g	08057584
Soprano® 14	Dentine B1	25 g	25 g	08057585
Soprano® 14	Dentine B1		40 g	08057586
Soprano® 14	Dentine B1		100 g	08057587
Soprano® 14	Dentine B2	25 g	25 g	08057588
Soprano® 14	Dentine B2		40 g	08057589
Soprano® 14	Dentine B2		100 g	08057590
Soprano® 14	Dentine B3	25 g	25 g	08057591
Soprano® 14	Dentine B3		40 g	08057592
Soprano® 14	Dentine B3		100 g	08057593
Soprano® 14	Dentine B4	25 g	25 g	08057594
Soprano® 14	Dentine B4		40 g	08057595
Soprano® 14	Dentine B4		100 g	08057596
Soprano® 14	Enamel E0	25 g	25 g	08057597
Soprano® 14	Enamel E0		40 g	08057598
Soprano® 14	Enamel E0		100 g	08057599
Soprano® 14	Enamel E1	25 g	25 g	08057600
Soprano® 14	Enamel E1		40 g	08057601
Soprano® 14	Enamel E1		100 g	08057602
Soprano® 14	Enamel E2	25 g	25 g	08057506
Soprano® 14	Enamel E2		40 g	08057603
Soprano® 14	Enamel E2		100 g	08057604
Soprano® 14	Enamel E3	25 g	25 g	08057605
Soprano® 14	Enamel E3		40 g	08057606
Soprano® 14	Enamel E3		100 g	08057607
Soprano® 14	Enamel E4	25 g	25 g	08057608
Soprano® 14	Enamel E4		40 g	08057609
Soprano® 14	Enamel E4		100 g	08057610
Soprano® 14	Enamel Clear	25 g	25 g	08057611
Soprano® 14	Enamel Clear		40 g	08057612
Soprano® 14	Enamel Clear		100 g	08057613
Soprano® 14	Opal Effect	15 g	15 g	08057507
Soprano® 14	Opal Effect		25 g	08057614
Soprano® 14	Opal Intensive 1	15 g	15 g	08057615
Soprano® 14	Opal Intensive 1		25 g	08057616
Soprano® 14	Opal Intensive 2	15 g	15 g	08057617
Soprano® 14	Opal Intensive 2		25 g	08057618
Soprano® 14	Opal Intensive 3	15 g	15 g	08057619
Soprano® 14	Opal Intensive 3		25 g	08057620
Soprano® 14	Opal Intensive 4	15 g	15 g	08057621
Soprano® 14	Opal Intensive 4		25 g	08057622
Soprano® 14	Opal Clear	15 g	15 g	08057623

Item	Description	Kit	Refill	Cat. No.
Soprano® 14	Opal Clear		25 g	08057624
Soprano® 14	Enamel Effect clear-white	15 g	15 g	08057509
Soprano® 14	Enamel Effect clear-white		25 g	08057625
Soprano® 14	Enamel Effect sun	15 g	15 g	08057626
Soprano® 14	Enamel Effect sun		25 g	08057627
Soprano® 14	Enamel Effect apricot	15 g	15 g	08057628
Soprano® 14	Enamel Effect apricot		25 g	08057629
Soprano® 14	Enamel Effect amber	15 g	15 g	08057630
Soprano® 14	Enamel Effect amber		25 g	08057631
Soprano® 14	Enamel Effect gray	15 g	15 g	08057632
Soprano® 14	Enamel Effect gray		25 g	08057633
Soprano® 14	Enamel Effect light-blue	15 g	15 g	08057508
Soprano® 14	Enamel Effect light-blue		25 g	08057634
Soprano® 14	Enamel Effect Enhancer amber	15 g	15 g	08057635
Soprano® 14	Enamel Effect Enhancer amber		25 g	08057636
Soprano® 14	Enamel Effect Enhancer dark-gray	15 g	15 g	08057637
Soprano® 14	Enamel Effect Enhancer dark-gray		25 g	08057638
Soprano® 14	Enamel Effect Enhancer pink	15 g	15 g	08057639
Soprano® 14	Enamel Effect Enhancer pink		25 g	08057640
Soprano® 14	Enamel Effect Enhancer blue	15 g	15 g	08057641
Soprano® 14	Enamel Effect Enhancer blue		25 g	08057642
Soprano® 14	Enamel Effect Enhancer orange	15 g	15 g	08057653
Soprano® 14	Enamel Effect Enhancer orange		25 g	08057654
Soprano® 14	Mamelon mango	15 g	15 g	08057655
Soprano® 14	Mamelon mango		25 g	08057656
Soprano® 14	Mamelon cream	15 g	15 g	08057510
Soprano® 14	Mamelon cream		25 g	08057657
Soprano® 14	Cuspid	15 g	15 g	08057658
Soprano® 14	Cuspid		25 g	08057659
Soprano® 14	Fossa	15 g	15 g	08057660
Soprano® 14	Fossa		25 g	08057661
Soprano® 14	Repair Enamel	15 g	15 g	08057662
Soprano® 14	Repair Dentine A0	15 g	15 g	08057663
Soprano® 14	Opaque/Bonder Liquid	25 ml	25 ml	08057664
Soprano®	Modeling Liquid	250 ml	250 ml	08057665
Soprano®	Margin Liquid	50 ml	50 ml	08057666
Soprano®	POWDER Glaze	7 g	7 g	08057667
Soprano®	Stains & Glaze Fluid	25 ml	25 ml	08055283

Shade C-D Kit



The addition to the main product range

The kit contains materials exclusively matched to the shades C and D. This includes the materials Paste Opaquer, Margin, Opaque Dentine and Dentine.

08057668

Soprano® 14	Paste Opaque C1	5 g	5 g	08057669
Soprano® 14	Paste Opaque C2	5 g	5 g	08057670
Soprano® 14	Paste Opaque C3	5 g	5 g	08057671
Soprano® 14	Paste Opaque C4	5 g	5 g	08057672
Soprano® 14	Paste Opaque D2	5 g	5 g	08057673
Soprano® 14	Paste Opaque D3	5 g	5 g	08057674
Soprano® 14	Paste Opaque D4	5 g	5 g	08057675
Soprano® 14	Margin C1	15 g	15 g	08057676
Soprano® 14	Margin C2	15 g	15 g	08057677
Soprano® 14	Margin C3	15 g	15 g	08057678
Soprano® 14	Margin C4	15 g	15 g	08057679

Veneering ceramic.
Soprano® 14.

Item	Description	Kit	Refill	Cat. No.
Soprano® 14	Margin D2	15 g	15 g	08057680
Soprano® 14	Margin D3	15 g	15 g	08057681
Soprano® 14	Margin D4	15 g	15 g	08057682
Soprano® 14	Opaque Dentine C1	15 g	15 g	08057683
Soprano® 14	Opaque Dentine C2	15 g	15 g	08057684
Soprano® 14	Opaque Dentine C3	15 g	15 g	08057685
Soprano® 14	Opaque Dentine C4	15 g	15 g	08057686
Soprano® 14	Opaque Dentine D2	15 g	15 g	08057687
Soprano® 14	Opaque Dentine D3	15 g	15 g	08057688
Soprano® 14	Opaque Dentine D4	15 g	15 g	08057689
Soprano® 14	Dentine C1	25 g	25 g	08057690
Soprano® 14	Dentine C1		40 g	08057691
Soprano® 14	Dentine C2	25 g	25 g	08057692
Soprano® 14	Dentine C2		40 g	08057693
Soprano® 14	Dentine C3	25 g	25 g	08057694
Soprano® 14	Dentine C3		40 g	08057695
Soprano® 14	Dentine C4	25 g	25 g	08057696
Soprano® 14	Dentine C4		40 g	08057697
Soprano® 14	Dentine D2	25 g	25 g	08057698
Soprano® 14	Dentine D2		40 g	08057699
Soprano® 14	Dentine D3	25 g	25 g	08057700
Soprano® 14	Dentine D3		40 g	08057701
Soprano® 14	Dentine D4	25 g	25 g	08057702
Soprano® 14	Dentine D4		40 g	08057703
Soprano®	Modeling Liquid	250 ml	250 ml	08057665

Gingiva	Specialities for gingival supplementation			
Soprano® 14	Paste Opaque Gingiva bright		5 g	08057705
Soprano® 14	Paste Opaque Gingiva dark		5 g	08057706
Soprano® 14	Gingiva light		15 g	08058202
Soprano® 14	Gingiva light		25 g	08058203
Soprano® 14	Gingiva dark		15 g	08057715
Soprano® 14	Gingiva dark		25 g	08057716
Soprano® 14	Gingiva dark-intense		15 g	08058769
Soprano® 14	Gingiva dark-intense		25 g	08058770
Soprano® 14	Gingiva orange		15 g	08058204
Soprano® 14	Gingiva orange		25 g	08058205
Soprano® 14	Gingiva violet		15 g	08057717
Soprano® 14	Gingiva violet		25 g	08057718
Soprano® 14	Gingiva brown		15 g	08058771
Soprano® 14	Gingiva brown		25 g	08058772
Soprano® 14	Gingiva blood		15 g	08058773

Bleaching Kit — **If white is not white enough** — 08057725



The kit contains a comprehensive range of veneering accessories for the realisation of high-quality bleach reconstructions on metal frameworks. Compiled by bleach experts with extensive experience. The kit contains two light-coloured Paste Opaquers with a high degree of coverage, two Margin Opaquers, one Bleach Opaque Dentine, and four Bleach Dentines in different brightness and shades. Various enamels and special materials round off the range.

Soprano® 14	Paste Opaque A00	5 g	5 g	08057726
Soprano® 14	Paste Opaque B00	5 g	5 g	08057727
Soprano® 14	Margin A00	15 g	15 g	08057728

Item	Description	Kit	Refill	Cat. No.
Soprano® 14	Margin B00	15 g	15 g	08057729
Soprano® 14	Bleach Opaque Dentine	25 g	25 g	08057730
Soprano® 14	Bleach Opaque Dentine		40 g	08057731
Soprano® 14	Bleach Opaque Dentine		100 g	08057732
Soprano® 14	Bleach Dentine 1	25 g	25 g	08057733
Soprano® 14	Bleach Dentine 1		40 g	08057734
Soprano® 14	Bleach Dentine 1		100 g	08057735
Soprano® 14	Bleach Dentine 2	25 g	25 g	08057736
Soprano® 14	Bleach Dentine 2		40 g	08057737
Soprano® 14	Bleach Dentine 2		100 g	08057738
Soprano® 14	Bleach Dentine 3	25 g	25 g	08057785
Soprano® 14	Bleach Dentine 3		40 g	08057786
Soprano® 14	Bleach Dentine 3		100 g	08057787
Soprano® 14	Bleach Dentine 4	25 g	25 g	08057757
Soprano® 14	Bleach Dentine 4		40 g	08057758
Soprano® 14	Bleach Dentine 4		100 g	08057759
Soprano® 14	Cuspid	15 g	15 g	08057658
Soprano® 14	Cuspid		25 g	08057659
Soprano® 14	Bleach Enamel 1	25 g	25 g	08057739
Soprano® 14	Bleach Enamel 1		40 g	08057740
Soprano® 14	Bleach Enamel 1		100 g	08057741
Soprano® 14	Bleach Enamel 2	25 g	25 g	08057742
Soprano® 14	Bleach Enamel 2		40 g	08057743
Soprano® 14	Bleach Enamel 2		100 g	08057744
Soprano® 14	Enamel E0	25 g	25 g	08057597
Soprano® 14	Enamel E0		40 g	08057598
Soprano® 14	Enamel E0		100 g	08057599
Soprano® 14	Enamel E1	25 g	25 g	08057600
Soprano® 14	Enamel E1		40 g	08057601
Soprano® 14	Enamel E1		100 g	08057602
Soprano® 14	Enamel Clear	25 g	25 g	08057611
Soprano® 14	Enamel Clear		40 g	08057612
Soprano® 14	Enamel Clear		100 g	08057613
Soprano® 14	Bleach Transpa-white	15 g	15 g	08057800
Soprano® 14	Bleach Transpa-white		25 g	08057801
Soprano® 14	Enamel Effect light-blue	15 g	15 g	08057508
Soprano® 14	Enamel Effect light-blue		25 g	08057634
Soprano® 14	Opal Intensive 2	15 g	15 g	08057617
Soprano® 14	Opal Intensive 2		25 g	08057618
Soprano® 14	Mamelon cream	15 g	15 g	08057510
Soprano® 14	Mamelon cream		25 g	08057657
Soprano®	Modeling Liquid	250 ml	250 ml	08057665
Soprano®	Margin Liquid	50 ml	50 ml	08057666
Soprano®	POWDER Glaze	7 g	7 g	08057667
Soprano®	Stains & Glaze Fluid	25 ml	25 ml	08055283

Soprano® 14 Powder Opaque				
Soprano® 14	Powder Opaque A bright	40 g		08058261
Soprano® 14	Powder Opaque A dark	40 g		08058262
Soprano® 14	Powder Opaque B bright	40 g		08058263
Soprano® 14	Powder Opaque B dark	40 g		08058264
Soprano® 14	Powder Opaque C bright	40 g		08058265
Soprano® 14	Powder Opaque C dark	40 g		08058266
Soprano® 14	Powder Opaque D bright	40 g		08058267
Soprano® 14	Powder Opaque D dark	40 g		08058268
Soprano® 14	Powder Opaque A00	40 g		08058269
Soprano® 14	Powder Opaque B00	40 g		08058270
Soprano® 14	Powder Opaque Liquid	100 ml		08058271

Structure ceramic.
Soprano® Surface.



Characteristics
With Soprano® Surface, we are adding another component to our ceramic portfolio: the ready-to-use ceramic pastes enable the close to natural structuring and colouring of crowns, bridges and gingival reconstructions.
- Ready to use
- Stable structure and colour
- Individual shaping
- Opalescence
- Translucency
- Fluorescence
- Natural
- All-round
- Easy to use

Item	Description	Kit	Refill	Cat. No.
Soprano® Surface Kit				08058206
				
Soprano® Surface	Base 1	4 g	4 g	08058207
Soprano® Surface	Base 3	4 g	4 g	08058208
Soprano® Surface	Base 5	4 g	4 g	08058209
Soprano® Surface	Mamelon mango	4 g	4 g	08058210
Soprano® Surface	Mamelon cream	4 g	4 g	08058211
Soprano® Surface	Mamelon honey	4 g	4 g	08058212
Soprano® Surface	Mamelon salmon	4 g	4 g	08058213
Soprano® Surface	Fossa	4 g	4 g	08058214
Soprano® Surface	Cuspid	4 g	4 g	08058215
Soprano® Surface	Enamel Effect light-blue	4 g	4 g	08058216
Soprano® Surface	Enamel Effect pink	4 g	4 g	08058217
Soprano® Surface	Enamel Effect int.-orange	4 g	4 g	08058218
Soprano® Surface	Enamel Effect sun	4 g	4 g	08058219
Soprano® Surface	Enamel V1	4 g	4 g	08058220
Soprano® Surface	Enamel V2	4 g	4 g	08058221
Soprano® Surface	Enamel V3	4 g	4 g	08058222
Soprano® Surface	Opal	4 g	4 g	08058223
Soprano® Surface	Incisal	4 g	4 g	08058224
Soprano® Surface	Clear	4 g	4 g	08058225
Soprano® Surface	Fluid	25 ml	25 ml	08058226

Item	Description	Kit	Refill	Cat. No.
Soprano® Surface Bleaching Kit				08058237
				
Soprano® Surface	Base 1	4 g	4 g	08058207
Soprano® Surface	Cuspid	4 g	4 g	08058215
Soprano® Surface	Enamel Effect light-blue	4 g	4 g	08058216
Soprano® Surface	Enamel Effect sun	4 g	4 g	08058219
Soprano® Surface	Enamel V1	4 g	4 g	08058220
Soprano® Surface	Enamel V3	4 g	4 g	08058222
Soprano® Surface	Opal	4 g	4 g	08058223
Soprano® Surface	Incisal	4 g	4 g	08058224
Soprano® Surface	Clear	4 g	4 g	08058225
Soprano® Surface	Fluid	25 ml	25 ml	08058226
Soprano®	Flu-Shade Bleach 1 - 2	5 g	5 g	08058238
Soprano®	Flu-Shade Bleach 3 - 4	5 g	5 g	08058239
Soprano®	Flu-Stain snow	5 g	5 g	08058241
Soprano®	Flu-Stain cotton	5 g	5 g	08058242
Soprano®	Flu-Stain cream	5 g	5 g	08058243
Soprano®	Flu-Stain navy-blue	5 g	5 g	08055252
Soprano®	Flu-Stain gray	5 g	5 g	08055254
Soprano®	Glaze Paste	5 g	5 g	08055184
Soprano®	Stains & Glaze Fluid	25 ml	25 ml	08055283

Soprano® Surface Gingiva Intro Kit				08058738
				
Soprano® Surface	Gingiva light	4 g	4 g	08058228
Soprano® Surface	Gingiva dark	4 g	4 g	08058230
Soprano® Surface	Gingiva dark-intense	4 g	4 g	08058740
Soprano® Surface	Gingiva blood	4 g	4 g	08058660
Soprano® Surface	Fluid	25 ml	25 ml	08058226
Soprano®	Stain red	5 g	5 g	08058233
Soprano®	Stain blood	5 g	5 g	08058662

Veneering ceramic.
Soprano® Stain & Glaze.

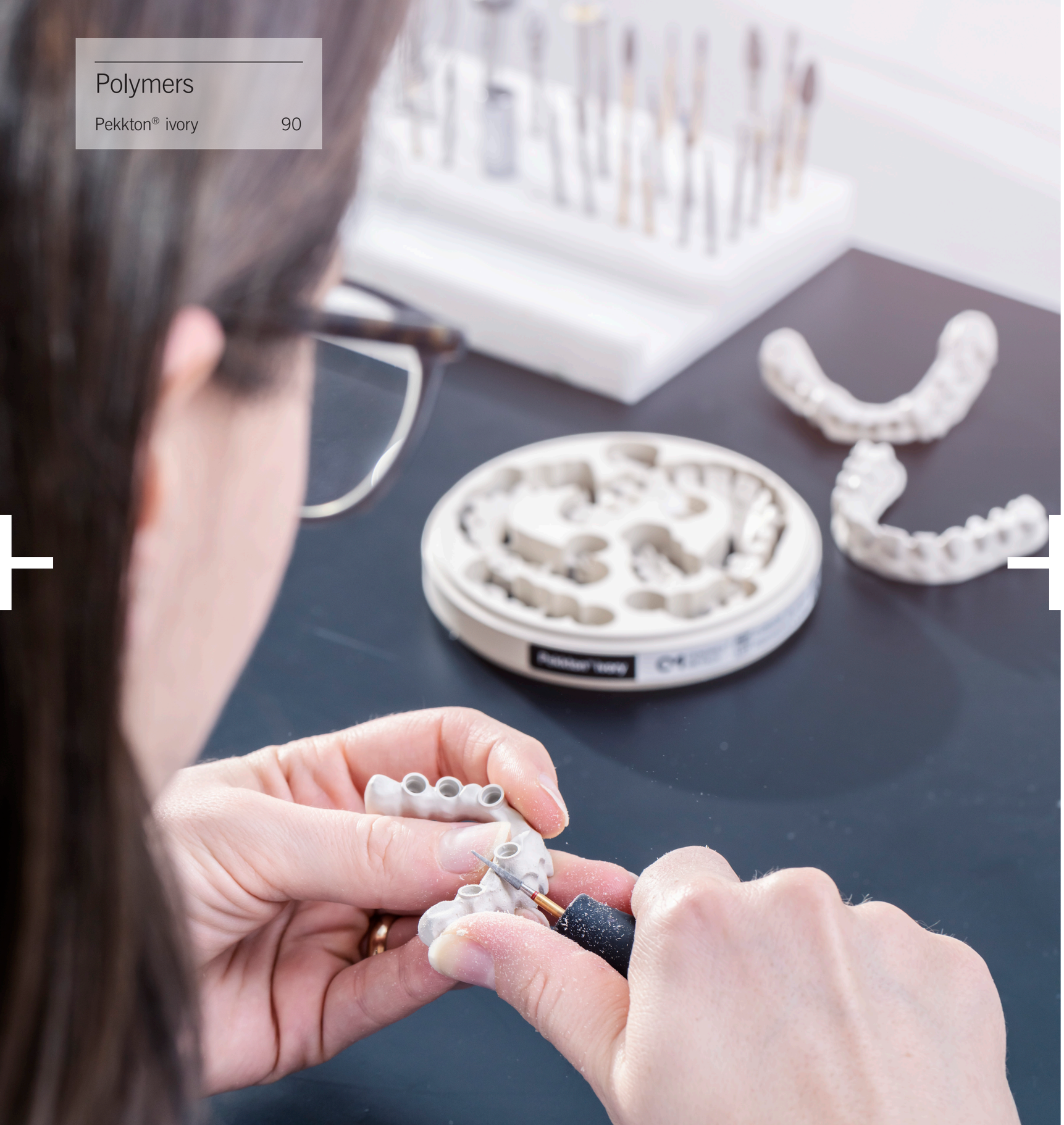
Item	Description	Kit	Refill	Cat. No.
Soprano® Surface Gingiva Kit				08058227
				
Soprano® Surface	Gingiva light	4 g	4 g	08058228
Soprano® Surface	Gingiva violet	4 g	4 g	08058229
Soprano® Surface	Gingiva dark	4 g	4 g	08058230
Soprano® Surface	Gingiva orange	4 g	4 g	08058231
Soprano® Surface	Gingiva brown	4 g	4 g	08058232
Soprano® Surface	Clear	4 g	4 g	08058225
Soprano® Surface	Fluid	25 ml	25 ml	08058226
Soprano®	Stain red	5 g	5 g	08058233
Soprano®	Stain dark-blue	5 g	5 g	08058234
Soprano®	Stain red-brown	5 g	5 g	08058235
Soprano®	Stain orange	5 g	5 g	08058236
Soprano®	Glaze Paste	5 g	5 g	08055184
Soprano®	Stains & Glaze Fluid	25 ml	25 ml	08055283

Soprano® Surface Gingiva Master Kit				08058739
				
Soprano® Surface	Gingiva light	4 g	4 g	08058228
Soprano® Surface	Gingiva violet	4 g	4 g	08058229
Soprano® Surface	Gingiva dark	4 g	4 g	08058230
Soprano® Surface	Gingiva dark-intense	4 g	4 g	08058740
Soprano® Surface	Gingiva orange	4 g	4 g	08058231
Soprano® Surface	Gingiva brown	4 g	4 g	08058232
Soprano® Surface	Gingiva blood	4 g	4 g	08058660
Soprano® Surface	Gingiva root	4 g	4 g	08058661
Soprano® Surface	Gingiva bone	4 g	4 g	08058741
Soprano® Surface	Clear	4 g	4 g	08058225
Soprano® Surface	Fluid	25 ml	25 ml	08058226
Soprano®	Stain red	5 g	5 g	08058233
Soprano®	Stain dark-blue	5 g	5 g	08058234
Soprano®	Stain red-brown	5 g	5 g	08058235
Soprano®	Stain orange	5 g	5 g	08058236
Soprano®	Stain blood	5 g	5 g	08058662
Soprano®	Glaze Paste	5 g	5 g	08055184
Soprano®	Stains & Glaze Fluid	25 ml	25 ml	08055283

Item	Description	Kit	Refill	Cat. No.
Soprano® PASTE Stain & Glaze Universal Kit				08058240
	The kit with a complete and coordinated colour palette with various colours of white up to black. The shades are highly fluorescent and convince with their colour intensity. The basic shades A, B, C and D are also available as stains. The materials can be used universally on zirconium oxide, lithium disilicate and veneering ceramics.			
Soprano®	Flu-Shade A	5 g	5 g	08055181
Soprano®	Flu-Shade B	5 g	5 g	08055245
Soprano®	Flu-Shade C	5 g	5 g	08055246
Soprano®	Flu-Shade D	5 g	5 g	08055247
Soprano®	Flu-Stain white	5 g	5 g	08055248
Soprano®	Flu-Stain snow	5 g	5 g	08058241
Soprano®	Flu-Stain cotton	5 g	5 g	08058242
Soprano®	Flu-Stain cream	5 g	5 g	08058243
Soprano®	Flu-Stain yellow	5 g	5 g	08055249
Soprano®	Flu-Stain mango	5 g	5 g	08058244
Soprano®	Flu-Stain orange	5 g	5 g	08055250
Soprano®	Flu-Stain intense-orange	5 g	5 g	08055251
Soprano®	Flu-Stain champagne	5 g	5 g	08058245
Soprano®	Flu-Stain olive	5 g	5 g	08058246
Soprano®	Stain pink	5 g	5 g	08055255
Soprano®	Flu-Stain shadow	5 g	5 g	08058247
Soprano®	Flu-Stain navy-blue	5 g	5 g	08055252
Soprano®	Flu-Stain dark-blue	5 g	5 g	08055182
Soprano®	Flu-Stain brown	5 g	5 g	08055183
Soprano®	Flu-Stain red-brown	5 g	5 g	08058248
Soprano®	Flu-Stain gray	5 g	5 g	08055254
Soprano®	Flu-Stain black	5 g	5 g	08055253
Soprano®	Glaze Paste	5 g	5 g	08055184
Soprano®	Stains & Glaze Fluid	25 ml	25 ml	08055283
Soprano® *	Flu-Glaze Paste		5 g	08058774

Item	Description	Kit	Refill	Cat. No.
Soprano® POWDER Stain & Glaze Universal Kit				08057745
	Universal powder stains for every ceramic.			
Soprano®	POWDER Flu-Shade A	2 g	2 g	08057511
Soprano®	POWDER Flu-Shade B	2 g	2 g	08057746
Soprano®	POWDER Flu-Shade C	2 g	2 g	08057747
Soprano®	POWDER Flu-Shade D	2 g	2 g	08057748
Soprano®	POWDER Flu-Stain white	2 g	2 g	08057749
Soprano®	POWDER Flu-Stain yellow	2 g	2 g	08057750
Soprano®	POWDER Flu-Stain orange	2 g	2 g	08057751
Soprano®	POWDER Flu-Stain intense-orange	2 g	2 g	08057752
Soprano®	POWDER Flu-Stain dark-blue	2 g	2 g	08057513
Soprano®	POWDER Flu-Stain navy-blue	2 g	2 g	08057753
Soprano®	POWDER Flu-Stain brown	2 g	2 g	08057512
Soprano®	POWDER Flu-Stain black	2 g	2 g	08057754
Soprano®	POWDER Flu-Stain gray	2 g	2 g	08057755
Soprano®	POWDER Flu-Stain pink	2 g	2 g	08057756
Soprano®	POWDER Glaze	7 g	7 g	08057667
Soprano®	Stains & Glaze Fluid	25 ml	25 ml	08055283
Soprano® *	POWDER Flu-Glaze		7 g	08058775

* not included in the kit



Pekkton® ivory.

The high-performance polymer is the solution for a definitive aesthetic restoration on implants. Resembling human bone, Pekkton®ivory convinces with simple biomechanical integration in the mouth. Owing to the low weight of the denture and its ability to absorb loads, patients benefit from completely new wearing comfort. Bone, muscles and mandibular joint are relieved.

The PEKK material used for Pekkton® ivory originates from the PAEK materials family and offers excellent mechanical properties. The high-performance polymer has established itself as a popular material for frameworks in prosthetics, in particular for superstructures. The high-performance polymer is available exclusively from Cendres+Métaux under the brand name Pekkton® ivory.

High-performance polymer.
Pekkton® ivory.



Characteristics
- The material PEKK, the top material among the thermoplastic polyaryletherketones
- Natural wearing comfort, resembling the properties of the body's own materials
- Metal-free, no metallic taste, no release of ions
- High stability at low weight
- Masticatory force-reducing behaviour, up to 3 x less force transfer to peri-implant bone tissue compared to zirconium dioxide
- Suitable for implant-supported restorations
- Veneering with composites, veneer shells, prefabricated teeth or ceramic crowns

Image	Item	Description	Cat. No.
Components			
	**Milling blank 98.5/t12mm**	With steps	01060152
	Milling blank 98.5/t16mm	With steps	01060011
	Milling blank 98.5/t20mm	With steps	01060020
	Milling blank 98.5/t24mm	With steps	01060022
	Milling blank 98.5/t28mm	With steps	01060089
	Milling blank 95/t12mm	Compatible with Zirkonzahn®	01060110
	Milling blank 95/t16mm	Compatible with Zirkonzahn®	01060028
	Milling blank 95/t20mm	Compatible with Zirkonzahn®	01060030
	Milling blank 95/t25mm	Compatible with Zirkonzahn®	01060131
	Milling blank 95/t30mm	Compatible with Zirkonzahn®	01060132

Alloys

Precious metal ceramic alloys 94
Precious metal universal and casting alloys 98
Solders 102
Laser welding wires 102
Round wire 103
Platinum foil 103



Alloys.

The manufacture and distribution of dental alloys are core competencies of Cendres+Métaux. Precious metals offer ideal properties for biocompatible, high-quality and long-lasting dental prostheses. There is hardly a material in dentistry that offers comparable clinical evidence.

Virtually everything is possible: from the fabrication of partial and full crowns to the ceramic veneering of individual crowns or wide-span bridges in the posterior region. Precious metal alloys are also suitable for removable clasp dentures due to their mechanical properties.

Precious metal ceramic alloys.

Colour	Alloys		Cat. No. 10 g	Cat. No. 25 g	Type (ISO 22674)	Pd-free	Cu-free	Ag-free	Indication a	b	c	d	e	f	Composition % Au + Pt metals	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Ga	Ir	Ru	Rh	Fe	Others
Precious metal ceramic alloys																													
	V-Gnathos Plus	***	01000223	01000224	4	✓	✓	✓		■	■	■	■		97.85	85.90	11.70					1.50	0.10		0.05		0.20	0.05	Mn 0.10, Nb 0.40
	Esteticor® Avenir	***	01000246	01000247	4		✓		■	■	■	■	■		97.40	84.00	10.90	2.40	0.20			2.20			0.10			0.20	
	Esteticor® Cosmor H	***	01000235	01000236	4		✓	✓	■	■	■	■	■		96.50	78.50	10.00	7.80					3.50		0.20				
	V-Classic	***	01000220	01000221	4					■	■	■	■		94.06	75.00		19.00	1.00	0.44	2.00	0.50	2.00		0.01	0.05			
	V-Deltaloy	**	01000200	01000201	4		✓			■	■	■	■		85.28	54.20		31.04	4.83				8.99	0.90	0.01	0.03			
	V-Delta Special	**	01000195	01000196	4					■	■	■	■		78.10	52.50		25.54	17.00	0.20	3.50	0.20	1.00		0.02	0.04			
	V-Delta SF	**	01000203	01000204	4		✓	✓		■	■	■	■		90.00	51.50		38.40					8.50	1.50		0.10			
	Esteticor® Economic	**	01000239	01000240	4		✓			■	■	■	■		75.50	50.00	0.45	25.00	19.00		1.00	1.00	3.50		0.05				
	Esteticor® Plus	**	01000179	01000180	4					■	■	■	■		84.10	45.00		38.90	5.00	0.40	0.50		8.60	1.40		0.20			
	Cerapall 6	*	01000188	01000189	4		✓			■	■	■	■		81.60	6.10		75.00	6.40		0.10		5.90	6.00		0.50			
	Esteticor® CC	*	01000175	01000176	4		✓			■	■	■	■	■	64.49	12.00		52.29	23.00		2.00		10.00	0.50		0.20			B 0.01
	Esteticor® Blancor	*	01000208	01000209	4		✓			■	■	■			58.49	1.00		57.29	29.00		1.00		11.00	0.50		0.20			B 0.01
	Esteticor® N2	*	01000184	01000185	4		✓			■	■	■	■	■	67.60	15.20	0.20	52.00	20.00		5.40		6.00	1.00		0.20			
	Ceradelta 2	*	01000170	01000171	4		✓			■	■	■	■	■	61.50			61.45	24.45		10.00	2.00	2.00			0.05			B 0.05
Precious metal ceramic alloys for dental restorative systems on implants																													
	Esteticor® Implant 76	***	01000259	01000260	4		✓	✓		■	■	■	■		96.90	76.80	1.35	18.60			2.90	0.20			0.15				
	Esteticor® Implant 58	**	01000228	01000229	4		✓			■	■	■	■		87.50	58.50		28.85	8.00		4.50				0.05	0.10			
	Esteticor® Implant 32	*	01000191	01000192	4		✓			■	■	■	■		73.00	32.00		40.85	19.00		5.00		3.00			0.15			

Colour
Yellow
Bright yellow
Pale yellow
White

Use

- a: Inlays, onlays, ¾-crowns
- b: Single crowns
- c: Bridges small span widths
- d: Bridges large span widths
- e: Milling work
- f: Clasps, small and large connectors

Gold content		
***	=	High gold content
**	=	Reduced gold content
*	=	Pd-based

Delivery form		
■	=	Casting plates

Precious metal ceramic alloys.

Colour	Alloys		Cat. No. 10 g	Cat. No. 25 g	Physical properties: CTE | $10^{-6}K^{-1}$ (25–500 °C)	CTE (25–600 °C)	Density g/cm^3	Melting range °C	Young's Modulus GPa	Mechanical properties: Hardness HV5 After casting	Hardness HV5 After firing	Proof stress Rp 0.2 % MPa After firing	Yield strength (Rm) MPa After firing	Elongation A5 % After firing	Solders: Before firing		After firing		Laser welding wire
Precious metal ceramic alloys																			
	V-Gnathos Plus	***	01000223	01000224	14.3	14.5	18.8	1025–1190	80	185	215	530	610	6	S.G 1030		S.G 750		LW N° 1
	Esteticor® Avenir	***	01000246	01000247	14.2	14.6	18.7	1055–1185	100	205	240	670	755	6	S.G 1030		S.G 810	S.G 750	LW N° 1
	Esteticor® Cosmor H	***	01000235	01000236	13.8	14.0	17.9	1120–1280	100	195	215	565	705	13	S.G 1080		S.G 810	S.G 750	LW N° 2
	V-Classic	***	01000220	01000221	14.0	14.3	16.4	1135–1270	105	220	250	565	735	15	S.W 1125		S.G 750		LW N° 2
	V-Deltaloy	**	01000200	01000201	14.1	14.3	14.7	1115–1295	125	250	255	635	865	9	S.W 1100	S.G 1080	S.G 750		LW N° 3
	V-Delta Special	**	01000195	01000196	14.7	14.9	14.4	1155–1265	115	205	250	510	705	7	S.W 1100		S.G 750		LW N° 3
	V-Delta SF	**	01000203	01000204	13.6	13.9	14.5	1210–1310	115	225	245	525	790	25	S.W 1125	S.G 1120	S.G 750		LW N° 3
	Esteticor® Economic	**	01000239	01000240	14.8	15.1	14.0	1145–1255	120	205	235	535	750	15	S.W 1100		S.G 810	S.G 750	LW N° 2
	Esteticor® Plus	**	01000179	01000180	13.9	14.2	13.8	1115–1285	135	235	260	580	865	23	S.W 1100		S.G 810	S.G 750	LW N° 2
	Cerapall 6	*	01000188	01000189	13.7	14.0	11.7	1135–1340	120	260	255	530	830	34	S.W 1125	S.G 1120	S.G 750		LW N° 2
	Esteticor® CC	*	01000175	01000176	14.3	14.6	11.8	1200–1305	130	305	260	645	865	9	S.W 1125		S.G 750		LW N° 2
	Esteticor® Blancor	*	01000208	01000209	14.3	14.6	11.3	1205–1310	135	300	260	605	845	13	S.W 1100		S.G 750		LW N° 3
	Esteticor® N2	*	01000184	01000185	14.1	14.4	12.0	1150–1265	120	295	260	565	855	13	S.W 1100		S.G 810	S.G 750	LW N° 3
	Ceradelta 2	*	01000170	01000171	14.2	14.6	11.3	1160–1265	125	315	265	540	760	14	S.G 1120		S.G 750		LW N° 3
Precious metal ceramic alloys for dental restorative systems on implants																			
	Esteticor® Implant 76	***	01000259	01000260	13.7	13.9	16.9	1165–1290	115	205	235	630	785	10	S.G 1055	S.G 1030	S.G 750		LW N° 3
	Esteticor® Implant 58	**	01000228	01000229	13.9	14.0	15.1	1215–1305	120	240	260	610	820	13	S.G 1055	S.G 1030	S.G 750		LW N° 3
	Esteticor® Implant 32	*	01000191	01000192	14.2	14.5	13.1	1215–1290	125	225	240	555	820	17	S.G 1055	S.G 1030	S.G 750		LW N° 3

Colour	Use		
Yellow	 a: Inlays, onlays, ¾-crowns	 c: Bridges small span widths	 e: Milling work
Bright yellow			
Pale yellow	 b: Single crowns	 d: Bridges large span widths	 f: Clasps, small and large connectors
White			

Gold content			Delivery form		
***	=	High gold content	■	=	Casting plates
**	=	Reduced gold content			
*	=	Pd-based			

Precious metal universal and casting alloys.

Colour	Alloys		Cat. No. 10 g	Cat. No. 25 g	Type (ISO 22674)	Pd-free	Cu-free	Indication a	Indication b	Indication c	Indication d	Indication e	Indication f	Composition % Au + Pt metals	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Ir	Others	Physical properties: CTE | $10^{-6}K^{-1}$ (25–500 °C)	CTE | $10^{-6}K^{-1}$ (25–600 °C)	Density g/cm³	Melting range °C	Young's Modulus GPa
Universal alloys																													
	BioEthic	***	01000269	01000270	4	◇	◇	■	■	■	■	■	■	97.87	86.70	10.75		0.03		0.10	1.50	0.20	0.02	Ta 0.30, Rh 0.40	14.5	14.8	19.0	1025–1145	90
Casting alloys																													
	Opticast	***	01000325	01000326	2	✓		■						83.30	83.20			8.00	8.50		0.20		0.10				16.4	915–935	90
	Aurofluid 2 PF	***	01000317	01000318	2	✓		■	■	■				79.06	78.05	0.99		11.50	8.50		0.94		0.02				15.9	895–960	90
	Pontor MPF	***	01000293	01000294	4	✓		■	■	■	■	■	■	75.62	72.00	3.60		13.70	9.78		0.90		0.02				15.5	895–940	90
	Neocast 3	***	01000285	01000286	4	✓		■	■	■	■	■	■	75.40	71.60	3.75		12.70	10.80		1.10		0.05				15.5	890–935	90
	Protor 3	***	01000280	01000281	4			■	■	■	■	■	■	75.35	68.60	2.45	3.95	11.85	10.60		2.50		0.05				15.0	895–960	135
	Dentalor 60	**	01000302	01000303	4			■	■	■	■	■	■	63.50	60.00	0.45	3.00	22.50	12.50		1.50		0.05				13.8	860–900	95
	Solaro 3	**	01000308	01000309	4			■	■	■	■	■	■	61.50	56.00	0.40	5.00	25.00	11.80		1.70		0.10				13.7	875–935	110
	Medior 3	**	01000298	01000299	4			■	■	■	■	■	■	61.00	55.00		5.95	26.00	10.90		2.10			Ru 0.05			13.4	870–925	105
	Solaro 4	**	01000322	01000323	4			■	■	■	■	■	■	49.50	45.00		4.48	41.00	9.50					Ru 0.02			12.9	885–945	85
	Yellow Special	**	01000290	01000291	4			■	■	■	■			43.20	41.00	0.45	1.70	44.90	11.00	0.20	0.70			Ru 0.05			12.5	825–900	90
	Pallorag 33	*	01000306	01000307	4				■	■	■	■		30.00	10.00		20.00	59.50	9.50		1.00						10.9	935–1020	95
	Pagalin 2	*	01000278	01000279	4			■	■	■				26.05	3.00		23.00	65.00	6.45		0.50	2.00	0.05				10.8	975–1070	95

Colour	Use		
Yellow	a: Inlays, onlays, ¾-crowns	c: Bridges small span widths	e: Milling work
Bright yellow	b: Single crowns	d: Bridges large span widths	f: Clasps, small and large connectors
Pale yellow			
White			

◆	=	Can only be veneered with low-melting ceramics with a high CTE
◇	=	Can be veneered with high-melting ceramics with a medium CTE

Gold content			Delivery form		
***	=	High gold content	■	=	Casting plates
**	=	Reduced gold content			
*	=	Ag-based			

Precious metal universal and casting alloys.

Colour	Alloys		Cat. No. 10 g	Cat. No. 25 g	Mechanical properties: Hardness HV5 After casting	Hardness HV5 After firing	Hardness HV5 Soft	Hardness HV5 Hardened	Proof stress Rp 0.2% MPa After casting	Proof stress Rp 0.2% MPa After firing	Proof stress Rp 0.2% MPa Soft	Proof stress Rp 0.2% MPa Hardened	Yield strength (Rm) MPa After casting	Yield strength (Rm) MPa After firing	Yield strength (Rm) MPa Soft	Yield strength (Rm) MPa Hardened	Elongation A5 % After casting	Elongation A5 % After firing	Elongation A5 % Soft	Elongation A5 % Hardened	Solders: Before firing	Solders: After firing		Laser welding wire
Universal alloys																								
	BioEthic	***	01000269	01000270	185	220	95	210	435	525	180	575	550	655	350	660	5	6	29	5	S.G 1030	S.G 810	S.G 750	LW N° 1
																					Main solder	Second solder		
Casting alloys																								
	Opticast	***	01000325	01000326	115		115		215		245		395		355		41		56		S.G 810	S.G 750		LW N° 5
	Aurofluid 2 PF	***	01000317	01000318	140		125	135	280		245	320	425				48		40	30	S.G 810	S.G 750		LW N° 5
	Pontor MPF	***	01000293	01000294	240		150	220	545		320	490	685		465	580	17		38	19	S.G 810	S.G 750		LW N° 5
	Neocast 3	***	01000285	01000286	245		180	240	610		405	635	725		535	750	17		33	14	S.G 810	S.G 750		LW N° 5
	Protor 3	***	01000280	01000281	270		175	275	685		410	680	850		535	780	13		35	12	S.G 810	S.G 750		LW N° 5
	Dentalor 60	**	01000302	01000303	265		170	250	830		475	845	895		580	890	12		48	10	S.G 810	S.G 750		LW N° 6
	Solaro 3	**	01000308	01000309	295		175	260	885		350	600	980				5		30	10	S.G 810	S.G 750		LW N° 6
	Medior 3	**	01000298	01000299	295		170	280	865		435	815	930		560	905	4		35	5	S.G 810	S.G 750		LW N° 6
	Solaro 4	**	01000322	01000323	170		120	215	435		245	610	595		415	755	19		38	12	S.G 810	S.G 750		LW N° 6
	Yellow Special	**	01000290	01000291	160		130	260	400		275	440	515		450	670	20		31	13	S.G 750	S.G 700		LW N° 6
	Pallorag 33	*	01000306	01000307	170		135	230	430		280	615	575		505	810	15		24	9	S.G 810	S.G 750		LW N° 7
	Pagalin 2	*	01000278	01000279	175		135	230	390		250	400	580				22		20	7	S.G 880	S.G 750		LW N° 7

Colour
Yellow
Bright yellow
Pale yellow
White

Use


a: Inlays, onlays, ¾-crowns


b: Single crowns


c: Bridges small span widths


d: Bridges large span widths


e: Milling work


f: Clasps, small and large connectors

◆ = Can only be veneered with low-melting ceramics with a high CTE

◇ = Can be veneered with high-melting ceramics with a medium CTE

Gold content

*** = High gold content

** = Reduced gold content

* = Ag-based

Delivery form

■ = Casting plates

Alloys.

Solders

Colour	Solders													
	Description	Cat. No.	Indications		Melting range	Composition in weight %								
		Solder rod Ø 0.8 mm x 200 mm	A	B	°C	Au + Pt metals	Au	Pt	Pd	Ag	Cu	Zn	Ir	Others
	S.G 750	01000345	A	B	700–750	76.10	75.10	1.00		11.75		12.15		
	S.G 810	01000348	A	B	740–810	76.10	75.10	1.00		14.50		9.40		
	S.G 880	01000355	A		840–880	78.90	75.90	2.90		10.20	5.90	5.00	0.10	
	S.G 1030	01000350	A		990–1040	85.50	85.00	0.45		13.50		1.00	0.05	
	S.G 1055	01000353	A		1020–1070	82.40	80.00	2.40		16.90		0.70		
	S.G 1080	01000347	A		1060–1080	83.00	80.00	3.00		17.00				
	S.G 1120	01000351	A		1040–1120	80.10	75.10		5.00	18.90				Sn 1.00
	S.W 1100	01000346	A		1010–1100	80.50	72.50		7.90	14.50	4.00		0.10	In 1.00
	S.W 1125	01000349	A		1010–1130	95.50	85.00		10.50			4.50		

Colour	Use		
Yellow	A	=	Flame soldering
Bright yellow	B	=	Furnace soldering
Pale yellow			
White			

Laser welding wires

Laser welding wires												
Description	Cat. No.	Melting range	Composition in weight %									
		°C	Au + Pt metals	Au	Pt	Pd	Ag	Cu	Zn	In	Ir	Others
LW N° 1	01000363	1045–1205	98.00	84.50	13.30				1.90		0.10	Rh 0.10, Fe 0.10
LW N° 2	01000358	1120–1250	94.00	75.10		18.85	1.00	0.50	0.50	2.00	0.05	Sn 2.00,
LW N° 3	01000359	1165–1290	96.90	76.80	1.35	18.60			0.20		0.15	Sn 2.90,
LW N° 4	01000360	975–1090	83.50	75.10	8.30		13.80		2.30	0.20	0.10	Ta 0.10, Mn 0.10
LW N° 5	01000361	890–935	75.40	71.60	3.75		12.70	10.80	1.10		0.05	
LW N° 6	01000362	870–920	66.50	63.00	0.50	3.00	20.00	12.00	1.50			Ru <1.00
LW N° 7	01000364	915–1005	79.90	69.90	9.50		13.30	2.90	1.90	2.00	0.10	Rh 0.40

Round wire

Item													Cat. No.
	Colour	Melting range	Composition in weight %							Ø mm	Length mm	Use	
		°C	Au	Pt	Ag	Pd	Cu	Zn	Ir				
Elasticor Wire	pale yellow	950–1050	61.00	13.50	16.50	–	9.00	–	–	1.15	200	Clasps	01000365

Platinum foil

Item					Description	Cat. No.
	Colour	Melting point	Composition in weight %	Thickness mm		
		°C				
Platinum foil	white	1769	99.99	0.02	tension-free, soft annealed Size: 100 x 100 mm Delivery unit: pack of approx. 4 grammes	080609

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Laboratory materials.

Cendres+Métaux offers a variety of products that are used day in day out in the dental laboratory. Our laboratory materials are specialities and complement the main products meaningfully and wherever necessary. The portfolio is designed to support the dental technician in making work steps safer and more efficient.

Laboratory materials.

Model fabrication

Image	Item	Description	Cat. No.
	**Polyurock Kit**	is made of: 1 x Base 1 kg 1 x Catalyst 200 ml 25 Cups 100 ml 25 Cups 50 ml 50 Spatulas	08052138
	**Polyurock Catalyst** **Polyurock Mixer**		08052135 08052137

Modeling

ABF wax
ABF waxes are characterised by their special composition, which guarantees exceptional properties during the manufacturing process:
- Easy to separate (no surface residues).
- Excellent consistency and superior gloss after scraping.
- Quick and easy application.
- Waxes in different degrees of hardness for every application.
- Burn without residue.
- Excellent modelling properties and a high degree of precision.

Image	Item	Description	Colour	Working temperature	Hardness	Cat. No.
	**Universal**	C & B work	blue	65 °C	medium	08052149
	**Creativ light**	Aesthetic Wax-up	beige	66 °C	hard	08052150
	**Creativ dark**	Contrasts	brown	66 °C	hard	08052151
	**Special**	Wax-up und C & B work	grey	66 °C	hard	08052154
	**Margin**	First layers	red	67 °C	medium	08052148
	**Position**	Positioning	orange	20–30 °C	flexible	08052153
	**Tecno**	Milling work	green	64 °C	extra hard	08052152

Creativ
Light and dark: as the name already implies, these waxes enable aesthetic solutions that add character to your wax-up. The light version ensures the basic colouring, the dark version is used as an underlay wax and conveys a shading in the fissures which is typical for a good contrast. These waxes remain opaque in their liquid state.

Special
This wax has a pleasant structure, is very pure and allows optimal visual control.

Tecno
Extra hard milling wax, which is extremely resistant in the edge area and ideal for working with rotating instruments.

Universal
The universal wax par excellence. It is easy to apply in any kind of modelling, especially when creating occlusal surfaces, coronal walls and anchors.

Margin
This extremely stable wax is applied as the first layer on the stump and for the secondary steps in the milling technique. The name highlights the greater stability at marginal edges and stands for a high degree of precision on the stump.

Position
Position wax has a high level of adhesive, which gives excellent results when setting up the elements. Ideal adhesive performance is achieved when a temperature above 20 °C is selected.

Laboratory materials.

Investing

Image	Item	Description	Cat. No.
	**Livento® invest**	Special investment material for lithium disilicate and other pressable ceramics. Fabrication of refractory stumps. Metal casting technique. Powder: Pack with 50 bags of 100 g (5000 g) Liquid: 1000 ml	 08055014 083739

Pressing

Image	Item	Description	Cat. No.
	**Livento® press**	Disposable pressplungers Ø 13 mm Pack of 50 pieces	08055017

Soldering

Image	Item	Description	Cat. No.
	**CM soldering investment**	For producing the soldering block for soldering before and after firing. 4 kg container	080181
	**CM soldering paste**	For soldering of PM-alloys	080229

Polishing

Image	Item	Description	Cat. No.
	**Legabril Diamond**	Legabril Diamond is a mixture of polishing paste and diamond particles for all precious metal and non-precious metal alloys. Particularly suitable for high content gold dental alloys. Legabril Diamond is predestined for the polishing of ceramics and veneering Polymers and thus enables time-saving application in the laboratory. 50 g	08052307

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We reserve the right to change prices at any time.

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- If no reason for complaint is indicated, goods removed from their original packaging will be refused. On request, we will forward goods containing precious metals to the refining department.
- Disassembled parts cannot be credited due to lost traceability.
- The dismantling of products to obtain individual parts is to be refrained from.
- When returning goods, please choose suitable packaging to avoid damage to the goods. Correspondence envelopes are not suitable.
- Please always enclose a copy of the original invoice or delivery note with the return.

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As the application, assembly and use of our products are beyond our sphere of influence and our control, our liability generally extends to defects in material and manufacturing as well as defects that are attributable to incorrect instructions for use on our part. In the event of damage, these defects will be compensated within the scope of our compensation services.

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Replacement parts are all parts that are not permanently connected to the anchor tooth in the mouth. For products that are taken out of the sales program, we still supply spare parts while stocks last and up to a maximum of 10 years.

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