



## **Cendres+ Métaux Medtech General Catalogue.**

The product portfolio for dental  
laboratories and dental practices.





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## Editorial.

Dear customers

Do you associate alloys and Attachments with the name Cendres+Métaux? Of course, and quite rightly so! We rely on our core competencies and are proud to be able to offer you products that have proven themselves over many years.

In addition, we present an attractive portfolio of ceramics and Polymers to meet all the needs of our customers in the various markets.

High quality is our greatest asset and at the same time our promise to you. Our employees perform remarkable work every day and keep this promise. We take pride in the high level of competence in our company.

We distribute our products worldwide. On the website ([www.cmsa.ch](http://www.cmsa.ch)) you can find out more about our distribution network as well as comprehensive information about our products, their benefits and applications.

The new Master Catalogue 2020 gives you an overview of the full range of Cendres+Métaux products. Please do not hesitate to contact us should you have questions, our team is at your service. We look forward to working with you.

Best regards,



**Ronald J. Lenzeder**  
CEO Cendres+Métaux Medtech

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## prosthetic.line

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### Materials

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# esthetic.line

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# Implantology

CM LOC® 07

Dalbo® Abutment 19



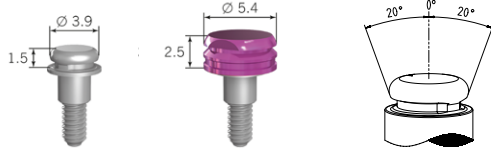
## CM LOC®.

Dentures require a high degree of maximum planning flexibility, durability, wearing comfort and system compatibility. Be it for implant-supported hybrid dentures, as an additional retention element on CAD/CAM milled bars or for the restoration of endodontic situations – the CM LOC® anchor system provides a maximum modular prosthetic system for universal applications. CM LOC® represents flexibility for the clinician and comfort for the patient.

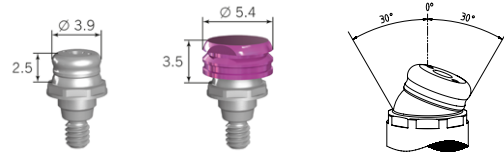
Cendres+Métaux developed a modular abutment concept with improved design to meet the complex and challenging clinical situation of hybrid dentures. The design of the female part with retention inserts made of the high-performance polymer Pekkton® offers good wear resistance, which also enables the restoration of existing Locator®-like abutments. A further advantage of the system is the CM LOC® FLEX. This allows divergences between implant and abutment to be corrected up to 60° ( $\pm$  30°). Thus, the system covers a wide range of clinical applications and simplifies the insertion of dentures.

# CM LOC®.

## CM LOC® Abutment



## CM LOC® Flex Abutment



## CM LOC® CAD/CAM Retention element for bar

















## Characteristics

- Implant anchor of hybrid-supported removable dental prostheses on implants.
- As an additional retaining element on CAD/CAM milled bars.
- User- and patient-friendly application.
- A complete, modular prosthetic system for a wide range of clinical applications.
- Abutment design without central retention hole for better clinical functionality and increased wearing comfort and ease of cleaning.
- Optimised female part design with retention inserts made of the high-performance polymer Pekkton® for good wear resistance.
- Divergences of up to 60° can be compensated to provide stress-free insertion of the denture.
- The CM LOC® and CM LOC® FLEX abutments are available for all common implant systems.

Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Basic Set Titanium</b>	Contents: 2x Housing Titanium for Pekkton® Inserts 2x Retention insert, extra-low 2x Retention insert, low 2x Retention insert, medium 2x Block-out Spacer 2x Processing insert	05003001 05001995 05001314 05001315 05001316 07000202 05001328
<b>Components</b>			
	<b>Abutment</b>	Material: T	Compatible implant systems see page 11
	<b>FLEX Abutment incl. aligner</b>	Material: T	Compatible implant systems see page 11
	<b>Case Guide</b>	Material: T	Compatible implant systems see page 11
	<b>FLEX Case Guide</b>	Material: T	Compatible implant systems see page 11
	<b>CAD/CAM Retention Element, Retention Element for Bar</b>	Material: T	05001304
	<b>Housing Titanium for Pekkton® Inserts</b>	Delivery unit: pack of 4 pieces material: T	05001995



Image	Item	Description	Cat. No.
	<b>Retention insert, extra-low</b>	Delivery unit: pack of 4 pieces Material: P	05001314
	<b>Retention insert, low</b>	Delivery unit: pack of 4 pieces Material: P	05001315
	<b>Retention insert, medium</b>	Delivery unit: pack of 4 pieces Material: P	05001316
	<b>Retention insert, strong</b>	Delivery unit: pack of 4 pieces Material: P	05001317
	<b>Processing insert</b>	Delivery unit: pack of 4 pieces Material: P	05001328
	<b>Housing Pekkton® for Pekkton® Inserts</b>	Delivery unit: pack of 4 pieces Material: P	05001306
<b>Auxiliary parts</b>			
	<b>Spacer</b>	Delivery unit: pack of 4 pieces Material: P	07000201
	<b>Block-out Spacer</b>	Delivery unit: pack of 4 pieces	07000202
	<b>Analog</b>	Delivery unit: pack of 4 pieces	07000204
	<b>Impression part</b>	Delivery unit: pack of 4 pieces	07000213
	<b>FLEX Aligner</b>		07000223
	<b>Multi-tool for Pekkton® Retention insert</b>		07000205
	<b>Screwdriver</b>		07000206
	<b>FLEX Screwdriver</b>		07000222

Attachments

Endodontics

Materials






Ceramics

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Image	Item	Description	Cat. No.
	Housing Extractor		07000217
	Instrument set	Contents: 1x Multi-Tool for Pekkton® Retention insert 1x Screw Driver 1x FLEX Screw Driver 1x Housing Extractor 1 x CM LOC® Parallelometer insert	07000200 07000205 07000206 07000222 07000217 0700 0219
	Torque wrench incl. Driver Handle		07000269
	Torque wrench Driver Handle		07000268
	Torque Wrench Adaptor for Special Tools		07000336

**CM LOC®** root  
canal cap solution

On page 50

# CM LOC®.

Compatible implant systems.

			Platform	Recommended torque	Cat. No.
Straumann®	CM LOC®	Abutment	Straumann® RN 4.8 GH1	35 Ncm	0500 1408
	CM LOC®	Abutment	Straumann® RN 4.8 GH2	35 Ncm	0500 1409
	CM LOC®	Abutment	Straumann® RN 4.8 GH3	35 Ncm	0500 1410
	CM LOC®	Abutment	Straumann® RN 4.8 GH4	35 Ncm	0500 1411
	CM LOC®	Abutment	Straumann® RN 4.8 GH5	35 Ncm	0500 1412
	CM LOC®	Case Guide	Straumann® RN 4.8	–	0500 1578
	CM LOC® FLEX	Abutment	Straumann® RN 4.8 GH1	35 Ncm	0500 1720
	CM LOC® FLEX	Abutment	Straumann® RN 4.8 GH2	35 Ncm	0500 1721
	CM LOC® FLEX	Abutment	Straumann® RN 4.8 GH3	35 Ncm	0500 1722
	CM LOC® FLEX	Abutment	Straumann® RN 4.8 GH4	35 Ncm	0500 1723
	CM LOC® FLEX	Abutment	Straumann® RN 4.8 GH5	35 Ncm	0500 1724
	CM LOC® FLEX	Case Guide	Straumann® RN 4.8	–	0500 1884
	CM LOC®	Abutment	Straumann® RC 4.1 / 4.8 GH1	35 Ncm	0500 1413
	CM LOC®	Abutment	Straumann® RC 4.1 / 4.8 GH2	35 Ncm	0500 1414
	CM LOC®	Abutment	Straumann® RC 4.1 / 4.8 GH3	35 Ncm	0500 1415
	CM LOC®	Abutment	Straumann® RC 4.1 / 4.8 GH4	35 Ncm	0500 1416
	CM LOC®	Abutment	Straumann® RC 4.1 / 4.8 GH5	35 Ncm	0500 1417
	CM LOC®	Case Guide	Straumann® RC 4.1 / 4.8	–	0500 1579
	CM LOC® FLEX	Abutment	Straumann® RC 4.1 / 4.8 GH1	35 Ncm	0500 1725
	CM LOC® FLEX	Abutment	Straumann® RC 4.1 / 4.8 GH2	35 Ncm	0500 1726
	CM LOC® FLEX	Abutment	Straumann® RC 4.1 / 4.8 GH3	35 Ncm	0500 1727
	CM LOC® FLEX	Abutment	Straumann® RC 4.1 / 4.8 GH4	35 Ncm	0500 1728
	CM LOC® FLEX	Abutment	Straumann® RC 4.1 / 4.8 GH5	35 Ncm	0500 1729
	CM LOC® FLEX	Case Guide	Straumann® RC 4.1 / 4.8	–	0500 1885
	CM LOC®	Abutment	Straumann® NNC 3.5 GH1	35 Ncm	0500 1418
	CM LOC®	Abutment	Straumann® NNC 3.5 GH2	35 Ncm	0500 1419
	CM LOC®	Abutment	Straumann® NNC 3.5 GH3	35 Ncm	0500 1420
	CM LOC®	Abutment	Straumann® NNC 3.5 GH4	35 Ncm	0500 1421
	CM LOC®	Abutment	Straumann® NNC 3.5 GH5	35 Ncm	0500 1422
	CM LOC®	Case Guide	Straumann® NNC 3.5	–	0500 1580
	CM LOC®	Abutment	Straumann® NC 3.3 GH1	35 Ncm	0500 2547
	CM LOC®	Abutment	Straumann® NC 3.3 GH2	35 Ncm	0500 2548
	CM LOC®	Abutment	Straumann® NC 3.3 GH3	35 Ncm	0500 2549
CM LOC®	Abutment	Straumann® NC 3.3 GH4	35 Ncm	0500 2550	
CM LOC®	Abutment	Straumann® NC 3.3 GH5	35 Ncm	0500 2551	
CM LOC®	Case Guide	Straumann® NC 3.3	–	0500 2552	

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# CM LOC®.

## Compatible implant systems.

			Platform	Recommended torque	Cat. No.
Nobel Biocare	CM LOC®	Abutment	Nobel Biocare Replace Select® NP 3.5 GH1	35 Ncm	0500 1423
	CM LOC®	Abutment	Nobel Biocare Replace Select® NP 3.5 GH2	35 Ncm	0500 1424
	CM LOC®	Abutment	Nobel Biocare Replace Select® NP 3.5 GH3	35 Ncm	0500 1425
	CM LOC®	Abutment	Nobel Biocare Replace Select® NP 3.5 GH4	35 Ncm	0500 1426
	CM LOC®	Abutment	Nobel Biocare Replace Select® NP 3.5 GH5	35 Ncm	0500 1427
	CM LOC®	Case Guide	Nobel Biocare Replace Select® NP 3.5	–	0500 1581
	CM LOC®	Abutment	Nobel Biocare Replace Select® RP 4.3 GH1	35 Ncm	0500 1296
	CM LOC®	Abutment	Nobel Biocare Replace Select® RP 4.3 GH2	35 Ncm	0500 1300
	CM LOC®	Abutment	Nobel Biocare Replace Select® RP 4.3 GH3	35 Ncm	0500 1301
	CM LOC®	Abutment	Nobel Biocare Replace Select® RP 4.3 GH4	35 Ncm	0500 1302
	CM LOC®	Abutment	Nobel Biocare Replace Select® RP 4.3 GH5	35 Ncm	0500 1303
	CM LOC®	Case Guide	Nobel Biocare Replace Select® RP 4.3	–	0500 1582
	CM LOC® FLEX	Abutment	Nobel Biocare Replace Select® RP 4.3 GH1	35 Ncm	0500 1740
	CM LOC® FLEX	Abutment	Nobel Biocare Replace Select® RP 4.3 GH2	35 Ncm	0500 1741
	CM LOC® FLEX	Abutment	Nobel Biocare Replace Select® RP 4.3 GH3	35 Ncm	0500 1742
	CM LOC® FLEX	Abutment	Nobel Biocare Replace Select® RP 4.3 GH4	35 Ncm	0500 1743
	CM LOC® FLEX	Abutment	Nobel Biocare Replace Select® RP 4.3 GH5	35 Ncm	0500 1744
	CM LOC® FLEX	Case Guide	Nobel Biocare Replace Select® RP 4.3	–	0500 1888
	CM LOC®	Abutment	Nobel Biocare Active® NP 3.5 GH1	35 Ncm	0500 2109
	CM LOC®	Abutment	Nobel Biocare Active® NP 3.5 GH2	35 Ncm	0500 2110
	CM LOC®	Abutment	Nobel Biocare Active® NP 3.5 GH3	35 Ncm	0500 2111
	CM LOC®	Abutment	Nobel Biocare Active® NP 3.5 GH4	35 Ncm	0500 2112
	CM LOC®	Abutment	Nobel Biocare Active® NP 3.5 GH5	35 Ncm	0500 2113
	CM LOC®	Case Guide	Nobel Biocare Active® NP 3.5	–	0500 2187
	CM LOC®	Abutment	Nobel Biocare Active® RP 4.3/5.0 GH1	35 Ncm	0500 1437
	CM LOC®	Abutment	Nobel Biocare Active® RP 4.3/5.0 GH2	35 Ncm	0500 1438
	CM LOC®	Abutment	Nobel Biocare Active® RP 4.3/5.0 GH3	35 Ncm	0500 1439
	CM LOC®	Abutment	Nobel Biocare Active® RP 4.3/5.0 GH4	35 Ncm	0500 1440
	CM LOC®	Abutment	Nobel Biocare Active® RP 4.3/5.0 GH5	35 Ncm	0500 1441
	CM LOC®	Case Guide	Nobel Biocare Active® RP 4.3/5.0	–	0500 1584
	CM LOC® FLEX	Abutment	Nobel Biocare Active® RP 4.3/5.0 GH1	35 Ncm	0500 1750
	CM LOC® FLEX	Abutment	Nobel Biocare Active® RP 4.3/5.0 GH2	35 Ncm	0500 1751
	CM LOC® FLEX	Abutment	Nobel Biocare Active® RP 4.3/5.0 GH3	35 Ncm	0500 1752
	CM LOC® FLEX	Abutment	Nobel Biocare Active® RP 4.3/5.0 GH4	35 Ncm	0500 1753
	CM LOC® FLEX	Abutment	Nobel Biocare Active® RP 4.3/5.0 GH5	35 Ncm	0500 1754
	CM LOC® FLEX	Case Guide	Nobel Biocare Active® RP 4.3/5.0	–	0500 1890
	CM LOC®	Abutment	Nobel Biocare Brånemark® RP 4.0 GH1	35 Ncm	0500 2114
	CM LOC®	Abutment	Nobel Biocare Brånemark® RP 4.0 GH2	35 Ncm	0500 2115
	CM LOC®	Abutment	Nobel Biocare Brånemark® RP 4.0 GH3	35 Ncm	0500 2116
	CM LOC®	Abutment	Nobel Biocare Brånemark® RP 4.0 GH4	35 Ncm	0500 2117
	CM LOC®	Abutment	Nobel Biocare Brånemark® RP 4.0 GH5	35 Ncm	0500 2118
	CM LOC®	Case Guide	Nobel Biocare Brånemark® RP 4.0	–	0500 2188
CM LOC® FLEX	Abutment	Nobel Biocare Brånemark® RP 4.0 GH1	35 Ncm	0500 2261	
CM LOC® FLEX	Abutment	Nobel Biocare Brånemark® RP 4.0 GH2	35 Ncm	0500 2262	
CM LOC® FLEX	Abutment	Nobel Biocare Brånemark® RP 4.0 GH3	35 Ncm	0500 2263	
CM LOC® FLEX	Abutment	Nobel Biocare Brånemark® RP 4.0 GH4	35 Ncm	0500 2264	
CM LOC® FLEX	Abutment	Nobel Biocare Brånemark® RP 4.0 GH5	35 Ncm	0500 2265	
CM LOC® FLEX	Case Guide	Nobel Biocare Brånemark® RP 4.0	–	0500 2309	

			Platform	Recommended torque	Cat. No.
Astra Tech	CM LOC®	Abutment	Astra Tech OsseoSpeed® 3.5/4.0 GH1	25 Ncm	0500 1452
	CM LOC®	Abutment	Astra Tech OsseoSpeed® 3.5/4.0 GH2	25 Ncm	0500 1453
	CM LOC®	Abutment	Astra Tech OsseoSpeed® 3.5/4.0 GH3	25 Ncm	0500 1454
	CM LOC®	Abutment	Astra Tech OsseoSpeed® 3.5/4.0 GH4	25 Ncm	0500 1455
	CM LOC®	Abutment	Astra Tech OsseoSpeed® 3.5/4.0 GH5	25 Ncm	0500 1456
	CM LOC®	Case Guide	Astra Tech OsseoSpeed® 3.5/4.0	–	0500 1587
	CM LOC®	Abutment	Astra Tech OsseoSpeed® 4.5/5.0 GH1	25 Ncm	0500 1457
	CM LOC®	Abutment	Astra Tech OsseoSpeed® 4.5/5.0 GH2	25 Ncm	0500 1458
	CM LOC®	Abutment	Astra Tech OsseoSpeed® 4.5/5.0 GH3	25 Ncm	0500 1459
	CM LOC®	Abutment	Astra Tech OsseoSpeed® 4.5/5.0 GH4	25 Ncm	0500 1460
	CM LOC®	Abutment	Astra Tech OsseoSpeed® 4.5/5.0 GH5	25 Ncm	0500 1461
	CM LOC®	Case Guide	Astra Tech OsseoSpeed® 4.5/5.0	–	0500 1588
	CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® 4.5/5.0 GH1	25 Ncm	0500 1770
	CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® 4.5/5.0 GH2	25 Ncm	0500 1771
	CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® 4.5/5.0 GH3	25 Ncm	0500 1772
	CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® 4.5/5.0 GH4	25 Ncm	0500 1773
	CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® 4.5/5.0 GH5	25 Ncm	0500 1774
	CM LOC® FLEX	Case Guide	Astra Tech OsseoSpeed® 4.5/5.0	–	0500 1894
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 3.6 GH1	25 Ncm	0500 1963
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 3.6 GH2	25 Ncm	0500 1964
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 3.6 GH3	25 Ncm	0500 1965
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 3.6 GH4	25 Ncm	0500 1966
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 3.6 GH5	25 Ncm	0500 1967
	CM LOC®	Case Guide	Astra Tech OsseoSpeed® EV 3.6	–	0500 1981
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 4.2 GH1	25 Ncm	0500 1968
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 4.2 GH2	25 Ncm	0500 1969
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 4.2 GH3	25 Ncm	0500 1970
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 4.2 GH4	25 Ncm	0500 1971
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 4.2 GH5	25 Ncm	0500 1972
	CM LOC®	Case Guide	Astra Tech OsseoSpeed® EV 4.2	–	0500 1982
	CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® EV 4.2 GH1	25 Ncm	0500 1932
	CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® EV 4.2 GH2	25 Ncm	0500 1933
	CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® EV 4.2 GH3	25 Ncm	0500 1934
	CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® EV 4.2 GH4	25 Ncm	0500 1935
	CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® EV 4.2 GH5	25 Ncm	0500 1936
	CM LOC® FLEX	Case Guide	Astra Tech OsseoSpeed® EV 4.2	–	0500 1946
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 4.8 GH1	25 Ncm	0500 1973
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 4.8 GH2	25 Ncm	0500 1974
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 4.8 GH3	25 Ncm	0500 1975
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 4.8 GH4	25 Ncm	0500 1976
	CM LOC®	Abutment	Astra Tech OsseoSpeed® EV 4.8 GH5	25 Ncm	0500 1977
	CM LOC®	Case Guide	Astra Tech OsseoSpeed® EV 4.8	–	0500 1983
CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® EV 4.8 GH1	25 Ncm	0500 1937	
CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® EV 4.8 GH2	25 Ncm	0500 1938	
CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® EV 4.8 GH3	25 Ncm	0500 1939	
CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® EV 4.8 GH4	25 Ncm	0500 1940	
CM LOC® FLEX	Abutment	Astra Tech OsseoSpeed® EV 4.8 GH5	25 Ncm	0500 1941	
CM LOC® FLEX	Case Guide	Astra Tech OsseoSpeed® EV 4.8	–	0500 1947	

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Endodontics

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# CM LOC®.

## Compatible implant systems.

			Platform	Recommended torque	Cat. No.
Zimmer	CM LOC®	Abutment	Zimmer Tapered Screw-Vent® 3.5 GH1	30 Ncm	0500 1462
	CM LOC®	Abutment	Zimmer Tapered Screw-Vent® 3.5 GH2	30 Ncm	0500 1463
	CM LOC®	Abutment	Zimmer Tapered Screw-Vent® 3.5 GH3	30 Ncm	0500 1464
	CM LOC®	Abutment	Zimmer Tapered Screw-Vent® 3.5 GH4	30 Ncm	0500 1465
	CM LOC®	Abutment	Zimmer Tapered Screw-Vent® 3.5 GH5	30 Ncm	0500 1466
	CM LOC®	Case Guide	Zimmer Tapered Screw-Vent® 3.5	–	0500 1589
	CM LOC®	Abutment	Zimmer Tapered Screw-Vent® 4.5 GH1	30 Ncm	0500 1467
	CM LOC®	Abutment	Zimmer Tapered Screw-Vent® 4.5 GH2	30 Ncm	0500 1468
	CM LOC®	Abutment	Zimmer Tapered Screw-Vent® 4.5 GH3	30 Ncm	0500 1469
	CM LOC®	Abutment	Zimmer Tapered Screw-Vent® 4.5 GH4	30 Ncm	0500 1470
	CM LOC®	Abutment	Zimmer Tapered Screw-Vent® 4.5 GH5	30 Ncm	0500 1471
	CM LOC®	Case Guide	Zimmer Tapered Screw-Vent® 4.5	–	0500 1590
	CM LOC® FLEX	Abutment	Zimmer Tapered Screw-Vent® 4.5 GH1	30 Ncm	0500 1780
	CM LOC® FLEX	Abutment	Zimmer Tapered Screw-Vent® 4.5 GH2	30 Ncm	0500 1781
	CM LOC® FLEX	Abutment	Zimmer Tapered Screw-Vent® 4.5 GH3	30 Ncm	0500 1782
	CM LOC® FLEX	Abutment	Zimmer Tapered Screw-Vent® 4.5 GH4	30 Ncm	0500 1783
	CM LOC® FLEX	Abutment	Zimmer Tapered Screw-Vent® 4.5 GH5	30 Ncm	0500 1784
	CM LOC® FLEX	Case Guide	Zimmer Tapered Screw-Vent® 4.5	–	0500 1896
	MiS® (standard narrow)	CM LOC®	Abutment	MiS® Seven 3.5 GH1	30 Ncm
CM LOC®		Abutment	MiS® Seven 3.5 GH2	30 Ncm	0500 1463
CM LOC®		Abutment	MiS® Seven 3.5 GH3	30 Ncm	0500 1464
CM LOC®		Abutment	MiS® Seven 3.5 GH4	30 Ncm	0500 1465
CM LOC®		Abutment	MiS® Seven 3.5 GH5	30 Ncm	0500 1466
CM LOC®		Case Guide	MiS® Seven 3.5	–	0500 1589
MiS® (wide platform)	CM LOC®	Abutment	MiS® Seven 4.5 GH1	30 Ncm	0500 1467
	CM LOC®	Abutment	MiS® Seven 4.5 GH2	30 Ncm	0500 1468
	CM LOC®	Abutment	MiS® Seven 4.5 GH3	30 Ncm	0500 1469
	CM LOC®	Abutment	MiS® Seven 4.5 GH4	30 Ncm	0500 1470
	CM LOC®	Abutment	MiS® Seven 4.5 GH5	30 Ncm	0500 1471
	CM LOC®	Case Guide	MiS® Seven 4.5	–	0500 1590
	CM LOC® FLEX	Abutment	MiS® Seven 4.5 GH1	30 Ncm	0500 1780
	CM LOC® FLEX	Abutment	MiS® Seven 4.5 GH2	30 Ncm	0500 1781
	CM LOC® FLEX	Abutment	MiS® Seven 4.5 GH3	30 Ncm	0500 1782
	CM LOC® FLEX	Abutment	MiS® Seven 4.5 GH4	30 Ncm	0500 1783
	CM LOC® FLEX	Abutment	MiS® Seven 4.5 GH5	30 Ncm	0500 1784
	CM LOC® FLEX	Case Guide	MiS® Seven 4.5	–	0500 1896



			Platform	Recommended torque	Cat. No.
BioHorizons®	CM LOC®	Abutment	BioHorizons® Internal 3.5 GH1	30 Ncm	0500 1462
	CM LOC®	Abutment	BioHorizons® Internal 3.5 GH2	30 Ncm	0500 1463
	CM LOC®	Abutment	BioHorizons® Internal 3.5 GH3	30 Ncm	0500 1464
	CM LOC®	Abutment	BioHorizons® Internal 3.5 GH4	30 Ncm	0500 1465
	CM LOC®	Abutment	BioHorizons® Internal 3.5 GH5	30 Ncm	0500 1466
	CM LOC®	Case Guide	BioHorizons® Internal 3.5	–	0500 1589
	CM LOC®	Abutment	BioHorizons® Internal 4.5 GH1	30 Ncm	0500 1467
	CM LOC®	Abutment	BioHorizons® Internal 4.5 GH2	30 Ncm	0500 1468
	CM LOC®	Abutment	BioHorizons® Internal 4.5 GH3	30 Ncm	0500 1469
	CM LOC®	Abutment	BioHorizons® Internal 4.5 GH4	30 Ncm	0500 1470
	CM LOC®	Abutment	BioHorizons® Internal 4.5 GH5	30 Ncm	0500 1471
	CM LOC®	Case Guide	BioHorizons® Internal 4.5	–	0500 1590
	CM LOC® FLEX	Abutment	BioHorizons® Internal 4.5 GH1	30 Ncm	0500 1780
	CM LOC® FLEX	Abutment	BioHorizons® Internal 4.5 GH2	30 Ncm	0500 1781
	CM LOC® FLEX	Abutment	BioHorizons® Internal 4.5 GH3	30 Ncm	0500 1782
	CM LOC® FLEX	Abutment	BioHorizons® Internal 4.5 GH4	30 Ncm	0500 1783
	CM LOC® FLEX	Abutment	BioHorizons® Internal 4.5 GH5	30 Ncm	0500 1784
	CM LOC® FLEX	Case Guide	BioHorizons® Internal 4.5	–	0500 1896
Camlog®	CM LOC®	Abutment	Camlog® 3.8 GH1	30 Ncm	0500 1544
	CM LOC®	Abutment	Camlog® 3.8 GH2	30 Ncm	0500 1545
	CM LOC®	Abutment	Camlog® 3.8 GH3	30 Ncm	0500 1546
	CM LOC®	Abutment	Camlog® 3.8 GH4	30 Ncm	0500 1547
	CM LOC®	Case Guide	Camlog® 3.8	–	0500 1591
	CM LOC® FLEX	Abutment	Camlog® 3.8 GH1	30 Ncm	0500 1790
	CM LOC® FLEX	Abutment	Camlog® 3.8 GH2	30 Ncm	0500 1791
	CM LOC® FLEX	Abutment	Camlog® 3.8 GH3	30 Ncm	0500 1792
	CM LOC® FLEX	Abutment	Camlog® 3.8 GH4	30 Ncm	0500 1793
	CM LOC® FLEX	Case Guide	Camlog® 3.8	–	0500 1897
	CM LOC®	Abutment	Camlog® 4.3 GH1	30 Ncm	0500 1549
	CM LOC®	Abutment	Camlog® 4.3 GH2	30 Ncm	0500 1550
	CM LOC®	Abutment	Camlog® 4.3 GH3	30 Ncm	0500 1551
	CM LOC®	Abutment	Camlog® 4.3 GH4	30 Ncm	0500 1552
	CM LOC®	Case Guide	Camlog® 4.3	–	0500 1592
	CM LOC® FLEX	Abutment	Camlog® 4.3 GH1	30 Ncm	0500 1795
	CM LOC® FLEX	Abutment	Camlog® 4.3 GH2	30 Ncm	0500 1796
	CM LOC® FLEX	Abutment	Camlog® 4.3 GH3	30 Ncm	0500 1797
	CM LOC® FLEX	Abutment	Camlog® 4.3 GH4	30 Ncm	0500 1798
	CM LOC® FLEX	Case Guide	Camlog® 4.3	–	0500 1898
	CM LOC®	Abutment	Conelog® 3.8/4.3 GH1	30 Ncm	0500 1482
	CM LOC®	Abutment	Conelog® 3.8/4.3 GH2	30 Ncm	0500 1483
	CM LOC®	Abutment	Conelog® 3.8/4.3 GH3	30 Ncm	0500 1484
	CM LOC®	Abutment	Conelog® 3.8/4.3 GH4	30 Ncm	0500 1485
	CM LOC®	Abutment	Conelog® 3.8/4.3 GH5	30 Ncm	0500 1486
	CM LOC®	Case Guide	Conelog® 3.8/4.3	–	0500 1594
	CM LOC® FLEX	Abutment	Conelog® 3.8/4.3 GH1	30 Ncm	0500 1805
	CM LOC® FLEX	Abutment	Conelog® 3.8/4.3 GH2	30 Ncm	0500 1806
	CM LOC® FLEX	Abutment	Conelog® 3.8/4.3 GH3	30 Ncm	0500 1807
	CM LOC® FLEX	Abutment	Conelog® 3.8/4.3 GH4	30 Ncm	0500 1808
	CM LOC® FLEX	Abutment	Conelog® 3.8/4.3 GH5	30 Ncm	0500 1809
	CM LOC® FLEX	Case Guide	Conelog® 3.8/4.3	–	0500 1899

Attachments

Endodontics

Materials

Ceramics

Polymers

Alloys

Laboratory materials

Miscellaneous

# CM LOC®.

## Compatible implant systems.

			Platform	Recommended torque	Cat. No.
Dentsply	CM LOC®	Abutment	Dentsply Ankylos® C 3.5, 4.5, 5.5, 7.0 GH1	25 Ncm	05002014
	CM LOC®	Abutment	Dentsply Ankylos® C 3.5, 4.5, 5.5, 7.0 GH2	25 Ncm	05002015
	CM LOC®	Abutment	Dentsply Ankylos® C 3.5, 4.5, 5.5, 7.0 GH3	25 Ncm	05002016
	CM LOC®	Abutment	Dentsply Ankylos® C 3.5, 4.5, 5.5, 7.0 GH4	25 Ncm	05002017
	CM LOC®	Abutment	Dentsply Ankylos® C 3.5, 4.5, 5.5, 7.0 GH5	25 Ncm	05002018
	CM LOC®	Case Guide	Dentsply Ankylos® C 3.5, 4.5, 5.5, 7.0	–	05002020
	CM LOC® FLEX	Abutment	Dentsply Ankylos® C 4.5, 5.5, 7.0 GH1	25 Ncm	05002002
	CM LOC® FLEX	Abutment	Dentsply Ankylos® C 4.5, 5.5, 7.0 GH2	25 Ncm	05002003
	CM LOC® FLEX	Abutment	Dentsply Ankylos® C 4.5, 5.5, 7.0 GH3	25 Ncm	05002004
	CM LOC® FLEX	Abutment	Dentsply Ankylos® C 4.5, 5.5, 7.0 GH4	25 Ncm	05002005
	CM LOC® FLEX	Abutment	Dentsply Ankylos® C 4.5, 5.5, 7.0 GH5	25 Ncm	05002006
	CM LOC® FLEX	Case Guide	Dentsply Ankylos® C 4.5, 5.5, 7.0	–	05002008
Sweden+Martina	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.3 GH1	30 Ncm	05002119
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.3 GH2	30 Ncm	05002120
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.3 GH3	30 Ncm	05002121
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.3 GH4	30 Ncm	05002122
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.3 GH5	30 Ncm	05002123
	CM LOC®	Case Guide	Sweden+Martina Premium Kohno 3.3	–	05002189
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.8 GH1	30 Ncm	05002124
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.8 GH2	30 Ncm	05002125
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.8 GH3	30 Ncm	05002126
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.8 GH4	30 Ncm	05002127
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.8 GH5	30 Ncm	05002128
	CM LOC®	Case Guide	Sweden+Martina Premium Kohno 3.8	–	05002190
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 3.8 GH1	30 Ncm	05002266
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 3.8 GH2	30 Ncm	05002267
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 3.8 GH3	30 Ncm	05002268
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 3.8 GH4	30 Ncm	05002269
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 3.8 GH5	30 Ncm	05002270
	CM LOC® FLEX	Case Guide	Sweden+Martina Premium Kohno 3.8	–	05002310
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 4.25 GH1	30 Ncm	05002129
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 4.25 GH2	30 Ncm	05002130
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 4.25 GH3	30 Ncm	05002131
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 4.25 GH4	30 Ncm	05002132
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 4.25 GH5	30 Ncm	05002133
	CM LOC®	Case Guide	Sweden+Martina Premium Kohno 4.25/5.0/6.0	–	05002192
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 4.25 GH1	30 Ncm	05002271
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 4.25 GH2	30 Ncm	05002272
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 4.25 GH3	30 Ncm	05002273
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 4.25 GH4	30 Ncm	05002274
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 4.25 GH5	30 Ncm	05002275
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH1	30 Ncm	05002134
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH2	30 Ncm	05002135
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH3	30 Ncm	05002136
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH4	30 Ncm	05002137
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH5	30 Ncm	05002138
	CM LOC®	Case Guide	Sweden+Martina Premium Kohno 4.25/5.0/6.0	–	05002192
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH1	30 Ncm	05002276
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH2	30 Ncm	05002277
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH3	30 Ncm	05002278
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH4	30 Ncm	05002279
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH5	30 Ncm	05002280
CM LOC® FLEX	Case Guide	Sweden+Martina Premium Kohno 4.25/5.0/6.0	–	05002312	

			Platform	Recommended torque	Cat. No.
Osstem®	CM LOC®	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH1	30 Ncm	05002159
	CM LOC®	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH2	30 Ncm	05002160
	CM LOC®	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH3	30 Ncm	05002161
	CM LOC®	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH4	30 Ncm	05002162
	CM LOC®	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH5	30 Ncm	05002163
	CM LOC®	Case Guide	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0	–	05002197
	CM LOC® FLEX	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH1	30 Ncm	05002566
	CM LOC® FLEX	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH2	30 Ncm	05002567
	CM LOC® FLEX	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH3	30 Ncm	05002568
	CM LOC® FLEX	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH4	30 Ncm	05002569
	CM LOC® FLEX	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH5	30 Ncm	05002570
	CM LOC® FLEX	Case Guide	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0	–	05002586
	CM LOC®	Abutment	Osstem® TS Mini 3.5 GH1	30 Ncm	05002590
	CM LOC®	Abutment	Osstem® TS Mini 3.5 GH2	30 Ncm	05002591
	CM LOC®	Abutment	Osstem® TS Mini 3.5 GH3	30 Ncm	05002592
	CM LOC®	Abutment	Osstem® TS Mini 3.5 GH4	30 Ncm	05002593
	CM LOC®	Abutment	Osstem® TS Mini 3.5 GH5	30 Ncm	05002594
	CM LOC®	Case Guide	Osstem® TS Mini 3.5	–	05002596
	CM LOC®	Abutment	Osstem® US Regular 4.1 GH1	30 Ncm	05002154
	CM LOC®	Abutment	Osstem® US Regular 4.1 GH2	30 Ncm	05002155
	CM LOC®	Abutment	Osstem® US Regular 4.1 GH3	30 Ncm	05002156
	CM LOC®	Abutment	Osstem® US Regular 4.1 GH4	30 Ncm	05002157
	CM LOC®	Abutment	Osstem® US Regular 4.1 GH5	30 Ncm	05002158
	CM LOC®	Case Guide	Osstem® US Regular 4.1	–	05002196
	CM LOC®	Abutment	Osstem® SS Regular 4.8 GH1	30 Ncm	05002149
	CM LOC®	Abutment	Osstem® SS Regular 4.8 GH2	30 Ncm	05002150
	CM LOC®	Abutment	Osstem® SS Regular 4.8 GH3	30 Ncm	05002151
	CM LOC®	Abutment	Osstem® SS Regular 4.8 GH4	30 Ncm	05002152
	CM LOC®	Abutment	Osstem® SS Regular 4.8 GH5	30 Ncm	05002153
	CM LOC®	Case Guide	Osstem® SS Regular 4.8	–	05002195

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Attachments

Endodontics

Materials

Ceramics

Polymers

Alloys

Laboratory materials

Miscellaneous

# Implantology

CM LOC® 07  
Dalbo® Abutment 19







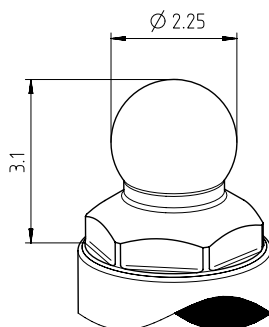
## Dalbo® Abutment.

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.
<b>Components</b>			
	<b>Abutment</b>	Material: T	Compatible implant systems see page 22
	<b>CAD/CAM Retention Element, Retention Element for Bar</b>	Retention element for bar Material: T	05002599
<b>Auxiliary parts</b>			
	<b>Abutment Analogue</b>	Delivery unit: pack of 4 pieces Material: T	07000312
	<b>Abutment screw driver</b>	Screwdriver for Dalbo® Abutment Material: T	07000266
	<b>Torque wrench incl. Driver Handle</b>		07000269
	<b>Torque wrench Driver Handle</b>		07000268
	<b>Torque Wrench Adaptor for Special Tools</b>		07000336

Image	Item	Description	Cat. No.
<b>Compatible female parts for the Dalbo® Abutment</b>			
	<b>Dalbo® PLUS</b>	The top and comfort model	See page 42
	<b>Dalbo® Classic</b>	The space miracle	See page 44
	<b>Dalbo® B</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.

Attachments

Endodontics

Materials

Ceramics

Polymers

Alloys

Laboratory materials

Miscellaneous

# 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



			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

Endodontics

Materials

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Laboratory materials

Miscellaneous

## 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.

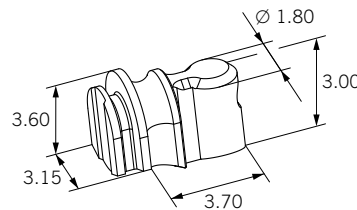
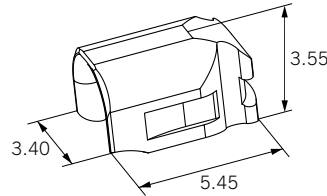
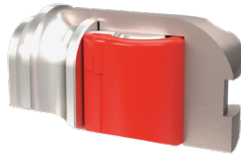
### Slide attachment anchored partial dentures – advantages

- 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.

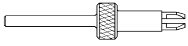


Adjustable, extracoronal friction-retained slide attachment.



## Characteristics

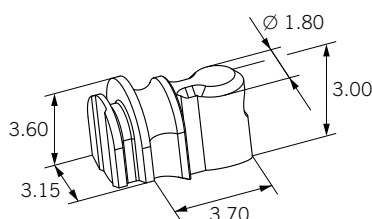
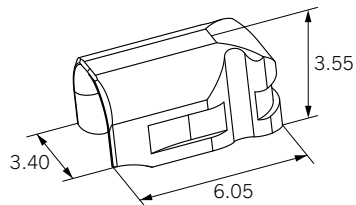
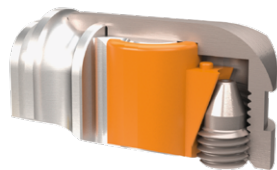
- Guide grooves integrated in the attachment
- Can be activated by replacing plastic inserts
- Significant time savings of up to 40 % (!) by eliminating the fabrication of custom-milled guide grooves
- Compact design with rounded edges:
  - saves time
  - optimises aesthetics
- The extracoronal position 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.
<b>Complete parts</b>			
	<b>M-SG® Star 1 TC for casting on</b>	Male part cast-on	05000429
	<b>M-SG® Star 1 TK for casting</b>	Male part burn-out	05000432
	<b>M-SG® Star 1 MK for casting</b>	Male part burn-out	05000673
		A friction insert G red (055 356) is mounted, and a friction insert yellow (055 691) and red (055 356), as well as a duplicating aid G (0700 0040) are included.	
<b>Components</b>			
	<b>Female part T</b>	For bonding or polymerisation	05000433
	<b>Female part M</b>	For bonding, lasering, soldering or polymerisation	05000674
		A friction insert G red (055 356) is mounted, and a friction insert yellow (055 691) and red (055 356), as well as a duplicating aid G (0700 0040) are included.	
	<b>Friction inserts G</b>	Delivery unit: pack of 5 pieces	
	Yellow (smooth friction)	approx. 300 g	055 691
	Red (normal friction)	approx. 600 g	055 356
	Green (strong friction)	approx. 900 g	055 357
	Blue (extra-strong friction)	> 1200g	055 358
	<b>Male part C</b>	Cast-on	05000407
	<b>Male part K</b>	Burn-out plastic	05000410
<b>Auxiliary parts</b>			
	<b>Duplicating aid G</b>	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
	<b>Transfer jig</b>	Manipulation male part for fabricating the master model	07000042

Image	Item	Description	Cat. No.
<b>Auxiliary instruments</b>			
	<b>Special parallelometer insert</b>	Used to place the male part	072627
	<b>Insert remover</b>	For removing the friction insert	0700056
	<b>Tweezers</b>	For inserting and removing the friction insert	070347

# M-SG® Star 2.

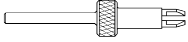


## Screw-activated, extracoronal friction-retained slide attachment.



### Characteristics

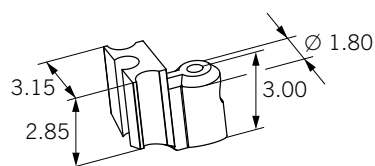
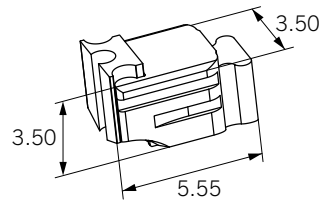
- Guide grooves integrated in the attachment
- Screw-activated plastic inserts
- Significant time savings of up to 40 % (!) by eliminating the fabrication of a custom-milled bracing arm
- Compact design with rounded edges:
  - saves time
  - optimises aesthetics
- The extracoronal position enables a 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.
<b>Complete parts</b>			
	<b>M-SG® Star 2 TC for casting on</b>	Male part cast-on	0500 0411
	<b>M-SG® Star 2 TK casting</b>	Male part burn-out	0500 0413
		A friction insert orange (055 774) is mounted, and a friction insert orange (055 774) and a friction insert violet (055 811) are enclosed, as well as a duplicating aid G (0700 0041).	
<b>Components</b>			
	<b>Female part T</b>	Female part for bonding or polymerisation	0500 0414
		A friction insert orange (055 774) is mounted, and a friction insert orange (055 774) and a friction insert violet (055 811) are enclosed, as well as a duplicating aid G (0700 0041).	
	<b>Friction insert G</b>	Delivery unit: pack of 5 pieces	
	Orange (normal friction)	Friction tolerance: 100 – approx. 600 g	055 774
	Violet (strong friction)	Friction tolerance: 500 – approx. 1000 g	055 811
	<b>Activating screw T</b>	For fine adjustment of friction	055 775
	<b>Male part C</b>	Cast-on	0500 0407
	<b>Male part K</b>	Burn-out plastic	0500 0410
<b>Auxiliary parts</b>			
	<b>Duplicating aid G</b>	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.	0700 0041
	<b>Transfer jig</b>	Manipulation male part for fabricating the master model	0700 0042

Image	Item	Description	Cat. No.
<b>Auxiliary instruments</b>			
	<b>Special parallelometer insert</b>	Used to place the male part	072 627
	<b>Screwdriver/activator</b>	Multifunctional. Is used to screw in and unscrew as well as to activate and deactivate	072 653
	<b>Tweezers</b>	For inserting and removing the friction insert	070 347

# 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






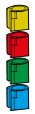



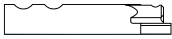
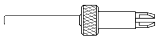


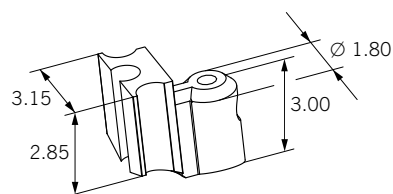
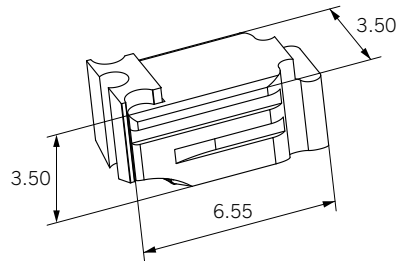
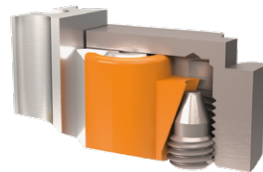
Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Mini-SG® F/R TV</b>	Male part cast-on	055 534
	<b>Mini-SG® F/R TC</b>	Male part cast-on	055 543
	<b>Mini-SG® F/R TK</b>	Male part burn-out	055 532
	<b>Mini-SG® F/R CC</b>	Male part and female part cast-on	055 675
	<b>Mini-SG® F/R CK</b>	Male part burn-out, female part cast-on	055 699
<p>Mounted with friction insert red (055 356). In addition, a friction insert yellow (055 691) and red (055 356) as well as a retention insert orange (055 718) and violet (055 766) are included.</p>			
<b>Components</b>			
	<b>Female part T</b>	For bonding or polymerisation.	055 531
	<b>Female part C</b>	For soldering or cast-on	055 677
<p>Mounted with friction insert red (055 356). In addition, a friction insert yellow (055 691) and red (055 356) as well as a retention insert orange (055 718) and violet (055 766) are included.</p>			
	<b>Tuning female part E</b>	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.	055 925
<p>Mounted with friction insert yellow (055 691), the friction inserts red (055 356), green (055 357) and blue (055 358) are included.</p>			
	<b>Friction inserts G</b>	Delivery unit: pack of 5 pieces	
	Yellow (smooth friction)	approx. 300 g	055 691
	Red (normal friction)	approx. 600 g	055 356
	Green (strong friction)	approx. 900 g	055 357
	Blue (extra-strong friction)	> 1200 g	055 358
	<b>Retention inserts G</b>	Delivery unit: pack of 5 pieces	
	Orange (normal retention)	500–800 g	055 718
	Violet (strong retention)	> 800 g	055 766
	<b>Male part V</b>	Cast-on	055 517
	<b>Male part C</b>	Cast-on	055 544
	<b>Male part K</b>	Burn-out plastic	055 529



Image	Item	Description	Cat. No.
<b>Auxiliary parts</b>			
	<b>Duplicating aid G</b>	Is included automatically when ordering the TV, TC and TK variants. 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.	072 600
	<b>Transfer jig</b>	For fabricating the master model	072 616
<b>Auxiliary instruments</b>			
	<b>Special parallelometer insert</b>	Used to place the male part	072 627
	<b>Insert remover</b>	For removing the friction insert	072 483
	<b>Tweezers</b>	For inserting and removing the friction insert	070 347

# Mini-SG® PLUS.

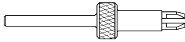

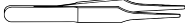
Extracoronaral, screw-activated slide attachment.



## Characteristics

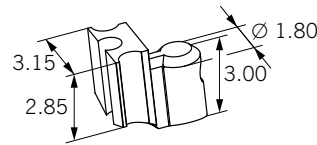
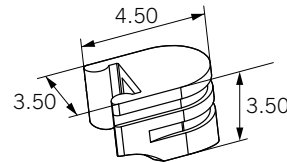
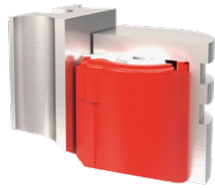
- Guide grooves integrated in the attachment
- Significant time and cost savings in processing of up to 40 % (!) due to integrated guide grooves
- Low-maintenance functional principle – gentle, low-abrasion friction in the plastic
- Patients consider friction in plastic extremely pleasant.
- The denture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

Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Mini-SG® PLUS TV</b>	Male part cast-on	055802
	<b>Mini-SG® PLUS TK</b>	Male part burn-out	055804
		Includes housing T, an activation screw T (055 775), one friction insert G each orange (055 774) and violet (055 811), incl. duplicating aid G (072 649).	
<b>Components</b>			
	<b>Female part T</b>	Includes housing T, an activation screw T (055 775), one friction insert G each orange (055 774) and violet (055 811), incl. duplicating aid G (072 649).	055807
	<b>Friction insert G</b>	Delivery unit: pack of 5 pieces	
	Orange (normal friction)	Friction tolerance: 100 – approx. 600g	055774
	Violet (strong friction)	Friction tolerance: 500 – approx. 1000g	055811
	<b>Activating screw T</b>	For fine adjustment of friction	055775
	<b>Male part V</b>	Cast-on	055517
	<b>Male part K</b>	Burn-out plastic	055529
<b>Auxiliary parts</b>			
	<b>Duplicating aid G</b>	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
	<b>Transfer jig</b>	For fabricating the master model	072616

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

# Mini-SG®.

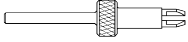


Extracoronar, adjustable friction-grip attachment.



### Characteristics

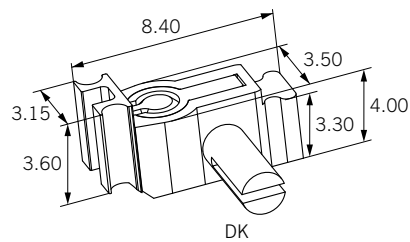
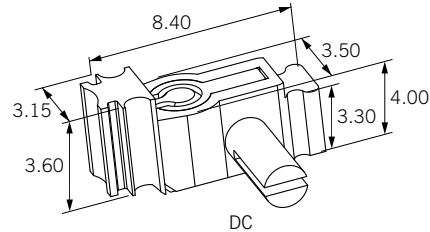
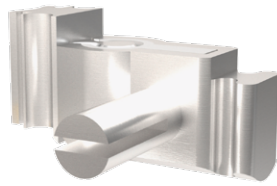
- Guide grooves integrated in the attachment
- Easily adjustable thanks to the exchange of four different friction inserts

Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Mini-SG® DK</b>	Male part burn-out, female part can be bonded	055 364
	<b>Mini-SG® XC</b>	Male part cast-on, female part can be soldered, bonded	055 919
	<b>Mini-SG® XK</b>	Male part burn-out, female part can be soldered, bonded	055 487
		Mounted with friction insert red (055 356), the friction insert green (055 357) is included	
		<b>Delivery unit version XC:</b> pack of 2 pieces	
<b>Components</b>			
	<b>Female part D</b>	For polymerisation	055 371
	<b>Female part X</b>	For soldering and polymerisation	055 489
		Mounted with friction insert red (055 356), the friction insert green (055 357) is included	
	<b>Tuning female part E</b>	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.	055 925
		Mounted with friction insert yellow (055 691), the friction inserts red (055 356), green (055 357) and blue (055 358) are included	
	<b>Friction inserts G</b>	Delivery unit: pack of 5 pieces	
	Yellow (smooth friction)	approx. 300 g	055 691
	Red (normal friction)	approx. 600 g	055 356
	Green (strong friction)	approx. 900 g	055 357
	Blue (extra strong friction)	> 1200 g	055 358
	<b>Male part C</b>	Cast-on	055 544
	<b>Male part K</b>	Burn-out plastic	055 529
<b>Auxiliary parts</b>			
	<b>Transfer jig</b>	Manipulation male part for fabricating the master model	072 616

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

# SG® Slide attachment.

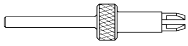
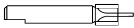
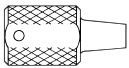

Extracoronal, adjustable friction-grip attachment.



### Characteristics

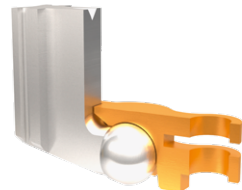
- With primary integrated guide grooves
- Screw-activated friction insert
- Time savings by eliminating primary circular milling
- No special and traumatising preparation of the abutment tooth required
- Stable male part design

Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>SG DC</b>	Male part cast-on	052 157
	<b>SG DK</b>	Male part burn-out	052 158
		A friction insert G white is mounted, the duplicating aid G is included.	
<b>Components</b>			
	<b>Female part D</b>	For bonding or polymerisation	052 159
		A friction insert G white is mounted, the duplicating aid G is included.	
	<b>Friction insert G</b> White (normal friction) Violet (strong friction)	Delivery unit: pack of 5 pieces	052 163 0500 0057
	<b>Activating screw O</b>	For intraoral use	052 161
	<b>Mounting screw X</b>	Facilitates the polymerisation of Polymers. Is supplied automatically when ordering the complete parts!	052 164
	<b>Male part C</b>	Cast-on	052 160
	<b>Male part K</b>	Burn-out plastic	052 162
<b>Auxiliary parts</b>			
	<b>Duplicating aid G</b>	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.	072 502
	<b>Transfer jig</b>	Manipulation male part for fabricating the master model	070 566

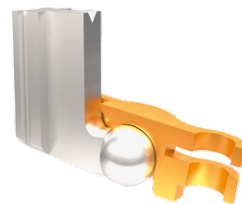
Image	Item	Description	Cat. No.
<b>Auxiliary instruments</b>			
	<b>Special parallelometer insert</b>	Used to place the male part	072627
	<b>Screwdriver insert</b>	For activating and deactivating the screw	070293
	<b>Thomas spanner key</b>	For screwdriver	070221
	<b>Attachment tweezers</b>	Simplifies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

# Mini-Dalbo®.

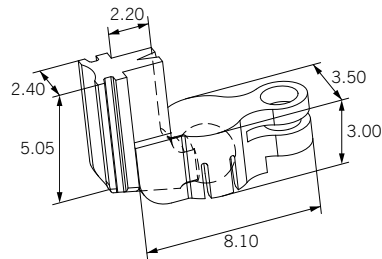
Extracoronal, adjustable hinge attachment with rotation.



Resting position



Hinge movement



### Characteristics

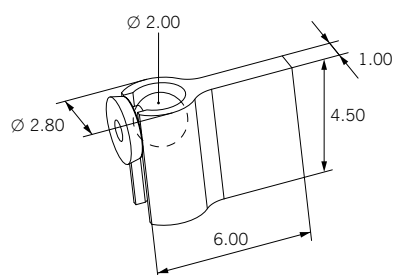
- Stress-broken uni- and bilateral free-end dentures

Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Mini-Dalbo® EC</b>	Version EC is the top variant. The male part can be connected to the anchor tooth by time-saving cast-on or soldering.	050 701
	<b>Mini-Dalbo® DK</b>	Version DK is the low-cost version. Due to the castable male part being made of Korak, the crown alloy can be chosen freely.	051 659
<b>Components</b>			
	<b>Female part E</b>	For polymerisation in denture framework (do not solder). Adjustable	050 697
	<b>Female part D</b>	For polymerisation in denture framework (do not solder). Adjustable	051 662
	<b>Male part C</b>	For soldering or cast-on with all precious metal alloys	050 960
	<b>Male part K</b>	Burn-out plastic	051 617
<b>Auxiliary parts</b>			
	<b>Transfer jig</b>	For fabricating the master model	070 176
<b>Auxiliary instruments</b>			
	<b>Parallelometer insert</b>	Used to place the male part	070 146
	<b>Attachment tweezers</b>	Simplifies separation and mounting of the attachment	070 222



# Tecnoroch.

Extracoronal, adjustable hinge ball joint with rotation.



### Characteristics

- Little space required, as the female part can be shortened individually
- Simple design
- Lamellae of the female part can be activated
- Suitable for application in adhesive prosthetics

Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Tecnoroch EK</b>		055 411
<b>Components</b>			
	<b>Female part E</b>	For polymerisation into the denture plastic or framework, bonding or soldering	055 410
	<b>Male part K</b>	Burn-out plastic	055 409
<b>Auxiliary instruments</b>			
	<b>Parallelometer insert</b>	Used to place the male part	072 507
	<b>Activator</b>	For female part	072 505

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# Attachments

Slide attachments 25

Anchors 41

Dalbo®-PLUS 42

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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.

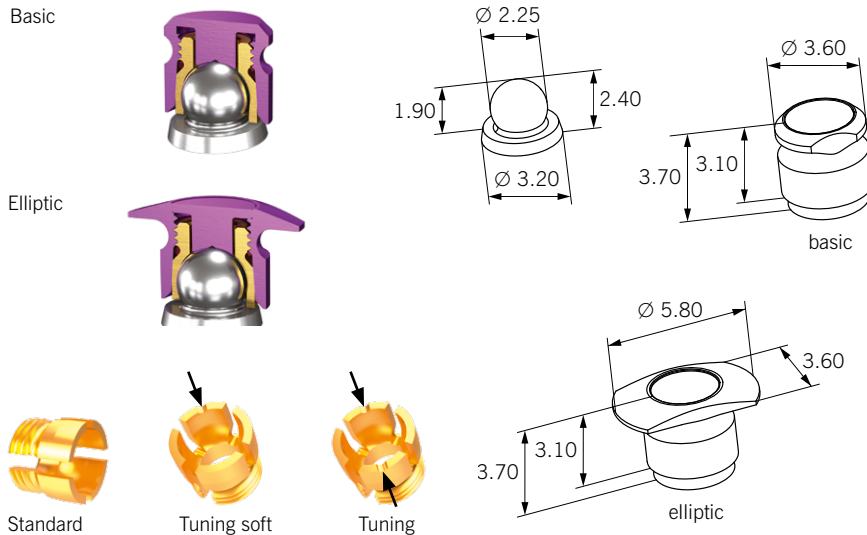
There are fricative and retentive anchor concepts. Fricatively functioning restorations can be inserted and removed smoothly and without damaging the anchor teeth. Retentive restorations snap into place audibly and give the patient a secure feeling of a correctly fitting, removable denture.

### **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.





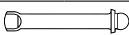
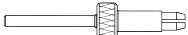
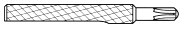
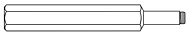



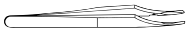


## Characteristics

- 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.

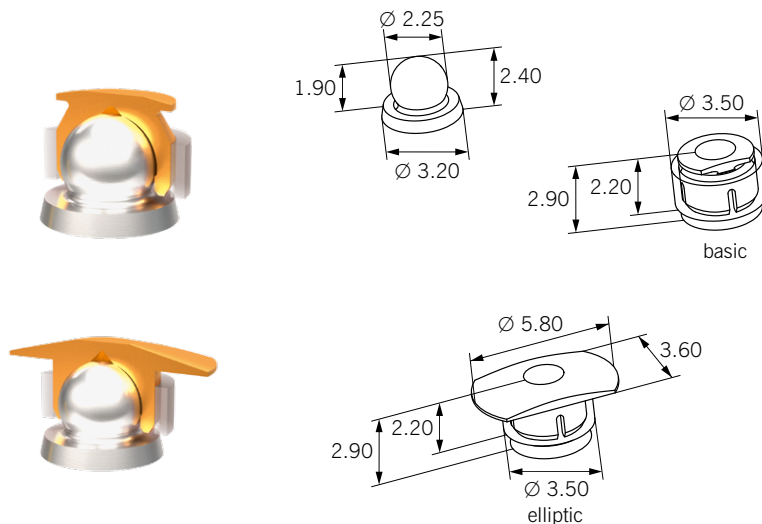
Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Dalbo®-PLUS TEV basic</b>		055 750
	<b>Dalbo®-PLUS TEV elliptic</b>		055 889
<b>Components</b>			
	<b>Female part TE basic</b>	For bonding or polymerisation into the denture body. Adjustable. Delivery includes duplication aid.	055 752
	<b>Female part TE elliptic</b>	For direct integration into the denture in the patient's mouth. Adjustable.	055 890
	<b>Lamellae retention insert E</b>	For screwing into the housing	055 643
	<b>Tuning female part soft TE basic</b>	For bonding or polymerisation into the denture body. Adjustable. Delivery includes duplication aid.	05000214
	<b>Tuning female part soft TE elliptic</b>	For direct integration into the denture in the patient's mouth. Adjustable.	05000215
	<b>Tuning lamellae retention insert soft E</b>	For screwing into the housing	05000068
	<b>Tuning female part TE basic</b>	For bonding or polymerisation into the denture body. Adjustable. Delivery includes duplication aid.	055 771
	<b>Tuning female part TE elliptic</b>	For direct integration into the denture in the patient's mouth. Adjustable.	055 891
	<b>Tuning lamellae retention insert E</b>	For screwing into the housing	055 687
	<b>Spacer disc tin</b>	Ensures vertical resilience upon request. Delivery unit: pack of 5 pieces	050 394
	<b>Male part V</b>	Can be connected to the cap by direct cast-on or soldering.	055 647



Image	Item	Description	Cat. No.
	<b>Lasering male part E</b>	Special male part with raised and enlarged root canal cap support for the laser welding technique	055921
<b>Auxiliary parts</b>			
	<b>Female part housing T basic</b>	Without lamellae retention insert	055760
	<b>Female part housing T elliptic</b>	Without lamellae retention insert	055886
	<b>Duplicating aid/spacer g</b>	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
	<b>Transfer jig</b>	For fabricating the master model	070157
<b>Auxiliary instruments</b>			
	<b>Special parallelometer insert</b>	Used to place the male part	072637
	<b>Screwdriver/activator</b>	Is used to screw in and activate the lamellae retention insert	072609
	<b>Heating rod</b>	For extracting housings from the plastic	072639
	<b>Gauge set</b>	Scope of delivery: Male part gauge Female part gauge Lamellae retention insert E Tuning lamellae retention insert soft E Tuning lamellae retention insert E Screwdriver/activator	07000026 (07000027) (07000024) (055643) (05000068) (055687) (072609)
	<b>Male part gauge</b>	Allows checking the set retention force in the denture outside the mouth.	07000027
	<b>Female part gauge</b>	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
	<b>Attachement tweezers</b>		070222

# Dalbo®-Classic.




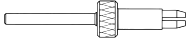
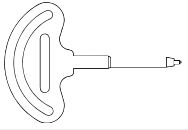
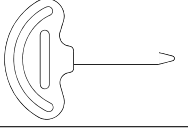
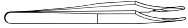
Supraradicular, retentive and resilient anchor, adjustable.



## Characteristics

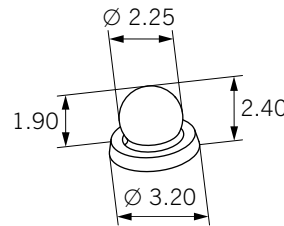
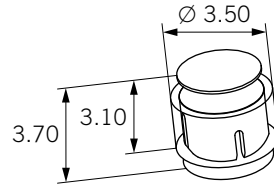
- The original: Represents the press stud par excellence
- The ball principle allows degrees of tolerance when placing the male part
- Can be positioned on the root canal cap without a parallelometer, as divergences of approx. 10° are easy to compensate
- The female part of the elliptic version has a 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.
<b>Complete parts</b>			
	<b>Dalbo®-Classic EV basic</b>		055 689
	<b>Dalbo®-Classic EK basic</b>		055 701
	<b>Dalbo®-Classic EV elliptic</b>		055 892
	<b>Dalbo®-Classic EK elliptic</b>		055 893
<b>Components</b>			
	<b>Female E basic</b>	For polymerisation into the denture body. Adjustable. Delivery includes elastomer ring (055 688) and spacer disc (050 394).	055 698
	<b>Female E elliptic</b>	For polymerisation into the denture body. Adjustable. Delivery includes elastomer ring (055 688) and spacer disc (050 394).	055 887
	<b>Elastomeric ring</b>	Delivery unit: pack of 5 pieces	055 688
	<b>Spacer disc tin</b>	Tin, ensures vertical resilience. For laboratory use only. Delivery unit: pack of 5 pieces	050 394
	<b>Male part V</b>	Can be connected to the cap by direct cast-on or soldering.	055 647
	<b>Male part K</b>	Burn-out plastic	055 330
	<b>Laser male part E</b>	Special male part with raised and enlarged root canal cap support for the laser welding technique	055 921

Image	Item	Description	Cat. No.
<b>Auxiliary parts</b>			
	<b>Spacer G</b>	Spacers replace the anchor female parts during plastic polymerisation in the laboratory.	072 625
	<b>Transfer jig</b>	For fabricating the master model	070 157
<b>Auxiliary instruments</b>			
	<b>Instrument for mounting of elastomeric ring</b>		070 205
	<b>Special parallelometer insert</b>	Used to place the male part	072 637
	<b>Activator</b>		070 197
	<b>Deactivator</b>		070 199
	<b>Attachement tweezers</b>	Simplifies separation and mounting of the anchor	070 222

# 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















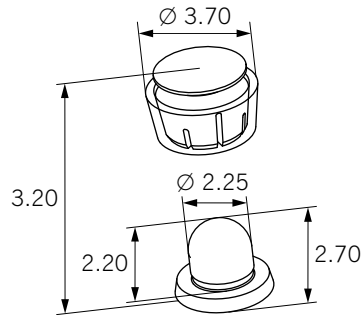
Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	Dalbo®-B EE		050427
	Dalbo®-B EK		055331
<b>Components</b>			
	Female part E	For polymerisation into the denture body. Adjustable. Delivery includes elastomer ring (051 005) and spacer disc (050 394).	051 511
	Elastomeric ring	Delivery unit: pack of 5 pieces	051 005
		Tin, ensures vertical resilience. For laboratory use only. Delivery unit: pack of 5 pieces	050 394
	Male part E	For soldering onto cast root canal caps	050423
	Male part K	Burn-out plastic	055330
	Laser male part E	Special male part with raised and enlarged root canal cap support for the laser welding technique	055921
<b>Auxiliary parts</b>			
	Spacer G	Spacers replace the anchor female parts during plastic polymerisation in the laboratory.	070 440
	Transfer jig	For fabricating the master model	070 157



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

# Dalbo®-Z.

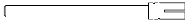

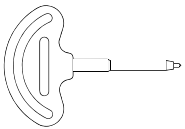
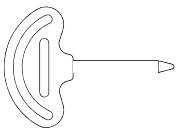

Supraradicular, cylindrical friction-grip anchor, adjustable.



### Characteristics

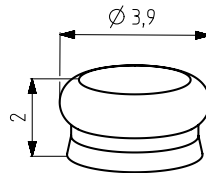
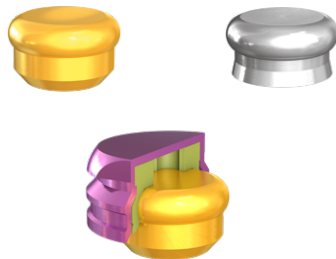
- Can be used fricative, rigid or with vertical resilience

Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	Dalbo®-Z OE		050 398
<b>Components</b>			
	Female part O	For polymerisation into the denture plastic. Can be activated, elastomeric ring (050 273) and spacer disc (050 394) are included	051 507
	Elastomeric ring	Delivery unit: pack of 5 pieces	050 273
	Spacer disc Z tin	Ensures vertical resilience. Delivery unit: pack of 5 pieces	050 394
	Male part E	For soldering onto cast root canal caps	050 272
<b>Auxiliary parts</b>			
	Spacer G	Spacers replace the anchor female parts during plastic polymerisation in the laboratory.	070 439
	Transfer jig	For fabricating the master model	070 157

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

# CM LOC®.










Supraradicular, cylindrical, retentive rigid anchor, adjustable.



### Characteristics

- Removable, hybrid-supported dental prostheses on root canal caps in combination with the specific CM LOC® female part system.
- User- and patient-friendly application.
- A complete, modular prosthetic system for a wide range of clinical applications.
- New abutment design without central retention hole for better clinical functionality and increased wearing comfort and ease of cleaning.
- Optimised female part design with retention inserts made of the high-performance polymer Pekkton® for good wear resistance.
- Divergences up to 20° can be compensated.

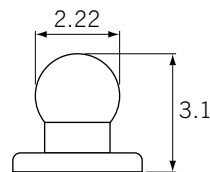
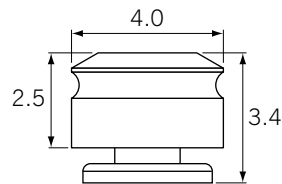
Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Basic Set Titanium</b>	Contents: 2x Housing Titanium for Pekkton® Inserts 2x Retention insert, extra-low 2x Retention insert, low 2x Retention insert, medium 2x Block-out Spacer 2x Processing insert	05003001 05001995 05001314 05001315 05001316 05000202 05001328
<b>Components</b>			
	<b>Housing Titanium for Pekkton® Inserts</b>	Delivery unit: pack of 4 pieces Material: T	05001995
	<b>Retention insert, extra-low</b>	Delivery unit: pack of 4 pieces Material: P	05001314
	<b>Retention insert, low</b>	Delivery unit: pack of 4 pieces Material: P	05001315
	<b>Retention insert, medium</b>	Delivery unit: pack of 4 pieces Material: P	05001316
	<b>Retention insert, strong</b>	Delivery unit: pack of 4 pieces Material: P	05001317
	<b>Male part C, casting-on/soldering technique</b>		05001605
	<b>Male part E Laser welding technique</b>		05001606

Image	Item	Description	Cat. No.
	<b>Processing insert</b>	Delivery unit: pack of 4 pieces Material: P	05001328
	<b>Housing Pekkton® for Pekkton® Inserts</b>	Delivery unit: pack of 4 pieces	05001306
<b>Auxiliary parts</b>			
	<b>Spacer</b>	Delivery unit: pack of 4 pieces Material: P	07000201
	<b>Block-out Spacer</b>	Delivery unit: pack of 4 pieces	07000202
	<b>Analog</b>	Delivery unit: pack of 4 pieces	07000204
	<b>Impression part</b>	Delivery unit: pack of 4 pieces	07000213
	<b>Multi-tool for Pekkton® Retention insert</b>		07000205
	<b>Housing extractor</b>		07000217
	<b>Parallelometer insert</b>		07000219

**CM LOC®**  
 Implant anchor system  
 On page 8

# 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.
<b>Parts</b>			
	<b>Pro-Snap TC yellow</b> Male part C Housing T yellow	Complete For soldering onto cast root canal caps For polymerisation into the denture body	05050033 05050037 05050060
	<b>Pro-Snap TC red</b> Male part C Housing T red	Complete For soldering onto cast root canal caps For polymerisation into the denture body	05050034 05050037 05050061
	<b>Pro-Snap TC green</b> Male part C Housing T green	Complete For soldering onto cast root canal caps For polymerisation into the denture body	05050035 05050037 05050062
	<b>Pro-Snap TK yellow</b> Male part K Housing T yellow	Complete Burn-out plastic For polymerisation into the denture body	05050036 05050038 05050060
	<b>Parallelometer insert</b>	Used to place the male part	070 131
	<b>Protection cap</b>		07050004
	<b>Transfer jig</b>	For fabricating the master model	07050005
	<b>Stabilisation ring</b>	For fixation of the retention insert	07050006*
	<b>Retention insert G yellow</b>	Retention force soft	05050042**
	<b>Retention insert G red</b>	Retention force middle	05050043**
	<b>Retention insert G green</b>	Retention force strong	05050044**
	<b>Fixation instrument</b>	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



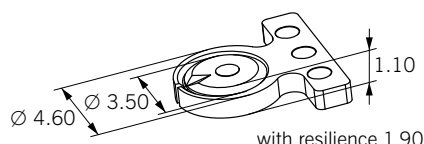
Male part



Female part



Male part with resilience



### Characteristics

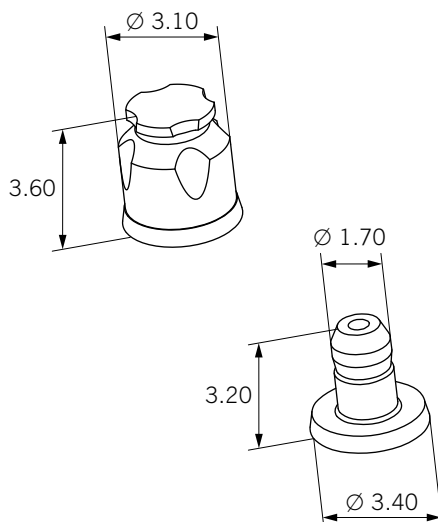
- At 1.1 mm, the anchor with the lowest insertion height.
- Solder integrated in male part.
- The two spring arms of the female part audibly snap into place and ensure a secure hold of the denture.

Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Eccentric ELO</b>		050345
	<b>Eccentric ELO (with resilience)</b>		050397
<b>Components</b>			
	<b>Female part EL</b>	For polymerisation into the denture plastic	050306
	<b>Male part O with integrated solder (S.G.750)</b>	For soldering onto the flat surface of the cast root canal cap without adding solder	051002
	<b>Male part O (resilient) with integrated solder (S.G.750)</b>	With resilience for soldering onto the flat surface of the cast root canal cap without adding solder	051003
	<b>Spacer disc occlusal</b>	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
	<b>Spacer disc gingival</b>	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
<b>Auxiliary parts</b>			
	<b>Transfer jig</b>	For fabricating the master model	070161
	<b>Transfer jig (male part with resilience)</b>		070167



# Mini-Gerber PLUS.

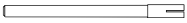
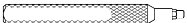
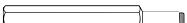

Supraradicular retention- and friction-grip anchor, adjustable.



### 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.
<b>Complete parts</b>			
	<b>Mini-Gerber PLUS TV</b>		055 646
<b>Components</b>			
	<b>Female part T</b>	Includes one threaded ring T (055 507), one mounted and two additional retention inserts G (055 508) For bonding or polymerisation into the denture plastic	055 686
	<b>Retention insert G</b>	Delivery unit: pack of 5 pieces	055 508
	<b>Threaded ring T</b>	Thread: M 2.6x0.25	055 507
	<b>Male part V</b>	Cast-on or soldering. Not suitable for laser welding!	055 506
	<b>Ring G</b>	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.	055 759
<b>Auxiliary parts</b>			
	<b>Duplication aid G</b>	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.	072 466
	<b>Transfer jig</b>	For fabricating the master model	072 461

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

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## Attachments

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## 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.

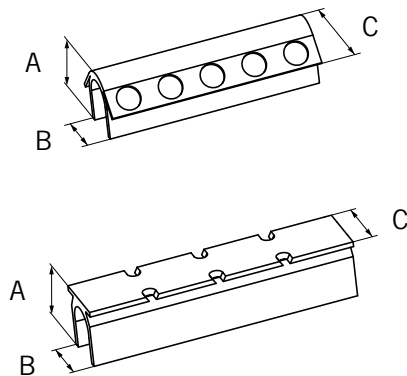
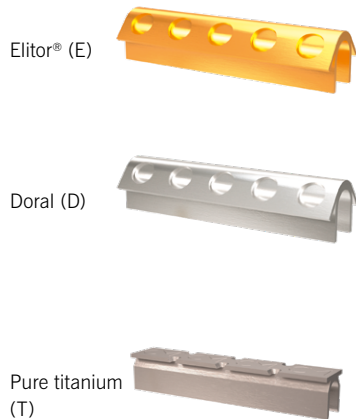
### **Dentures restored with a bar – advantages**

- 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



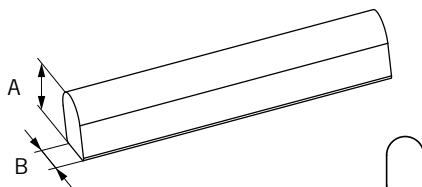
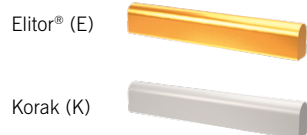
### Characteristics

- 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	Description	Cat. No.																																																											
<b>Components</b>																																																														
		<table border="1"> <thead> <tr> <th>Material</th> <th>Design</th> <th>L = overall length mm</th> <th>A = height mm</th> <th>B = width mm</th> <th>C = width of retention mm</th> <th></th> </tr> </thead> <tbody> <tr> <td rowspan="6"></td> <td rowspan="6"><b>Female part</b></td> <td>E Makro L25</td> <td>25.00</td> <td>3.30</td> <td>2.80</td> <td>4.60</td> <td>054 747</td> </tr> <tr> <td>E Mikro L25</td> <td>25.00</td> <td>2.75</td> <td>2.10</td> <td>3.60</td> <td>054 746</td> </tr> <tr> <td>E Makro L50</td> <td>50.00</td> <td>3.30</td> <td>2.80</td> <td>4.60</td> <td>052 046</td> </tr> <tr> <td>E Mikro L50</td> <td>50.00</td> <td>2.75</td> <td>2.10</td> <td>3.60</td> <td>052 043</td> </tr> <tr> <td>D Makro L50</td> <td>50.00</td> <td>3.30</td> <td>2.80</td> <td>4.60</td> <td>0500 1125</td> </tr> <tr> <td>D Mikro L50</td> <td>50.00</td> <td>2.75</td> <td>2.10</td> <td>3.60</td> <td>0500 1201</td> </tr> <tr> <td rowspan="2"></td> <td rowspan="2"><b>Female part</b></td> <td>T Makro L47.5</td> <td>47.50</td> <td>3.60</td> <td>2.90</td> <td>3.60</td> <td>0500 0681</td> </tr> <tr> <td>T Mikro L47.5</td> <td>47.50</td> <td>2.80</td> <td>2.20</td> <td>2.80</td> <td>0500 0680</td> </tr> </tbody> </table>	Material	Design	L = overall length mm	A = height mm	B = width mm	C = width of retention mm			<b>Female part</b>	E Makro L25	25.00	3.30	2.80	4.60	054 747	E Mikro L25	25.00	2.75	2.10	3.60	054 746	E Makro L50	50.00	3.30	2.80	4.60	052 046	E Mikro L50	50.00	2.75	2.10	3.60	052 043	D Makro L50	50.00	3.30	2.80	4.60	0500 1125	D Mikro L50	50.00	2.75	2.10	3.60	0500 1201		<b>Female part</b>	T Makro L47.5	47.50	3.60	2.90	3.60	0500 0681	T Mikro L47.5	47.50	2.80	2.20	2.80	0500 0680	
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<b>Auxiliary parts</b>																																																														
	<b>Spacer Macro</b>	50x1.05 mm	052081																																																											
	<b>Spacer Micro</b>	50x0.75 mm	052080																																																											
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<b>Auxiliary instruments</b>																																																														
	<b>Activator set</b>		070 198																																																											
	<b>Deactivator Macro</b>		070 201																																																											
	<b>Deactivator Micro</b>		070 200																																																											



**Male parts (bar attachment)**



**Male parts (resilient bar)**

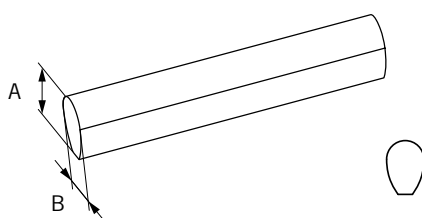
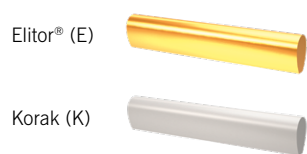


Image	Item	Description	Cat. No.
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**Components**

Image	Item	Material	Design	L = overall length A = height B = width			Cat. No.
				mm	mm	mm	
	<b>Male part (bar attachment)</b>	E	Makro L50	50.00	3.00	2.20	052053
		E	Mikro L50	50.00	2.30	1.60	05000289
		K	Makro L75	75.00	3.00	2.20	05000559
		K	Mikro L75	75.00	2.30	1.60	05000266
	<b>Male part (resilient bar)</b>	E	Makro L50	50.00	3.00	2.20	052061
		E	Mikro L50	50.00	2.30	1.60	052057
		K	Makro L75	75.00	3.00	2.20	05000563
		K	Mikro 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**

	<b>Transfer jig macro L50</b>	070173
	<b>Transfer jig micro L50</b>	070171

**Auxiliary instruments**

	<b>Parallelometer insert Macro (bar attachment)</b>	070144
	<b>Parallelometer insert Micro (bar attachment)</b>	070143
	<b>Parallelometer insert macro (Resilient bar)</b>	072517
	<b>Parallelometer insert micro (Resilient bar)</b>	072515

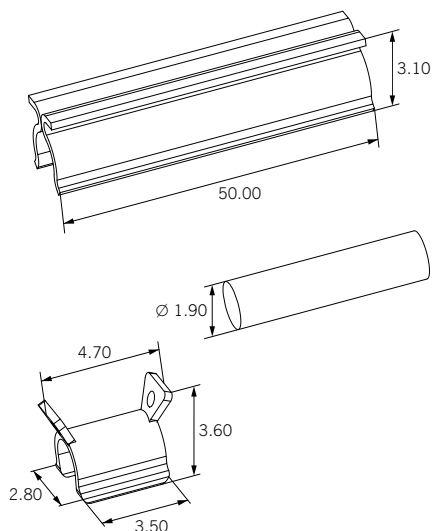
# Round bar with rider.

Retention-grip, round bar, adjustable.

Female part



Male part



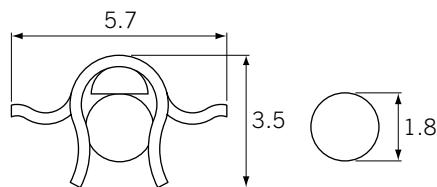
## Characteristics

- 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.
<b>Components</b>			
	<b>Female part E</b>	Adjustable rider Delivery unit: pack of 5 pieces	050 527 055 801
	<b>Female part E L50</b>	Adjustable rider, can be trimmed to individual lengths.	05000679
	<b>Spacer (tin)</b> <b>Spacer (tin)</b>	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.	052 082 052 085
	<b>Male part P3 L50</b> <b>Male part P3 L200</b>	Length: 50 mm Length: 200 mm Round bar for soldering or brazing	052 030 052 028
	<b>Male part K L75</b>	Length: 75 mm Burn-out plastic Delivery unit: pack of 2 pieces	055 881
<b>Auxiliary parts</b>			
	<b>Transfer jig</b>	For fabricating the master model	072 293
<b>Auxiliary instruments</b>			
	<b>Activator set</b>		070 198

# 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

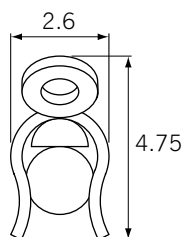




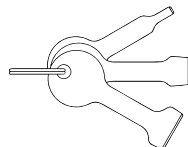


Image	Item	Description	Cat. No.
<b>Components</b>			
	<b>Ackermann-Bar A female part E</b>	Adjustable bar rider	05050010
	<b>Ackermann-Bar B female part E</b>	Adjustable bar rider	05050011
	<b>Spacer micro</b>	Brass. Ensures vertical translation of the denture. Integration between rider and bar during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



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Bars 57

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elements 63

CM hex screw system 64

Mini-Presso-Matic 66

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## Screws and retention elements.

In implant dentistry and when using the conventional technique, screws enable prospective planning and the splitting of bridges, for example in the case of strongly divergent abutments. Due to the limited removability of crowns and bridges, the denture can, if necessary, be adapted to the changing oral situation in the prospective planning without the need for a costly new fabrication.

With the option of simply changing a screw element into a retention element, the denture can be converted from a conditionally removable denture to an unconditionally removable denture, or vice versa, requiring little dental technical effort.

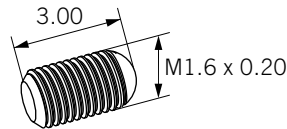
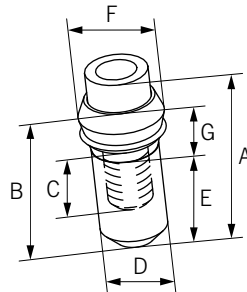
### Screws and retention elements – advantages

- Prospective planning option.
- Fixed dentures are also possible with highly divergent abutments.



# CM hex screw system.



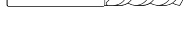


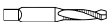
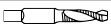
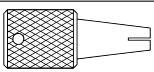
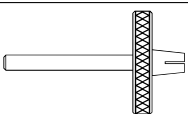
## Vertical and transversal locking screw.



### Characteristics

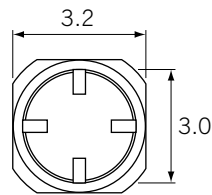
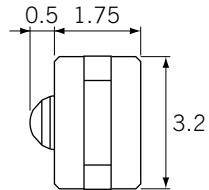
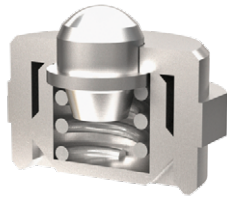
- One system: 1 hex key fits different screws, diameters and lengths
- The length of the screw head can be individually and safely adjusted to the oral situation, as it can be checked visually (can be shortened down to the hexagon socket!)
- 1 small and handy hex key for all screws allows easy access in the patient's mouth
- Robust design principle

Image	Item	Description	Cat. No.																					
<b>Complete parts</b>																								
		<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>E</th> <th>E</th> <th>F</th> <th>G</th> </tr> <tr> <th>Overall length of screw/sleeve</th> <th>Length of shortened screw</th> <th>Thread length of screw</th> <th>Sleeve Ø</th> <th>Sleeve length</th> <th>Counter-sunk collar</th> <th>Counter-sunk collar</th> </tr> <tr> <th>mm</th> <th>mm</th> <th>mm</th> <th>mm</th> <th>mm</th> <th>mm</th> <th>mm</th> </tr> </thead> </table>	A	B	C	E	E	F	G	Overall length of screw/sleeve	Length of shortened screw	Thread length of screw	Sleeve Ø	Sleeve length	Counter-sunk collar	Counter-sunk collar	mm	mm	mm	mm	mm	mm	mm	
A	B	C	E	E	F	G																		
Overall length of screw/sleeve	Length of shortened screw	Thread length of screw	Sleeve Ø	Sleeve length	Counter-sunk collar	Counter-sunk collar																		
mm	mm	mm	mm	mm	mm	mm																		
	<b>Cap screw CO M1.2 short</b>	5.20	4.20	1.40	1.80	2.80	2.30	1.50	05000120															
	<b>Cap screw CM M1.4 short</b>	6.20	5.20	1.80	2.00	3.40	2.70	1.90	05000122															
	<b>Pin screw MF 1.6x0.20</b>								05000167															
<b>Components</b>																								
	<b>Cap screw, Screw O M1.2 short</b>	For fixation of primary and secondary part in the mouth						05000163																
	<b>Cap screw, Screw O M1.4 short</b>							05000165																
	<b>Mounting screw X (M1.2)</b>	Is supplied automatically when ordering the complete parts.						072 439																
	<b>Mounting screw X (M1.4)</b>	Fixates the sleeve during the casting process						072 440																
	<b>Countersunk collar C (M1.2)</b>	For casting-on in the secondary part						051 882																
	<b>Countersunk collar C (M1.4)</b>							051 885																
	<b>Sleeve C M1.2</b>	For casting-on, soldering, lasering or bonding into the primary part						055 312																
	<b>Sleeve C M1.4</b>							055 314																

Image	Item	Description	Cat. No.
<b>Auxiliary instruments</b>			
	<b>Hex key</b>	For cap and pin screw	0700008
	<b>Spiral drill Ø 1.85</b>	For head screw: spiral drill for placing the sleeve for soldering, lasering or bonding	072432
	<b>Spiral drill Ø 2.05</b>		072433
	<b>Pin screw Spiral drill Ø 1.40</b>	For pin screw: for drilling the core hole in the abutment	070395
	<b>Cap screw Screw tap M 1.2</b>	For reaming the thread	070210
	<b>Cap screw Screw tap M 1.4</b>		070211
	<b>Pin screw Screw tap MF 1.60 x 0.20 mm</b>	Manual creation of the thread in the abutment	070470
	<b>Screw tap holder</b>	Standard For cap and pin screw	070213
	<b>Screw tap holder (for parallelometer)</b>	For tapping the thread on the parallelometer For cap and pin screw	070214

# Mini-Presso-Matic.



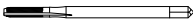
## Screw and retention element.



### Characteristics

- Small, robust retaining element
- Prospective planning possible by changing the screw closure and screw bolt

Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	Mini-Presso-Matic		05050045
<b>Components</b>			
	Housing C		05050046
	Retention bolt A		05050047
	Cap screw O		05050048
	Spiral spring X	Delivery unit: pack of 3 pieces	05050054
	Screw bolt O		05050049

Image	Item	Description	Cat. No.
<b>Auxiliary instruments</b>			
	Screw for modelling		07050012
	Screwdriver		07050013
	Thread tap M2.3x0.25		07050014

# Attachments.

## Replacement parts.




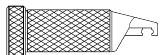


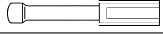


















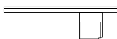


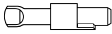



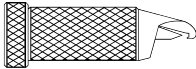
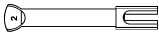




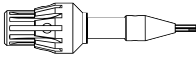





Image	Item	Description	Available until	Cat. No.
<b>Slide attachment</b>				
	<b>Beyeler</b>		30.09.2023	
	Male part C	For casting-on or soldering to the secondary part, adjustable		050 123
	<b>Biloc</b>		30.03.2030	
	Male part C	For casting-on or soldering to the secondary part, adjustable		051 366
	Activator	For splaying the lamellae of the male parts		070 342
	Desactivator	For compressing the lamellae of the male parts		070 341
	<b>CM Box</b>		30.09.2023	
	Male part D	For bonding to the secondary part		054 753
	Activating screw O			055 317
	Transfer jig			072 401
	Screwdriver	Activator		072 410
	<b>Mini-Conex friction-grip</b>		30.09.2023	
	Female part C friction-grip	For polymerisation into the denture plastic		051 505
	Friction-grip cone O			051 016
	<b>Mini-Conex retention-grip</b>		30.09.2023	
	Female part C retention-grip	For polymerisation into the denture plastic		051 506
	Retention-grip cone O			051 018
	Transfer jig			070 383
	Activator/Desactivator			070 259
	Socket key for cones			070 260
	<b>Conex friction-grip</b>		30.09.2023	
	Female part C friction-grip	For polymerisation into the denture plastic		051 169
	Friction-grip cone O			050 212
	<b>Conex retention-grip</b>		30.09.2023	
	Female part C retention-grip	For polymerisation into the denture plastic		051 170
	Retention-grip cone O			050 214
	Transfer jig			070 155
	Activator/Desactivator			070 319
	Socket key for cones			070 260



Image	Item	Description	Available until	Cat. No.
	<b>Conex screw-retained</b>		30.09.2023	
	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
	Transfer jig			070155
	<b>Dalbo®-S</b>		30.03.2030	
	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
	Transfer jig	For fabricating the master model		070174
	Steel pin	Replaces the spiral spring during polymerization and underlining		070149
	<b>McColum</b>		30.09.2023	
	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
	Screw activator			070460
	Transfer jig			070447
	<b>Mini-SG® Hinge</b>		30.09.2023	
	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
	<b>Mini-SG® V (screw-retained)</b>		30.09.2023	
	Locking screw T			055519
	Special screwdriver			072604
	<b>Mini-SG® Latch</b>		30.03.2030	
	Latch pin T			055837
	Extended latch pin T	Extension by 3 mm, can be shortened individually		055872
	Latch spring S			055832
	Locking screw T	For securing the latch axis		055831
	Screwdriver	Is used to screw in and unscrew the retention screw		072410



# Attachments.

## Replacement parts.




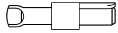




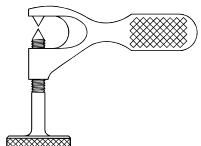





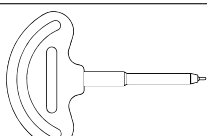
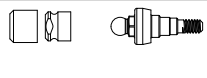
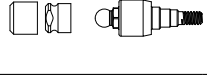
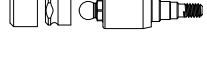
Image	Item	Description	Available until	Cat. No.
<b>Plastic-Roach</b> 30.09.2023				
	Female part D	For bonding into a secondary part		051 997
	Friction insert G white	Delivery unit: pack of 5 pieces		051 999
	Friction insert G green and blue	Delivery unit: pack of 5 pieces each (5 x green / 5 x blue)		05000058
	Transfer jig			070 515
<b>Pt-Snap</b> 30.03.2030				
	Male part C	For bonding into a secondary part		051 863
	Transfer jig			070 496
	Activator	Enables safe splaying of the fine activation lamellae		070 497
<b>Roach Ball Joint</b> 30.09.2026				
	Female part C	For polymerisation into the denture plastic		050 627
	Activator			070 196
<b>Cylindrical slide attachment</b> 30.09.2023				
	Male part C	For casting-on or soldering to the secondary part, adjustable		050 117
<b>Anchors</b>				
<b>Baer cylindrical anchor</b> 30.03.2030				
	Female part E	For polymerisation into the denture plastic		051 508
	Elastomeric ring	Delivery unit: pack of 5 pieces		050 287
	Spacer G			072 276
	Transfer jig			070 160
	Activator			070 480
<b>Dalbo® Certain®</b> 30.09.2023				
	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			05000452
	Compatible with OSSEOTITE® Certain® / OSSEOTITE NT® and Certain® Prevail™ Implants by BIOMET3i™			

Image	Item	Description	Available until	Cat. No.
<b>Gerber RZ</b>			30.03.2030	
	Female part E	For polymerisation into plastic or bonding into a metal frame-work		051 177
	Annular spring M	Delivery unit: pack of 5 pieces		050 315
	Threaded bush O			050 314
	Retention core O	Thread: M 1.4x0.2		050 313
	Transfer jig	Can be used for master model fabrication for Gerber RZ and Tuning female part		070 162
	Screwdriver for threaded bush			070 254
	Screwdriver for retention core			070 262
	Tuning female part TE	For polymerisation into plastic or bonding into a metal frame-work		05000067
	Tuning lamellae retention insert E	For screwing into the housing of the Tuning female part		05000002
<b>Microfix / Mini-Click</b>			30.09.2023	
	Tuning female part O	For polymerisation into the denture plastic		052 155
	Elastomeric ring	Delivery unit: pack of 5 pieces		052 039
	Transfer jig			070 325
<b>Mini-Gerber</b>			30.03.2030	
	Female part E	For polymerisation into plastic or bonding into a metal frame-work		055 198
	Spring M	Delivery unit: pack of 5 pieces		055 191
	Threaded ring O	Thread: M 2.5x0.35		055 190
	Screwdriver	For threaded ring		072 462
<b>Stepped Eccenter</b>			30.09.2023	
	Female part O			052 036
	Elastomeric ring	Delivery unit: pack of 5 pieces		052 039
	Spacer G			070 527
	Transfer jig			070 524
	Activator/Desactivator			070 528
<b>Bars</b>				
<b>Dolder® System</b>			30.09.2026	
	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
	Insert-positioner micro			07000034
<b>MP-Clip</b>			30.03.2030	
	Retention insert G white	Retention low		200004361
	Retention insert G yellow	Retention medium		200004360
	Retention insert G red	Retention strong		200004362
		Delivery unit: pack of 6 pieces		
	Insert positioner			200004369
	Spacer with sleeve X	Delivery unit: pack of 6 pieces		200004366

# Attachments.

## Replacement parts.










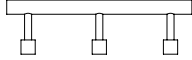
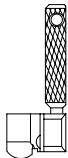
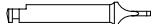
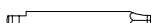


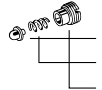
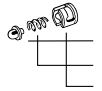
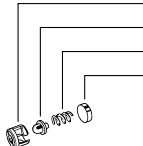






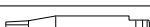
Image	Item	Description	Available until	Cat. No.
<b>SFI-Bar</b>			30.03.2030	
	Female part asymmetrical E L30			05000344
	Retention insert G yellow / smooth friction	Delivery unit: pack of 6 pieces		05000388
	Retention insert G red / normal friction	Delivery unit: pack of 6 pieces		05000389
	Retention 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
	Transfer jig L26			07000107
	Tube bar gauge			07000106
	Screwdriver	For implant adapter		07000114
	Hex key	For fixation screw		07000115
	Insert-positioner	For integration of the retention insert		07000036
<b>Screws and retention elements</b>				
<b>Ipsoclip SE</b>			30.03.2030	
	Male part O screw bolt			051 847
<b>Ipsoclip RE</b>			30.03.2030	
	Retention bolt A			051 769
	Repulsion spring X	Delivery unit: pack of 5 pieces		051 649
	Cap screw O			051 647
<b>Ipsoclip posterior</b>			30.03.2030	
	Retention bolt A			051 620
	Repulsion spring X	Delivery unit: pack of 5 pieces		050 754
	Bayonet lock O			050 752
<b>Ipsoclip anterior</b>			30.03.2030	
	Bayonet lock O			050 757
	Retention bolt A			051 620
	Spiral spring X	Delivery unit: pack of 5 pieces		050 754
	Buffer disc in plastic	Delivery unit: pack of 5 pieces		051 240
	Key	For Ipsoclip posterior and anterior with bayonet lock		070 323
	Screwdriver	For Ipsoclip RE and SE with screw closure		070 286

Image	Item	Description	Available until	Cat. No.
	<b>Cap screw</b>		30.03.2030	
	Screw O M1.2 long			05000164
	Screw O M1.4 long			05000166
	<b>MetaFix</b>		31.12.2021	
	Locking screw S			200004584
	Screwdriver hex key			200004486
	<b>Presso-Matic</b>		31.12.2021	
	Retention bolt A			200004579
	Locking screw O			200004580
	Elastic buffer	Delivery unit: pack of 5 pieces		200004482
	Mouth screwdriver			200004491
	<b>Supra-Fix</b>		31.12.2021	
	Locking screw T			200004583
	Screwdriver hex key			200004486

# Endodontics

## Root canal posts 75

Mooser root canal post 76

CM root canal post 78

MP-Post 80

## Root canal anchors 82

Dalbo®-Rotex 82

Rotex 86

Rotex-RD 88





## Root canal posts and root canal anchors.

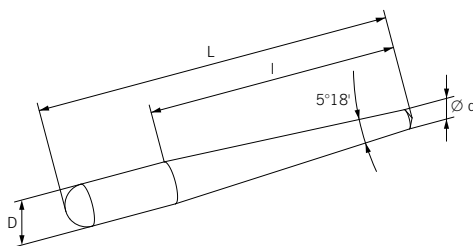
Root canal posts are available in different materials. With high-quality in precious metal, with which root canal caps are manufactured to accommodate anchors, post crowns and cast abutments. Burn-out root canal posts allow for cost-effective solutions. Root canal anchors with self-tapping thread are 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.

# Mooser root canal post.

Root canal posts with conical profile.



### 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

Image	Item	Size	d = Ø tip	D = Ø shaft	I = cone length	L = overall length	Cat. No.
			mm	mm	mm	mm	
	Adhesive head C	1	0.80	1.50	7.90	12.30	05003505
		2	0.80	1.70	10.00	14.50	05003506
		3	1.00	2.00	11.20	15.50	05003507
		4	1.00	2.20	13.30	17.70	05003509

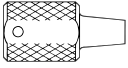
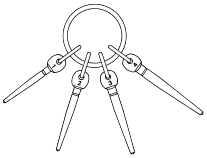


Root canal posts with adhesive head  
(for impression taking with elastic impression materials)

Image	Item	Size	d = Ø tip	D = Ø shaft	I = cone length	L = overall length	Cat. No.
			mm	mm	mm	mm	
	Flat head T	1	0.80	1.50	7.90	13.00	05003589
		2	0.80	1.70	10.00	15.00	05003590
		3	1.00	2.00	11.20	16.00	05003591
		4	1.00	2.20	13.30	18.00	05003592

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

### 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 (Green) 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 (Green) Post size 4	072317
	Reamer (White) Post size 1	070287
	Reamer (Yellow) Post size 2	072318
	Reamer (Red) Post size 3	070288
	Reamer (Green) Post size 4	072319

Image	Item	Description	Cat. No.
	<b>Thomas spanner key</b>	for trimmer	070221
	<b>Post gauge size 1-4</b>	Check of the insertion depth and wall thickness	070483
	<b>Coupling piece</b>	For extending instruments, suitable for angled handpiece and Thomas spanner key	072414
	<b>Root canal posts Mooser Endobox</b>	Empty, without posts and instruments	0800003



# CM root canal post.

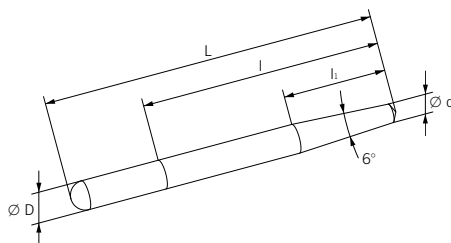
## Root canal posts with cylindro-conical profile.



CM root canal post with adhesive head



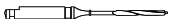
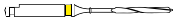
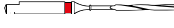
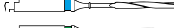
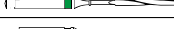

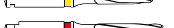


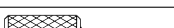

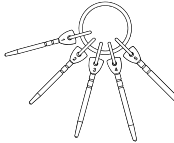


CM root canal post with flat head



### 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.																																										
<b>Components</b>																																													
		<table border="1"> <thead> <tr> <th>Size</th> <th>d = Ø tip mm</th> <th>D = Ø shaft mm</th> <th>li = cone length mm</th> <th>l = functional length mm</th> <th>L = overall length mm</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td>0.80</td> <td>1.20</td> <td>4.25</td> <td>9.00</td> <td>14.00</td> <td>05003194</td> </tr> <tr> <td></td> <td>0.90</td> <td>1.30</td> <td>4.25</td> <td>10.00</td> <td>15.00</td> <td>05003195</td> </tr> <tr> <td></td> <td>0.90</td> <td>1.40</td> <td>5.20</td> <td>12.00</td> <td>17.00</td> <td>05003202</td> </tr> <tr> <td></td> <td>1.00</td> <td>1.50</td> <td>5.25</td> <td>13.00</td> <td>18.00</td> <td>05003210</td> </tr> <tr> <td></td> <td>1.00</td> <td>1.60</td> <td>6.20</td> <td>14.50</td> <td>19.50</td> <td>05003211</td> </tr> </tbody> </table>	Size	d = Ø tip mm	D = Ø shaft mm	li = cone length mm	l = functional length mm	L = overall length mm			0.80	1.20	4.25	9.00	14.00	05003194		0.90	1.30	4.25	10.00	15.00	05003195		0.90	1.40	5.20	12.00	17.00	05003202		1.00	1.50	5.25	13.00	18.00	05003210		1.00	1.60	6.20	14.50	19.50	05003211	
Size	d = Ø tip mm	D = Ø shaft mm	li = cone length mm	l = functional length mm	L = overall length mm																																								
	0.80	1.20	4.25	9.00	14.00	05003194																																							
	0.90	1.30	4.25	10.00	15.00	05003195																																							
	0.90	1.40	5.20	12.00	17.00	05003202																																							
	1.00	1.50	5.25	13.00	18.00	05003210																																							
	1.00	1.60	6.20	14.50	19.50	05003211																																							
		Root canal posts with adhesive head (for impression taking with elastic impression materials)																																											
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Size	d = Ø tip mm	D = Ø shaft mm	li = cone length mm	l = functional length mm	L = overall length mm																																								
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	0.90	1.40	5.20	12.00	17.00	05003234																																							
	1.00	1.50	5.25	13.00	18.00	05003242																																							
	1.00	1.60	6.20	14.50	19.50	05003250																																							
		Root canal posts with adhesive head and cement draining groove.																																											
		<table border="1"> <thead> <tr> <th>Size</th> <th>d = Ø tip mm</th> <th>D = Ø shaft mm</th> <th>li = cone length mm</th> <th>l = functional length mm</th> <th>L = overall length mm</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td>0.80</td> <td>1.20</td> <td>4.25</td> <td>9.00</td> <td>14.00</td> <td>05003584</td> </tr> <tr> <td></td> <td>0.90</td> <td>1.30</td> <td>4.25</td> <td>10.00</td> <td>15.00</td> <td>05003585</td> </tr> <tr> <td></td> <td>0.90</td> <td>1.40</td> <td>5.20</td> <td>12.00</td> <td>17.00</td> <td>05003586</td> </tr> <tr> <td></td> <td>1.00</td> <td>1.50</td> <td>5.25</td> <td>13.00</td> <td>18.00</td> <td>05003587</td> </tr> <tr> <td></td> <td>1.00</td> <td>1.60</td> <td>6.20</td> <td>14.50</td> <td>20.50</td> <td>05003588</td> </tr> </tbody> </table>	Size	d = Ø tip mm	D = Ø shaft mm	li = cone length mm	l = functional length mm	L = overall length mm			0.80	1.20	4.25	9.00	14.00	05003584		0.90	1.30	4.25	10.00	15.00	05003585		0.90	1.40	5.20	12.00	17.00	05003586		1.00	1.50	5.25	13.00	18.00	05003587		1.00	1.60	6.20	14.50	20.50	05003588	
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	0.90	1.40	5.20	12.00	17.00	05003586																																							
	1.00	1.50	5.25	13.00	18.00	05003587																																							
	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.
<b>Auxiliary instruments</b>			
	Root canal drill (White) Post size 1		072 326
	Root canal drill (Yellow) Post size 1		072 321
	Root canal drill (Red) Post size 3		072 327
	Root canal drill (Blue) Post size 4		072 328
	Root canal drill (Green) Post size 5		072 329
	Reamer (White) Post size 1		070 243
	Reamer (Yellow) Post size 2		070 244
	Reamer (Red) Post size 3		070 245
	Reamer (Blue) Post size 4		070 246
	Reamer (Green) Post size 5		070 247
	Thomas spanner key	for trimmer	070 221
	Post gauge size 1-4	Check of the insertion depth and wall thickness	070 483
	Coupling piece	For extending instruments, suitable for angled handpiece and Thomas spanner key	072 414
	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

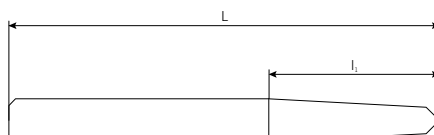

















Image	Item	Description	Cat. No.
<b>Components</b>			
		Size	l <sub>1</sub> = cone length
			L = overall length
		mm	mm
	MP-Post X yellow	1	5.2
	MP-Post X red	2	5.7
	MP-Post X blue	3	7.1
	MP-Post X green	4	9.0
			13
			16
			17
			18
		Delivery unit: pack of 20 pieces	
		Size	l <sub>1</sub> = cone length
			L = overall length
		mm	mm
	MP-Post Standard K yellow	1	5.0
	MP-Post Standard K red size	2	5.6
	MP-Post Standard K blue	3	7.0
	MP-Post Standard K green	4	8.9
			14
			16
			17
			18
		Delivery unit: pack of 50 pieces	
<b>Auxiliary instruments</b>			
	Root canal drill yellow post size 1		200004441
	Root canal drill red post size 2		200004447
	Root canal drill blue post size 3		200004451
	Root canal drill green post size 4		200004455
	MP root canal drill		200004436
	MP auxiliary drill		200004442
	MP plastic handgrip		200004443

Wirklich fabangabe?

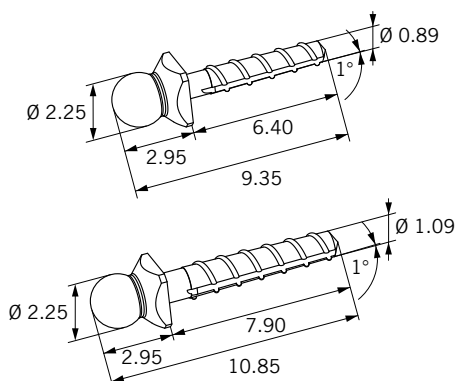
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Miscellaneous	Laboratory materials	Alloys	Polymers	Ceramics	Materials
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# Dalbo®-Rotex according to Dr. Dalla Bona.

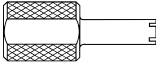
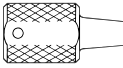
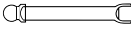


Root canal anchor combined with prosthetic retainer.



## Characteristics

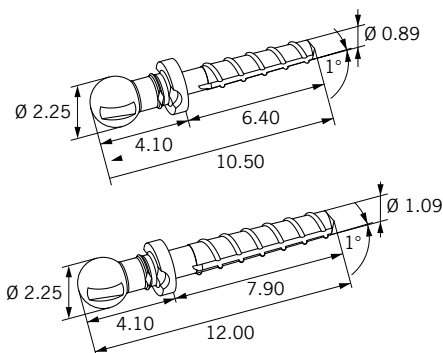
- The insertion direction can deviate up to 6°
- Highly corrosion-resistant material: made of pure titanium
- Slightly tapered
- Cement flow-off grooves
- Rounded post end
- The construction can be prepared in a single session
- For cutting the thread, only 2 – 3 turns are necessary
- The cement flow-off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

Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Dalbo®-Rotex GT (size 1)</b>	Delivery unit: pack of 5 pieces	051 864
	<b>Dalbo®-Rotex GT (size 2)</b>	Delivery unit: pack of 5 pieces	051 865
<b>Components</b>			
	<b>Female part G</b>	Mouth-resistant plastic, can be integrated directly into the denture plastic Delivery unit: pack of 5 pieces	051 868
	<b>Dalbo®-B female part E</b>	Precious metal alloy, can be integrated directly into the denture plastic	051 511
	<b>Male part T (size 1)</b>	Pure titanium (Grade 4)	051 869
	<b>Male part T (size 2)</b>	Delivery unit: pack of 5 pieces	051 870
<b>Auxiliary instruments</b>			
	<b>Root canal drill (white) Anchor size 1</b>		070 380
	<b>Root canal drill (yellow) Anchor size 2</b>		070 381
	<b>Face cutting drill (white) Anchor size 1</b>		070 499
	<b>Face cutting drill (yellow) Anchor size 2</b>		072 474
	<b>Reamer (white) Anchor size 1</b>		070 298
	<b>Reamer (yellow) Anchor size 2</b>		070 299

Image	Item	Description	Cat. No.
	<b>Spanner key for spherical head</b>		070498
	<b>Thomas spanner key</b>	for trimmer	070221
	<b>Coupling piece</b>	For extending instruments, suitable for angled handpiece and Thomas spanner key	072414
	<b>Instrument for mounting of elastomeric ring</b>	For Dalbo®-B female part E (051 511)	070205
	<b>Activator</b>	For Dalbo®-B female part E (051 511)	070197
	<b>Deactivator</b>	For Dalbo®-B female part E (051 511)	070199
<b>Auxiliary parts</b>			
	<b>Spacer G</b>	Spacers replace the anchoring female parts during plastic polymerisation in the laboratory.	070440
	<b>Transfer jig</b>	For fabricating the master model	070511
<b>Set</b>			
	<b>Introduction set Dalbo®-Rotex (Brunner/Dalla Bona)</b>	Consisting of: 2 Dalbo®-Rotex GT according to Dr. Dalla Bona 051 864 2 Dalbo®-Rotex GT according to Dr. Dalla Bona 051 865 2 Dalbo®-Rotex GT according to Prof. Brunner 051 866 2 Dalbo®-Rotex GT according to Prof. Brunner 051 867 1 Root canal drill 070 380 1 Root canal drill 070 381 1 Face cutting drill 070 499 1 Face-cutting drill 072 474 1 Face-cutting drill 070 295 1 Face-cutting drill 072 473 1 Reamer 070 298 1 Reamer 070 299 1 Thomas spanner key 070 221 1 Spanner key 070 498 1 Spanner key 070 500 8 Spacers 070 440 2 Transfer jigs 070 511 2 Transfer jigs 070 512	051 904
	<b>Endobox Rotex/Rotex-RD/Dalbo®-Rotex</b>	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.

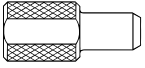

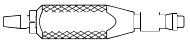
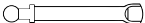




## Characteristics

- 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

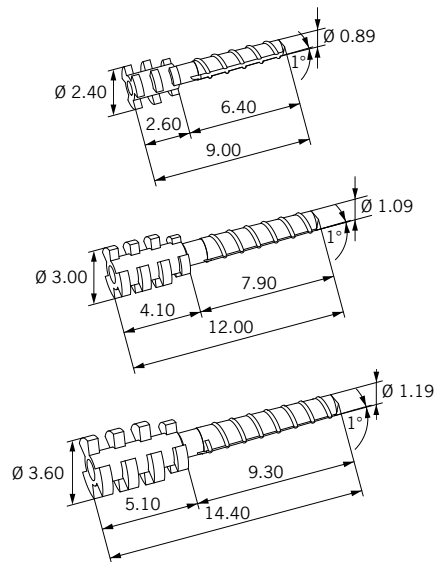
Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Dalbo®-Rotex GT (size 1)</b>	Delivery unit: pack of 5 pieces	051 866
	<b>Dalbo®-Rotex GT (size 2)</b>	Delivery unit: pack of 5 pieces	051 867
<b>Components</b>			
	<b>Female part G</b>	Mouth-resistant plastic, can be integrated directly into the denture plastic Delivery unit: pack of 5 pieces	051 868
	<b>Dalbo®-B female part E</b>	Precious metal alloy, can be integrated directly into the denture plastic	051 511
	<b>Male part T (size 1)</b>	Pure titanium (Grade 4)	051 871
	<b>Male part T (size 2)</b>	Delivery unit: pack of 5 pieces	051 872
<b>Auxiliary instruments</b>			
	<b>Root canal drill (white) Anchor size 1</b>		070 380
	<b>Root canal drill (yellow) Anchor size 2</b>		070 381
	<b>Face cutting drill (white) Anchor size 1</b>		070 295
	<b>Face cutting drill (yellow) Anchor size 2</b>		072 473
	<b>Reamer (white) Anchor size 1</b>		070 298
	<b>Reamer (yellow) Anchor size 2</b>		070 299



Image	Item	Description	Cat. No.
	<b>Spanner key for spherical head</b>		070500
	<b>Thomas spanner key</b>	for trimmer	070221
	<b>Coupling piece</b>	For extending instruments, suitable for angled handpiece and Thomas spanner key	072414
	<b>Instrument for mounting of elastomeric ring</b>	For Dalbo®-B female part E (051 511)	070205
	<b>Activator</b>	For Dalbo®-B female part E (051 511)	070197
	<b>Deactivator</b>	For Dalbo®-B female part E (051 511)	070199
<b>Auxiliary parts</b>			
	<b>Spacer G</b>	Spacers replace the anchoring female parts during plastic polymerisation in the laboratory.	070440
	<b>Transfer jig</b>	For fabricating the master model	070512
<b>Set</b>			
	<b>Introduction set Dalbo®-Rotex (Brunner/Dalla Bona)</b>	Consisting of: 2 Dalbo®-Rotex GT according to Dr. Dalla Bona 051 864 2 Dalbo®-Rotex GT according to Dr. Dalla Bona 051 865 2 Dalbo®-Rotex GT according to Prof. Brunner 051 866 2 Dalbo®-Rotex GT according to Prof. Brunner 051 867 1 Root canal drill 070 380 1 Root canal drill 070 381 1 Face cutting drill 070 499 1 Face-cutting drill 072 474 1 Face-cutting drill 070 295 1 Face-cutting drill 072 473 1 Reamer 070 298 1 Reamer 070 299 1 Thomas spanner key 070 221 1 Spanner key 070 498 1 Spanner key 070 500 8 Spacers 070 440 2 Transfer jigs 070 511 2 Transfer jigs 070 512	051 904
	<b>Endobox Rotex/Rotex-RD/Dalbo®-Rotex</b>	Empty, for root canal anchors Dalbo®-Rotex, without anchors and instruments	08000002

# Rotex.

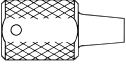



Root canal anchor with retention head and self-cutting thread.



### Characteristics

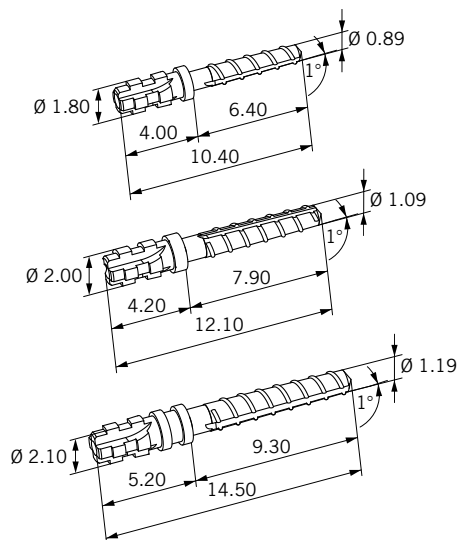
- Highly corrosion-resistant material: made of pure titanium
- Slightly tapered
- Cement flow-off grooves
- Rounded post end
- The construction can be prepared in a single session
- For cutting the thread, only 2 – 3 turns are necessary
- The cement flow-off grooves enable tension-free cementing

Image	Item	Description	Cat. No.
<b>Components</b>			
	<b>Rotex T size 1</b>	Delivery unit: pack of 5 pieces	051 289
	<b>Rotex T size 2</b>	Delivery unit: pack of 5 pieces	051 290
	<b>Rotex T size 3</b>	Delivery unit: pack of 5 pieces	051 291
<b>Auxiliary instruments</b>			
	<b>Root canal drill (white) Anchor size 1</b>		070 380
	<b>Root canal drill (yellow) Anchor size 2</b>		070 381
	<b>Root canal drill (red) Anchor size 3</b>		070 382
	<b>Face cutting drill (white) Anchor size 1</b>		070 295
	<b>Face cutting drill (yellow) Anchor size 2</b>		070 296
	<b>Face cutting drill (red) Anchor size 3</b>		070 297
	<b>Reamer (white) Anchor size 1</b>		070 298
	<b>Reamer (yellow) Anchor size 2</b>		070 299
	<b>Reamer (red) Anchor size 3</b>		070 300
	<b>Spanner key (white) Anchor size 1</b>		070 301
	<b>Spanner key (yellow) Anchor size 2</b>		070 302
	<b>Spanner key (red) Anchor size 3</b>		070 303

Image	Item	Description	Cat. No.
	<b>Thomas spanner key</b>	for trimmer	070 221
	<b>Coupling piece</b>	For extending instruments, suitable for angled handpiece and Thomas spanner key	072 414
<b>Set</b>			
	<b>Basic range</b>	Consisting of: 5 Rotex T anchors 051 289 5 Rotex T anchors 051 290 5 Rotex T anchors 051 291 1 Root canal drill 070 380 1 Root canal drill 070 381 1 Root canal drill 070 382 1 Face-cutting drill 070 295 1 Face-cutting drill 070 296 1 Face-cutting drill 070 297 1 Reamer 070 298 1 Reamer 070 299 1 Reamer 070 300 1 Spanner key 070 301 1 Spanner key 070 302 1 Spanner key 070 303 1 Thomas spanner key 070 221	051 497
	<b>Endobox Rotex/Rotex-RD/Dalbo®-Rotex</b>	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.
<b>Components</b>			
	Rotex-RD T	Size 1 Delivery unit: pack of 5 pieces	055 195
	Rotex-RD T	Size 2 Delivery unit: pack of 5 pieces	055 196
	Rotex-RD T	Size 3 Delivery unit: pack of 5 pieces	055 197
<b>Auxiliary instruments</b>			
	Root canal drill (white) Anchor size 1		070 380
	Root canal drill (yellow) Anchor size 2		070 381
	Root canal drill (red) Anchor size 3		070 382
	Face-cutting drill (white) Anchor size 1		072 470
	Face-cutting drill (yellow) Anchor size 2		072 471
	Face-cutting drill (red) Anchor size 3		072 472
	Reamer (white) Anchor size 1		070 298
	Reamer (yellow) Anchor size 2		070 299
	Reamer (red) Anchor size 3		070 300
	Spanner key		072 459
	Thomas spanner key	for trimmer	070 221

Image	Item	Description	Cat. No.
	<b>Coupling piece</b>	For extending instruments, suitable for angled handpiece and Thomas spanner key	072414

**Set**

	<b>Basic range</b>	Consisting of:	055236
		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	
	<b>Endobox Rotex/Rotex-RD/Dalbo®-Rotex</b>	Empty, for root canal anchors Rotex RD, without anchors and instruments	08000002

# Table of materials.

Abbreviation	Name (number of alloy)	Physical properties:								Melting range
		Colour	Composition							
			Au%	Pt%	Pd%	Ag%	Cu%	Ir%	Others	
<b>A</b>	<b>Alpha</b> (0094)	White	35.00	1.00	10.50	41.00	12.00		In 0.50	880–960°C
<b>C</b>	<b>Ceramicor®</b> (0037)	White	60.00	19.00	20.00				1.00	1400–1490°C
<b>D</b>	<b>Doral</b> (0092)	Light grey	15.00		22.00	49.30	13.70			930–1015°C
<b>E</b>	<b>Elitor®</b> (0054)	Yellow	68.60	2.45	3.95	11.85	10.60	0.05	Zn 2.50	880–940°C
<b>EL</b>	<b>Elasticor</b> (0053)	Bright yellow	61.00	13.50		16.50	9.00			950–1050°C
<b>O</b>	<b>OSV</b> (0082)	White	60.00	10.50	6.50	7.00	14.00		Zn 2.00	960–1065°C
<b>P3</b>	<b>Protor</b> (0099)	Yellow	68.60	2.45	3.95	11.85	10.60	0.05	Zn 2.50	895–960°C
<b>V</b>	<b>Valor</b> (0766)	White	10.00	89.00					1.00	1660–1710°C

Mechanical properties			
CTE (25–500°C)	Hardness HV5 as delivered	0.2% Proof stress (Rp 0.2%)	Thermal treatment
			Self-hardening Partially self-hardening Heat treatment after lasering or brazing Cannot be thermally treated
–	(80% cold-formed) >240	> 695 Mpa	✓
11.9x10 <sup>-6</sup> K <sup>-1</sup>	(15–75% cold-formed) >215	> 650 Mpa	✓
–	(35–65% cold-formed) >230	> 600 Mpa	✓
–	(30–70% cold-formed) >240	> 710 Mpa	✓
–	(25–50% cold-formed) >250	> 700 Mpa	✓
–	(35–50% cold-formed) >275	> 850 Mpa	✓
	(soft annealed) 175	410 Mpa	✓
9.2x10 <sup>-6</sup> K <sup>-1</sup>	(35–70% cold-formed) >240	> 720 Mpa	✓

Physical properties:		
Abbreviations	Name	Composition
<b>G</b>	<b>Galak</b>	Mouth-resistant plastics Cendres+Métaux SA uses various plastics in the attachments as finished parts for polymerisation such as glide inserts or auxiliary parts.
<b>K</b>	<b>Korak</b>	Burn-out plastic
<b>M</b>	<b>Med steel</b>	Material 1.4435 according to the standards DIN 17440 or AISI 316L.
<b>P</b>	<b>Pekkton®</b>	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.
<b>T</b>	<b>Pure titanium</b>	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.
<b>S</b>	<b>Syntax</b>	Titanium materials according to the standards ASTM F136 or ASTM B 348 Grade 5 ELI or Grade 23.
<b>X</b>	<b>Steel</b>	Stainless steel, corrosion-resistant
	<b>Santoprene</b>	Mouth-resistant plastic
	<b>Elastomer</b>	Mouth-resistant plastic

Chemical properties		Information on use								
Corrosion		Combination options								Technical notes
		Primary part				Secondary part				
		Casting-on	Soldering	Laser welding	Phaser welding	Casting-on	Soldering	Laser welding	Resin-bonding	
15.1 µg/cm² x 7 d			✓	✓	✓				✓	Heat treatment after soldering/lasering: Soft annealing: 700 °C 10 min - quench with H <sub>2</sub> O Hardening: 400 °C 15 min - cool slowly Pickling: pickle in 10 vol. % warm sulphuric acid (H <sub>2</sub> SO <sub>4</sub> ) Do not pickle in nitric acid (HNO <sub>3</sub> ) or hydrochloric acid (HCL)
No release detectable										Non-oxidizing alloy Cast-on only with PM alloys Can be soldered with PM and NPM alloys
1.07 µg/cm² x 7 d			✓	✓	✓				✓	Heat treatment after soldering/lasering: Soft annealing: 800 °C 10 min - quench with H <sub>2</sub> O Hardening: 400 °C 15 min - cool slowly Pickling: pickle in 10 vol. % warm sulphuric acid (H <sub>2</sub> SO <sub>4</sub> ). Do not pickle in Neacid (amid-sulphuric acid), nitric acid (HNO <sub>3</sub> ) or hydrochloric acid (HCL)
3.1 µg/cm² x 7 d			✓	✓	✓				✓	Heat treatment after soldering/lasering: Soft annealing: 700 °C 10 min - quench with H <sub>2</sub> O Hardening: 400 °C 15 min - cool slowly Pickling: pickle in 10 vol. % warm sulphuric acid (H <sub>2</sub> SO <sub>4</sub> ) Do not pickle in nitric acid (HNO <sub>3</sub> ) or hydrochloric acid (HCL)
0.20 µg/cm² x 7 d									✓	Alloy with high elasticity
0.88 µg/cm² x 7 d			✓	✓					✓	Not heat treatment after soldering/lasering! Pickling: pickle in 10 vol. % warm sulphuric acid (H <sub>2</sub> SO <sub>4</sub> ). Do not pickle in nitric acid (HNO <sub>3</sub> ) or hydrochloric acid (HCL)
0.9 µg/cm² x 7 d			✓	✓	✓				✓	Heat treatment after soldering/lasering: Soft annealing: 700 °C 10 min - quench with H <sub>2</sub> O Hardening: 400 °C 15 min - cool slowly Pickling: pickle in 10 vol. % warm sulphuric acid (H <sub>2</sub> SO <sub>4</sub> ) Do not pickle in nitric acid (HNO <sub>3</sub> ) or hydrochloric acid (HCL)
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

Information on use	
Combination options	Technical notes
	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.
	Plastic attachment elements for casting with precious metal or non-precious metal alloys The casting alloy must have a 0.2 % proof stress: Rp 0.2 % > 500 N/mm <sup>2</sup>
Supports the use of bonding agent Supports polymerisation Can be soldered	Not suitable for casting-on, lasering, phasing ⚠ Contains nickel
Supports the use of bonding agent Supports polymerisation	Not suitable for casting-on, soldering, lasering, phasing
Supports the use of bonding agent Supports polymerisation	Not suitable for casting-on, soldering, lasering, phasing
Supports the use of bonding agent Supports polymerisation	Not suitable for casting-on, soldering, lasering, phasing ⚠ Contains nickel
	Prevents the penetration of plastic, guarantees lamellae clearance and activation



# Ceramics

Livento® press and	
Soprano® 10	<u>93</u>
Soprano® 14	<u>100</u>







## Livento<sup>®</sup> press and Soprano<sup>®</sup>.

### Livento<sup>®</sup> press

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

### Soprano<sup>®</sup>

The Soprano<sup>®</sup> veneering ceramic convinces through easy and time-saving processing. Soprano<sup>®</sup> 10 can be used for the aesthetic veneering of frameworks made of lithium disilicate as well as zirconium dioxide and Soprano<sup>®</sup> 14 for the veneering of metal alloys. The shade concept as well as the product range of Soprano<sup>®</sup> 10 and Soprano<sup>®</sup> 14 are identical. – This is a great advantage for the users, who now only have to familiarise themselves with one system. The thixotropic properties of the Soprano<sup>®</sup> powder-liquid mixture allow fast and reliable layering: Soprano<sup>®</sup> is viscous during processing and remains stable after model completion.

### Livento<sup>®</sup> press and Soprano<sup>®</sup> 10 – the perfect match

The press ceramic system from Cendres+Métaux consists of the lithium disilicate glass ceramic Livento<sup>®</sup> press and the veneering ceramic Soprano<sup>®</sup> 10, two products which ideally complement each other and make colour-stable solutions possible.

# 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<sup>1</sup>, 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.
<b>Intro Kit A2</b>	<b>The introductory kit</b>			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.	5 pcs.	08055137
Livento® press	MT A2	3 pcs.	5 pcs.	08055160
Soprano® 10	Margin A2	5 g	5 g	08055173
Soprano® 10	Opaque Dentine A2	5 g	15 g	08055176
Soprano® 10	Dentine A2	5 g	15 g	08055177
Soprano® 10	Mamelon Cream	5 g	15 g	08055178
Soprano® 10	Enamel E2	5 g	25 g	08055215
Soprano® 10	Enamel Effect light-blue	5 g	15 g	08055179
Soprano® 10	Opal Effect	5 g	15 g	08055180
Soprano®	Flu-Shade A	5 g	5 g	08055181
Soprano®	Flu-Stain dark-blue	5 g	5 g	08055182
Soprano®	Flu-Stain brown	5 g	5 g	08055183
Soprano®	Glaze Paste	5 g	5 g	08055184
Soprano®	Glaze Fluid	25 ml	25 ml	08055283
Soprano®	Modeling Liquid	25 ml	100 ml	08055277
Livento® invest	Powder	5 x 100 g	50 x 100 g	08055014
Livento® invest	Liquid	250 ml	1000 ml	083739
Livento® press	Disposable Pressplunger (13 mm)	5 pcs.	50 pcs.	08055017

Item	Description	Kit	Refill	Cat. No.
<b>Shade A-B Kit</b>	<b>The main product range</b> 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.			08055073
				
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 A2	15 g	15 g	08055177
Soprano® 10	Dentine A2		25 g	08057764
Soprano® 10	Dentine A3	15 g	15 g	08055206
Soprano® 10	Dentine A3.5	15 g	15 g	08055207
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

# Press and veneering ceramic.

## Livento® press and Soprano® 10.

Item	Description	Kit	Refill	Cat. No.
Soprano® 10	Dentine B1	15 g	15 g	08055210
Soprano® 10	Dentine B1	25 g	25 g	08057768
Soprano® 10	Dentine B2	15 g	15 g	08055211
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 grey	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®	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
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

Item	Description	Kit	Refill	Cat. No.
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

**Stain & Glaze Kit****Universal stains for every ceramic**

08055075



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	MT A1	3 pcs.	5 pcs.	08055159
Livento® press	MT A2	3 pcs.	5 pcs.	08055160
Livento® press	MT B2	3 pcs.	5 pcs.	08055163
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 yellow	5 g	5 g	08055249
Soprano®	Flu-Stain orange	5 g	5 g	08055250
Soprano®	Flu-Stain intense-orange	5 g	5 g	08055251
Soprano®	Flu-Stain dark-blue	5 g	5 g	08055182
Soprano®	Flu-Stain navy-blue	5 g	5 g	08055252
Soprano®	Flu-Stain brown	5 g	5 g	08055183
Soprano®	Flu-Stain black	5 g	5 g	08055253
Soprano®	Flu-Stain grey	5 g	5 g	08055254
Soprano®	Flu-Stain pink	5 g	5 g	08055255
Soprano®	Glaze Fluid	25 ml	25 ml	08055283
Soprano®	Glaze Paste	5 g	5 g	08055184

**Gingiva Kit****Specialities for gingival supplementation**

08055076






The Gingiva Kit contains eight different veneering materials for «Pink Aesthetics» – from opaque to translucent.

Soprano® 10	Gingiva 1	5 g	5 g	08055256
Soprano® 10	Gingiva 2	5 g	5 g	08055257
Soprano® 10	Gingiva 3	5 g	5 g	08055258
Soprano® 10	Gingiva 4	5 g	5 g	08055259
Soprano® 10	Gingiva 5	5 g	5 g	08055260
Soprano® 10	Gingiva violet	5 g	5 g	08055261
Soprano® 10	Gingiva dark	5 g	5 g	08055262
Soprano® 10	Gingiva bright	5 g	5 g	08055263
Not included in the Gingiva Kit:				
Soprano® 10	Frame Modifier pink	5 g	5 g	08057773



# Press and veneering ceramic.

## Livento® press and Soprano® 10.

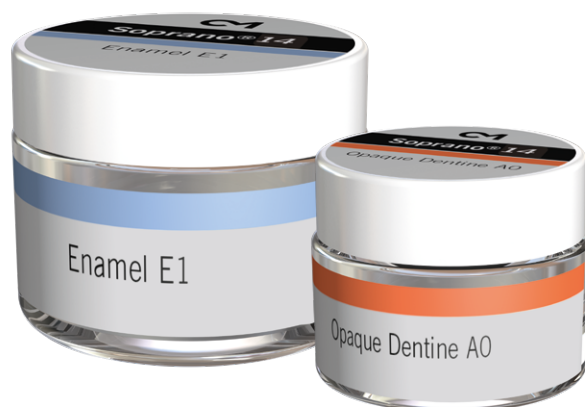
Item	Description	Kit	Refill	Cat. No.
<b>Advanced Kit</b>	<b>For the demanding dental technician</b> The Advanced Kit contains special press blanks and veneering materials. The kit is a «must» for those ceramists who focus on highest individuality and aesthetics.			08055077
				
Livento® press	ET 1	3 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-grey	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
<b>Bleaching Kit</b>	<b>If white is not white enough</b> The kit contains press blanks in four bleaching levels. The veneering materials are deliberately kept light with one Opaque Dentine and three enamel materials.			08055078
				
Livento® press	Bleach 1 MT	3 pcs.	3 pcs.	08055169
Livento® press	Bleach 2 MT	3 pcs.	3 pcs.	08055170
Livento® press	Bleach 3 MT	3 pcs.	3 pcs.	08055171
Livento® press	Bleach 4 MT	3 pcs.	3 pcs.	08055172
Soprano® 10	Bleach Opaque Dentine	5 g	5 g	08055264
Soprano® 10	Bleach Enamel 1	5 g	5 g	08055265
Soprano® 10	Bleach Enamel 2	5 g	5 g	08055266
Soprano® 10	Bleach Transpa-white	5 g	5 g	08055267
<b>Bleaching Extended Kit</b>	<b>A wealth of white</b> 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



Item	Description	Kit	Refill	Cat. No.
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
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 EO	25 g	25 g	08056963
Soprano® 10	Enamel EO		40 g	08057782
Soprano® 10	Enamel EO		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 Fluid	25 ml	25 ml	08055283
Soprano®	Glaze Paste	5 g	5 g	08055184
<b>Auxiliary materials</b>				
Livento® invest	Powder	50 x 100 g		08055014
Livento® invest	Liquid	1000 ml		083739
Livento® press	Disposable Pressplunger	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  $13.5 - 15 \times 10^{-6} \text{K}^{-1}$  (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.
<b>Intro Kit A2</b>	<b>The introductory set</b> 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.			08057500
Soprano® 14	Bonder Paste EMF Alloys	2.5 g	5 g	08057501
Soprano® 14	Paste Opaque A2	2.5 g	5 g	08057502
Soprano® 14	Margin A2	5 g	15 g	08057503
Soprano® 14	Opaque Dentine A2	5 g	25 g	08057504
Soprano® 14	Dentine A2	5 g	25 g	08057505
Soprano® 14	Enamel E2	5 g	25 g	08057506
Soprano® 14	Opal Effect	5 g	15 g	08057507
Soprano® 14	Enamel Effect light-blue	5 g	15 g	08057508
Soprano® 14	Enamel Effect clear-white	5 g	15 g	08057509
Soprano® 14	Mamelon cream	5 g	15 g	08057510
Soprano®	POWDER Flu-Shade A	2 g	2 g	08057511
Soprano®	POWDER Flu-Stain brown	2 g	2 g	08057512
Soprano®	POWDER Flu-Stain dark-blue	2 g	2 g	08057513
Soprano®	POWDER Glaze	2.5 g	7 g	08057667
Soprano®	Glaze Fluid	25 ml	25 ml	08055283
Soprano®	Modeling Liquid	25 ml	250 ml	08055277
Soprano®	Margin Liquid	25 ml	50 ml	08057516
<b>Shade A-B Kit</b>	<b>The main product range</b> 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.			08057517
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

Item	Description	Kit	Refill	Cat. No.
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
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

# Veneering ceramic.

## Soprano® 14.

Item	Description	Kit	Refill	Cat. No.
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
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 grey	15 g	15 g	08057632
Soprano® 14	Enamel Effect grey		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

Item	Description	Kit	Refill	Cat. No.
Soprano® 14	Enamel Effect Enhancer amber		25 g	08057636
Soprano® 14	Enamel Effect Enhancer dark-grey	15 g	15 g	08057637
Soprano® 14	Enamel Effect Enhancer dark-grey		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®	Glaze Fluid	25 ml	25 ml	08055283

Item	Description	Kit	Refill	Cat. No.
<b>Shade C-D Kit</b>	<b>The addition to the main product range</b>			08057668
	The kit contains materials exclusively matched to the shades C and D. This includes the materials Paste Opaquer, Margin, Opaque Dentine and Dentine.			
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
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

# Veneering ceramic.

## Soprano® 14.

Item	Description	Kit	Refill	Cat. No.
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

<b>Gingiva Kit</b>		<b>Specialities for gingival supplementation</b>			08057704
		In addition to two Paste Opaquers, light and dark, the Gingiva Kit contains nine different veneering materials for «pink aesthetics», from opaque to translucent.			
Soprano® 14	Paste Opaque Gingiva bright	5 g	5 g	08057705	
Soprano® 14	Paste Opaque Gingiva dark	5 g	5 g	08057706	
Soprano® 14	Gingiva 1	15 g	15 g	08057707	
Soprano® 14	Gingiva 1		25 g	08057708	
Soprano® 14	Gingiva 2	15 g	15 g	08057709	
Soprano® 14	Gingiva 2		25 g	08057710	
Soprano® 14	Gingiva 3	15 g	15 g	08057711	
Soprano® 14	Gingiva 3		25 g	08057712	
Soprano® 14	Gingiva 4	15 g	15 g	08057713	
Soprano® 14	Gingiva 4		25 g	08057714	
Soprano® 14	Gingiva 5	15 g	15 g	08057715	
Soprano® 14	Gingiva 5		25 g	08057716	
Soprano® 14	Gingiva violet	15 g	15 g	08057717	
Soprano® 14	Gingiva violet		25 g	08057718	
Soprano® 14	Gingiva dark	15 g	15 g	08057719	
Soprano® 14	Gingiva dark		25 g	08057720	
Soprano® 14	Gingiva bright	15 g	15 g	08057721	
Soprano® 14	Gingiva bright		25 g	08057722	
Soprano® 14	Gingiva orange	15 g	15 g	08057723	
Soprano® 14	Gingiva orange		25 g	08057724	

<b>Bleaching Kit</b>		<b>If white is not white enough</b>			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	
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	

Item	Description	Kit	Refill	Cat. No.
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®	Glaze Fluid	25 ml	25 ml	08055283

<b>POWDER Stain &amp; Glaze Universal Kit</b>	<b>Universal powder stains for every ceramic</b>			08057745
	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 POWDER Stain & Glaze Universal Kit has been meaningfully supplemented with ten "Flu-Stain" compatible stains.			
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 grey	2 g	2 g	08057755
Soprano®	POWDER Flu-Stain pink	2 g	2 g	08057756
Soprano®	POWDER Glaze	7 g	7 g	08057667
Soprano®	Glaze Fluid	25 ml	25 ml	08055283



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# Polymers

Pekkton® ivory

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## 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 material can be milled and pressed. 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.
<b>Components</b>			
	Milling blank 98.5/t12 mm	With steps	01060152
	Milling blank 98.5/t16 mm	With steps	01060011
	Milling blank 98.5/t20 mm	With steps	01060020
	Milling blank 98.5/t24 mm	With steps	01060022
	Milling blank 98.5/t28 mm	With steps	01060089
	Milling blank 95/t12 mm	Compatible with Zirkozahn®	01060110
	Milling blank 95/t16 mm	Compatible with Zirkozahn®	01060028
	Milling blank 95/t20 mm	Compatible with Zirkozahn®	01060030
	Milling blank 95/t25 mm	Compatible with Zirkozahn®	01060131
	Milling blank 95/t30 mm	Compatible with Zirkozahn®	01060132
	Press blanks	Delivery unit: pack of 10 pieces	01060003
	<b>Auxiliary materials</b>		
	Disposable press-stamp	Ø 12 mm	08000626
		Delivery unit: pack of 50 pieces	
	Disposable press-stamp	Ø 26 mm	08000627
		Delivery unit: pack of 20 pieces	
	PEKKpress mould set	Filling volume: 200 g	08000628
		Filling volume: 600 g	08000629
	Investment material CM-20	Powder. ** Delivery unit: pack of 50 bags containing 160 g (8000 g)	083872
		Liquid 1000 ml	083739
	PEKKpress	Pressing unit (220 V)	70202393
		Pressing unit (110 V)	70202896
	PEKKtherm	Temperature stabilisation and melting furnace (220 V)	70202394
		Temperature stabilisation and melting furnace (110 V)	70202897



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# Alloys

Precious metal ceramic alloys	<a href="#">112</a>
Precious metal universal and casting alloys	<a href="#">116</a>
Solders	<a href="#">120</a>
Laser welding wires	<a href="#">120</a>
Non-precious-metal ceramic alloys	<a href="#">121</a>
Round wire	<a href="#">121</a>
Platinum foil	<a href="#">121</a>







## 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.	Type (ISO 22674)	Pd-free	Cu-free	Ag-free	Indication						
							a	b	c	d	e	f	
<b>Precious metal ceramic alloys</b>													
	V-Gnathos Plus	***	01050032	4	✓	✓	✓		■	■	■	■	
	Estetitor® Ideal H	***	010865	4				■	■	■	■	■	
	Estetitor® Lumina PF	***	01000010	4	✓	✓	✓	■	■	■	■	■	
	Estetitor® Avenir	***	010972	4		✓		■	■	■	■	■	
	Estetitor® Cosmor H	***	010609	4		✓	✓	■	■	■	■	■	
	Estetitor® Special	***	010623	4				■	■	■	■	■	
	Estetitor® Prestige	***	010783	4				■	■	■	■	■	
	V-Classic	***	01050023	4					■	■	■	■	

	V-Deltaloy	**	01050001	4		✓			■	■	■	■	
	V-Delta Special	**	01050028	4					■	■	■	■	
	V-Delta SF	**	01050017	4		✓	✓		■	■	■	■	
	Estetitor® Economic	**	010617	4		✓			■	■	■	■	
	Estetitor® Plus	**	010620	4					■	■	■	■	
	Estetitor® Accurate 40	**	01000112	4		✓			■	■	■	■	■

	Cerapall 6	*	01050016	4		✓			■	■	■	■	
	Cerapall 2	*	01050011	4			✓		■	■	■	■	
	Estetitor® Biennor CF	*	011011	4		✓			■	■	■	■	
	Estetitor® CC	*	01000115	4		✓			■	■	■	■	■
	Estetitor® Blancor	*	01000108	4		✓			■	■	■	■	
	Estetitor® N2	*	01000083	4		✓			■	■	■	■	■
	Ceradelta 2	*	01050033	4		✓			■	■	■	■	■
	Estetitor® Actual	*	010614	4		✓			■	■	■	■	■
	Estetitor® NewStart	*	010898	4		✓			■	■	■	■	■
	Ceradelta	*	01050020	4		✓			■	■	■	■	■

Precious metal ceramic alloys for dental restorative systems on implants													
	Estetitor® Implant 76	***	01000038	4		✓	✓		■	■	■	■	
	Estetitor® Implant 58	**	01000030	4		✓			■	■	■	■	
	Estetitor® Implant 32	*	01000036	4		✓			■	■	■	■	

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

Composition %														
Au + Pt metals	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Ga	Ir	Ru	Rh	Fe	Others
97.85	85.90	11.70					1.50	0.10		0.05		0.20	0.05	Mn 0.10, Nb 0.40
97.00	85.50	9.90	1.50	0.40	0.80		0.50	1.10		0.10			0.20	
98.00	84.50	13.30					1.90			0.10		0.10	0.10	
97.40	84.00	10.90	2.40	0.20			2.20			0.10			0.20	
96.50	78.50	10.00	7.80					3.50		0.20				
96.10	77.30	9.80	8.90	1.20	0.30	0.50		1.50		0.10			0.20	Re 0.20
94.00	75.10		18.85	1.00	0.50	2.00	0.50	2.00		0.05				
94.06	75.00		19.00	1.00	0.44	2.00	0.50	2.00		0.01	0.05			
85.28	54.20		31.04	4.83				8.99	0.90	0.01	0.03			
78.10	52.50		25.54	17.00	0.20	3.50	0.20	1.00		0.02	0.04			
90.00	51.50		38.40					8.50	1.50		0.10			
75.50	50.00	0.45	25.00	19.00		1.00	1.00	3.50		0.05				
84.10	45.00		38.90	5.00	0.40	0.50		8.60	1.40		0.20			
77.00	40.00		36.80	13.30				9.50	0.20		0.20			
81.60	6.10		75.00	6.40		0.10		5.90	6.00		0.50			
81.00	2.00		78.50		6.90	2.00	0.10	4.50	5.50		0.50			
80.00	2.00		77.60	5.00		6.40	4.60		4.00		0.40			
64.49	12.00		52.29	23.00		2.00		10.00	0.50		0.20			B 0.01
58.49	1.00		57.29	29.00		1.00		11.00	0.50		0.20			B 0.01
67.60	15.20	0.20	52.00	20.00		5.40		6.00	1.00		0.20			
61.50			61.45	24.45		10.00	2.00	2.00			0.05			B 0.05
53.80			53.60	37.59		8.60					0.20			B 0.01
58.30			58.00	29.99		6.00	1.70	4.00			0.30			B 0.01
57.50			57.45	32.00		2.00	1.00	6.00	1.50		0.05			
96.90	76.80	1.35	18.60			2.90	0.20			0.15				
87.50	58.50		28.85	8.00		4.50				0.05	0.10			
73.00	32.00		40.85	19.00		5.00		3.00			0.15			



# Precious metal ceramic alloys.

Colour	Alloys	Cat. No.	Physical properties:					Mechanical properties		
			CTE   10 <sup>-6</sup> K <sup>-1</sup>		Density	Melting range	Young's Modulus	Hardness HV5		
			(25-500°C)	(25-600°C)	g/cm <sup>3</sup>	°C	GPa	After casting	After firing	
<b>Precious metal ceramic alloys</b>										
	V-Gnathos Plus	***	01050032	14.3	14.5	18.8	1025-1190	80	185	215
	Estetecor® Ideal H	***	010865	14.5	14.7	18.4	1045-1170	90	160	195
	Estetecor® Lumina PF	***	01000010	14.2	14.6	18.9	1045-1205	90	205	230
	Estetecor® Avenir	***	010972	14.2	14.6	18.7	1055-1185	100	205	240
	Estetecor® Cosmor H	***	010609	13.8	14.0	17.9	1120-1280	100	195	215
	Estetecor® Special	***	010623	13.7	13.9	17.7	1160-1275	110	185	200
	Estetecor® Prestige	***	010783	14.0	14.3	16.4	1120-1250	115	210	230
	V-Classic	***	01050023	14.0	14.3	16.4	1135-1270	105	220	250

	V-Deltaloy	**	01050001	14.1	14.3	14.7	1115-1295	125	250	255
	V-Delta Special	**	01050028	14.7	14.9	14.4	1155-1265	115	205	250
	V-Delta SF	**	01050017	13.6	13.9	14.5	1210-1310	115	225	245
	Estetecor® Economic	**	010617	14.8	15.1	14.0	1145-1255	120	205	235
	Estetecor® Plus	**	010620	13.9	14.2	13.8	1115-1285	135	235	260
	Estetecor® Accurate 40	**	01000112	14.1	14.4	13.6	1210-1295	125	235	245

	Cerapall 6	*	01050016	13.7	14.0	11.7	1135-1340	120	260	255
	Cerapall 2	*	01050011	13.5	13.9	11.4	1165-1285	130	305	280
	Estetecor® Biennor CF	*	011011	13.8	14.2	11.4	1155-1315	120	245	235
	Estetecor® CC	*	01000115	14.3	14.6	11.8	1200-1305	130	305	260
	Estetecor® Blancor	*	01000108	14.3	14.6	11.3	1205-1310	135	300	260
	Estetecor® N2	*	01000083	14.1	14.4	12.0	1150-1265	120	295	260
	Ceradelta 2	*	01050033	14.2	14.6	11.3	1160-1265	125	315	265
	Estetecor® Actual	*	010614	14.8	15.1	11.2	1190-1270	125	225	225
	Estetecor® NewStart	*	010898	14.5	14.9	11.2	1180-1270	135	265	220
	Ceradelta	*	01050020	14.6	14.9	11.3	1135-1275	110	255	250

Precious metal ceramic alloys for dental restorative systems on implants										
	Estetecor® Implant 76	***	01000038	13.7	13.9	16.9	1165-1290	115	205	235
	Estetecor® Implant 58	**	01000030	13.9	14.0	15.1	1215-1305	120	240	260
	Estetecor® Implant 32	*	01000036	14.2	14.5	13.1	1215-1290	125	225	240

Colour	Use

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

			<b>Solders</b>				<b>Laser welding wire</b>
			Before firing		After firing		
Proof stress Rp 0.2% MPa After firing	Yield strength (Rm) MPa After firing	Elongation A5 %					
530	610	6	S.G 1030		S.G 750		LW N° 1
500	615	12	S.G 1030		S.G 810	S.G 750	LW N° 1
640	715	5	S.G 1030			S.G 750	LW N° 1
670	755	6	S.G 1030		S.G 810	S.G 750	LW N° 1
565	705	13	S.G 1080		S.G 810	S.G 750	LW N° 2
490	635	8	S.G 1080		S.G 810	S.G 750	LW N° 3
520	680	12	S.G 1080		S.G 810	S.G 750	LW N° 2
565	735	15	S.W 1125		S.G 750		LW N° 2
635	865	9	S.W 1100	S.G 1080	S.G 750		LW N° 3
510	705	7	S.W 1100		S.G 750		LW N° 3
525	790	25	S.W 1125	S.G 1120	S.G 750		LW N° 3
535	750	15	S.W 1100		S.G 810	S.G 750	LW N° 2
580	865	23	S.W 1100		S.G 810	S.G 750	LW N° 2
490	715	15	S.W 1125		S.G 750		LW N° 2
530	830	34	S.W 1125	S.G 1120	S.G 750		LW N° 2
590	860	34	S.W 1125	S.G 1080	S.G 750		LW N° 2
515	830	43	S.G 1055				LW N° 2
645	865	9	S.W 1125		S.G 750		LW N° 2
605	845	13	S.W 1100		S.G 750		LW N° 3
565	855	13	S.W 1100		S.G 810	S.G 750	LW N° 3
540	760	14	S.G 1120		S.G 750		LW N° 3
520	785	25	S.W 1100		S.G 810	S.G 750	LW N° 3
525	785	32	S.W 1100		S.G 810	S.G 750	LW N° 3
565	780	13	S.G 1120		S.G 750		LW N° 2
630	785	10	S.G 1055	S.G 1030	S.G 750		LW N° 3
610	820	13	S.G 1055	S.G 1030	S.G 750		LW N° 3
555	820	17	S.G 1055	S.G 1030	S.G 750		LW N° 3

# Precious metal universal and casting alloys.

Colour	Alloys	Cat. No.	Type (ISO 22674)	Pd-free	Cu-free	Indication						Composition %			
						a	b	c	d	e	f	Au + Pt metals	Au	Pt	
<b>Universal alloys</b>															
	BioEthic	***	010923	4	◇	◇	■	■	■	■	■	■	97.87	86.70	10.75
	DGVO8 H	***	010922	4		◆	■	■	■	■	■	■	80.50	73.10	1.50
	Esteticor® Ecologic	*	010994	4		◆	■	■	■	■	■	■	49.00	32.00	2.00

<b>Casting alloys</b>															
	Opticast	***	010869	2	✓		■						83.30	83.20	
	Aurofluid 2 PF	***	01050010	2	✓		■	■	■				79.06	78.05	0.99
	Pontor MPF	***	01050021	4	✓		■	■	■	■	■	■	75.62	72.00	3.60
	Neocast 3	***	010646	4	✓		■	■	■	■	■	■	75.40	71.60	3.75
	Protor 3	***	010654	4			■	■	■	■	■	■	75.35	68.60	2.45
	Pontor 2	**	01050022	4			■	■	■	■	■	■	66.50	63.00	0.50
	Dentalor 60	**	010636	4			■	■	■	■	■	■	63.50	60.00	0.45
	Solaro 3	**	01050007	4			■	■	■	■	■	■	61.50	56.00	0.40
	Medior 3	**	010641	4			■	■	■	■	■	■	61.00	55.00	
	Solaro 4	**	01000114	4			■	■	■	■	■	■	49.50	45.00	
	Yellow Special	**	01050026	4			■	■	■	■			43.20	41.00	0.45
	Strator 3	*	010675	3		✓		●	●	●	●	●	40.00	20.00	
	Pagaliner 2	*	01050024	4			■	■	■				31.41	12.50	
	Pallorag 33	*	010651	4				■	■	■	■		30.00	10.00	
	Pagalin 2	*	01050012	4			■	■	■				26.05	3.00	

Colour	Use
	a: Inlays, onlays, 3/4-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	Delivery form
*** = High gold content	■ = Casting plates
** = Reduced gold content	● = Casting granules
* = Ag-based	











	Pd	Ag	Cu	Sn	Zn	In	Ir	Others
		0.03		0.10	1.50	0.20	0.02	Ta 0.30, Rh 0.40
	5.80	16.00		0.50	2.80	0.20	0.10	
	15.00	42.00				9.00		
		8.00	8.50		0.20		0.10	
		11.50	8.50		0.94		0.02	
		13.70	9.78		0.90		0.02	
		12.70	10.80		1.10		0.05	
	3.95	11.85	10.60		2.50		0.05	
	3.00	20.00	12.00		1.50			Ru < 1.00
	3.00	22.50	12.50		1.50		0.05	
	5.00	25.00	11.80		1.70		0.10	
	5.95	26.00	10.90		2.10			Ru 0.05
	4.48	41.00	9.50					Ru 0.02
	1.70	44.90	11.00	0.20	0.70			Ru 0.05
	19.95	40.00			4.00	16.00		Ru 0.05
	18.90	53.65	14.29		0.65			Ru 0.01
	20.00	59.50	9.50		1.00			
	23.00	65.00	6.45		0.50	2.00	0.05	

Physical properties:				
CTE   10 <sup>-6</sup> K <sup>-1</sup>		Density	Melting range	Young's Modulus
(25–500°C)	(25–600°C)	g/cm <sup>3</sup>	°C	GPa
14.5	14.8	19.0	1025–1145	90
16.0	16.4	15.8	960–1065	105
17.0	17.5	12.7	990–1065	95
		16.4	915–935	90
		15.9	895–960	90
		15.5	895–940	90
		15.5	890–935	90
		15.0	895–960	135
		14.2	870–920	115
		13.8	860–900	95
		13.7	875–935	110
		13.4	870–925	105
		12.9	885–945	85
		12.5	825–900	90
		11.4	855–900	75
		11.1	900–980	110
		10.9	935–1020	95
		10.8	975–1070	95

# Precious metal universal and casting alloys.

Colour	Alloys	Cat. No.	Mechanical properties								
			Hardness HV5				Proof stress Rp 0.2% MPa				
			After casting	After firing	Soft	Hardened	After casting	After firing	Soft	Hardened	
<b>Universal alloys</b>											
	<b>BioEthic</b>	***	010923	185	220	95	210	435	525	180	575
	<b>DGVO8 H</b>	***	010922	230	240	180	265	620	675	335	720
	<b>Esteticor® Ecologic</b>	*	010994	190	220	180	220	435	515	360	535

<b>Casting alloys</b>											
	<b>Opticast</b>	***	010869	115		115		215		245	
	<b>Aurofluid 2 PF</b>	***	01050010	140		125	135	280		245	320
	<b>Pontor MPF</b>	***	01050021	240		150	220	545		320	490
	<b>Neocast 3</b>	***	010646	245		180	240	610		405	635
	<b>Protor 3</b>	***	010654	270		175	275	685		410	680
	<b>Pontor 2</b>	**	01050022	265		160	260	730		365	690
	<b>Dentalor 60</b>	**	010636	265		170	250	830		475	845
	<b>Solaro 3</b>	**	01050007	295		175	260	885		350	600
	<b>Medior 3</b>	**	010641	295		170	280	865		435	815
	<b>Solaro 4</b>	**	01000114	170		120	215	435		245	610
	<b>Yellow Special</b>	**	01050026	160		130	260	400		275	440
	<b>Strator 3</b>	*	010675	175		125	165	315		230	305
	<b>Pagaliner 2</b>	*	01050024	185		135	240	430		300	340
	<b>Pallorag 33</b>	*	010651	170		135	230	430		280	615
	<b>Pagalin 2</b>	*	01050012	175		135	230	390		250	400

Colour	Use
 Yellow	 a: Inlays, onlays, 3/4-crowns
 Bright yellow	 c: Bridges small span widths
 Pale yellow	 e: Milling work
 White	 b: Single crowns
	 d: Bridges large span widths
	 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	Delivery form
*** = High gold content	■ = Casting plates
** = Reduced gold content	● = Casting granules
* = Ag-based	

									<b>Solders</b>			<b>Laser welding wire</b>
									Before firing	After firing		
Yield strength (Rm) MPa				Elongation A5 %								
After casting	After firing	Soft	Hardened	After casting	After firing	Soft	Hardened					
550	655	350	660	5	6	29	5	S.G 1030	S.G 810	S.G 750	LW N° 1	
695	745	475	795	4	5	21	5	S.G 880	S.G 700		LW N° 4	
625	685	580	690	7	8	12	6	S.G 920	S.G 700		LW N° 4	
									Main solder	Second solder		
395		355		41		56		S.G 810	S.G 750		LW N° 5	
425				48		40	30	S.G 810	S.G 750		LW N° 5	
685		465	580	17		38	19	S.G 810	S.G 750		LW N° 5	
725		535	750	17		33	14	S.G 810	S.G 750		LW N° 5	
850		535	780	13		35	12	S.G 810	S.G 750		LW N° 5	
810		475	740	9		42	15	S.G 810	S.G 750		LW N° 6	
895		580	890	12		48	10	S.G 810	S.G 750		LW N° 6	
980				5		30	10	S.G 810	S.G 750		LW N° 6	
930		560	905	4		35	5	S.G 810	S.G 750		LW N° 6	
595		415	755	19		38	12	S.G 810	S.G 750		LW N° 6	
515		450	670	20		31	13	S.G 750	S.G 700		LW N° 6	
535		465	530	5		7	5	S.G 810	S.G 750			
550				22		25	12	S.G 810	S.G 750		LW N° 6	
575		505	810	15		24	9	S.G 810	S.G 750		LW N° 7	
580				22		20	7	S.G 880	S.G 750		LW N° 7	

# Alloys.

## Solders


Solders														
Colour	Description	Cat. No. Solder rod Ø 0.8 mm x 200 mm	Indications		Melting range °C	Composition in weight %								
			A	B		Au + Pt metals	Au	Pt	Pd	Ag	Cu	Zn	Ir	Others
	<b>S.G 700</b>	010875	A	B	650–710	72.90	72.40	0.45		10.20	2.90	12.00	0.05	In 2.00
	<b>S.G 750</b>	010895	A	B	700–750	76.10	75.10	1.00		11.75		12.15		
	<b>S.G 810</b>	010916	A	B	740–810	76.10	75.10	1.00		14.50		9.40		
	<b>S.G 880</b>	010878	A		840–880	78.90	75.90	2.90		10.20	5.90	5.00	0.10	
	<b>S.G 920</b>	010974	A		880–920	89.10	88.10	0.90		3.00	5.10	2.80	0.10	
	<b>S.G 1030</b>	010822	A		990–1040	85.50	85.00	0.45		13.50		1.00	0.05	
	<b>S.G 1055</b>	010888	A		1020–1070	82.40	80.00	2.40		16.90		0.70		
	<b>S.G 1080</b>	010819	A		1060–1080	83.00	80.00	3.00		17.00				
	<b>S.G 1120</b>	01050030	A		1040–1120	80.10	75.10		5.00	18.90				Sn 1.00
	<b>S.G 1155</b>	010826	A		1060–1155	78.00	64.50	5.00	8.50	20.00		2.00		
	<b>S.W 1100</b>	010918	A		1010–1100	80.50	72.50		7.90	14.50	4.00		0.10	In 1.00
	<b>S.W 1125</b>	01050031	A		1010–1130	95.50	85.00		10.50			4.50		

Colour	Use
	A = Flame soldering
	B = Furnace soldering
	
	

## Laser welding wires

Laser welding wires													
Description	Cat. No.	Melting range °C	Composition in weight %										
			Au + Pt metals	Au	Pt	Pd	Ag	Cu	Zn	In	Ir	Others	
<b>LW N° 1</b>	01050039	1045–1205	98.00	84.50	13.30					1.90		0.10	Rh 0.10, Fe 0.10
<b>LW N° 2</b>	01050043	1120–1250	94.00	75.10		18.85	1.00	0.50	0.50	2.00	0.05		Sn 2.00,
<b>LW N° 3</b>	01050040	1165–1290	96.90	76.80	1.35	18.60			0.20		0.15		Sn 2.90,
<b>LW N° 4</b>	01050042	975–1090	83.50	75.10	8.30		13.80		2.30	0.20	0.10		Ta 0.10, Mn 0.10
<b>LW N° 5</b>	01050041	890–935	75.40	71.60	3.75		12.70	10.80	1.10		0.05		
<b>LW N° 6</b>	01050038	870–920	66.50	63.00	0.50	3.00	20.00	12.00	1.50				Ru <1.00
<b>LW N° 7</b>	01050044	915–1005	79.90	69.90	9.50		13.30	2.90	1.90	2.00	0.10		Rh 0.40

## Non-precious-metal ceramic alloys

Image	Item	Description	Cat. No.
<b>Components</b>			
	Metalloy CC - 1000 g		MD.300005930
	Metalloy CC - 100 g		MD.300005932
	Metalloy CC - S1, 3 g		MD.300005934
	Metalloy CC - LW, 2 m, Ø 0.35 mm		MD.300005938

## Round wire

Item	Colour	Melting range °C	Composition in weight %							Ø mm	Length mm	Use	Cat. No.
			Au	Pt	Ag	Pd	Cu	Zn	Ir				
<b>Elasticor Wire</b>	pale yellow	950–1050	61.00	13.50	16.50	–	9.00	–	–	1.15	200	Clasps	010267

## Platinum foil

Item	Colour	Melting point °C	Composition in weight %	Thickness mm	Description	Cat. No.
<b>Platinum foil</b>	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

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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.

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## Model fabrication

Image	Item	Description	Cat. No.
	<b>Polyurock Kit</b>	is made of: 1 x Base 1 kg 1 x Catalyst 200 ml 25 Cups 100 ml 25 Cups 50 ml 50 Spatulas	08052138
	<b>Polyurock Catalyst</b> <b>Polyurock Release Spray</b> <b>Polyurock Mixer</b> <b>Polyurock Colour yellow</b>		08052135 08052136 08052137 08052566








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## Waxing

### 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.
	<b>Universal</b>	C & B work	blue	65 °C	medium	08052149
	<b>Creativ light</b>	Aesthetic Wax-up	beige	66 °C	hard	08052150
	<b>Creativ dark</b>	Contrasts	brown	66 °C	hard	08052151
	<b>Special</b>	Wax-up und C&B work	grey	66 °C	hard	08052154
	<b>Margin</b>	First layers	red	67 °C	medium	08052148
	<b>Position</b>	Positioning	orange	20–30 °C	flexible	08052153
	<b>Tecno</b>	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.
	<b>uniVest Plus</b>	Universal, phosphate-bonded, graphite- and gypsum-free precision investment material for all precious metal and NPM alloys. Powder: Pack with 30 bags of 150 g (4500 g) Liquid: 1000 ml	08052160 08052161
	<b>uniVest Rapid</b>	Graphite-free, phosphate-bonded, precision investment material for all precious metal and NPM alloys. Suitable for standard preheating or speed processes. Powder: Pack with 30 bags of 150 g (4500 g) Liquid: 1000 ml	08052162 08052163
	<b>CM-20</b>	Rapid casting and conventional preheating technique. Graphite-free investment material on quartz and cristobalite basis for precious metal and non-precious metal alloys. Powder: Pack with 50 bags of 150 g (8000 g) Liquid: 1000 ml	083872 083739
	<b>Livento® invest</b>	Special investment material of the latest generation for lithium disilicate and other pressed ceramics. Powder: Pack with 50 bags of 100 g (5000 g) Liquid: 1000 ml	08055014 083739
	<b>Expandex roll</b>	Roll with 20 m For lining casting cylinders to achieve optimum expansion values. (being sold off)	083413


## Pressing

Image	Item	Description	Cat. No.
	<b>Livento® press pressplungers</b>	Press-stamp 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 investment	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. 50g	08052307

# General information.

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## **Guidelines for order processing**

This catalogue helps you to select the right products and contains guidelines for order processing.

## **Instruction manuals**

For the latest technical data on the correct processing of the products, please refer to the instruction manuals at [www.cmsa.ch/docs](http://www.cmsa.ch/docs)

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## **Liability**

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.

## **Replacement parts**

For products deleted from our sales programme, we guarantee delivery of replacement parts for the next 10 years. Replacement parts are all those parts which are not permanently fixed to the anchor tooth in the mouth. A complete list of available spare parts can be found on our website at [www.cmsa.ch](http://www.cmsa.ch).

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Some of the products listed in this document may possibly not be available in all countries. The points of sale are listed on the website [www.cmsa.ch](http://www.cmsa.ch).

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