



## **Cendres+Métaux Medtech Prosthetic Line Catalogue.**

The product portfolio for dental  
laboratories and dental practices.





# 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

# Table of Contents.

## prosthetic.line

### Implantology

CM LOC®	<u>06</u>
Dalbo® Abutment	<u>18</u>

### Attachments

Slide attachments	<u>24</u>
M-SG® Star 1	<u>25</u>
M-SG® Star 2	<u>27</u>
Mini-SG® F/R	<u>29</u>
Mini-SG® PLUS	<u>31</u>
Mini-SG®	<u>33</u>
SG® Slide attachment	<u>35</u>
Mini-Dalbo®	<u>37</u>
Tecnoroach	<u>38</u>

Anchors	<u>40</u>
Dalbo®-PLUS	<u>41</u>
Dalbo®-Classic	<u>43</u>
Dalbo®-B	<u>45</u>
Dalbo®-Z	<u>47</u>
CM LOC®	<u>49</u>
Pro-Snap	<u>51</u>
Eccentric	<u>52</u>
Mini-Gerber PLUS	<u>53</u>

Bars	<u>56</u>
Dolder® System	<u>57</u>
Round bar with rider	<u>559</u>
Ackermann-Bar	<u>60</u>

### Screws and retention

elements	<u>62</u>
CM hex screw system	<u>63</u>
Mini-Presso-Matic	<u>65</u>

Replacement parts	<u>67</u>
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### Endodontics

Root canal posts	<u>74</u>
Mooser root canal post	<u>75</u>
CM root canal post	<u>77</u>
MP-Post	<u>79</u>

Root canal anchors	<u>81</u>
Dalbo®-Rotex	<u>81</u>
Rotex	<u>85</u>
Rotex-RD	<u>87</u>

Materials	<u>89</u>
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## Implantology

CM LOC® 06Dalbo® Abutment 18



# 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.



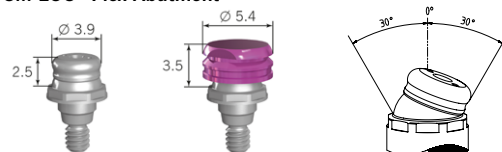
Cendres+Métaux developed a modular abutment concept with improved design to meet the complex and challenging clinical situation of hybrid dentures. The design of the female part with retention inserts made of the high-performance polymer Pekkton® offers good wear resistance, which also enables the restoration 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° (± 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






Polymers

Alloys

Laboratory materials

Miscellaneous



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

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

Attachments

Endodontics

Materials

Ceramics

Polymers

Alloys

Laboratory materials

Miscellaneous

# 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

# 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	0500 1462
	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



# 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	0500 2014
	CM LOC®	Abutment	Dentsply Ankylos® C 3.5, 4.5, 5.5, 7.0 GH2	25 Ncm	0500 2015
	CM LOC®	Abutment	Dentsply Ankylos® C 3.5, 4.5, 5.5, 7.0 GH3	25 Ncm	0500 2016
	CM LOC®	Abutment	Dentsply Ankylos® C 3.5, 4.5, 5.5, 7.0 GH4	25 Ncm	0500 2017
	CM LOC®	Abutment	Dentsply Ankylos® C 3.5, 4.5, 5.5, 7.0 GH5	25 Ncm	0500 2018
	CM LOC®	Case Guide	Dentsply Ankylos® C 3.5, 4.5, 5.5, 7.0	–	0500 2020
	CM LOC® FLEX	Abutment	Dentsply Ankylos® C 4.5, 5.5, 7.0 GH1	25 Ncm	0500 2002
	CM LOC® FLEX	Abutment	Dentsply Ankylos® C 4.5, 5.5, 7.0 GH2	25 Ncm	0500 2003
	CM LOC® FLEX	Abutment	Dentsply Ankylos® C 4.5, 5.5, 7.0 GH3	25 Ncm	0500 2004
	CM LOC® FLEX	Abutment	Dentsply Ankylos® C 4.5, 5.5, 7.0 GH4	25 Ncm	0500 2005
	CM LOC® FLEX	Abutment	Dentsply Ankylos® C 4.5, 5.5, 7.0 GH5	25 Ncm	0500 2006
	CM LOC® FLEX	Case Guide	Dentsply Ankylos® C 4.5, 5.5, 7.0	–	0500 2008
Sweden+Martina	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.3 GH1	30 Ncm	0500 2119
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.3 GH2	30 Ncm	0500 2120
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.3 GH3	30 Ncm	0500 2121
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.3 GH4	30 Ncm	0500 2122
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.3 GH5	30 Ncm	0500 2123
	CM LOC®	Case Guide	Sweden+Martina Premium Kohno 3.3	–	0500 2189
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.8 GH1	30 Ncm	0500 2124
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.8 GH2	30 Ncm	0500 2125
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.8 GH3	30 Ncm	0500 2126
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.8 GH4	30 Ncm	0500 2127
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 3.8 GH5	30 Ncm	0500 2128
	CM LOC®	Case Guide	Sweden+Martina Premium Kohno 3.8	–	0500 2190
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 3.8 GH1	30 Ncm	0500 2266
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 3.8 GH2	30 Ncm	0500 2267
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 3.8 GH3	30 Ncm	0500 2268
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 3.8 GH4	30 Ncm	0500 2269
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 3.8 GH5	30 Ncm	0500 2270
	CM LOC® FLEX	Case Guide	Sweden+Martina Premium Kohno 3.8	–	0500 2310
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 4.25 GH1	30 Ncm	0500 2129
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 4.25 GH2	30 Ncm	0500 2130
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 4.25 GH3	30 Ncm	0500 2131
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 4.25 GH4	30 Ncm	0500 2132
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 4.25 GH5	30 Ncm	0500 2133
	CM LOC®	Case Guide	Sweden+Martina Premium Kohno 4.25/5.0/6.0	–	0500 2192
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 4.25 GH1	30 Ncm	0500 2271
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 4.25 GH2	30 Ncm	0500 2272
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 4.25 GH3	30 Ncm	0500 2273
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 4.25 GH4	30 Ncm	0500 2274
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 4.25 GH5	30 Ncm	0500 2275
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH1	30 Ncm	0500 2134
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH2	30 Ncm	0500 2135
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH3	30 Ncm	0500 2136
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH4	30 Ncm	0500 2137
	CM LOC®	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH5	30 Ncm	0500 2138
	CM LOC®	Case Guide	Sweden+Martina Premium Kohno 4.25/5.0/6.0	–	0500 2192
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH1	30 Ncm	0500 2276
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH2	30 Ncm	0500 2277
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH3	30 Ncm	0500 2278
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH4	30 Ncm	0500 2279
	CM LOC® FLEX	Abutment	Sweden+Martina Premium Kohno 5.0/6.0 GH5	30 Ncm	0500 2280
	CM LOC® FLEX	Case Guide	Sweden+Martina Premium Kohno 4.25/5.0/6.0	–	0500 2312

			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	0500 2159
	CM LOC®	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH2	30 Ncm	0500 2160
	CM LOC®	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH3	30 Ncm	0500 2161
	CM LOC®	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH4	30 Ncm	0500 2162
	CM LOC®	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH5	30 Ncm	0500 2163
	CM LOC®	Case Guide	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0	–	0500 2197
	CM LOC® FLEX	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH1	30 Ncm	0500 2566
	CM LOC® FLEX	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH2	30 Ncm	0500 2567
	CM LOC® FLEX	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH3	30 Ncm	0500 2568
	CM LOC® FLEX	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH4	30 Ncm	0500 2569
	CM LOC® FLEX	Abutment	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0 GH5	30 Ncm	0500 2570
	CM LOC® FLEX	Case Guide	Osstem® TS Regular 4.0/4.5/5.0/6.0/7.0	–	0500 2586
	CM LOC®	Abutment	Osstem® TS Mini 3.5 GH1	30 Ncm	0500 2590
	CM LOC®	Abutment	Osstem® TS Mini 3.5 GH2	30 Ncm	0500 2591
	CM LOC®	Abutment	Osstem® TS Mini 3.5 GH3	30 Ncm	0500 2592
	CM LOC®	Abutment	Osstem® TS Mini 3.5 GH4	30 Ncm	0500 2593
	CM LOC®	Abutment	Osstem® TS Mini 3.5 GH5	30 Ncm	0500 2594
	CM LOC®	Case Guide	Osstem® TS Mini 3.5	–	0500 2596
	CM LOC®	Abutment	Osstem® US Regular 4.1 GH1	30 Ncm	0500 2154
	CM LOC®	Abutment	Osstem® US Regular 4.1 GH2	30 Ncm	0500 2155
	CM LOC®	Abutment	Osstem® US Regular 4.1 GH3	30 Ncm	0500 2156
	CM LOC®	Abutment	Osstem® US Regular 4.1 GH4	30 Ncm	0500 2157
	CM LOC®	Abutment	Osstem® US Regular 4.1 GH5	30 Ncm	0500 2158
	CM LOC®	Case Guide	Osstem® US Regular 4.1	–	0500 2196
	CM LOC®	Abutment	Osstem® SS Regular 4.8 GH1	30 Ncm	0500 2149
	CM LOC®	Abutment	Osstem® SS Regular 4.8 GH2	30 Ncm	0500 2150
	CM LOC®	Abutment	Osstem® SS Regular 4.8 GH3	30 Ncm	0500 2151
	CM LOC®	Abutment	Osstem® SS Regular 4.8 GH4	30 Ncm	0500 2152
	CM LOC®	Abutment	Osstem® SS Regular 4.8 GH5	30 Ncm	0500 2153
	CM LOC®	Case Guide	Osstem® SS Regular 4.8	–	0500 2195

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Attachments

Endodontics

Materials

Ceramics

Polymers

Alloys

Laboratory materials

Miscellaneous

# Implantology

CM LOC® 07

Dalbo® Abutment 19





# Dalbo<sup>®</sup> 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<sup>®</sup>.

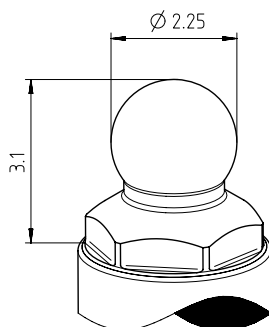
The compact spherical shape of the Dalbo<sup>®</sup> ball anchor is extremely resilient. It has been scientifically proven that the special design and the combination with precious metal retention inserts made of Elitor<sup>®</sup> ensure reliable function and long durability. This significantly reduces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

The original Dalbo<sup>®</sup> ball anchor is today part of the Swiss Dalbo<sup>®</sup> System, for use on implants and natural teeth. The Dalbo<sup>®</sup> 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.
Compatible female parts for the Dalbo® Abutment			
	Dalbo® PLUS	The top and comfort model	See page 42
	Dalbo® Classic	The space miracle	See page 44
	Dalbo® B	The original, the archetype	See page 46

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

# Dalbo® Abutment.

## Compatible implant systems.

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



			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
Zimmer	Dalbo®	Abutment	Conelog® 3.8/4.3, GH5	Torque 30 Ncm	05002788
	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
MIS® (wide platform)	Dalbo®	Abutment	Zimmer Tapered Screw-Vent® 4.5, GH5	Torque 30 Ncm	05002938
	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
BioHorizons®	Dalbo®	Abutment	MIS® Seven 4.5, GH5	Torque 30 Ncm	05002938
	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
Sweden+Martina	Dalbo®	Abutment	BioHorizons® Internal 4.5, GH5	Torque 30 Ncm	05002938
	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

## Slide attachments 24

M-SG® Star 1	<u>25</u>
M-SG® Star 2	<u>27</u>
Mini-SG® F/R	<u>29</u>
Mini-SG® PLUS	<u>31</u>
Mini-SG®	<u>33</u>
SG® Slide attachment	<u>35</u>
Mini-Dalbo®	<u>37</u>
Tecnoroach	<u>38</u>

## Anchors 40

## Bars 56

## Screws and retention elements 62

## Replacement parts 67



## 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.

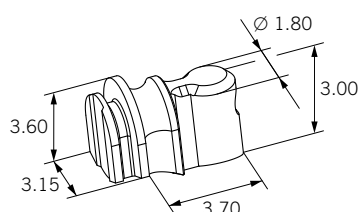
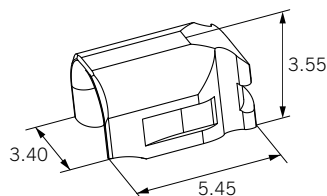
### Slide attachment anchored partial dentures – advantages

- 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.

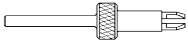


Adjustable, extracoronar friction-retained slide attachment.



## 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 extracoronar 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.
Auxiliary instruments			
	Special parallelometer insert	Used to place the male part	072 627
	Insert remover	For removing the friction insert	07000056
	Tweezers	For inserting and removing the friction insert	070 347

Attachments

Endodontics

Materials

Ceramics

Polymers

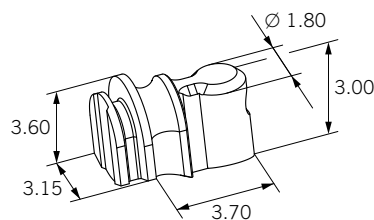
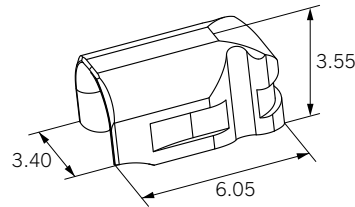
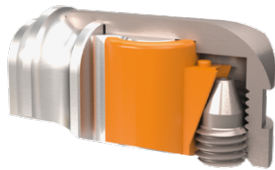
Alloys

Laboratory materials

Miscellaneous

# M-SG® Star 2.

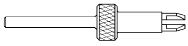


Screw-activated, extracoronal friction-retained slide attachment.



## Characteristics

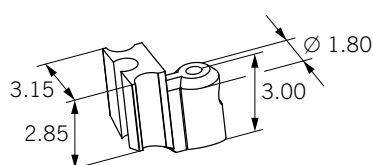
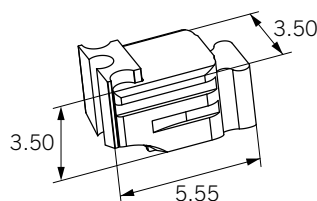
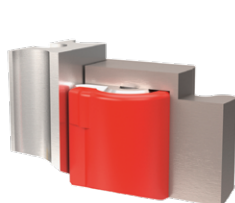
- Guide grooves integrated in the attachment
- Screw-activated plastic inserts
- Significant time savings of up to 40 % (!) by eliminating the fabrication of a custom-milled bracing arm
- Compact design with rounded edges:
  - saves time
  - optimises aesthetics
- The extracoronal position enables a 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> Orange (normal friction) Violet (strong friction)	Delivery unit: pack of 5 pieces Friction tolerance: 100 – approx. 600 g Friction tolerance: 500 – approx. 1000 g	055 774 055 811
	<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.

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



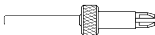

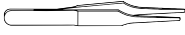


## Characteristics

- 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 extracoronaral position enables a preparation which is gentle on tooth substance

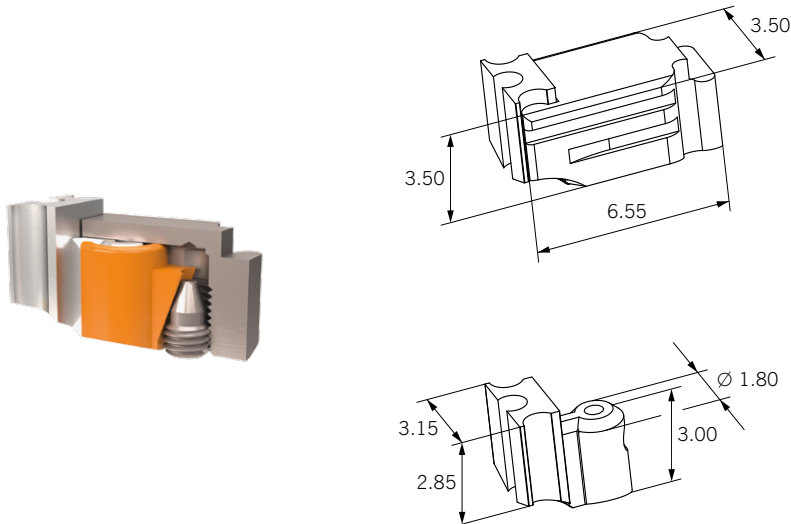
Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Mini-SG® F/R TV</b>	Male part cast-on	055 534
	<b>Mini-SG® F/R TC</b>	Male part cast-on	055 543
	<b>Mini-SG® F/R TK</b>	Male part burn-out	055 532
	<b>Mini-SG® F/R CC</b>	Male part and female part cast-on	055 675
	<b>Mini-SG® F/R CK</b>	Male part burn-out, female part cast-on	055 699
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.			
<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
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.			
	<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>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.

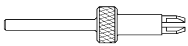


Extracoronaral, screw-activated slide attachment.



## Characteristics

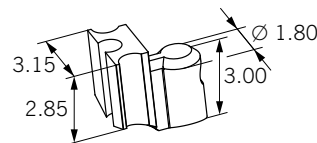
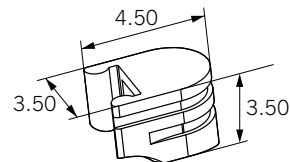
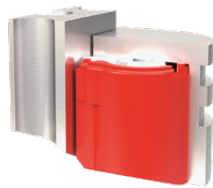
- Guide grooves integrated in the attachment
- Significant time and cost savings in processing of up to 40 % (!) due to integrated guide grooves
- Low-maintenance functional principle – gentle, low-abrasion friction in the plastic
- Patients consider friction in plastic extremely pleasant.
- The denture 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	055 802
	<b>Mini-SG® PLUS TK</b>	Male part burn-out	055 804
		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).	055 807
	<b>Friction insert G</b> Orange (normal friction) Violet (strong friction)	Delivery unit: pack of 5 pieces Friction tolerance: 100 – approx. 600g Friction tolerance: 500 – approx. 1000g	055 774 055 811
	<b>Activating screw T</b>	For fine adjustment of friction	055 775
	<b>Male part V</b> <b>Male part K</b>	Cast-on Burn-out plastic	055 517 055 529
<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.	072 649
	<b>Transfer jig</b>	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	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®.

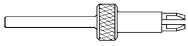


## Extracoronaral, adjustable friction-grip attachment.



### Characteristics

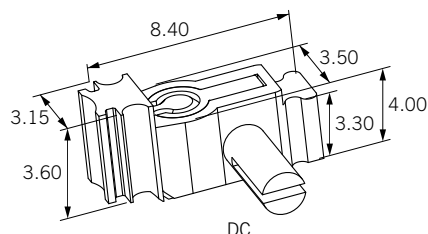
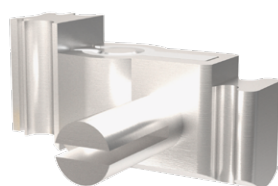
- Guide grooves integrated in the attachment
- Easily adjustable thanks to the exchange of four different friction inserts

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

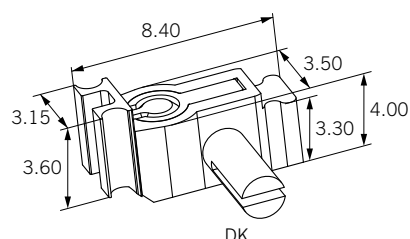
Image	Item	Description	Cat. No.
Auxiliary instruments			
	Special parallelometer insert	Used to place the male part	072 627
	Insert remover	For removing the friction insert	072 483
	Tweezers	For insertion of the friction insert	070 347

# SG® Slide attachment.

Extracoronary, adjustable friction-grip attachment.



DC

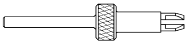
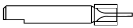
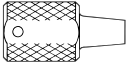
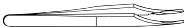


DK

## 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

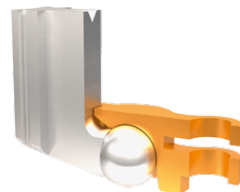
Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>SG DC</b>	Male part cast-on	052 157
	<b>SG DK</b>	Male part burn-out	052 158
A friction insert G white is mounted, the duplicating aid G is included.			
<b>Components</b>			
	<b>Female part D</b>	For bonding or polymerisation	052 159
A friction 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.
Auxiliary instruments			
	Special parallelometer insert	Used to place the male part	072 627
	Screwdriver insert	For activating and deactivating the screw	070 293
	Thomas spanner key	For screwdriver	070 221
	Attachment tweezers	Simplifies separation and mounting of the attachment	070 222

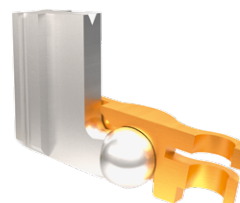


# Mini-Dalbo®.

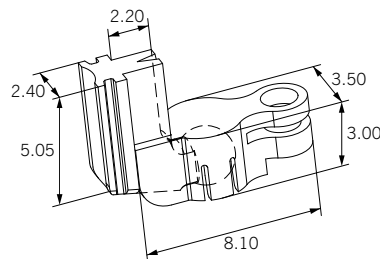
Extracoronal, adjustable hinge attachment with rotation.



Resting position



Hinge movement



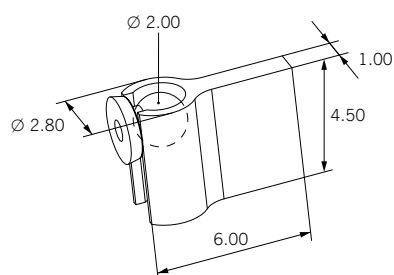
## Characteristics

- 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

# Tecnoroach.

Extracoronary, 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>Tecnoroach 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

# Attachments

Slide attachments 25

Anchors 41

Dalbo®-PLUS 42

Dalbo®-Classic 44

Dalbo®-B 46

Dalbo®-Z 48

CM LOC® 50

Pro-Snap 52

Eccentric 53

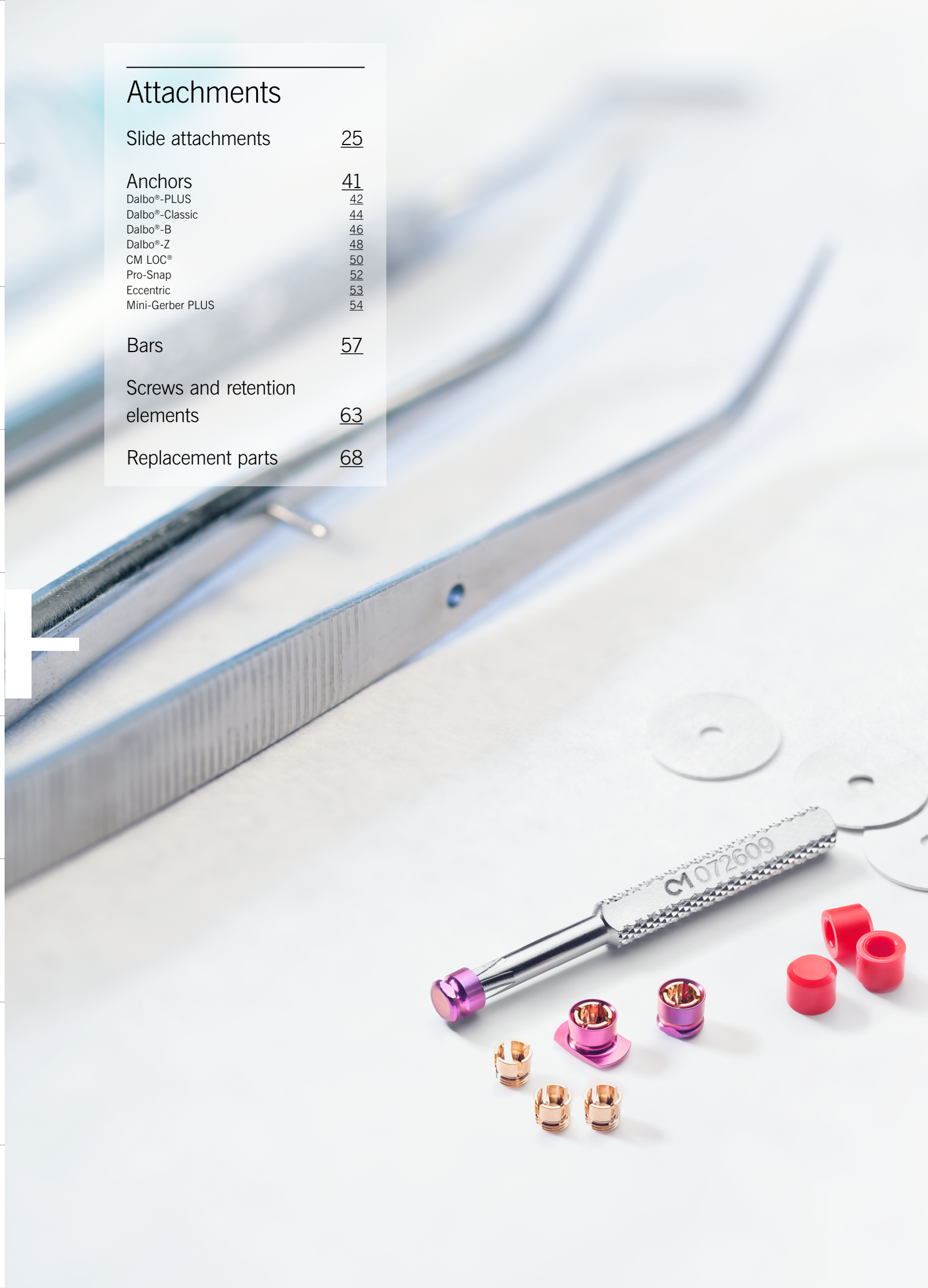
Mini-Gerber PLUS 54

Bars 57

Screws and retention  
elements 63

Replacement parts 68

F



## Anchors.

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

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

### Dentures restored with root canal post anchors – advantages

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



# Dalbo®-PLUS.

Supraradicular, retentive, resilient anchor, adjustable.

Basic



Elliptic



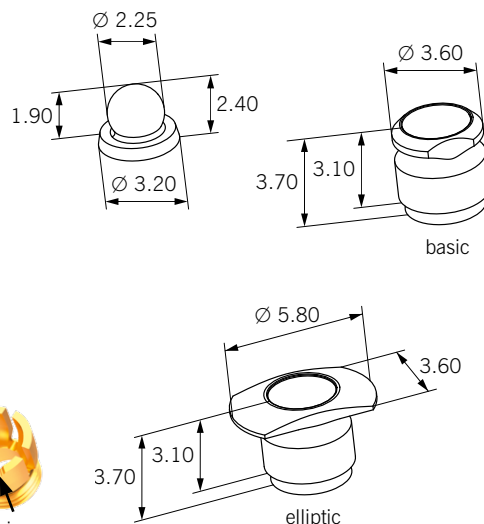
Standard



Tuning soft







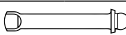
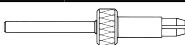

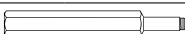




Tuning



## Characteristics

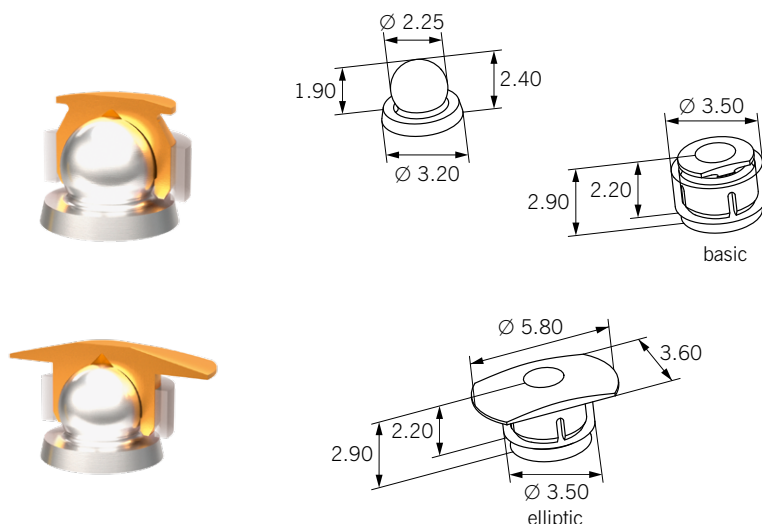
- Safe and permanent activation is achieved by screwing a lamella retention insert into the housing.
- Retention is adjustable from «soft» to «strong»
- Ideal for implant work
- The female part exists in two versions at identical height: The version elliptic features a reinforced elliptic retention cap, 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.	0500 0214
	<b>Tuning female part soft TE elliptic</b>	For direct integration into the denture in the patient's mouth. Adjustable.	0500 0215
	<b>Tuning lamellae retention insert soft E</b>	For screwing into the housing	0500 0068
	<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.





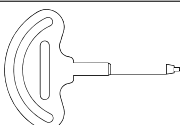
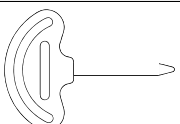



## Characteristics

- 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

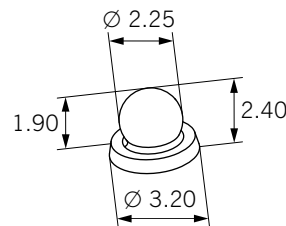
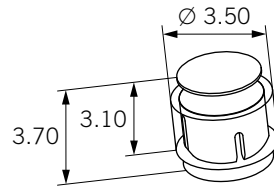
Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	Dalbo®-Classic EV basic		055 689
	Dalbo®-Classic EK basic		055 701
	Dalbo®-Classic EV elliptic		055 892
	Dalbo®-Classic EK elliptic		055 893
<b>Components</b>			
	Female E basic	For polymerisation into the denture body. Adjustable. Delivery includes elastomer ring (055 688) and spacer disc (050 394).	055 698
	Female E elliptic	For polymerisation into the denture body. Adjustable. Delivery includes elastomer ring (055 688) and spacer disc (050 394).	055 887
	Elastomeric ring	Delivery unit: pack of 5 pieces	055 688
	Spacer disc tin	Tin, ensures vertical resilience. For laboratory use only. Delivery unit: pack of 5 pieces	050 394
	Male part V	Can be connected to the cap by direct cast-on or soldering.	055 647
	Male part K	Burn-out plastic	055 330
	Laser male part E	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.

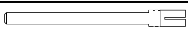

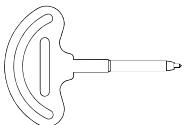
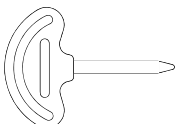

Supraradicular, retentive and resilient anchor, adjustable.



## Characteristics

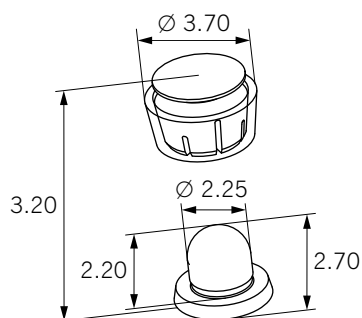
- First ball anchor, proven a hundred thousand times
- Simple application
- Can be used rigid or resilient

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	070 131
	<b>Instrument for mounting of elastomeric ring</b>		070 205
	<b>Activator</b>		070 197
	<b>Deactivator</b>		070 199
	<b>Attachement tweezers</b>	Simplifies separation and mounting of the anchor	070 222

# Dalbo®-Z.

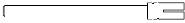

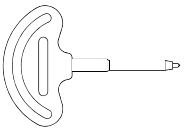
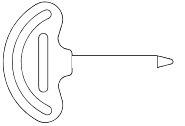

Supraradicular, cylindrical friction-grip anchor, adjustable.



## 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.
Auxiliary instruments			
	Parallelometer insert	Used to place the male part	070 131
	Instrument for mounting of elastomeric ring		070 205
	Activator		070 197
	Deactivator		070 199
	Attachement tweezers	Simplifies separation and mounting of the anchor	070 222

Attachments

Endodontics

Materials

Ceramics

Polymers

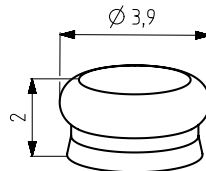
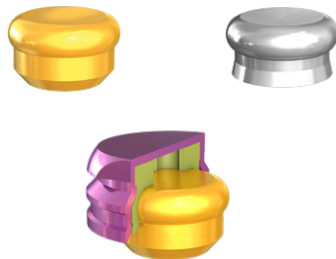
Alloys

Laboratory materials

Miscellaneous

# 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.

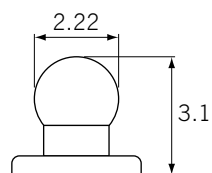
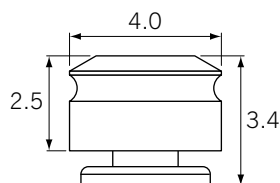
Image	Item	Description	Cat. No.
<b>Complete parts</b>			
	<b>Basic Set Titanium</b>	Contents: 2x Housing Titanium for Pekkton® Inserts 2x Retention insert, extra-low 2x Retention insert, low 2x Retention insert, medium 2x Block-out Spacer 2x Processing insert	05003001 05001995 05001314 05001315 05001316 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>	Complete	05050033
	<b>Male part C</b>	For soldering onto cast root canal caps	05050037
	<b>Housing T yellow</b>	For polymerisation into the denture body	05050060
	<b>Pro-Snap TC red</b>	Complete	05050034
	<b>Male part C</b>	For soldering onto cast root canal caps	05050037
	<b>Housing T red</b>	For polymerisation into the denture body	05050061
	<b>Pro-Snap TC green</b>	Complete	05050035
	<b>Male part C</b>	For soldering onto cast root canal caps	05050037
	<b>Housing T green</b>	For polymerisation into the denture body	05050062
	<b>Pro-Snap TK yellow</b>	Complete	05050036
	<b>Male part K</b>	Burn-out plastic	05050038
	<b>Housing T yellow</b>	For polymerisation into the denture body	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



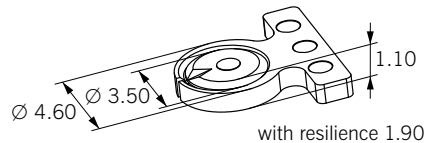
Male part



Female part



Male part with resilience



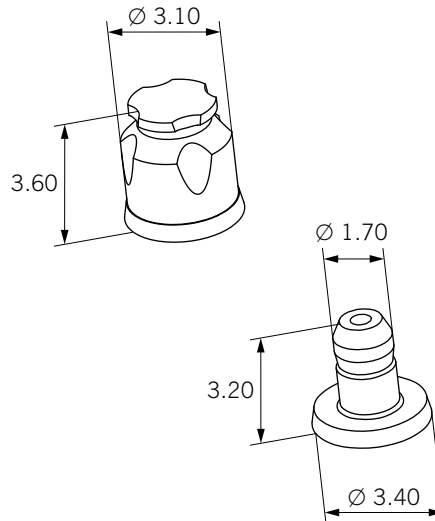
## Characteristics

- 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>		050 345
	<b>Eccentric ELO (with resilience)</b>		050 397
<b>Components</b>			
	<b>Female part EL</b>	For polymerisation into the denture plastic	050 306
	<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	051 002
	<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	051 003
	<b>Spacer disc occlusal</b>	Tin, ensures vertical resilience, integration of the male part during polymerisation of the plastic. Is supplied automatically when ordering 050 397 and 050 306. Delivery unit: pack of 5 pieces	050 393
	<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 050 397 and 050 306. Delivery unit: pack of 5 pieces	050 392
<b>Auxiliary parts</b>			
	<b>Transfer jig</b>	For fabricating the master model	070 161
	<b>Transfer jig (male part with resilience)</b>		070 167

# Mini-Gerber PLUS.


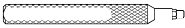


Supraradicular retention- and friction-grip anchor, adjustable.



## 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>			
	Mini-Gerber PLUS TV		055 646
<b>Components</b>			
	Female part T	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
	Retention insert G	Delivery unit: pack of 5 pieces	055 508
	Threaded ring T	Thread: M 2.6x0.25	055 507
	Male part V	Cast-on or soldering. Not suitable for laser welding!	055 506
	Ring G	Delivery unit: pack of 3 pieces The thread in ring G is only created when screwing into the housing to increase the retention force. This application is indicated where the threaded ring T could possibly become loose due to the low setting of the denture's retention force.	055 759
<b>Auxiliary parts</b>			
	Duplication aid G	Is delivered automatically with the order! The duplicating aid must not be used in place of the female part as a temporary replacement, nor for taking impressions / placeholder technique in the mouth.	072 466
	Transfer jig	For fabricating the master model	072 461

Image	Item	Description	Cat. No.
Auxiliary instruments			
	Parallelometer insert	Used to place the male part	072 460
	Special socket key	For tightening the threaded ring, activation and deactivation of the retention insert	072 597
	Heating rod	For extracting housings from the plastic	072 605
	Attachment tweezers		070 222

Attachments

Endodontics

Materials

Ceramics

Polymers

Alloys

Laboratory materials

Miscellaneous

## Attachments

Slide attachments	<u>25</u>
Anchors	<u>41</u>
Bars	<u>57</u>
Dolder® System	<u>58</u>
Round bar with rider	<u>60</u>
Ackermann-Bar	<u>61</u>
Screws and retention elements	<u>63</u>
Replacement parts	<u>68</u>





## 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 super-structures are desired.

### Dentures restored with a bar – advantages

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



# Dolder® System.

## Adjustable bar attachment and resilient bar.

### Female parts

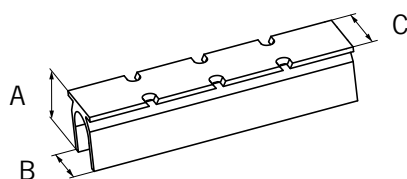
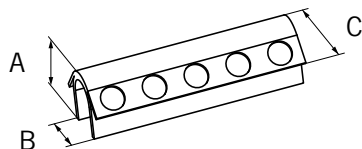
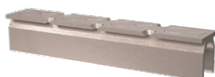
Elitor® (E)



Doral (D)

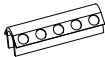
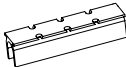

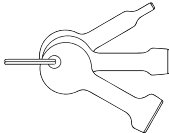
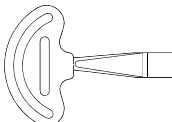


Pure titanium (T)



### Characteristics

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

Image	Item	Description					Cat. No.	
Components								
	Female part	Material	Design	L = overall length	A = height	B = width	C = width of retention	
				mm	mm	mm	mm	
		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		
	Female part	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
		For polymerisation into the denture plastic or framework (do not solder). Adjustable						
Auxiliary parts								
	Spacer Macro	50x1.05 mm					052 081	
	Spacer Micro	50x0.75 mm					052 080	
Brass, ensures vertical resilience. Integration between female part and bar during polymerisation of the plastic. Is supplied automatically when ordering the bars!								
Auxiliary instruments								
	Activator set						070 198	
	Deactivator Macro						070 201	
	Deactivator Micro						070 200	

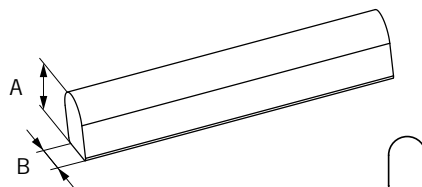
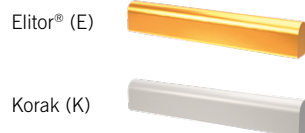
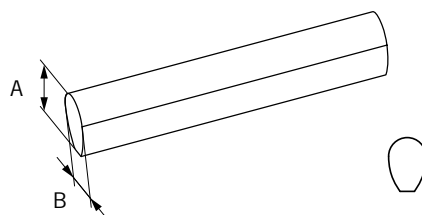
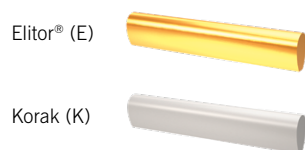
**Male parts (bar attachment)****Male parts (resilient bar)**

Image	Item	Description				Cat. No.	
Components							
	Male part (bar attachment)	Material	Design	L = overall length	A = height	B = width	052 053 0500 0289 0500 0559 0500 0266
				mm	mm	mm	
		E	Makro L50	50.00	3.00	2.20	
		E	Mikro L50	50.00	2.30	1.60	
		K	Makro L75	75.00	3.00	2.20	
K	Mikro L75	75.00	2.30	1.60			
	Male part (resilient bar)	E	Makro L50	50.00	3.00	2.20	052 061
		E	Mikro L50	50.00	2.30	1.60	052 057
		K	Makro L75	75.00	3.00	2.20	0500 0563
		K	Mikro L75	75.00	2.30	1.60	0500 0561
		For soldering and lasering on cast root canal post caps or soldering between crowns, bridges, implants or screw-retained construction elements Prefabricated part K (burn-out). Delivery unit: pack of 2 pieces					
Auxiliary parts							
	Transfer jig macro L50						070 173
	Transfer jig micro L50						070 171
Auxiliary instruments							
	Parallelometer insert Macro (bar attachment)						070 144
	Parallelometer insert Micro (bar attachment)						070 143
	Parallelometer insert macro (Resilient bar)						072 517
	Parallelometer insert micro (Resilient bar)						072 515

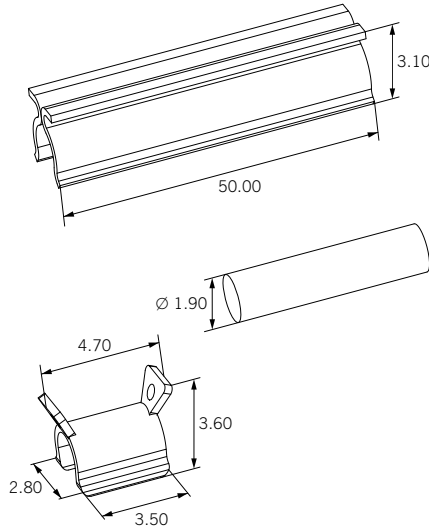
# Round bar with rider.

Retention-grip, round bar, adjustable.

Female part







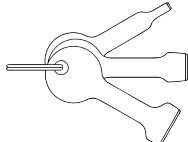


Male part



## Characteristics

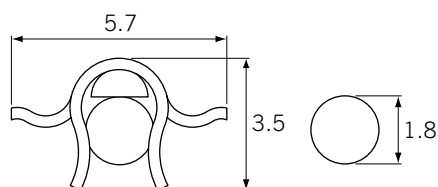
- Individually adaptable to the oral situation
- Simple and well proven system
- Space-saving, as bar length and position can be easily and safely adapted to any oral situation
- Various bar lengths available
- Riders available in two variants
  - Female part E, length 3.5 mm
  - Female part E L50, length 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

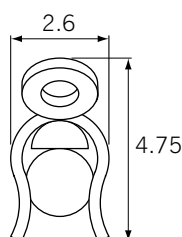




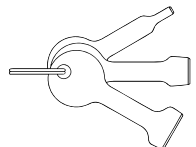


Image	Item	Description	Cat. No.
<b>Components</b>			
	<b>Ackermann-Bar A female part E</b>	Adjustable bar rider	05050010
	<b>Ackermann-Bar B female part E</b>	Adjustable bar rider	05050011
	<b>Spacer micro</b>	Brass. Ensures vertical translation of the denture. Integration between rider and bar during 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

## Attachments

Slide attachments 25

Anchors 41

Bars 57

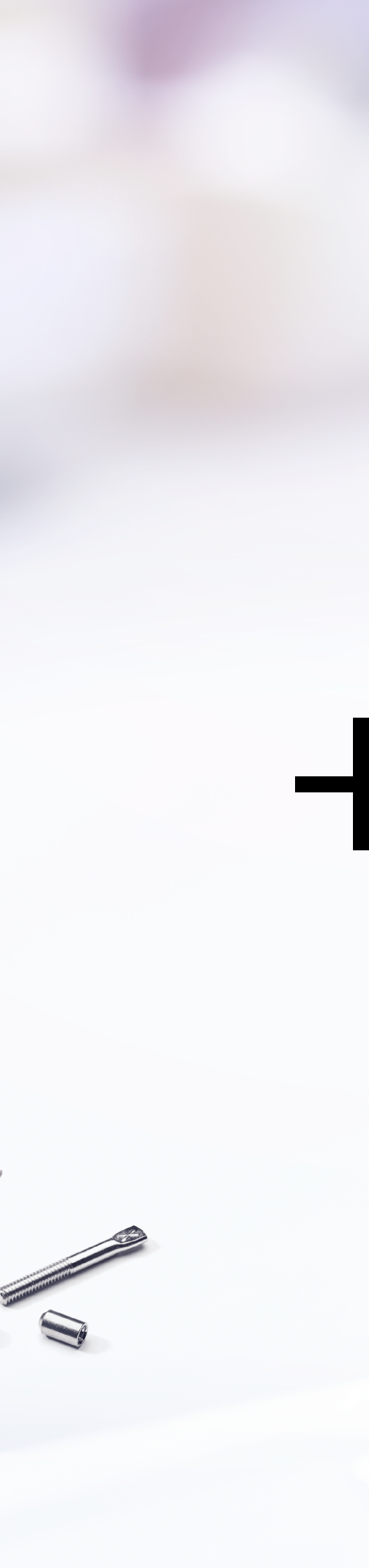
Screws and retention  
elements 63

CM hex screw system 64

Mini-Presso-Matic 66

Replacement parts 68





# 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.

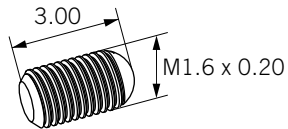
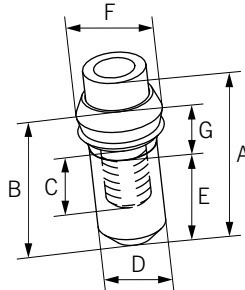
## Screws and retention elements – advantages

- 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














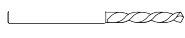


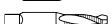
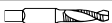
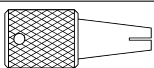
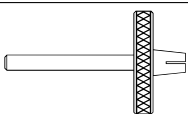
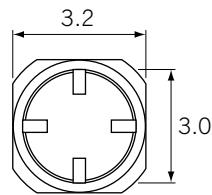
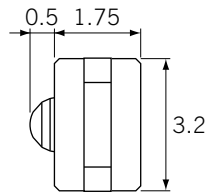
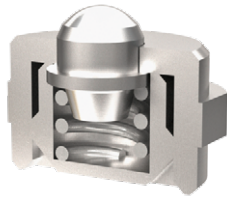
Image	Item	Description							Cat. No.
Complete parts									
		A Overall length of screw/sleeve  mm	B Length of shortened screw  mm	C Thread length of screw  mm	E Sleeve Ø  mm	E Sleeve length  mm	F Counter- sunk collar  mm	G Counter- sunk collar  mm	
	Cap screw CO M1.2 short	5.20	4.20	1.40	1.80	2.80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

Image	Item	Description	Cat. No.
<b>Auxiliary instruments</b>			
	<b>Hex key</b>	For cap and pin screw	07000008
	<b>Spiral drill Ø 1.85</b>	For head screw: spiral drill for placing the sleeve for soldering, lasering or bonding	072 432
	<b>Spiral drill Ø 2.05</b>		072 433
	<b>Pin screw Spiral drill Ø 1.40</b>	For pin screw: for drilling the core hole in the abutment	070 395
	<b>Cap screw Screw tap M 1.2</b>	For reaming the thread	070 210
	<b>Cap screw Screw tap M 1.4</b>		070 211
	<b>Pin screw Screw tap MF 1.60 x 0.20 mm</b>	Manual creation of the thread in the abutment	070 470
	<b>Screw tap holder</b>	Standard For cap and pin screw	070 213
	<b>Screw tap holder (for parallelometer)</b>	For tapping the thread on the parallelometer For cap and pin screw	070 214

# Mini-Presso-Matic.



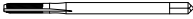
## Screw and retention element.



### 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.




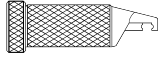










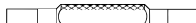










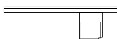







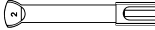




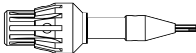





Image	Item	Description	Available until	Cat. No.
<b>Slide attachment</b>				
	<b>Beyeler</b>		30.09.2023	
	Male part C	For casting-on or soldering to the secondary part, adjustable		050 123
  	<b>Billoc</b>		30.03.2030	
	Male part C	For casting-on or soldering to the secondary part, adjustable		051 366
	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		050 253
	Cone O	with anti-rotation mechanism		050 254
	Occlusal screw O			050 255
	Transfer jig			070 155
<b>Dalbo®-S</b>			30.03.2030	
	Female part D	Spiral spring X is mounted for polymerisation in denture framework		051 660
	Spiral spring X	Repulsion spring Delivery unit: pack of 5 pieces		051 143
	Transfer jig	For fabricating the master model		070 174
	Steel pin	Replaces the spiral spring during polymerization and underlining		070 149
<b>McCollum</b>			30.09.2023	
	Male part L C	(left version) For casting-on or soldering to the secondary part, adjustable		050 160
	Male part R C	(right version) For casting-on or soldering to the secondary part, adjustable		051 408
	Screw activator			070 460
	Transfer jig			070 447
<b>Mini-SG® Hinge</b>			30.09.2023	
	Female part D	For bonding into a secondary part		055 847
	Hinge insert G orange / normal friction	Delivery unit: pack of 5 pieces		055 799
	Hinge insert G violet / strong friction	Delivery unit: pack of 5 pieces		055 800
<b>Mini-SG® V (screw-retained)</b>			30.09.2023	
	Locking screw T			055 519
	Special screwdriver			072 604
<b>Mini-SG® Latch</b>			30.03.2030	
	Latch pin T			055 837
	Extended latch pin T	Extension by 3 mm, can be shortened individually		055 872
	Latch spring S			055 832
	Locking screw T	For securing the latch axis		055 831
	Screwdriver	Is used to screw in and unscrew the retention screw		072 410

# Attachments.

## Replacement parts.




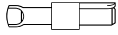




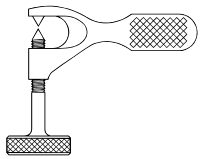




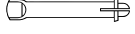
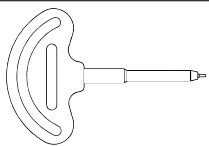
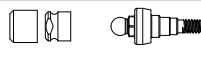
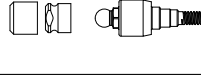

Image	Item	Description	Available until	Cat. No.
<b>Plastic-Roach</b>			30.09.2023	
	Female part D	For bonding into a secondary part		051 997
	Friction insert G white	Delivery unit: pack of 5 pieces		051 999
	Friction insert G green and blue	Delivery unit: pack of 5 pieces each (5 x green / 5 x blue)		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.





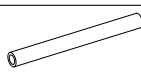




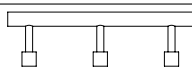
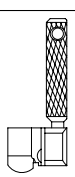
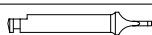
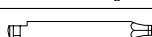


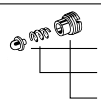
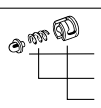
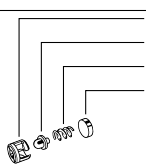
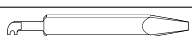











Image	Item	Description	Available until	Cat. No.
SFI-Bar			30.03.2030	
	Female part asymmetrical E L30			05000344
	Retention insert G yellow / smooth friction	Delivery unit: pack of 6 pieces		05000388
	Retention insert G red / normal friction	Delivery unit: pack of 6 pieces		05000389
	Retention insert 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
Screws and retention elements				
Ipsoclip SE			30.03.2030	
	Male part O screw bolt			051 847
Ipsoclip RE			30.03.2030	
	Retention bolt A	Delivery unit: pack of 5 pieces		051 769
	Repulsion spring X			051 649
	Cap screw O			051 647
Ipsoclip posterior			30.03.2030	
	Retention bolt A	Delivery unit: pack of 5 pieces		051 620
	Repulsion spring X			050 754
	Bayonet lock O			050 752
Ipsoclip anterior			30.03.2030	
	Bayonet lock O	Delivery unit: pack of 5 pieces		050 757
	Retention bolt A			051 620
	Spiral spring X			050 754
	Buffer disc in plastic			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 74

Mooser root canal post 75

CM root canal post 77

MP-Post 79

## Root canal anchors 80

Dalbo®-Rotex 81

Rotex 85

Rotex-RD 87





## Root canal posts and root canal anchors.

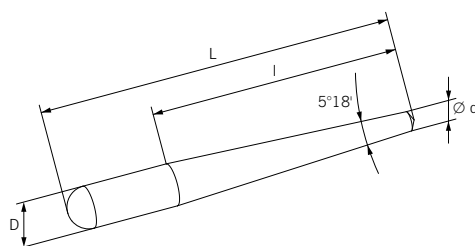
Root canal posts are available in different materials. With high-quality in precious metal, with which root canal caps are manufactured to accommodate anchors, post crowns and cast abutments. Burn-out root canal posts allow for cost-effective solutions. Root canal anchors with self-tapping thread are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

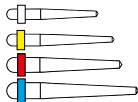
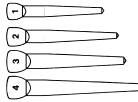
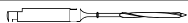
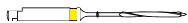
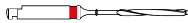





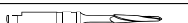



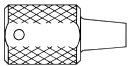
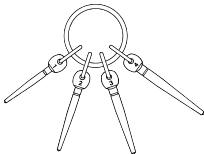


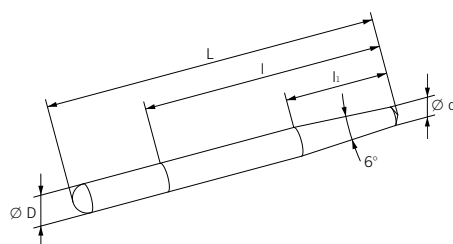
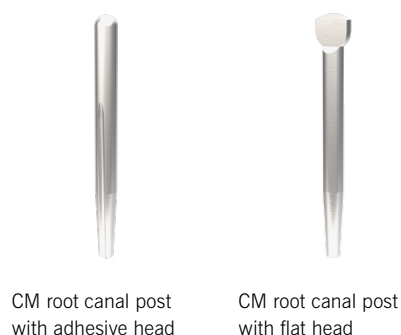
Image	Item	Description	Cat. No.				
Components							
	Adhesive head C	Size	d = Ø tip	D = Ø shaft	I = cone length	L = overall length	
			mm	mm	mm	mm	
		1	0.80	1.50	7.90	12.30	05003505
		2	0.80	1.70	10.00	14.50	05003506
		3	1.00	2.00	11.20	15.50	05003507
		4	1.00	2.20	13.30	17.70	05003509
		Root canal posts with adhesive head (for impression taking with elastic impression materials)					
	Flat head T	Size	d = Ø tip	D = Ø shaft	I = cone length	L = overall length	
			mm	mm	mm	mm	
		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					072 310	
	Root canal drill (Yellow) Post size 2					072 311	
	Root canal drill (Red) Post size 3					072 312	
	Root canal drill (Green) Post size 4					072 313	
	Pilot reamer (White) Post size 1					072 314	
	Pilot reamer (Yellow) Post size 2					072 315	
	Pilot reamer (Red) Post size 3					072 316	
	Pilot reamer (Green) Post size 4					072 317	
	Reamer (White) Post size 1					070 287	
	Reamer (Yellow) Post size 2					072 318	
	Reamer (Red) Post size 3					070 288	
	Reamer (Green) Post size 4					072 319	

Image	Item	Description	Cat. No.
	<b>Thomas spanner key</b>	for trimmer	070 221
	<b>Post gauge size 1-4</b>	Check of the insertion depth and wall thickness	070 483
	<b>Coupling piece</b>	For extending instruments, suitable for angled handpiece and Thomas spanner key	072 414
	<b>Root canal posts Mooser Endobox</b>	Empty, without posts and instruments	08000003

# CM root canal post.

Root canal posts with cylindro-conical profile.



## Characteristics

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

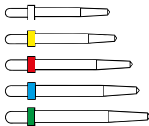
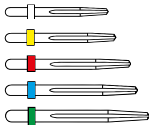
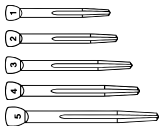
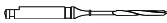
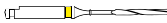
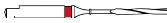
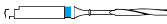
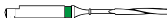
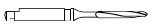
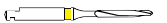
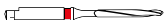
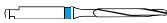
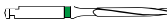
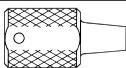
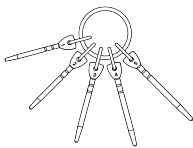


Image	Item	Description	Cat. No.					
Components								
	Adhesive head C	Size	d = Ø tip	D = Ø shaft	l <sub>1</sub> = cone length	l = functional length	L = overall length	
			mm	mm	mm	mm	mm	
		1	0.80	1.20	4.25	9.00	14.00	05003194
		2	0.90	1.30	4.25	10.00	15.00	05003195
		3	0.90	1.40	5.20	12.00	17.00	05003202
		4	1.00	1.50	5.25	13.00	18.00	05003210
5	1.00	1.60	6.20	14.50	19.50	05003211		
Root canal posts with adhesive head (for impression taking with elastic impression materials)								
	Adhesive head C (with cement flow-off groove)	Size	d = Ø tip	D = Ø shaft	l <sub>1</sub> = cone length	l = functional length	L = overall length	
			mm	mm	mm	mm	mm	
		1	0.80	1.20	4.25	9.00	14.00	05003219
		2	0.90	1.30	4.25	10.00	15.00	05003226
		3	0.90	1.40	5.20	12.00	17.00	05003234
		4	1.00	1.50	5.25	13.00	18.00	05003242
5	1.00	1.60	6.20	14.50	19.50	05003250		
Root canal posts with adhesive head and cement draining groove.								
	Flat head T (with cement flow-off groove)	Size	d = Ø tip	D = Ø shaft	l <sub>1</sub> = cone length	l = functional length	L = overall length	
			mm	mm	mm	mm	mm	
		1	0.80	1.20	4.25	9.00	14.00	05003584
		2	0.90	1.30	4.25	10.00	15.00	05003585
		3	0.90	1.40	5.20	12.00	17.00	05003586
		4	1.00	1.50	5.25	13.00	18.00	05003587
5	1.00	1.60	6.20	14.50	20.50	05003588		
Root canal posts with flat head made of pure titanium (for direct cores of multi-root teeth) Delivery unit: pack of 5 pieces								

Image	Item	Description	Cat. No.
<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

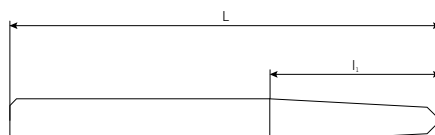








Image	Item	Description	Cat. No.	
Components				
		Size		
		l <sub>1</sub> = cone length	L = overall length	
		mm	mm	
		1	5.2	13
		2	5.7	16
		3	7.1	17
		4	9.0	18
	MP-Post X yellow			200004301
	MP-Post X red			200004310
	MP-Post X blue			200004319
	MP-Post X green			200004328
	Delivery unit: pack of 20 pieces			
		Size		
		l <sub>1</sub> = cone length	L = overall length	
		mm	mm	
		1	5.0	14
		2	5.6	16
		3	7.0	17
		4	8.9	18
	MP-Post Standard K yellow			200004302
	MP-Post Standard K red size			200004311
	MP-Post Standard K blue			200004320
	MP-Post Standard K green			200004329
	Delivery unit: pack of 50 pieces			
Auxiliary instruments				
	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?

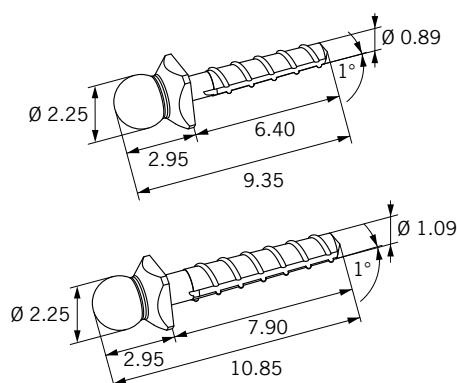
Miscellaneous	Laboratory materials	Alloys	Polymers	Ceramics	Materials
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# Dalbo®-Rotex according to Dr. Dalla Bona.

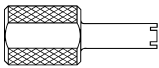
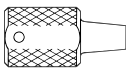


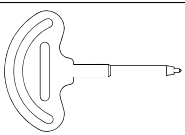
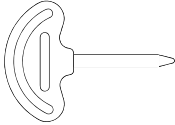

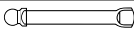


Root canal anchor combined with prosthetic retainer.



## Characteristics

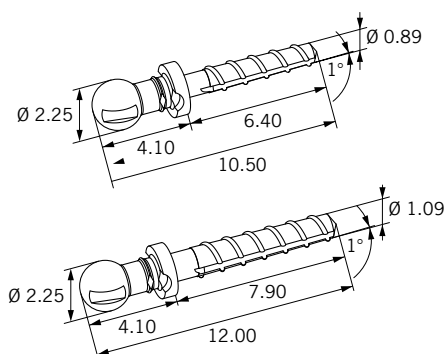
- The insertion direction can deviate up to 6°
- Highly corrosion-resistant material: made of pure titanium
- Slightly tapered
- Cement flow-off grooves
- Rounded post end
- The construction can be prepared in a single session
- For cutting the thread, only 2 – 3 turns are necessary
- The cement flow-off 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.
	Spanner key for spherical head		070 498
	Thomas spanner key	for trimmer	070 221
	Coupling piece	For extending instruments, suitable for angled handpiece and Thomas spanner key	072 414
	Instrument for mounting of elastomeric ring	For Dalbo®-B female part E (051 511)	070 205
	Activator	For Dalbo®-B female part E (051 511)	070 197
	Deactivator	For Dalbo®-B female part E (051 511)	070 199
<b>Auxiliary parts</b>			
	Spacer G	Spacers replace the anchoring female parts during plastic polymerisation in the laboratory.	070 440
	Transfer jig	For fabricating the master model	070 511
<b>Set</b>			
	Introduction set Dalbo®-Rotex (Brunner/Dalla Bona)	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
	Endobox Rotex/Rotex-RD/Dalbo®-Rotex	Empty, for root canal anchors Dalbo®-Rotex, without anchors and instruments	08000002

# Dalbo®-Rotex according to Prof. Brunner.

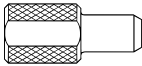
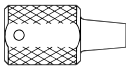


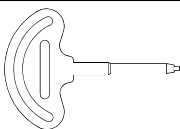
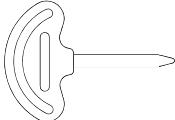

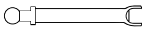


Root canal anchor combined with prosthetic retainer.



## Characteristics

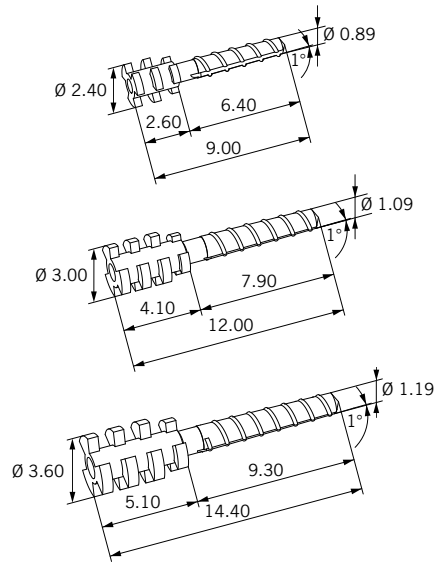
- The insertion direction can deviate up to 18°
- Highly corrosion-resistant material: made of pure titanium
- Slightly tapered
- Cement flow-off grooves
- Rounded post end
- The construction can be prepared in a single session
- For cutting the thread, only 2 – 3 turns are necessary
- The cement flow-off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

Image	Item	Description	Cat. No.
<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.
	Spanner key for spherical head		070 500
	Thomas spanner key	for trimmer	070 221
	Coupling piece	For extending instruments, suitable for angled handpiece and Thomas spanner key	072 414
	Instrument for mounting of elastomeric ring	For Dalbo®-B female part E (051 511)	070 205
	Activator	For Dalbo®-B female part E (051 511)	070 197
	Deactivator	For Dalbo®-B female part E (051 511)	070 199
<b>Auxiliary parts</b>			
	Spacer G	Spacers replace the anchoring female parts during plastic polymerisation in the laboratory.	070 440
	Transfer jig	For fabricating the master model	070 512
<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.

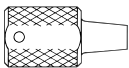
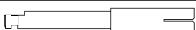


Root canal anchor with retention head and self-cutting thread.



## Characteristics

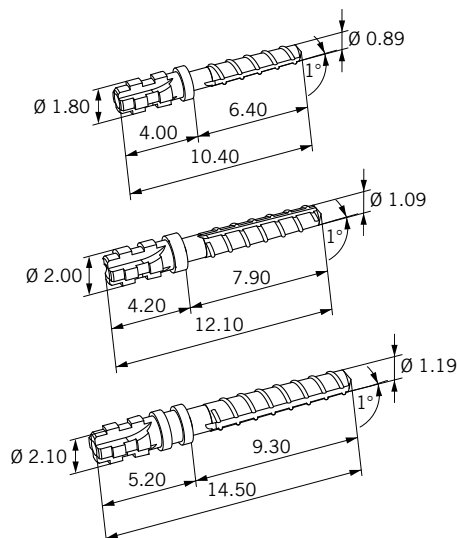
- Highly corrosion-resistant material: made of pure titanium
- Slightly tapered
- Cement flow-off grooves
- Rounded post end
- The construction can be prepared in a single session
- For cutting the thread, only 2 – 3 turns are necessary
- The cement flow-off grooves enable tension-free cementing

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

Image	Item	Description	Cat. No.
	Thomas spanner key	for trimmer	070 221
	Coupling piece	For extending instruments, suitable for angled handpiece and Thomas spanner key	072 414
<b>Set</b>			
	Basic range	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
	Endobox Rotex/Rotex-RD/Dalbo®-Rotex	Empty, for root canal anchors Rotex, without anchors and instruments	08000002

# Rotex-RD.

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






## Characteristics

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

Image	Item	Description	Cat. No.
<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	072 414
<b>Set</b>			
	<b>Basic range</b>	Consisting of: 5 Rotex RD T anchors 055 195 5 Rotex RD T anchors 055 196 5 Rotex RD T anchors 055 197 1 Reamer 070 380 1 Reamer 070 381 1 Reamer 070 382 1 Face-cutting drill 072 470 1 Face-cutting drill 072 471 1 Face-cutting drill 072 472 1 Trimmer 070 298 1 Trimmer 070 299 1 Trimmer 070 300 1 Socket wrench 072 459 1 Thomas socket wrench 070 221	055 236
	<b>Endobox Rotex/Rotex-RD/Dalbo®-Rotex</b>	Empty, for root canal anchors Rotex RD, without anchors and instruments	08000002

# Table of materials.

		Physical properties:								
Abbreviation	Name (number of alloy)	Colour	Composition							Melting range
			Au %	Pt %	Pd %	Ag %	Cu %	Ir %	Others	
A	Alpha (0094)	White	35.00	1.00	10.50	41.00	12.00		In 0.50	880–960 °C
C	Ceramicor® (0037)	White	60.00	19.00	20.00			1.00		1400–1490 °C
D	Doral (0092)	Light grey	15.00		22.00	49.30	13.70			930–1015 °C
E	Elitor® (0054)	Yellow	68.60	2.45	3.95	11.85	10.60	0.05	Zn 2.50	880–940 °C
EL	Elasticor (0053)	Bright yellow	61.00	13.50		16.50	9.00			950–1050 °C
O	OSV (0082)	White	60.00	10.50	6.50	7.00	14.00		Zn 2.00	960–1065 °C
P3	Protor (0099)	Yellow	68.60	2.45	3.95	11.85	10.60	0.05	Zn 2.50	895–960 °C
V	Valor (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 laser or brazing Cannot be thermally treated
–	(80 % cold-formed)		✓		✓
	>240	> 695 Mpa			
11.9 x 10 <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			
9.2 x 10 <sup>-6</sup> K <sup>-1</sup>	(35–70 % cold-formed)		✓		
	>240	> 720 Mpa			

Abbreviations	Name	Physical properties:	
		Colour	Composition
<b>G</b>	<b>Galak</b>	Various colours	Mouth-resistant plastics Cendres+Métaux SA uses various plastics in the attachments as finished parts for polymerisation such as glide inserts or auxiliary parts.
<b>K</b>	<b>Korak</b>	Various colours	Burn-out plastic
<b>M</b>	<b>Med steel</b>	White	Material 1.4435 according to the standards DIN 17440 or AISI 316L.
<b>P</b>	<b>Pekkton®</b>	Various colours	Mouth-resistant high performance polymer Cendres+Métaux SA uses this polymer in the attachments as finished parts for polymerisation such as glide inserts or auxiliary parts.
<b>T</b>	<b>Pure titanium</b>	Grey	Titanium materials according to the standards ASTM F67 (Grade 1 to 4) or ASTM B 348 Grade 1-4 and 36 or ISO 5832-2.
<b>S</b>	<b>Syntax</b>	Grey	Titanium materials according to the standards ASTM F136 or ASTM B 348 Grade 5 ELI or Grade 23.
<b>X</b>	<b>Steel</b>	White	Stainless steel, corrosion-resistant
	<b>Santoprene</b>	White	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	Polymerization	
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-sulphonic 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/mm²
Supports the use of bonding agent Supports polymerisation Can be soldered	Not suitable for casting-on, laserling, phasing ⚠ Contains nickel
Supports the use of bonding agent Supports polymerisation	Not suitable for casting-on, soldering, laserling, phasing
Supports the use of bonding agent Supports polymerisation	Not suitable for casting-on, soldering, laserling, phasing
Supports the use of bonding agent Supports polymerisation	Not suitable for casting-on, soldering, laserling, phasing ⚠ Contains nickel
	Prevents the penetration of plastic, guarantees lamellae clearance and activation

# 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)

## Internet

You can find extensive information about our products on our website [www.cmsa.ch](http://www.cmsa.ch).

## Copyright Cendres+Métaux

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## Customer service

The contact persons taking your orders are qualified specialists and have a high level of product knowledge. We also offer you the following services to improve your results and increase your productivity: performing technical analyses, providing advice and a wealth of information available either in printed form or on our website.

## Guarantee

We guarantee perfect product and material quality in delivered condition. This is the result of extensive research and development work, high-precision manufacturing and strict quality control. Our dental products comply with the requirements of Directive 93/42/EEC, respectively the new regulation (EU) 2017/75, on medical devices and bear the legally compliant CE label. The exact CE labelling of the individual products can be found in the packaging. Further information on warranty conditions: [www.cmsa.ch/docs](http://www.cmsa.ch/docs)

## Conditions of delivery

Our general terms and conditions of delivery at home and abroad apply. We reserve the right to make design and production changes as well as adaptations of the delivery form and packaging. The sales prices are shown in the valid price lists or are available on request. We reserve the right to change prices at any time.

## Return policy

The consistent application of Directive 93/42/EEC, respectively the new regulation (EU) 2017/75, on medical devices gives you the guarantee of always receiving original goods and ultimately promotes application safety. The following measures must be observed: without a reason for complaint, goods not in their original packaging will not be taken back, but forwarded to the refining department. The dismantling of products to obtain individual parts is to be refrained from. Disassembled parts can no longer be credited due to lost traceability. Returns of unopened goods still in their original packaging can be refunded up to a maximum of 30 days after the invoice date. Goods sent packaged in envelopes arrive damaged. Please always enclose a copy of the original invoice or delivery note.

## 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).

## Availability

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).

## Trademarks

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## Notes.

## Notes.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Handwriting practice lines consisting of 20 horizontal lines.





