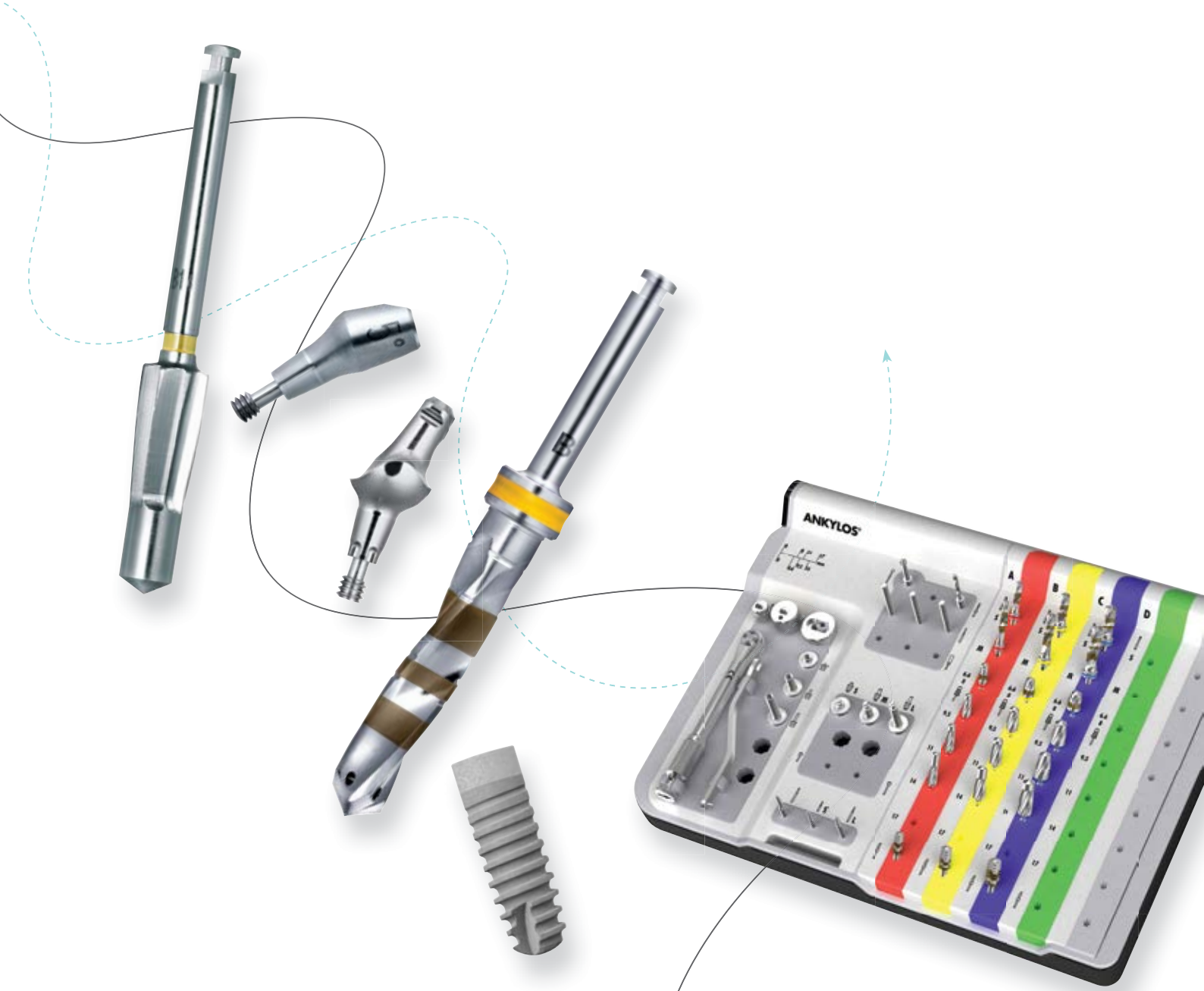


ANKYLOS®

Product Catalog



DENTSPLY
IMPLANTS

Welcome to DENTSPLY Implants

We see a world where everyone eats, speaks and smiles with confidence; this vision permeates and inspires everything we do every day.

Likewise, we embrace the fundamental values of being open-minded, passionate in the support of our customers, and genuine in the products and services we provide and the way we do business.

Comprehensive and integrated solutions

Our solutions are unique in their support of the implant treatment process from beginning to end. They allow dental professionals the freedom to create predictable, lasting, patient-specific outcomes, and are designed to help make your job easier without compromising reliability, long-term function, and esthetics.

Our comprehensive product portfolio includes ANKYLOS, ASTRA TECH Implant System, and XiVE implant lines, digital technologies such as ATLANTIS patient-specific, CAD/CAM solutions, SIMPLANT computer guided treatment planning, SYMBIOS regenerative solutions, and professional development programs.

Research and development

Documentation is an essential part of our investment in the development of our products and services. Our research and development efforts focus on all aspects of implant treatment, including more demanding and advanced compromised cases and simplified treatment procedures. The commitment to quality is further supported by our extensive pre-clinical and clinical studies program.

Professional development

Through documentation updates, seminars, training, and hands-on workshops, we offer education on the latest developments in implant dentistry for all members of the treatment team.

As your partner of choice, we can help support your practice and business development efforts with patient awareness and education material, and advertising and co-marketing collateral.

Reliability and partnership for restoring quality of life and happiness—because it matters.



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* Impression on abutment level as an option

** Impression on abutment level only

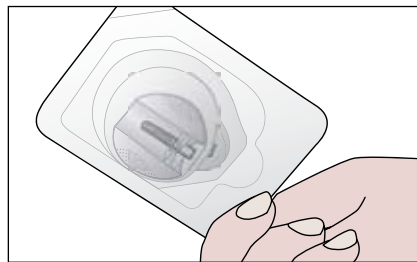
Implant packaging concept

ANKYLOS C/X implants are supplied in double-sterile blister package with an outer carton. This type of package offers the maximum possible product safety in conformance with the increasingly rigid requirements for medical devices. The packaging also makes it easy to store all products for quick retrieval and they are easy to handle during the surgical procedure.



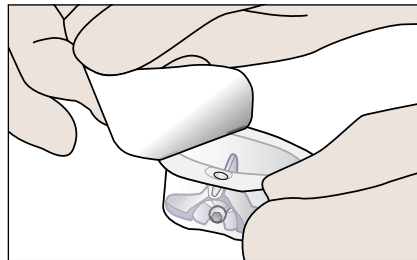
Outer box package

- Simple product classification with brand-specific design, sight window and color-coded imprint of the implant diameter
- Large seal label with details of products
- Stackable, all important product information remains visible
- Includes multilingual instructions for use



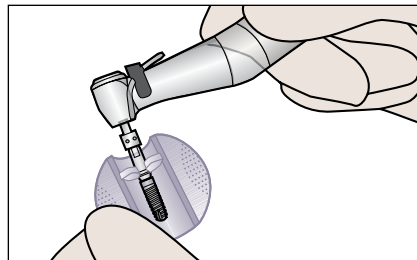
Transparent outer blister

- Outer sterile barrier of implant package



Transparent inner blister

- Inner sterile package
- Contains implant shuttle with implant and cover screw for implants
- Peel-off label with batch number for reliable documentation of treatment



Plastic implant shuttle

- Holds the implant securely in the packaging and protects it from damage
- Makes non-contact transfer and pick-up of the implant easy during the operation
- Three wings with roughened surfaces for non-slip holding make it very easy to handle safely

Implant cover screws

ANKYLOS Cover Screw (as spare part)

Scale 1.5:1



ANKYLOS Membrane Screw

Ø 3.5 mm

Ø 6.0 mm

Ø 6.0 mm
sinus lift, 1 mm

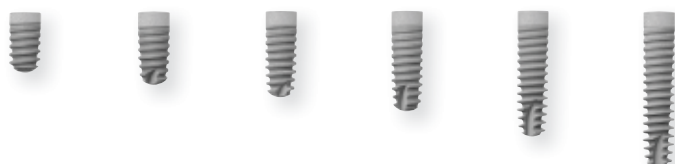
Ø 6.0 mm
sinus lift, 2 mm

Screw driver	1.0 mm hex	1.6 mm slot	1.6 mm slot	1.0 mm hex	1.0 mm hex
Order no.	3101 0480	3101 0110	3101 0120	3101 0130	3101 0140

Implant diameters and lengths

ANKYLOS C/X Implant² (sterile)

Scale 1.2:1



■ A6.6 ■ A8 ■ A9.5 ■ A11 ■ A14 ■ A17

Ø	3.5 mm	3.5 mm	3.5 mm	3.5 mm	3.5 mm	3.5 mm
Lengths	6.6 mm	8 mm	9.5 mm	11 mm	14 mm	17 mm
Order no.	3101 0403	3101 0405	3101 0408	3101 0410	3101 0420	3101 0422

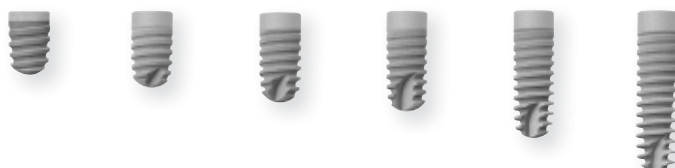
ANKYLOS C/X Implant² (sterile)

Included: Screw implant with cover screw (included) and premounted placement head

Healing mode

- Submerged or transgingival with gingiva-forming component

Scale 1.2:1



■ B6.6 ■ B8 ■ B9.5 ■ B11 ■ B14 ■ B17

Ø	4.5 mm	4.5 mm	4.5 mm	4.5 mm	4.5 mm	4.5 mm
Lengths	6.6 mm	8 mm	9.5 mm	11 mm	14 mm	17 mm
Order no.	3101 0423	3101 0425	3101 0428	3101 0430	3101 0440	3101 0450

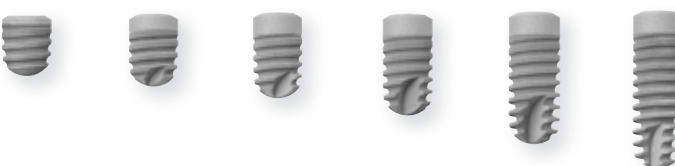
ANKYLOS X-ray template for implants



Reduced scale

Order no. 3103 3370

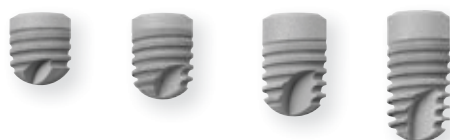
Scale 1.2:1



■ C6.6 ■ C8 ■ C9.5 ■ C11 ■ C14 ■ C17

Ø	5.5 mm	5.5 mm	5.5 mm	5.5 mm	5.5 mm	5.5 mm
Lengths	6.6 mm	8 mm	9.5 mm	11 mm	14 mm	17 mm
Order no.	3101 0452	3101 0453	3101 0455	3101 0458	3101 0460	3101 0470

Scale 1.2:1



■ D8 ■ D9.5 ■ D11 ■ D14

Ø		7 mm	7 mm	7 mm	7 mm
Lengths		8 mm	9.5 mm	11 mm	14 mm
Order no.		3101 0472	3101 0474	3101 0476	3101 0478

INSTRUMENTS

Placement of implants:
ANKYLOS Implant Driver

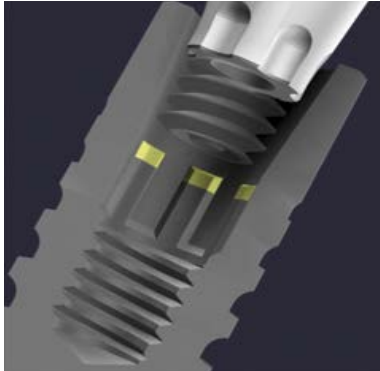
Unscrewing Placement Head, placement of Cover Screw:
Screwdriver 1.0 mm hex

Placement of implants and unscrewing the Placement Head without changing the instrument:
ANKYLOS Implant Driver C/X with Screwdriver

Prosthetic concept C/ and /X – introduction

Choice between non-indexed and indexed prosthetics with easy positioning of the abutments

- Non-indexed components for free positioning of abutments
- Indexed components for precise and straightforward placement of abutments in six possible positions
- Tapered TissueCare connection for optimal stability and rotation locking with all types of implants



C/

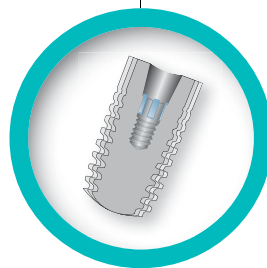


/X



Only ANKYLOS C/X leaves the choice up to you: Use the index as orientation aid whenever this facilitates the prosthetic protocol. Use the tapered connection geometry when it is preferable within prosthetic protocol, e.g. with ANKYLOS SynCone.

Both procedures provide the possibility of free combination, i.e. each abutment fits into each implant.



Construction principles of abutments

Gingiva former

Most gingiva formers are one-piece components for insertion into the implant with the 1.0 mm hex screw driver.

The Balance Anterior C/ sulcus former is a two-piece component with separate screw to allow for customization and fixation in the desired position. Use the 1.0 mm hex screw driver to fasten the screw.

Temporary abutments

The Balance C/ temporary abutments are made from zirconia-reinforced PEEK as two-piece components with separate screw (1.0 mm hex).

Transfer posts

Transfer posts are available for pick-up and repositioning technique.

Transfer posts C/ transfer the implant position without index. Transfer posts /X transfer the implant position and the orientation of the index. Therefore they are longer. All transfer posts show a 1 mm hex at the occlusal aspect, which should be used only for loosening of abutments.

Transfer posts C/ for pick-up technique are two-piece components with separate screw. The transfer posts C/ for repositioning technique are one-piece components.

Transfer posts /X always have an integrated fixation screw.

Prosthetic abutments

Many of the prosthetic abutments (e.g. Regular abutments) have an integrated fixation screw. This fixation screw is mobile but not removable. Abutments with integrated fixation screw are always screwed into the implant with the 1.0 mm hex screw driver.

One-piece abutments (e.g. Balance Base narrow, straight) are inserted with special instruments depending on the abutment head.







All ANKYLOS prosthetic components are laser-marked to indicate their use:



- Components marked with "C/" only use the cone for the connection and are not indexed. This means that the abutment components can be positioned as desired and are completely friction-locked by the cone in order to prevent rotation.
- Components marked with "/X" are indexed. The index is used to position the abutments in the implants in one of six possible positions. In this case, it is also the cone that ensures optimum stability and rotation locking.
- Components marked with "C/X" are used for indexed or non-indexed prosthetics.

Please note:




ANKYLOS C/X implants must only be used with components that are laser-marked with "C/X", "C/" or "/X", or that belong to the following product groups: ANKYLOS Balance Anterior and Posterior abutments and repositioning posts, ANKYLOS CERCON Balance, Balance temporary abutments, Balance Anterior sulcus formers and SynCone abutments.

Prosthetic concepts C/ (without index) – overview

Crown & bridgework	Gingiva formers / sulcus formers	Transfer on implant level
<p>Balance Anterior C/</p>	 <p>Balance Anterior C/ Sulcus Former</p> <p>3102 1510 1.5 small 3102 1515 3.0 small 3102 1520 1.5 large 3102 1525 3.0 large</p>	
<p>Cercon Balance C/</p>	 <p>Balance Anterior C/ Sulcus Former</p> <p>3102 1510 1.5 small 3102 1515 3.0 small 3102 1520 1.5 large 3102 1525 3.0 large</p>	 <p>3104 5400 Transfer Screw C/, short 3104 5402 Transfer Screw C/, long</p> <p>3104 5410 Transfer Post C/, short 3104 5412 Transfer Post C/, long</p>
<p>Regular C/</p>	 <p>Regular C/X Gingiva Former</p> <p>3102 4010 GH 0.75 3102 4012 GH 1.5 3102 4014 GH 3.0 3102 4016 GH 4.5</p>	<p>3104 5415 Repositioning Post C/ 3104 5416 Repositioning Post C/, narrow</p> <p>3104 5270 Balance C/ Implant Analog A</p>









Abutments	Transfer on abutment level, abutment analog	Accessories	Screw retention																																																																
 <p>Balance Anterior C/ Abutment</p> <table border="0"> <tr><td>3102 1550</td><td>small</td><td>GH 1.5</td><td>A 0</td></tr> <tr><td>3102 1560</td><td>small</td><td>GH 3.0</td><td>A 0</td></tr> <tr><td>3102 1590</td><td>small</td><td>GH 1.5</td><td>A 15</td></tr> <tr><td>3102 1600</td><td>small</td><td>GH 3.0</td><td>A 15</td></tr> <tr><td>3102 1570</td><td>large</td><td>GH 1.5</td><td>A 0</td></tr> <tr><td>3102 1580</td><td>large</td><td>GH 3.0</td><td>A 0</td></tr> <tr><td>3102 1610</td><td>large</td><td>GH 1.5</td><td>A 15</td></tr> <tr><td>3102 1620</td><td>large</td><td>GH 3.0</td><td>A 15</td></tr> </table>	3102 1550	small	GH 1.5	A 0	3102 1560	small	GH 3.0	A 0	3102 1590	small	GH 1.5	A 15	3102 1600	small	GH 3.0	A 15	3102 1570	large	GH 1.5	A 0	3102 1580	large	GH 3.0	A 0	3102 1610	large	GH 1.5	A 15	3102 1620	large	GH 3.0	A 15		 <p>Temporary Abutment</p> <table border="0"> <tr><td>3102 3311</td><td>small</td><td>1.5</td><td>A 0</td></tr> <tr><td>3102 3316</td><td>small</td><td>3.0</td><td>A 0</td></tr> <tr><td>3102 3331</td><td>small</td><td>1.5</td><td>A 15</td></tr> <tr><td>3102 3336</td><td>small</td><td>3.0</td><td>A 15</td></tr> <tr><td>3102 3351</td><td>large</td><td>1.5</td><td>A 0</td></tr> <tr><td>3102 3356</td><td>large</td><td>3.0</td><td>A 0</td></tr> <tr><td>3102 3371</td><td>large</td><td>1.5</td><td>A 15</td></tr> <tr><td>3102 3376</td><td>large</td><td>3.0</td><td>A 15</td></tr> </table>	3102 3311	small	1.5	A 0	3102 3316	small	3.0	A 0	3102 3331	small	1.5	A 15	3102 3336	small	3.0	A 15	3102 3351	large	1.5	A 0	3102 3356	large	3.0	A 0	3102 3371	large	1.5	A 15	3102 3376	large	3.0	A 15	 <p>3105 6301 Fixation Screw Lateral Hexagon M 1.4</p> <p>3105 6304 Horizontal Screw Seat for Fixation Screw M 1.4</p>
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3102 3376	large	3.0	A 15																																																																
 <p>Cercon Balance C/ Abutment</p> <table border="0"> <tr><td>neutral</td><td>dentine</td><td></td><td></td></tr> <tr><td>3102 3010</td><td>3102 3310</td><td>small</td><td>GH 1.5 A 0</td></tr> <tr><td>3102 3015</td><td>3102 3315</td><td>small</td><td>GH 3.0 A 0</td></tr> <tr><td>3102 3030</td><td>3102 3330</td><td>small</td><td>GH 1.5 A 15</td></tr> <tr><td>3102 3035</td><td>3102 3335</td><td>small</td><td>GH 3.0 A 15</td></tr> <tr><td>3102 3050</td><td>3102 3350</td><td>large</td><td>GH 1.5 A 0</td></tr> <tr><td>3102 3055</td><td>3102 3355</td><td>large</td><td>GH 3.0 A 0</td></tr> <tr><td>3102 3070</td><td>3102 3370</td><td>large</td><td>GH 1.5 A 15</td></tr> <tr><td>3102 3075</td><td>3102 3375</td><td>large</td><td>GH 3.0 A 15</td></tr> </table>	neutral	dentine			3102 3010	3102 3310	small	GH 1.5 A 0	3102 3015	3102 3315	small	GH 3.0 A 0	3102 3030	3102 3330	small	GH 1.5 A 15	3102 3035	3102 3335	small	GH 3.0 A 15	3102 3050	3102 3350	large	GH 1.5 A 0	3102 3055	3102 3355	large	GH 3.0 A 0	3102 3070	3102 3370	large	GH 1.5 A 15	3102 3075	3102 3375	large	GH 3.0 A 15																															
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3102 3075	3102 3375	large	GH 3.0 A 15																																																																
 <p>Regular C/ Abutment</p> <table border="0"> <tr><td>3102 4150</td><td>GH 0.75</td><td>A 0</td></tr> <tr><td>3102 4160</td><td>GH 1.5</td><td>A 0</td></tr> <tr><td>3102 4170</td><td>GH 3.0</td><td>A 0</td></tr> <tr><td>3102 4180</td><td>GH 4.5</td><td>A 0</td></tr> <tr><td>3102 4151</td><td>GH 0.75</td><td>A 7.5</td></tr> <tr><td>3102 4161</td><td>GH 1.5</td><td>A 7.5</td></tr> <tr><td>3102 4171</td><td>GH 3.0</td><td>A 7.5</td></tr> <tr><td>3102 4181</td><td>GH 4.5</td><td>A 7.5</td></tr> <tr><td>3102 4152</td><td>GH 0.75</td><td>A 15</td></tr> <tr><td>3102 4162</td><td>GH 1.5</td><td>A 15</td></tr> <tr><td>3102 4172</td><td>GH 3.0</td><td>A 15</td></tr> <tr><td>3102 4182</td><td>GH 4.5</td><td>A 15</td></tr> <tr><td>3102 4153</td><td>GH 0.75</td><td>A 22.5</td></tr> <tr><td>3102 4163</td><td>GH 1.5</td><td>A 22.5</td></tr> <tr><td>3102 4173</td><td>GH 3.0</td><td>A 22.5</td></tr> <tr><td>3102 4183</td><td>GH 4.5</td><td>A 22.5</td></tr> <tr><td>3102 4154</td><td>GH 0.75</td><td>A 30</td></tr> <tr><td>3102 4164</td><td>GH 1.5</td><td>A 30</td></tr> <tr><td>3102 4155</td><td>GH 0.75</td><td>A 37.5</td></tr> </table>	3102 4150	GH 0.75	A 0	3102 4160	GH 1.5	A 0	3102 4170	GH 3.0	A 0	3102 4180	GH 4.5	A 0	3102 4151	GH 0.75	A 7.5	3102 4161	GH 1.5	A 7.5	3102 4171	GH 3.0	A 7.5	3102 4181	GH 4.5	A 7.5	3102 4152	GH 0.75	A 15	3102 4162	GH 1.5	A 15	3102 4172	GH 3.0	A 15	3102 4182	GH 4.5	A 15	3102 4153	GH 0.75	A 22.5	3102 4163	GH 1.5	A 22.5	3102 4173	GH 3.0	A 22.5	3102 4183	GH 4.5	A 22.5	3102 4154	GH 0.75	A 30	3102 4164	GH 1.5	A 30	3102 4155	GH 0.75	A 37.5	 <p>3104 7120 Regular C/X 3-in-1 Cap A 0</p> <p>3104 7110 Regular C/X Abutment Analog A 0</p> <p>3104 7121 Regular C/X 3-in-1 Cap A 7.5</p> <p>3104 7111 Regular C/X Abutment Analog A 7.5</p> <p>3104 7122 Regular C/X 3-in-1 Cap A 15</p> <p>3104 7112 Regular C/X Abutment Analog A 15</p> <p>3104 7123 Regular C/X 3-in-1 Cap A 22.5</p> <p>3104 7113 Regular C/X Abutment Analog A 22.5</p>		 <p>3105 6301 Fixation Screw Lateral Hexagon M 1.4</p> <p>3105 6304 Horizontal Screw Seat for Fixation Screw M 1.4</p>							
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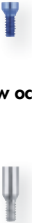








Prosthetic concepts C/ (without index) – overview

Crown & bridgework	Gingiva formers / sulcus formers	Transfer on implant level																						
<p>Balance Posterior C/</p>	 <p>Balance Posterior C/ Sulcus Former</p> <table border="0"> <tr> <td>3102 1528</td> <td>GH 0.75</td> </tr> <tr> <td>3102 1530</td> <td>GH 1.5</td> </tr> <tr> <td>3102 1535</td> <td>GH 3.0</td> </tr> <tr> <td>3102 1540</td> <td>GH 4.5</td> </tr> </table>	3102 1528	GH 0.75	3102 1530	GH 1.5	3102 1535	GH 3.0	3102 1540	GH 4.5	 <table border="0"> <tr> <td>3104 5400</td> <td rowspan="2">Transfer Screw C/, short</td> </tr> <tr> <td>3104 5402</td> <td>Transfer Screw C/, long</td> </tr> <tr> <td>3104 5410</td> <td rowspan="2">Transfer Post C/, short</td> </tr> <tr> <td>3104 5412</td> <td>Transfer Post C/, long</td> </tr> <tr> <td>3104 5415</td> <td rowspan="2">Repositioning Post C/</td> </tr> <tr> <td>3104 5416</td> <td>Repositioning Post C/, narrow</td> </tr> <tr> <td>3104 5270</td> <td>Balance C/ Implant Analog A</td> </tr> </table>	3104 5400	Transfer Screw C/ , short	3104 5402	Transfer Screw C/ , long	3104 5410	Transfer Post C/ , short	3104 5412	Transfer Post C/ , long	3104 5415	Repositioning Post C/	3104 5416	Repositioning Post C/ , narrow	3104 5270	Balance C/ Implant Analog A
3102 1528	GH 0.75																							
3102 1530	GH 1.5																							
3102 1535	GH 3.0																							
3102 1540	GH 4.5																							
3104 5400	Transfer Screw C/ , short																							
3104 5402		Transfer Screw C/ , long																						
3104 5410	Transfer Post C/ , short																							
3104 5412		Transfer Post C/ , long																						
3104 5415	Repositioning Post C/																							
3104 5416		Repositioning Post C/ , narrow																						
3104 5270	Balance C/ Implant Analog A																							
<p>TitaniumBase C/</p>	<p>Individual gingiva forming</p>																							
<p>Standard C/</p>	 <p>Standard C/ Sulcus Former</p> <table border="0"> <tr> <td>3102 1011</td> <td>a / 1.5</td> </tr> <tr> <td>3102 1021</td> <td>a / 3.0</td> </tr> <tr> <td>3102 1026</td> <td>a / 4.5</td> </tr> <tr> <td>3102 1028</td> <td>a / 6.0</td> </tr> <tr> <td>3102 1031</td> <td>b / 1.5</td> </tr> <tr> <td>3102 1041</td> <td>b / 3.0</td> </tr> </table>	3102 1011	a / 1.5	3102 1021	a / 3.0	3102 1026	a / 4.5	3102 1028	a / 6.0	3102 1031	b / 1.5	3102 1041	b / 3.0											
3102 1011	a / 1.5																							
3102 1021	a / 3.0																							
3102 1026	a / 4.5																							
3102 1028	a / 6.0																							
3102 1031	b / 1.5																							
3102 1041	b / 3.0																							

Abutments	Transfer on abutment level, abutment analog	Accessories	Screw retention
 <p>Balance Posterior C/ Abutment</p> <p>3102 1625 GH 0.75 A 0 3102 1647 GH 0.75 A 7.5 3102 1648 GH 0.75 A 15 3102 1652 GH 0.75 A 22.5 3102 1654 GH 0.75 A 30 3102 1659 GH 0.75 A 37.5</p> <p>3102 1630 GH 1.5 A 0 3102 1649 GH 1.5 A 7.5 3102 1650 GH 1.5 A 15 3102 1653 GH 1.5 A 22.5 3102 1655 GH 1.5 A 30</p> <p>3102 1640 GH 3.0 A 0 3102 1660 GH 3.0 A 15</p> <p>3102 1645 GH 4.5 A 0 3102 1665 GH 4.5 A 15</p>			 <p>3105 6051 Retaining Screw Lateral Hexagon M 1 x 0.2</p>  <p>3105 6052 Sleeve for Retaining Screw Lateral Hexagon</p>
 <p>TitaniumBase C/</p> <p>3102 2642 TitaniumBase C/ 3102 2652 TitaniumBase C/ high</p>		 <p>ScanBase C/</p> <p>3102 2644 ScanBase C/ 3102 2654 ScanBase C/high</p>	
 <p>Standard C/ Abutment</p> <p>3102 1050 a / 1.5 / 4.0 A 0 3102 1070 a / 3.0 / 4.0 A 0 3102 1076 a / 4.5 / 4.0 A 0 3102 1078 a / 6.0 / 4.0 A 0 3102 1130 a / 1.5 / 4.0 A 15 3102 1150 a / 3.0 / 4.0 A 15 3102 1060 a / 1.5 / 6.0 A 0 3102 1080 a / 3.0 / 6.0 A 0 3102 1140 a / 1.5 / 6.0 A 15 3102 1160 a / 3.0 / 6.0 A 15 3102 1090 b / 1.5 / 4.0 A 0 3102 1110 b / 3.0 / 4.0 A 0 3102 1170 b / 1.5 / 4.0 A 15 3102 1190 b / 3.0 / 4.0 A 15 3102 1100 b / 1.5 / 6.0 A 0 3102 1120 b / 3.0 / 6.0 A 0 3102 1180 b / 1.5 / 6.0 A 15 3102 1200 b / 3.0 / 6.0 A 15</p>	 <p>3104 5011 TransferCap a / - / 4.0 3104 5140 Lab. Analog a / - / 4.0 A 0 3104 5142 Lab. Analog a / - / 4.0 A 15</p> <p>3104 5021 TransferCap a / - / 6.0 3104 5150 Lab. Analog a / - / 6.0 A 0 3104 5152 Lab. Analog a / - / 6.0 A 15</p> <p>3104 5031 TransferCap b / - / 4.0 3104 5160 Lab. Analog b / - / 4.0 A 0 3104 5162 Lab. Analog b / - / 4.0 A 15</p> <p>3104 5041 TransferCap b / - / 6.0 3104 5170 Lab. Analog b / - / 6.0 A 0 3104 5172 Lab. Analog b / - / 6.0 A 15</p>	 <p>3104 5180 Wax-up Coping a / - / 4.0 crown 3104 5182 Wax-up Coping a / - / 4.0 bridge 3104 5190 Wax-up Coping a / - / 6.0 crown 3104 5192 Wax-up Coping a / - / 6.0 bridge 3104 5200 Wax-up Coping b / - / 4.0 crown 3104 5202 Wax-up Coping b / - / 4.0 bridge 3104 5210 Wax-up Coping b / - / 6.0 crown 3104 5212 Wax-up Coping b / - / 6.0 bridge</p>	 <p>3105 6022 Fixation Screw Occlusal M 1.6</p>  <p>3105 6051 Retaining Screw Lateral Hexagon M 1 x 0.2</p>  <p>3105 6052 Sleeve for Retaining Screw Lateral Hexagon</p>

Prosthetic concepts C/ (without index) – overview

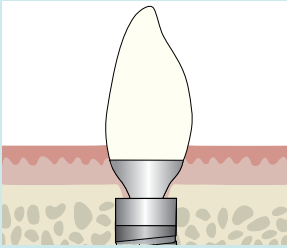
Coverdenture C/	Gingiva formers	Transfer on implant level	Abutments
Balance Base C/ (SmartFix concept)	 <p>Gingiva Former C/ D 4.2</p> 3102 2510 GH 0.75 3102 2512 GH 1.5 3102 2514 GH 3.0 3102 2516 GH 4.5		 <p>Balance Base Abutment C/</p> 3102 2520 narrow GH 0.75 A 0 3102 2530 narrow GH 1.5 A 0 3102 2540 narrow GH 3.0 A 0 3102 2542 GH 3.0 A 15 3102 2546 GH 3.0 A 30 3102 2550 narrow GH 4.5 A 0 3102 2552 GH 4.5 A 15 3102 2556 GH 4.5 A 30
Snap Attachment C/	 <p>Sulcus Former C/ Standard</p> 3102 1011 a / 1.5 3102 1021 a / 3.0 3102 1026 a / 4.5	 <p>3104 5400 Transfer Screw C/ short 3104 5402 Transfer Screw C/ long</p> <p>3104 5410 Transfer Post C/ short 3104 5412 Transfer Post C/ long</p> <p>3104 5415 Repositioning Post C/ narrow 3104 5416 Repositioning Post C/ narrow</p> <p>3104 5270 Balance C/ Implant Analog A</p>	 <p>Snap Attachment C/</p> 3102 1300 GH 1.5 3102 1310 GH 3.0 3102 1320 GH 4.5
LOCATOR C/			 <p>LOCATOR C/ Abutment</p> 3102 2610 GH 2.0 3102 2612 GH 3.0 3102 2614 GH 4.0 3102 2616 GH 5.0 3102 2618 GH 6.0
SynCone C/	 <p>Gingiva Former C/ D 4.2</p> 3102 2512 GH 1.5 3102 2514 GH 3.0 3102 2516 GH 4.5		 <p>SynCone C/ Abutment</p> 3102 2110 GH 1.5 A 0 5° 3102 2112 GH 1.5 A 7.5 5° 3102 2114 GH 1.5 A 15 5° 3102 2116 GH 1.5 A 22.5 5° 3102 2118 GH 1.5 A 30 5° 3102 2120 GH 3.0 A 0 5° 3102 2122 GH 3.0 A 7.5 5° 3102 2124 GH 3.0 A 15 5° 3102 2126 GH 3.0 A 22.5 5° 3102 2128 GH 3.0 A 30 5° 3102 2130 GH 4.5 A 0 5° 3102 2132 GH 4.5 A 7.5 5° 3102 2134 GH 4.5 A 15 5° 3102 2136 GH 4.5 A 22.5 5° 3102 2138 GH 4.5 A 30 5°

Transfer on abutment level, abutment analog	Secondary part	Accessories	Screw retention
 <p>3105 6216 Retention coping 3105 6025 Fixation screw extra long 3104 5332 Analog</p>	 <p>3105 6212 Gold Coping 3105 6216 Retention Coping 3105 6218 Titanium Coping</p>	 <p>3104 5322 Wax-up Coping 3105 6025 Fixation Screw extra long 3102 2590 Protective Cap for Balance Base Abutment narrow</p>	 <p>3105 6022 Fixation screw occlusal M 1.6 3105 6024 Fixation screw occlusal M 1.6 long</p>
 <p>3104 5220* Laboratory Analog</p>	 <p>3102 1312** Matrix for Snap Attachment</p>		
 <p>45 - 3355 Impression Coping (4 pcs) 45 - 3356 Female Analog (4 pcs) D4</p>	 <p>3245 3347 Male Processing Package (Titanium) 3245 3348 Male Processing Package (Stainless Steel)</p>	 <p>Replacement Male (4 pcs) 45 - 3349 clear 45 - 3352 green 45 - 3350 pink 45 - 3353 orange 45 - 3351 blue 45 - 3354 red 45 - 3360 gray 45 - 3358 Processing Replacement Male (4 pcs) 45 - 3359 Block-Out Spacer (20 pcs) 45 - 3361 Processing Spacer (4 pcs)</p>	
 <p>3102 2198 Taper Cap 5° with retention</p>	 <p>3102 2198 Taper cap 5° with retention 3102 2199 Taper cap 5° without retention</p>	 <p>3105 6280 Cover Screw for Abutment straight 5° 3102 1405 Polymerization Sleeve</p>	

*direct impression of snap sphere

**snap 3102 1312 included in 3102 1300, 1310, 1320

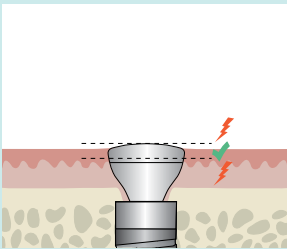
Soft tissue management and abutment assembly



Transition implant-abutment displaced toward the center

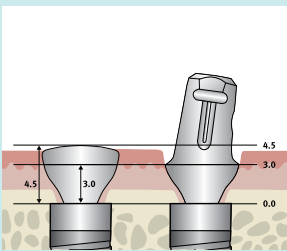
Some special characteristics have to be considered for soft tissue contouring and the choice of the final abutment:

- Due to the taper connection, the diameter of the ANKYLOS abutments on the implant level is markedly smaller than the diameter of the implant itself.
- Soft tissues are also located under the flanks of the abutment.



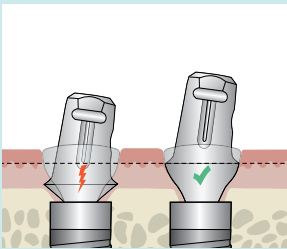
Selection of the correct gingiva height

- The illustration shows the correct usage of a gingiva former.
- If the gingival level lies in the area between the two dotted lines, the correct gingiva former has been selected.
- If the level is above the upper dotted line, a higher gingiva former should be selected; if it is below the lower dotted line, a lower one should be selected.



Selection of the gingiva former corresponding to the abutment

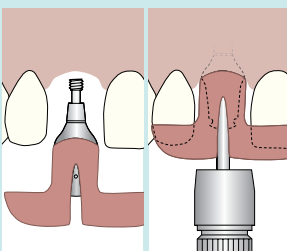
- The gingiva former and final abutment should be selected so that they correspond in prosthetic range and gingival height.
- The description of the height of the gingiva former as shown above (GH 3.0) only refers to the region from the interface level to the edge of the crown.
- The entire gingiva former is always approximately 1.5 mm higher than the nominal height, viewed from the interface level (here: overall height 4.5 mm), in order also to shape the first part of the crown profile.



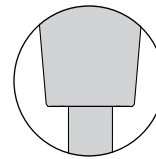
If the soft tissue passage formed is smaller than the profile of the abutment used, this may result in an avoidable compression of the gingiva. This effect occurs when:

1. The gingiva former is markedly higher than the gingival level and the abutment used later on.

- 2.** The gingiva former is suitable to the gingival height, but the gingival height of the final abutment is lower than that of the gingiva former used (see illustration).
- 3.** The final abutment has a larger diameter than the gingiva former used (e.g. in case of a different prosthetic range).



When transferring the tapered connection without index, a transfer key safeguards the exact position of the abutment in the implant.



Impression taking C/ (without index)

IMPLANT LEVEL

ANKYLOS Balance C/ Transfer Post[®]

ANKYLOS Balance C/ Transfer Screw[®]

ANKYLOS Balance C/ Transfer Post

- For transferring the implant position to the master cast with the PickUp technique (open tray)

Scale 1.2:1



short



long



short



long

Order no.

3104 5410

3104 5412

3104 5400

3104 5402

ANKYLOS Balance C/ Repositioning Post[®]

ANKYLOS Balance C/ Repositioning Post narrow[®]

ANKYLOS Balance C/ Repositioning Post

- The option for procedures with closed tray

Scale 1.2:1



Order no.

3104 5415

3104 5416

INSTRUMENTS

Screwing in Transfer Screws and Repositioning Posts:

By hand, Screwdriver 1.0 mm hex for loosening the screws if necessary

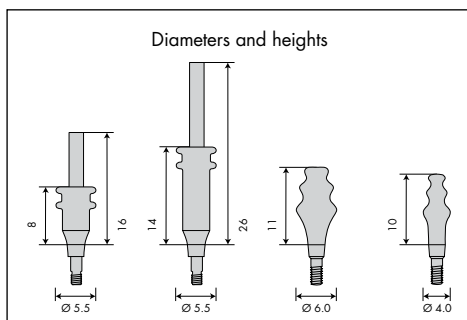
ANKYLOS Balance C/ Implant Analog[®] A

Scale 1.2:1



Order no.

3104 5270



Regular C/*

CROWN & BRIDGEWORK, WIDE ABUTMENTS

ANKYLOS Regular C/X Gingiva Former

- For simple contouring of the peri-implant soft tissue
- Selection depends on the gingival margin

ANKYLOS Regular C/X Gingiva Former⁴

Scale 1.2:1



GH 0.75



GH 1.5



GH 3.0



GH 4.5

Order no.	3102 4010	3102 4012	3102 4014	3102 4016
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TRANSFER ON IMPLANT LEVEL:

Transfer Post Balance C/

IMPRESSION COMPONENT ABUTMENT LEVEL / TRANSFER ON ABUTMENT LEVEL:

3-in-1 Cap as transfer cap (for angulations 0°-22.5° only)

ANKYLOS Regular C/X 3-in-1 Cap

- For transferring the position of the prosthetic abutment when making impressions over ANKYLOS Regular C/X abutments already placed in the implant
- For fabrication of a provisional restoration with snap-effect chairside (on unground abutments only)
- As wax-up coping on abutment analogs

ANKYLOS Regular C/X 3-in-1 Cap²⁰

Scale 1.2:1



A 0



A 7.5



A 15



A 22.5

Order no.	3104 7120	3104 7121	3104 7122	3104 7123
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ANKYLOS Regular C/X Abutment Analog

- For fixing the prosthetic components after the impression making with the 3-in-1 cap

ANKYLOS Regular C/X Abutment Analog⁶

Scale 1.2:1



A 0



A 7.5

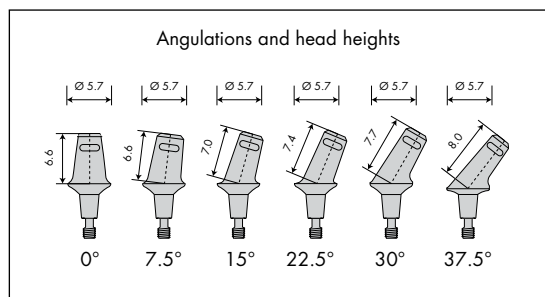
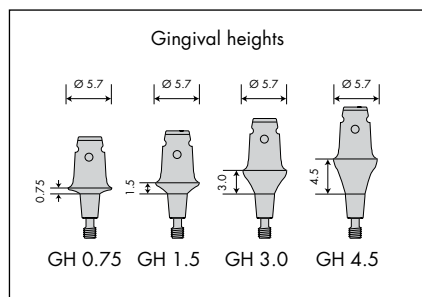


A 15



A 22.5

Order no.	3104 7110	3104 7111	3104 7112	3104 7113
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*Impression on abutment level as an option

ANKYLOS Regular C/ Abutment*

Gingival height 0.75



Scale 1.2:1



Angulation A 0 A 7.5 A 15 A 22.5 A 30 A 37.5

Order no.	3102 4150	3102 4151	3102 4152	3102 4153	3102 4154	3102 4155
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ANKYLOS Regular C/ Abutment

- Easily adaptable to the clinical situation with four gingival heights and up to six angulations
- Can be customized by grinding
- Cementable or laterally screw-retained, A 30 and A 37.5 also occlusally screw-retained
- **Tapered connection geometry for infinitely variable positioning**

Gingival height 1.5



Scale 1.2:1



Angulation A 0 A 7.5 A 15 A 22.5 A 30

Order no.	3102 4160	3102 4161	3102 4162	3102 4163	3102 4164
-----------	-----------	-----------	-----------	-----------	-----------

Gingival height 3.0



Scale 1.2:1



Angulation A 0 A 7.5 A 15 A 22.5

Order no.	3102 4170	3102 4171	3102 4172	3102 4173
-----------	-----------	-----------	-----------	-----------

Gingival height 4.5



Scale 1.2:1



Angulation A 0 A 7.5 A 15 A 22.5

Order no.	3102 4180	3102 4181	3102 4182	3102 4183
-----------	-----------	-----------	-----------	-----------

ANKYLOS
Fixation Screw
Lateral Hexagon
M 1.4¹⁴



3105 6301

ANKYLOS
Horizontal Screw Seat
for Fixation Screw
M 1.4¹⁴



3105 6304

INSTRUMENTS

Placing ANKYLOS Regular C/ Abutments:

Screwdriver 1.0 mm hex,
recommended torque 15 Ncm

Fixing the restoration with the Lateral Fixation Screw (only A 30 and 37.5):

Screwdriver 1.0 mm hex,
recommended torque 10 Ncm

TitaniumBase C/ METAL BASE FOR INDIVIDUAL CERAMIC ABUTMENTS

ANKYLOS TitaniumBase

- For the fabrication of ceramic abutments in patient-specific design
- Titanium adhesive base with prefabricated implant-abutment-connection
- Two flattened sides to prevent rotation
- Available indexed or with tapered connection geometry

ANKYLOS ScanBase

- For scanning the abutment geometry
- Same design as TitaniumBase, made of PEEK (plastic), allows dispensing with Scanspray or powder
- Can be used with all common dental scanners

ANKYLOS TitaniumBase⁴



Scale 1.2:1

Article



/ C



/ C high

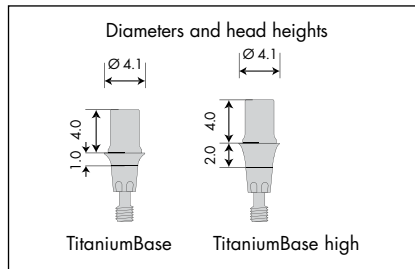


/ C



/ C high

Order no.	3102 2642	3102 2652	3102 2644	3102 2654
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Balance Posterior C/ CROWN & BRIDGEWORK, NARROW ABUTMENTS

ANKYLOS Balance Posterior C/ Sulcus Former

- For simple contouring of the peri-implant soft tissue
- Selection depends on the gingival margin

ANKYLOS Balance Posterior C/ Sulcus Former⁴

Scale 1.2:1



GH 0.75



GH 1.5



GH 3.0



GH 4.5

Order no.	3102 1528	3102 1530	3102 1535	3102 1540
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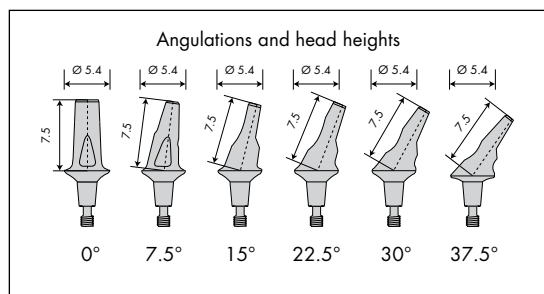
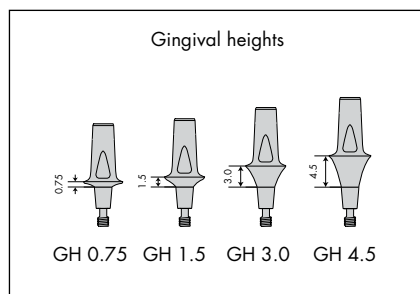
INSTRUMENTS

Placing Sulcus Formers:

Screwdriver 1.0 mm hex

TRANSFER ON IMPLANT LEVEL:

Transfer Post Balance C/



ANKYLOS Balance Posterior C/ Abutment*

Gingival height 0.75



Scale 1.2:1

Angulation



straight 7.5° 15° 22.5° 30° 37.5°

Order no.	3102 1625	3102 1647	3102 1648	3102 1652	3102 1654	3102 1659
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ANKYLOS Balance Posterior C/ Abutment

- For crowns and bridges in the posterior region
- Optimally adaptable to the clinical situation with four gingival heights and up to six angulations
- Can be customized by grinding
- Cementable or laterally screw-retained
- **Tapered connection geometry for infinitely variable positioning**

Gingival height 1.5



Scale 1.2:1

Angulation



straight 7.5° 15° 22.5° 30°

Order no.	3102 1630	3102 1649	3102 1650	3102 1653	3102 1655
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Gingival height 3.0



Scale 1.2:1

Angulation



straight 15°

Order no.	3102 1640		3102 1660
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Gingival height 4.5



Scale 1.2:1

Angulation



straight 15°

Order no.	3102 1645		3102 1665
-----------	-----------	--	-----------

ANKYLOS
Retaining Screw
Lateral Hexagon
M 1 x 0.2⁶



3105 6051

ANKYLOS Sleeve
for Retaining
Screw Lateral
Hexagon¹⁴



3105 6052

INSTRUMENTS

Placing ANKYLOS Balance C/ Abutments:

Screwdriver 1.0 mm hex, recommended torque 15 Ncm

Fixing the restoration with the Lateral Retaining Screw:

Screwdriver 1.0 mm hex, recommended torque 10 Ncm

Balance Anterior C/ ANATOMICAL ABUTMENTS, ANTERIOR REGION

ANKYLOS Balance C/ Sulcus Former

- For simple contouring of the peri-implant soft tissue
- Selection depends on the gingival margin

INSTRUMENTS

Placing Sulcus Formers:
Screwdriver 1.0 mm hex

ANKYLOS Balance C/ Sulcus Former⁴

Screw for Sulcus Formers⁴



Scale 1.2:1

Article	1.5 small	3.0 small	1.5 large	3.0 large	1.5	3.0
Order no.	3102 1510	3102 1515	3102 1520	3102 1525	3102 1505	3102 1507

TRANSFER ON IMPLANT LEVEL:


Transfer Post C/

ANKYLOS Balance C/ Temporary Abutment

- For esthetically demanding temporary crowns and bridges
- Easily adaptable to the clinical situation with two diameters, two sulcus heights and two angulations
- Easy to use with groove for retention of the temporary denture
- Stable and x-ray visible with zirconium oxide additive


Please note that the maximum wearing time is 6 months.

ANKYLOS Balance C/ Temporary Abutment^{4/24/32}



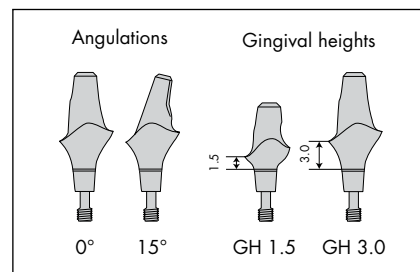
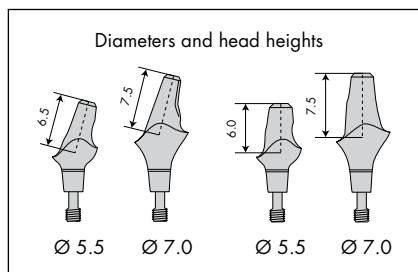
Scale 1.2:1

Article	small / 1.5/ straight Ø 5.5 / H 6.0	small / 3.0/ straight Ø 5.5 / H 6.0	large / 1.5/ straight Ø 7 / H 7.5	large / 3.0/ straight Ø 7 / H 7.5
Order no.	3102 3311	3102 3316	3102 3351	3102 3356



Scale 1.2:1

Article	small / 1.5/ 15° Ø 5.5 / H 6.5	small / 3.0/ 15° Ø 5.5 / H 6.5	large / 1.5/ 15° Ø 7 / H 7.5	large / 3.0/ 15° Ø 7 / H 7.5
Order no.	3102 3331	3102 3336	3102 3371	3102 3376



ANKYLOS Balance Anterior C/ Abutment⁴



Scale 1.2:1

Article



small / 1.5/
straight
Ø 5.5 / H 6.0

small / 3.0/
straight
Ø 5.5 / H 6.0

large / 1.5/
straight
Ø 7 / H 7.5

large / 3.0/
straight
Ø 7 / H 7.5

Order no.

3102 1550

3102 1560

3102 1570

3102 1580

ANKYLOS Balance Anterior C/ Abutment

- For esthetically demanding single-tooth crowns and bridges in the anterior region
- Easily adaptable to the clinical situation with two diameters, two gingival heights and two angulations
- Can be customized by grinding
- Cementable or laterally screw-retained
- **Tapered connection geometry for infinitely variable positioning**



Scale 1.2:1

Article



small / 1.5/
15°
Ø 5.5 / H 6.5

small / 3.0/
15°
Ø 5.5 / H 6.5

large / 1.5/
15°
Ø 7 / H 7.5

large / 3.0/
15°
Ø 7 / H 7.5

Order no.

3102 1590

3102 1600

3102 1610

3102 1620

ANKYLOS CERCON Balance C/ Abutment^{32/4}



Scale 1.2:1

Article



small / 1.5/
straight
Ø 5.5 / H 6.0

small / 3.0/
straight
Ø 5.5 / H 6.0

large / 1.5/
straight
Ø 7 / H 7.5

large / 3.0/
straight
Ø 7 / H 7.5

Order no. neutral

3102 3010

3102 3015

3102 3050

3102 3055

Order no. dentine

3102 3310

3102 3315

3102 3350

3102 3355

ANKYLOS CERCON Balance C/ Abutment

- For porcelain crowns with realistic tooth analogy in the front-tooth region
- Extremely stable, manufactured with zirconium oxide ceramic
- Easily adaptable to the clinical situation with two diameters, two gingival heights and two angulations
- Only large abutment customizable by grinding
- Two shades of neutral and dentine
- Superior esthetics with brilliant light dynamics
- **Tapered connection geometry for infinitely variable positioning**



Scale 1.2:1

Article



small / 1.5/
15°
Ø 5.5 / H 6.5

small / 3.0/
15°
Ø 5.5 / H 6.5

large / 1.5/
15°
Ø 7 / H 7.5

large / 3.0/
15°
Ø 7 / H 7.5

Order no. neutral

3102 3030

3102 3035

3102 3070

3102 3075

Order no. dentine

3102 3330

3102 3335

3102 3370

3102 3375

Please note that the indication is restricted to single-tooth restorations in the front-tooth region.

Balance Base C/, SmartFix® concept*

OCCLUSAL SCREW-RETAINED BRIDGES, BAR

ANKYLOS Gingiva Former C/ D 4.2⁴

				
Scale 1.2:1	GH 0.75	GH 1.5	GH 3.0	GH 4.5
Order no.	3102 2510	3102 2512	3102 2514	3102 2516

ANKYLOS Protective Cap for Balance Base Abutment narrow

- For contouring of the peri-implant soft tissue on the Balance Base Abutment C/ narrow
- For covering the narrow Base Abutment in the patient's mouth during the laboratory stage




ANKYLOS Analog Balance Base Abutment narrow⁴

			
Scale 1.2:1			
Order no.	3104 5332	3102 2590	3105 6212

ANKYLOS Retention Coping for Balance Base Abutment narrow

- For simplified transfer on abutment level
- To be used for PickUp technique occlusal fixation screw 3105 6025


ANKYLOS Retention Coping for Balance Base Abutment narrow⁴

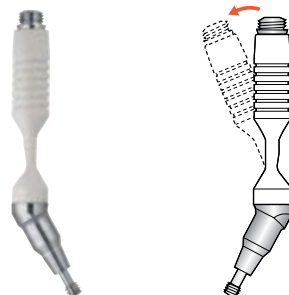
			
Scale 1.2:1			
Order no.	3105 6216	3105 6218	3104 5322

Pre-fabricated copings for ANKYLOS Balance Base Abutment C/

- For simple fabrication of prosthetic restorations without changing abutments in the patient's mouth
- Due to the overlapping thread, only Occlusal Fixation Screws 3105 6022/24/25 can be used with Copings for Balance Base Abutment narrow

Abutment Head for Balance Base Abutment C/ angled^{4, 24} (as spare part)

	
Scale 1.2:1	
Order no.	3102 2570



Angled Balance Base Abutment C/ for SmartFix concept

For secure handling the abutment components are premounted on a seating instrument. Delivery of the angled Balance Base abutment is facilitated by the short and flexible seating instrument, especially when space is restricted.

*Impression on abutment level as an option

ANKYLOS Balance Base Abutment C/ narrow^{4, 24} (angled version)

Gingival height 0.75



Scale 1.2:1

Angulation

A 0

Order no.

3102 2520

Gingival height 1.5



Scale 1.2:1

Angulation

A 0

Order no.

3102 2530

Gingival height 3.0



Scale 1.2:1

Angulation

A 0

A 15

A 30

Order no.

3102 2540

3102 2542

3102 2546

Gingival height 4.5



Scale 1.2:1

Angulation

A 0

A 15

A 30

Order no.

3102 2550

3102 2552

3102 2556

ANKYLOS Fixation Screw Occlusal M 1.6 mm Hex⁴

Scale 1.2:1



short
(anodized blue)



long
(flush with coping)



extra long
(extends coping by 5 mm)

Order no.

3105 6022

3105 6024

3105 6025

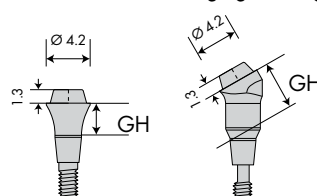
ANKYLOS Balance Base Abutment C/ narrow

- For retaining overdentures on bar constructions
- Also as an option for simple and straightforward fabrication of screw-retained bridges
- Base for CAD/CAM-manufactured bar-retained overdentures and bridges
- For occlusal screw retention only

Please note:

Balance Base Abutments must be used in pairs and are not suitable for cemented-in suprastructures. Single-tooth restorations are contraindicated.

Diameters / head- / gingival heights



Base Abutment C/
narrow

Base Abutment C/
angled

INSTRUMENTS

Screwing in ANKYLOS Balance Base Abutments C/:

Insert for Prosthetic Ratchet, 1.8 mm hex, recommended torque 25 Ncm

Screwing in Occlusal Fixation / Retaining Screws:

Screwdriver 1.0 mm hex, recommended torque 10 Ncm

Finishers are available for trimming the prosthetic restoration in the laboratory.

SynCone® C/*

EDENTULOUS JAW, PREFABRICATED TAPER CROWNS

ANKYLOS SynCone 5°

5° taper angle

- Unified head geometry for both mandible and maxilla
- Independent of the number of Implants

Additional angulations

- 7.5° for more accurate alignment in the mandible
- 22.5° and 30° specially designed for the maxilla
- All angulations available in all gingival heights for greater flexibility

Parallel gauge with rotation aid

- Standard positioning key can be locked into the shaft to simplify alignment of the abutment with the parallel gauge

Taper cap also without retention

- Immediately ready for cementing into metal framework

Cover screw for straight abutment

- Easier than resin for covering the screw channel

ANKYLOS Gingiva Former C/ D 4.2⁴



Scale 1.2:1

GH 0.75

GH 1.5

GH 3.0

GH 4.5

Order no.

3102 2510

3102 2512

3102 2514

3102 2516

IMPRESSION TAKING:

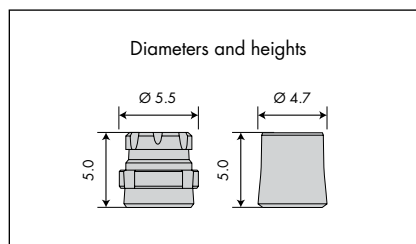
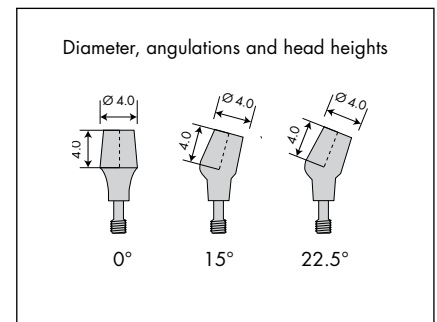
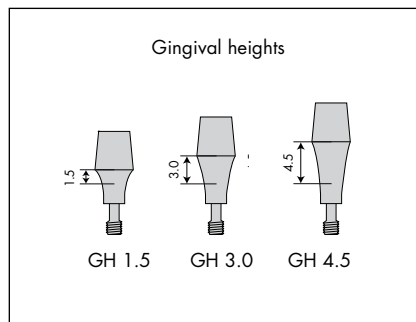
There is no impression taking when immediate loading is performed.

ON HEALED IMPLANTS IMPRESSION IS TAKEN ON IMPLANT LEVEL:

Transfer abutment Balance C/

WHEN A LONG-TERM TEMPORIZATION IS CHANGED TO THE FINAL RESTORATION, THE TRANSFER IS TAKEN ON ABUTMENT LEVEL:

SynCone taper cap with retention used as transfer cap.



*Impression on abutment level in immediate restoration

ANKYLOS SynCone C/ Abutment⁴

Gingival height 1.5



Scale 1.2:1

Angulation



A 0



A 7.5



A 15



A 22.5



A 30

Order no.	3102 2110	3102 2112	3102 2114	3102 2116	3102 2118
-----------	-----------	-----------	-----------	-----------	-----------

Gingival height 3.0



Scale 1.2:1

Angulation



A 0



A 7.5



A 15



A 22.5



A 30

Order no.	3102 2120	3102 2122	3102 2124	3102 2126	3102 2128
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Gingival height 4.5



Scale 1.2:1

Angulation



A 0



A 7.5



A 15



A 22.5



A 30

Order no.	3102 2130	3102 2132	3102 2134	3102 2136	3102 2138
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ANKYLOS Cover Screw for SynCone C/ Abutment straight 5°

Scale 1.2:1



ANKYLOS Taper Cap Degulor[®] for SynCone 5°



with retention



without retention

Order no.	3105 6280	3102 2198	3102 2199
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ANKYLOS Parallel Gauge for SynCone⁴

Scale 1.2:1



ANKYLOS Polymerization Sleeve for SynCone²⁶



Order no.	3103 3611	3102 1405
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ANKYLOS SynCone C/ Abutment

- For restoration of the edentulous mandible with an immediately loaded prosthesis on four prefabricated interforaminal taper abutments
- For late restoration of the mandible and maxilla as prefabricated retaining element for prostheses
- Straight or angled in three sulcus heights and up to five angulations
- **Tapered connection geometry for infinitely variable positioning**

SynCone C/ abutments with head geometry 4° and 6° remain available.

ANKYLOS Taper Cap Degulor[®] for SynCone C/

- For abutments with 5° taper head available with retention in immediate restoration. Without retention for simplified fabrication of prostheses with metal framework in late restorations.

INSTRUMENTS

Placing ANKYLOS SynCone C/ Abutments:

Screwdriver 1.0 mm hex,
recommended torque 15 Ncm

Parallel alignment of abutments:

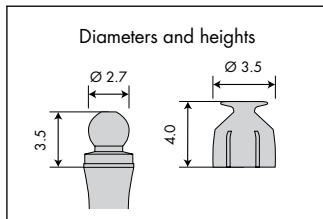
Parallel Gauge for SynCone

Snap Attachment C/*

EDENTULOUS JAW, PREFABRICATED RETENTION ELEMENTS

ANKYLOS Abutment with Snap Attachment C/

- Overdentures in the edentulous mandible on two implants
- Fabrication of the restoration chairside or in the laboratory
- Diameter of snap sphere is 2.7 mm



ANKYLOS Abutment with Snap Attachment C/⁴



Scale 1.2:1



a / 1.5

a / 3.0

a / 4.5

Order no. with matrix	3102 1300	3102 1310	3102 1320
Order no. w/o matrix	3102 1301	3102 1311	3102 1321

INSTRUMENTS

Placing ANKYLOS Snap Attachments:

Torque Insert for Snap Attachment, recommended torque 25 Ncm

Activation/deactivation of Matrix for Snap Attachment:

Activation/Deactivation Instrument for Matrix for Snap Attachment

ANKYLOS Matrix for Snap Attachment⁴

ANKYLOS Silicone Ring²⁶ (Spare part)

ANKYLOS Laboratory Analog⁶ for Abutment with Snap Attachment

Scale 1.2:1



Order no.	3102 1312	3102 1313	3104 5220
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Prosthetic restorations with extremely thin gingiva

ANKYLOS components with gingival height zero

- For restoring cases with primarily extremely thin alveolar mucosa

ANKYLOS Sulcus Former 0.0⁴

ANKYLOS Central Screw Hex

Scale 1.2:1



■ for A-implants

■ for B-implants

■ for C-implants

for sulcus former 0.0

Order no.	3102 1451	3102 1452	3102 1454	3102 1431
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ANKYLOS Balance Posterior C/ Abutment⁴

ANKYLOS Regular C/X Implant Analog⁶

Scale 1.2:1



0.0 / straight

■ for A-implants

■ for B-implants

■ for C-implants

■ for D-implants

Order no.	3102 1445	3104 7011	3104 7012	3104 7013	3104 7014
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*Impression on abutment level as an option



LOCATOR® C/ EDENTULOUS JAW, PREFABRICATED RETENTION ELEMENTS

ANKYLOS LOCATOR Abutment C/⁴⁰



Scale 1.2:1 GH 2 GH 3 GH 4 GH 5 GH 6

Order no.	3102 2610	3102 2612	3102 2614	3102 2616	3102 2618
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ANKYLOS LOCATOR C/

- Full arch overdentures on two implants
- Self-aligning design for easy fixation in mouth with a simple click
- Low overall height to provide greater freedom at limited space conditions
- Flexible retention for individual definition of prosthesis retention and compensation of axial divergencies

LOCATOR Replacement Male⁴¹ (4 pieces)

Scale 1.2:1



clear, strong pink, light blue, extra light extended range: gray, zero extended range: green, strong extended range: orange, light extended range: red, extra light

Order no.	45 - 3349	45 - 3350	45 - 3351	45 - 3360	45 - 3352	45 - 3353	45 - 3354
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LOCATOR Impression Coping⁴² (4 pieces)

Scale 1.2:1



LOCATOR Male Processing Package (Contents: 2 piece each)



Titanium⁴³ Stainless Steel⁴³

LOCATOR Female Analog⁴⁴ (4 pieces) D 4



Content LOCATOR Male Processing Package:

- 2 x Matrix
- 2 x Block-Out Spacer
- 2 x Replacement Male clear, strong retention
- 2 x Replacement Male pink, light retention
- 2 x Replacement Male blue, extra light retention

Order no.	45 - 3355	45 - 3347	45 - 3348	45 - 3356
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LOCATOR Black Processing Replacement Male⁴⁶ (4 pieces)

Scale 1.2:1



LOCATOR Block-Out Spacer⁴⁷ (20 pieces)



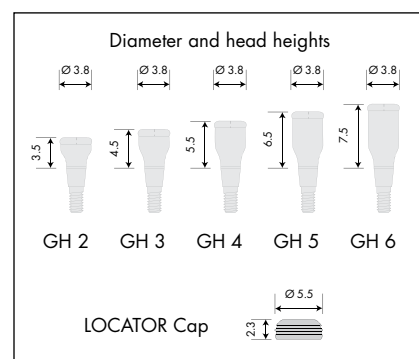
LOCATOR Processing Spacer⁴⁸ (4 pieces)



LOCATOR Abutment Holder Sleeve⁵⁰ (4 pieces)



Order no.	45 - 3358	45 - 3359	45 - 3361	45 - 3341
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LOCATOR Core Tool⁴⁹ 4-piece

Reduced scale



ANKYLOS Insert for Prosthetic Ratchet⁶ for LOCATOR



LOCATOR Angle Measurement Guide⁵¹



LOCATOR Parallel Post⁴⁶ (4 pieces)



Order no.	45 - 3340	3103 3635	45 - 3345	45 - 3346
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INSTRUMENTS

Placing LOCATOR Abutments:
LOCATOR Core Tool, 3-piece or ANKYLOS Insert for Prosthetic Ratchet for LOCATOR.

Standard C/**

CROWN & BRIDGEWORK ON ABUTMENT LEVEL

ANKYLOS Standard C/ Sulcus Former

- For simple contouring of the peri-implant soft tissue
- They are selected depending on the gingival height and the planned abutment diameter a or b

INSTRUMENTS

Placing Sulcus Formers / Gingiva Formers:

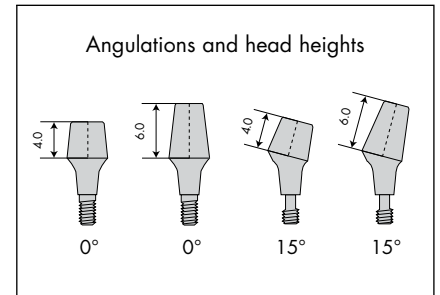
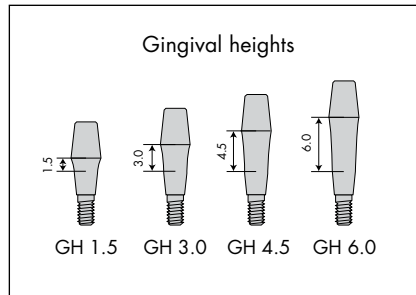
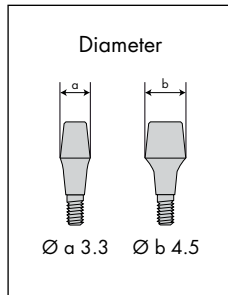
Screwdriver 1.0 mm hex

ANKYLOS Standard C/ Sulcus Former⁴

Scale 1.2:1



Article	a / 1.5 compact	a / 3.0 compact	a / 4.5 compact	a / 6.0 compact	b / 1.5 compact	b / 3.0 compact
Order no.	3102 1011	3102 1021	3102 1026	3102 1028	3102 1031	3102 1041



**Impression on abutment level only

ANKYLOS Standard C/ Abutment*

Straight abutments

Straight Standard abutments are inserted with insertion keys for "a" abutments or "b" abutments. The M 1.6 occlusal thread is for fixing the suprastructure in place.



Scale 1.2:1

Article a/1.5/4.0 a/1.5/6.0 a/3.0/4.0 a/4.5/4.0 a/6.0/4.0 a/3.0/6.0

Order no.	3102 1050	3102 1060	3102 1070	3102 1076	3102 1078	3102 1080
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Scale 1.2:1

Article b/1.5/4.0 b/1.5/6.0 b/3.0/4.0 b/3.0/6.0

Order no.	3102 1090	3102 1100	3102 1110	3102 1120
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Angled abutments

15° Standard abutments are fixed in the correct position with a positioning key for preangled abutments and tightened by applying 15 Ncm to the straining screw. Screwdriver: 1.0 mm hexagon. The suprastructures are retained by the M1 X 0.2 lateral retaining screw hexagon.



Scale 1.2:1

Article a/1.5/4.0 15° a/1.5/6.0 15° a/3.0/4.0 15° a/3.0/6.0 15°

Order no.	3102 1130	3102 1140	3102 1150	3102 1160
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Scale 1.2:1

Article b/1.5/4.0 15° b/1.5/6.0 15° b/3.0/4.0 15° b/3.0/6.0 15°

Order no.	3102 1170	3102 1180	3102 1190	3102 1200
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ANKYLOS Standard C/ Abutment

- High flexibility with various sizes and two angulations
- Abutment selection chairside, the abutments remain in the patient's mouth
- Simplified supragingival impressions and framework try-in
- Cementable or screw-retained (occlusal with straight abutments, lateral with angled abutments)

INSTRUMENTS

Placing ANKYLOS Standard C/ Abutments straight:

Insertion Key for a and b Abutments, recommended torque 25 Ncm

Placing ANKYLOS Standard C/ Abutments angled:

Screwdriver 1.0 mm hex, recommended torque 15 Ncm

Fixing Crowns and Bridges with the Retaining Screw Occlusal or Lateral:

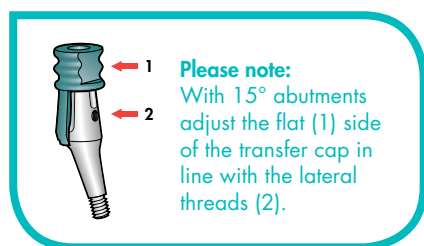
Screwdriver 1.0 mm hex, recommended torque 10 Ncm

Standard C/**

CROWN & BRIDGEWORK ON ABUTMENT LEVEL

ANKYLOS Standard TransferCap

- For transfer of the abutment position to the master cast
- Fixed on the abutment by retention, on straight abutments also with the wax-up screw long (pick-up impression with open tray)



ANKYLOS Standard TransferCap²⁷

Scale 1.2:1



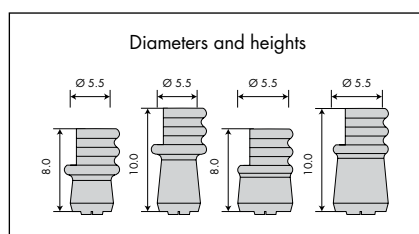
a / 1.5 / 4.0
a / 3.0 / 4.0

a / 1.5 / 6.0
a / 3.0 / 6.0

b / 1.5 / 4.0
b / 3.0 / 4.0

b / 1.5 / 6.0
b / 3.0 / 6.0

Order no.	3104 5011	3104 5021	3104 5031	3104 5041
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ANKYLOS Standard Temporary Cap

- For simple and quick fabrication of temporary components on Standard abutments straight and angled
- Fabrication chairside or in the laboratory

ANKYLOS Standard Temporary Cap²⁰

Scale 1.2:1



a / 1.5 / 4.0
a / 3.0 / 4.0

a / 1.5 / 6.0
a / 3.0 / 6.0

b / 1.5 / 4.0
b / 3.0 / 4.0

b / 1.5 / 6.0
b / 3.0 / 6.0

Order no.	3104 5280	3104 5290	3104 5300	3104 5310
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ANKYLOS Standard Laboratory Analog one piece

- For laboratory fabrication of the implant prosthetics in the Standard system
- For fixing gold copings in the soldering model

ANKYLOS Standard Laboratory Analog⁶ one piece

Scale 1.2:1



a / 1.5 / 4.0
a / 3.0 / 4.0
straight

a / 1.5 / 6.0
a / 3.0 / 6.0
straight

b / 1.5 / 4.0
b / 3.0 / 4.0
straight

b / 1.5 / 6.0
b / 3.0 / 6.0
straight

Order no.	3104 5140	3104 5150	3104 5160	3104 5170
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ANKYLOS Standard laboratory analogs two-piece remain available.

Scale 1.2:1



a / 1.5 / 4.0
a / 3.0 / 4.0
15°

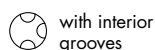
a / 1.5 / 6.0
a / 3.0 / 6.0
15°

b / 1.5 / 4.0
b / 3.0 / 4.0
15°

b / 1.5 / 6.0
b / 3.0 / 6.0
15°

Order no.	3104 5142	3104 5152	3104 5162	3104 5172
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ANKYLOS Standard Wax-up Coping²⁰ straight & 15°, for single crowns



with interior grooves



Scale 1.2:1

a / 1.5 / 4.0
a / 3.0 / 4.0

a / 1.5 / 6.0
a / 3.0 / 6.0

b / 1.5 / 4.0
b / 3.0 / 4.0

b / 1.5 / 6.0
b / 3.0 / 6.0

Order no.

3104 5180

3104 5190

3104 5200

3104 5210

ANKYLOS Standard Wax-up Coping Bridge²⁰ straight & 15°, for bridges



without interior grooves



Scale 1.2:1

a / 1.5 / 4.0
a / 3.0 / 4.0

a / 1.5 / 6.0
a / 3.0 / 6.0

b / 1.5 / 4.0
b / 3.0 / 4.0

b / 1.5 / 6.0
b / 3.0 / 6.0

Order no.

3104 5182

3104 5192

3104 5202

3104 5212

ANKYLOS Standard Gold Coping Degunorm^{®12}



Scale 1.2:1

a / 1.5 / 4.0
a / 3.0 / 4.0

a / 1.5 / 6.0
a / 3.0 / 6.0

b / 1.5 / 4.0
b / 3.0 / 4.0

b / 1.5 / 6.0
b / 3.0 / 6.0

Order no.

3105 6160

3105 6170

3105 6180

3105 6190

ANKYLOS Standard Gold Coping Permador^{®14}



Scale 1.2:1

a / 1.5 / 4.0
a / 3.0 / 4.0

a / 1.5 / 6.0
a / 3.0 / 6.0

b / 1.5 / 4.0
b / 3.0 / 4.0

b / 1.5 / 6.0
b / 3.0 / 6.0

Order no.

3105 6100

3105 6110

3105 6120

3105 6130

ANKYLOS Fixation Screw Occlusal, short[†]



Scale 1.2:1

Order no.

3105 6022

ANKYLOS Retaining Screw Lateral Hexagon M 1 x 0.2[‡]



Order no.

ANKYLOS Sleeve for Retaining Screw Lateral Hexagon¹⁴



Order no.

ANKYLOS Screw for Gold Coping 1.6 mm⁴



Order no.

ANKYLOS Standard Wax-up Coping

- For waxing single-tooth crowns for straight and angled Standard abutments
- Occlusal and lateral holes for screw-retained suprastructures
- Ribs for rotation locking
- Also for cemented restorations

ANKYLOS Standard Wax-up Coping Bridge

- For fabrication of bridges for straight and angled Standard abutments
- Occlusal and lateral holes for screw-retained superstructures
- Also for cemented restorations

ANKYLOS Standard Gold Coping




- For fabrication of bar restorations on straight Standard abutments
- For soldering from the high-gold content precious metal alloy Degunorm[®]
- Cast-to from the precious metal alloy Permador[®]

INSTRUMENTS

Fixing crowns and bridges with the Fixation Screw Occlusal or Lateral:
Screwdriver 1.0 mm hex, recommended torque 10 Ncm

Fixing bars with the Screw for Gold Coping:
Screwdriver 1.6 mm blade, recommended torque 10 Ncm

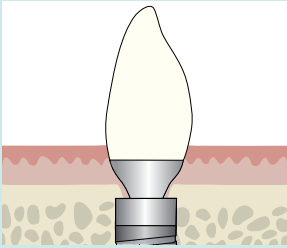
Prosthetic concepts /X (with index) – overview

Crown & bridgework	Gingiva formers / sulcus formers	Transfer on implant level
<p>Balance Anterior /X</p>	 <p>Balance Anterior C/ Sulcus Former</p> <p>3102 1510 1.5 small 3102 1515 3.0 small 3102 1520 1.5 large 3102 1525 3.0 large</p>	
<p>Regular /X</p>	 <p>Regular C/X Gingiva Former</p> <p>3102 4010 GH 0.75 3102 4012 GH 1.5 3102 4014 GH 3.0 3102 4016 GH 4.5</p>	 <p>3104 7040 Transfer Post Pick-Up short 3104 7042 Transfer Post Pick-Up long 3104 7044 Repositioning Post short 3104 7046 Repositioning Post long 3104 7011 Regular C/X Implant Analog A</p>
<p>TitaniumBase /X</p>	<p>Individual gingiva forming</p>	



Abutments	Transfer on abutment level, abutment analog	Accessories	Screw retention																																																																
 <p>Balance Anterior X/</p> <table border="0"> <tr><td>3102 2710</td><td>small</td><td>GH 1.5</td><td>A 0</td></tr> <tr><td>3102 2715</td><td>small</td><td>GH 3.0</td><td>A 0</td></tr> <tr><td>3102 2730</td><td>small</td><td>GH 1.5</td><td>A 15</td></tr> <tr><td>3102 2735</td><td>small</td><td>GH 3.0</td><td>A 15</td></tr> <tr><td>3102 2750</td><td>large</td><td>GH 1.5</td><td>A 0</td></tr> <tr><td>3102 2755</td><td>large</td><td>GH 3.0</td><td>A 0</td></tr> <tr><td>3102 2770</td><td>large</td><td>GH 1.5</td><td>A 15</td></tr> <tr><td>3102 2775</td><td>large</td><td>GH 3.0</td><td>A 15</td></tr> </table>	3102 2710	small	GH 1.5	A 0	3102 2715	small	GH 3.0	A 0	3102 2730	small	GH 1.5	A 15	3102 2735	small	GH 3.0	A 15	3102 2750	large	GH 1.5	A 0	3102 2755	large	GH 3.0	A 0	3102 2770	large	GH 1.5	A 15	3102 2775	large	GH 3.0	A 15		 <p>Temporary abutments</p> <table border="0"> <tr><td>3102 3311</td><td>small</td><td>1.5</td><td>A 0</td></tr> <tr><td>3102 3316</td><td>small</td><td>3.0</td><td>A 0</td></tr> <tr><td>3102 3331</td><td>small</td><td>1.5</td><td>A 15</td></tr> <tr><td>3102 3336</td><td>small</td><td>3.0</td><td>A 15</td></tr> <tr><td>3102 3351</td><td>large</td><td>1.5</td><td>A 0</td></tr> <tr><td>3102 3356</td><td>large</td><td>3.0</td><td>A 0</td></tr> <tr><td>3102 3371</td><td>large</td><td>1.5</td><td>A 15</td></tr> <tr><td>3102 3376</td><td>large</td><td>3.0</td><td>A 15</td></tr> </table>	3102 3311	small	1.5	A 0	3102 3316	small	3.0	A 0	3102 3331	small	1.5	A 15	3102 3336	small	3.0	A 15	3102 3351	large	1.5	A 0	3102 3356	large	3.0	A 0	3102 3371	large	1.5	A 15	3102 3376	large	3.0	A 15	 <p>3105 6301 Fixation Screw Lateral Hexagon M 1.4</p>  <p>3105 6304 Horizontal Screw Seat for Fixation Screw M 1.4</p>
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 <p>Regular X/</p> <table border="0"> <tr><td>3102 4110</td><td>GH 0.75</td><td>A 0</td></tr> <tr><td>3102 4120</td><td>GH 1.5</td><td>A 0</td></tr> <tr><td>3102 4130</td><td>GH 3.0</td><td>A 0</td></tr> <tr><td>3102 4140</td><td>GH 4.5</td><td>A 0</td></tr> <tr><td>3102 4111</td><td>GH 0.75</td><td>A 7.5</td></tr> <tr><td>3102 4121</td><td>GH 1.5</td><td>A 7.5</td></tr> <tr><td>3102 4131</td><td>GH 3.0</td><td>A 7.5</td></tr> <tr><td>3102 4141</td><td>GH 4.5</td><td>A 7.5</td></tr> <tr><td>3102 4112</td><td>GH 0.75</td><td>A 15</td></tr> <tr><td>3102 4122</td><td>GH 1.5</td><td>A 15</td></tr> <tr><td>3102 4132</td><td>GH 3.0</td><td>A 15</td></tr> <tr><td>3102 4142</td><td>GH 4.5</td><td>A 15</td></tr> <tr><td>3102 4113</td><td>GH 0.75</td><td>A 22.5</td></tr> <tr><td>3102 4123</td><td>GH 1.5</td><td>A 22.5</td></tr> <tr><td>3102 4133</td><td>GH 3.0</td><td>A 22.5</td></tr> <tr><td>3102 4143</td><td>GH 4.5</td><td>A 22.5</td></tr> <tr><td>3102 4114</td><td>GH 0.75</td><td>A 30</td></tr> <tr><td>3102 4124</td><td>GH 1.5</td><td>A 30</td></tr> <tr><td>3102 4115</td><td>GH 0.75</td><td>A 37.5</td></tr> </table>	3102 4110	GH 0.75	A 0	3102 4120	GH 1.5	A 0	3102 4130	GH 3.0	A 0	3102 4140	GH 4.5	A 0	3102 4111	GH 0.75	A 7.5	3102 4121	GH 1.5	A 7.5	3102 4131	GH 3.0	A 7.5	3102 4141	GH 4.5	A 7.5	3102 4112	GH 0.75	A 15	3102 4122	GH 1.5	A 15	3102 4132	GH 3.0	A 15	3102 4142	GH 4.5	A 15	3102 4113	GH 0.75	A 22.5	3102 4123	GH 1.5	A 22.5	3102 4133	GH 3.0	A 22.5	3102 4143	GH 4.5	A 22.5	3102 4114	GH 0.75	A 30	3102 4124	GH 1.5	A 30	3102 4115	GH 0.75	A 37.5	 <p>3104 7120 Regular C/X 3-in-1 Cap A 0</p> <p>3104 7110 Regular C/X Abutment Analog A 0</p> <p>3104 7121 Regular C/X 3-in-1 Cap A 7.5</p> <p>3104 7111 Regular C/X Abutment Analog A 7.5</p> <p>3104 7122 Regular C/X 3-in-1 Cap A 15</p> <p>3104 7112 Regular C/X Abutment Analog A 15</p> <p>3104 7123 Regular C/X 3-in-1 Cap A 22.5</p> <p>3104 7113 Regular C/X Abutment Analog A 22.5</p>		 <p>3105 6301 Fixation Screw Lateral Hexagon M 1.4</p>  <p>3105 6304 Horizontal Screw Seat for Fixation Screw M 1.4</p>							
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 <p>TitaniumBase X/</p> <table border="0"> <tr><td>3102 2646</td><td>TitaniumBase /X</td></tr> <tr><td>3102 2656</td><td>TitaniumBase /X high</td></tr> </table>	3102 2646	TitaniumBase /X	3102 2656	TitaniumBase /X high		 <p>ScanBase X/</p> <table border="0"> <tr><td>3102 2648</td><td>ScanBase /X</td></tr> <tr><td>3102 2658</td><td>ScanBase /X high</td></tr> </table>	3102 2648	ScanBase /X	3102 2658	ScanBase /X high																																																									
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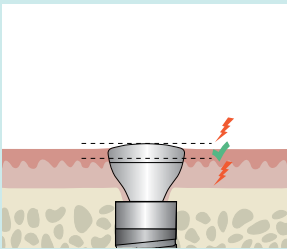
Soft tissue management and abutment assembly



Transition implant-abutment displaced toward the center

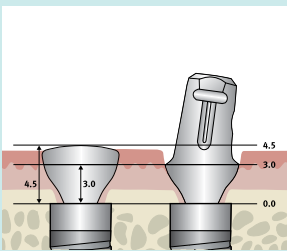
Some special characteristics have to be considered for soft tissue contouring and the choice of the final abutment:

- Due to the taper connection, the diameter of the ANKYLOS abutments on the implant level is markedly smaller than the diameter of the implant itself.
- Soft tissues are also located under the flanks of the abutment.



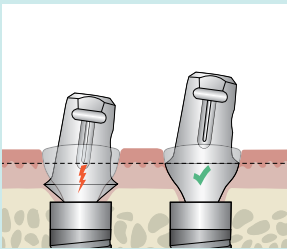
Selection of the correct gingiva height

- The illustration shows the correct usage of a gingiva former.
- If the gingival level lies in the area between the two dotted lines, the correct gingiva former has been selected.
- If the level is above the upper dotted line, a higher gingiva former should be selected; if it is below the lower dotted line, a lower one should be selected.



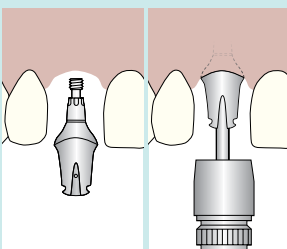
Selection of the gingiva former corresponding to the abutment

- The gingiva former and final abutment should be selected so that they correspond in prosthetic range and gingival height.
- The description of the height of the gingiva former as shown above (GH 3.0) only refers to the region from the interface level to the edge of the crown.
- The entire gingiva former is always approximately 1.5 mm higher than the nominal height, viewed from the interface level (here: overall height 4.5 mm), in order also to shape the first part of the crown profile.

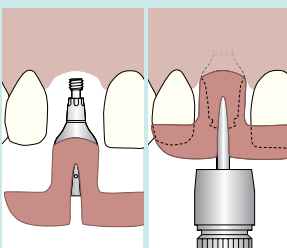


If the soft tissue passage formed is smaller than the profile of the abutment used, this may result in an avoidable compression of the gingiva. This effect occurs when:

1. The gingiva former is markedly higher than the gingival level and the abutment used later on.
2. The gingiva former is suitable to the gingival height, but the gingival height of the final abutment is lower than that of the gingiva former used (see illustration).
3. The final abutment has a larger diameter than the gingiva former used (e.g. in case of a different prosthetic range).



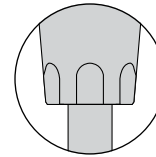
When using indexed abutments, the index serves as an aid for placement in six possible positions.



However, for reasons of easier handling, we recommend the usage of a transfer key.

Impression taking /X (with index)

IMPLANT LEVEL



ANKYLOS /X Transfer Post[®] (PickUp Technique)
with screw extension²⁴

ANKYLOS PickUp Screw Extension
(5 pieces) spare part

ANKYLOS /X Transfer Post

- For transferring the implant position to the master cast with the PickUp technique (open tray)

Scale 1.2:1



short

long

Order no.

3104 7040

3104 7042

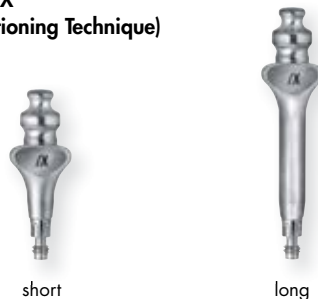
3104 7048

ANKYLOS Regular C/X Transfer Post[®] (Repositioning Technique)

ANKYLOS Regular C/X Transfer Post (Repositioning Technique)

- For transferring the implant position to the master cast with the repositioning technique (closed tray)

Scale 1.2:1



short

long

Order no.

3104 7044

3104 7046

ANKYLOS Regular C/X Implant Analog[®] A

ANKYLOS C/X Implant Analog

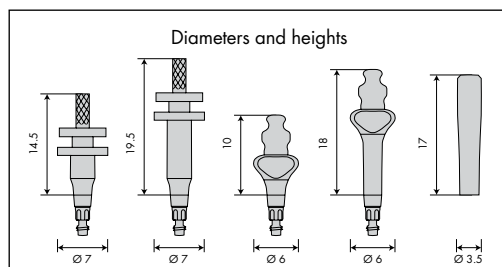
- For fixing the prosthetic components in the master cast

Scale 1.2:1



Order no.

3104 7011



Regular /X*

CROWN & BRIDGEWORK, WIDE ABUTMENTS

ANKYLOS Regular C/X Gingiva Former

- For simple contouring of the peri-implant soft tissue
- Selection depends on the gingival margin

ANKYLOS Regular C/X Gingiva Former⁴

Scale 1.2:1



GH 0.75



GH 1.5



GH 3.0



GH 4.5

Order no.	3102 4010	3102 4012	3102 4014	3102 4016
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TRANSFER ON IMPLANT LEVEL:

Repositioning Post /X

TRANSFER ON ABUTMENT LEVEL:

3-in-1 Cap as transfer cap (for angulations 0°-22.5° only)

ANKYLOS Regular C/X 3-in-1 Cap

- For transferring the position of the prosthetic abutment when making impressions over ANKYLOS Regular C/X abutments already placed in the implant
- For fabrication of a provisional restoration with snap-effect chairside (on unground abutments only)
- As wax-up coping on abutment analogs

ANKYLOS Regular C/X 3-in-1 Cap²⁰

Scale 1.2:1



A 0



A 7.5



A 15



A 22.5

Order no.	3104 7120	3104 7121	3104 7122	3104 7123
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ANKYLOS Regular C/X Abutment Analog

- For fixing the prosthetic components after the impression making with the 3-in-1 cap

ANKYLOS Regular C/X Abutment Analog⁶

Scale 1.2:1



A 0



A 7.5

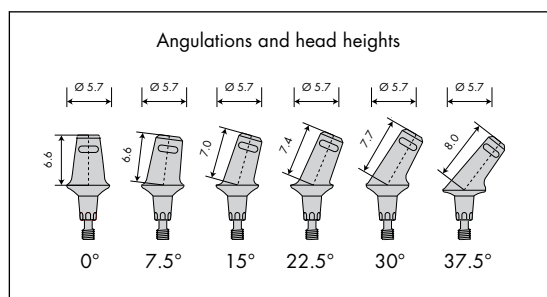
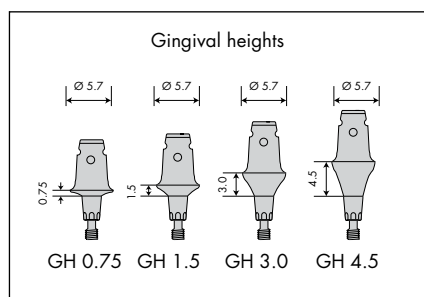


A 15



A 22.5

Order no.	3104 7110	3104 7111	3104 7112	3104 7113
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*Impression on abutment level as an option



ANKYLOS Regular /X Abutment*

Gingival height 0.75



Scale 1.2:1

Angulation A 0 A 7.5 A 15 A 22.5 A 30 A 37.5

Order no. 3102 4110 3102 4111 3102 4112 3102 4113 3102 4114 3102 4115

ANKYLOS Regular /X Abutment

- Easily adaptable to the clinical situation with four gingival heights and up to six angulations
- Can be customized by grinding
- Cementable or laterally screw-retained, A 30 and A 37.5 also occlusally screw-retained
- Available indexed or with tapered connection geometry

Gingival height 1.5



Scale 1.2:1

Angulation A 0 A 7.5 A 15 A 22.5 A 30

Order no. 3102 4120 3102 4121 3102 4122 3102 4123 3102 4124

Gingival height 3.0



Scale 1.2:1

Angulation A 0 A 7.5 A 15 A 22.5

Order no. 3102 4130 3102 4131 3102 4132 3102 4133

Gingival height 4.5



Scale 1.2:1

Angulation A 0 A 7.5 A 15 A 22.5

Order no. 3102 4140 3102 4141 3102 4142 3102 4143

ANKYLOS
Fixation Screw
Lateral Hexagon
M 1.4¹⁴



3105 6301

ANKYLOS
Horizontal Screw Seat
for Fixation Screw
M 1.4¹⁴



3105 6304

INSTRUMENTS

Placing ANKYLOS Regular /X Abutments:

Screwdriver 1.0 mm hex,
recommended torque 15 Ncm

Fixing the restoration with the Lateral Fixation Screw (only A 30 and 37.5):

Screwdriver 1.0 mm hex,
recommended torque 10 Ncm

Balance Anterior /X

ANATOMICAL ABUTMENTS, ANTERIOR REGION

ANKYLOS Balance C/ Sulcus Former

- For simple contouring of the periimplant soft tissue
- Selection depends on the gingival margin

INSTRUMENTS

Placing Sulcus Formers:
Screwdriver 1.0 mm hex

ANKYLOS Balance C/ Sulcus Former⁴

Screw for Sulcus Formers⁴



Scale 1.2:1

Article	1.5 small	3.0 small	1.5 large	3.0 large	1.5	3.0
Order no.	3102 1510	3102 1515	3102 1520	3102 1525	3102 1505	3102 1507


TRANSFER ON IMPLANT LEVEL:

Transfer Post /X

ANKYLOS Balance Anterior /X Abutment


- For esthetically demanding single-tooth crowns and bridges in the anterior region
- Easily adaptable to the clinical situation with two diameters, two gingival heights and two angulations
- Can be customized by grinding
- Cementable or laterally screw-retained
- **Available indexed or with tapered connection geometry**

ANKYLOS Balance Anterior /X Abutment⁴



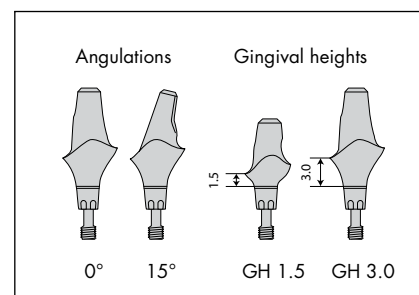
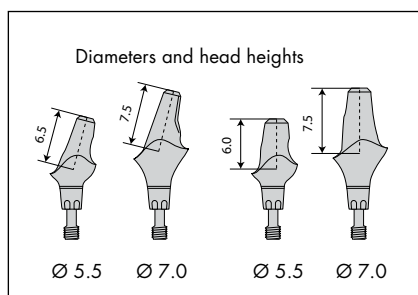
Scale 1.2:1

Article	small / 1.5 / straight Ø 5.5 / H 6.0	small / 3.0 / straight Ø 5.5 / H 6.0	large / 1.5 / straight Ø 7 / H 7.5	large / 3.0 / straight Ø 7 / H 7.5
Order no.	3102 2710	3102 2715	3102 2750	3102 2755



Scale 1.2:1

Article	small / 1.5 / 15° Ø 5.5 / H 6.5	small / 3.0 / 15° Ø 5.5 / H 6.5	large / 1.5 / 15° Ø 7 / H 7.5	large / 3.0 / 15° Ø 7 / H 7.5
Order no.	3102 2730	3102 2735	3102 2770	3102 2775





TitaniumBase /X

METAL BASE FOR INDIVIDUAL CERAMIC ABUTMENTS

ANKYLOS TitaniumBase⁴



Scale 1.2:1

Article



/ X



/ X high

ANKYLOS ScanBase^{24, 4}



/ X



/ X high

Order no.

3102 2646

3102 2656

3102 2648

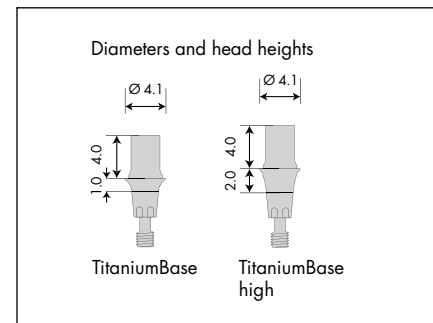
3102 2658

ANKYLOS TitaniumBase

- For the fabrication of ceramic abutments in patient-individual design
- Titanium adhesive base with pre-fabricated implant-abutment-connection
- Two flattened sides to prevent rotation
- Available indexed or with tapered connection geometry

ANKYLOS ScanBase

- For scanning the abutment geometry
- Same design as TitaniumBase, made of PEEK (plastic), allows dispensing with scanspray or powder
- Can be used with all common dental scanners



ATLANTIS™ –

PATIENT-SPECIFIC CAD/CAM PROSTHETIC SOLUTIONS FOR ABUTMENTS, BARS AND BRIDGES



For a more natural result, ATLANTIS patient-specific CAD/CAM abutments are uniquely designed using ATLANTIS VAD (Virtual Abutment Design) software and manufactured using a state-of-the-art milling process. ATLANTIS abutments are available in titanium, gold-shaded titanium and zirconia.

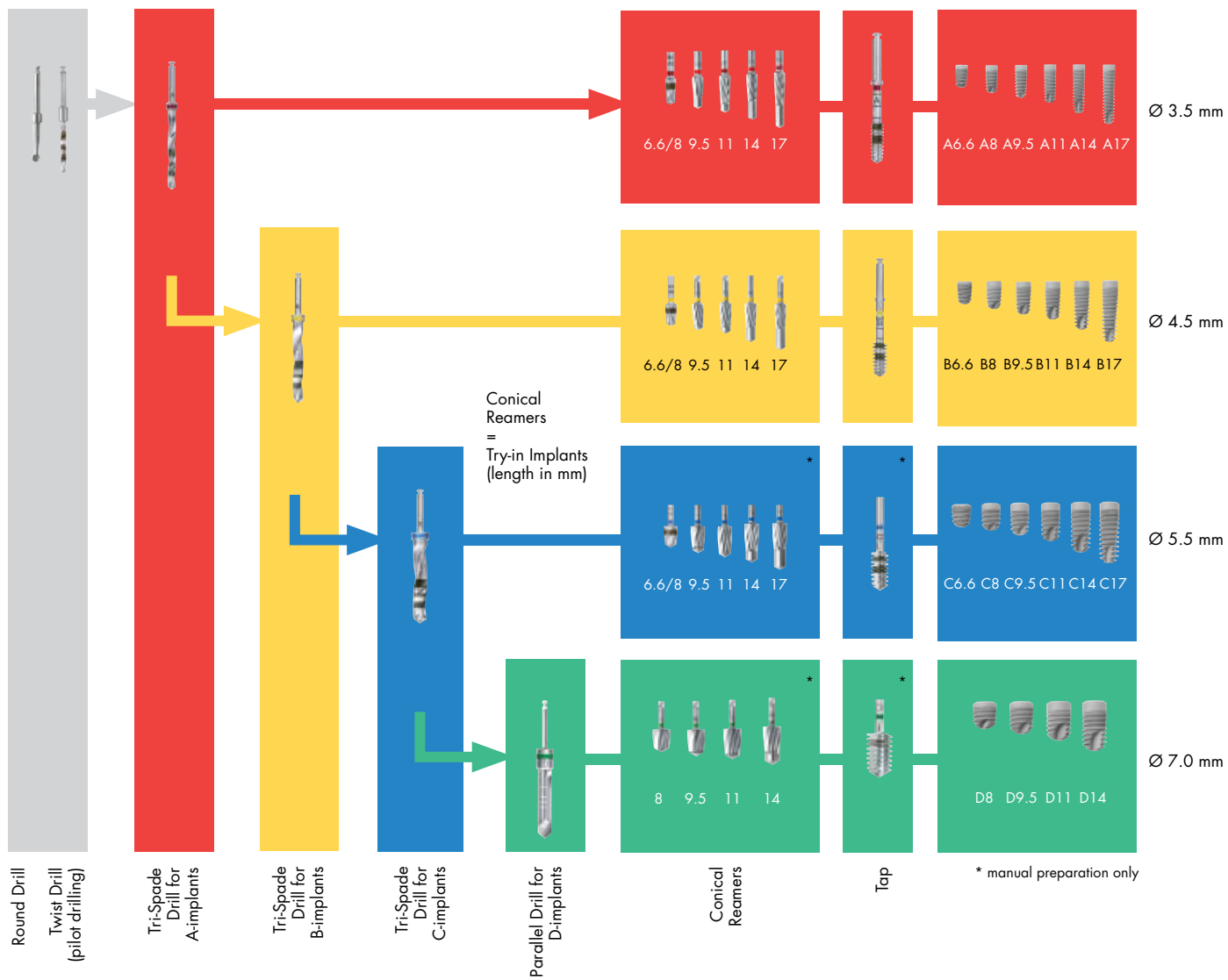
ATLANTIS ISUS implant suprastructures are produced using the latest developments in CAD/CAM technologies, and are supported by computer based industrial and medical device expertise. ATLANTIS ISUS implant suprastructures are available in titanium and cobalt-chrome.

The ATLANTIS order is entered in the ATLANTIS WebOrder:
www.atlantisweborder.com.

For further information please contact your local DENTSPLY Implants representative.

Surgical instruments

DRILLS



Round Drill
Twist Drill
(pilot drilling)

Tri-Spade
Drill for
A-implants

Tri-Spade
Drill for
B-implants

Tri-Spade
Drill for
C-implants

Parallel Drill for
D-implants

Conical
Reamers

Tap

* manual preparation only

Round Drill* Lindemann Drill* Twist Drill* Parallel Gauge for Lindemann Drill for Twist Drill Drill Extension** Extension Instrument HXSS



Scale 1:1





Ø 3 mm l = 8 mm l = 11 mm Ø 2 mm Ring marking

Order no.	3103 3010	3103 3015	3103 3020	3103 3022	3103 3025	3103 3026	91-0003	3103 7408
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* With internal irrigation
** The drill extension must always be used with the long internal irrigation tube (Order no. 90 - 5043).

DRILLS

ANKYLOS Tri-Spade Drill⁶

Scale 1:1				
Lengths For implants	XS ■ A	S ■ A	M ■ A	L ■ A
Order no.	3103 7324	3103 7325	3103 7330	3103 7340

ANKYLOS Tri-Spade Drills⁶





- For implant site preparation up to the planned implant diameter
- With internal irrigation
- ANKYLOS Tri-Spade Drills are available in four lengths:
XS – for implants of max. 8 mm length
S – for implants of max. 14 mm length
M – all implant lengths
L – all implant lengths

The effective drilling depth during preparation is slightly deeper than the specified implant length.



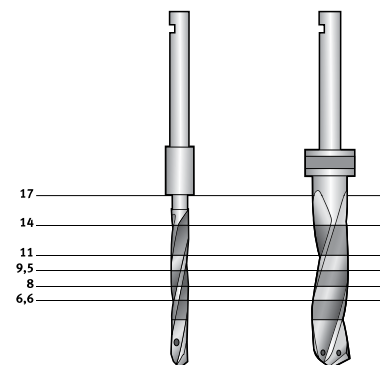
A 0.4 mm	B 0.5 mm	C 0.6 mm	D 0.8 mm
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Diameter of drills (mm)
2.9 3.8 4.7 5.7




Scale 1:1				
Lengths For implants	XS ■ B	S ■ B	M ■ B	L ■ B
Order no.	3103 7344	3103 7345	3103 7350	3103 7360

Please note:
Cutting instruments should generally be replaced after 20 cycles of use. Blunt or damaged instruments must be replaced immediately.

Scale 1:1				
Scale 1:1				
Lengths For implants	XS ■ C	S ■ C	M ■ C	L ■ C
Order no.	3103 7364	3103 7365	3103 7370	3103 7380



ANKYLOS Parallel Drills⁶

Scale 1:1			
Lengths For implants	XS ■ D	S ■ D	M ■ D
Order no.	3103 3181	3103 3182	3103 3183

ANKYLOS Parallel Drills⁶

- For preparation of the final implant diameter for D-implants

Surgical instruments

REAMERS/TAPS

ANKYLOS Conical Reamer

- For widening the cavity to fit the conical core of the implants
- One reamer per implant
- For use with the contra-angle handpiece (motor, A and B-implants only) or with the ratchet (manual)
- Also used as a try-in implant

ANKYLOS Conical Reamers⁶

Scale 1:1



For implants

	■ A6.6/A8	■ A9.5	■ A11	■ A14	■ A17
Order no. manual	3103 3185	3103 3188	3103 3190	3103 3200	3103 3202
Order no. motor	3103 7185	3103 7188	3103 7190	3103 7200	3103 7202

Scale 1:1



For implants

	■ B6.6/B8	■ B9.5	■ B11	■ B14	■ B17
Order no. manual	3103 3205	3103 3208	3103 3210	3103 3220	3103 3230
Order no. motor	3103 7205	3103 7208	3103 7210	3103 7220	3103 7230

Scale 1:1



For implants

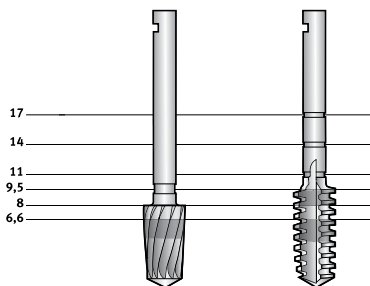
	■ C6.6/C8	■ C9.5	■ C11	■ C14	■ C17
Order no. manual	3103 3233	3103 3235	3103 3238	3103 3240	3103 3250

Scale 1:1



For implants

	■ D8	■ D9.5	■ D11	■ D14
Order no. manual	3103 3252	3103 3254	3103 3256	3103 3258



ANKYLOS Tap

- For preparation of the ANKYLOS implant thread
- One tap per implant diameter
- Depth calibration by ring marks or shading
- For use with the contra-angle handpiece (motor, A and B-implants only) or with the ratchet (manual)

ANKYLOS Tap⁶

Scale 1:1



For implants

	■ A	■ B	■ C	■ D
Order no. manual	3103 3260	3103 3270	3103 3280	3103 3285
Order no. motor	3103 7440	3103 7450		

RATCHET/RATCHET INSERTS

Surgical Ratchet with Torque Indication⁶



Reduced scale

ANKYLOS Ratchet Spring⁶

ANKYLOS Open-end Wrench C/X⁶

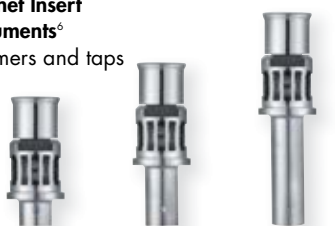


Surgical Ratchet with Torque Indication

- For more safety during manual placement of implants
- Readable torque indicator
- Can be set for right/left rotation

Order no.	3103 7500	3103 3031	3103 7502
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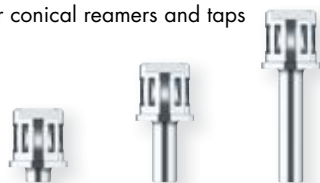
ANKYLOS Ratchet Insert for Motor Instruments⁶ for conical reamers and taps



Scale 1:1

short, HXSS medium, HXSS long, HXSS

ANKYLOS Ratchet Insert for Manual Instruments⁶ for conical reamers and taps



short medium long

ANKYLOS Ratchet Inserts

- For use with motor-driven instruments with ISO shank 2.35 mm and with the hexagonal clamping system (HXSS) in the ratchet

ANKYLOS Ratchet Inserts

- For use with the manually-driven instruments in the ratchet (shank diameter 2.5mm)

Order no.	3103 7510	3103 7511	3103 7512	3103 3070	3103 3080	3103 3090
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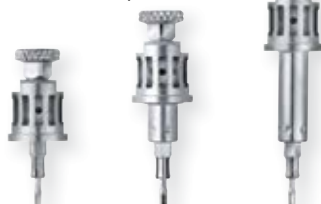
ANKYLOS Seating Instrument for C/X Implants⁶ for manual placement



Scale 1:1

short medium long

ANKYLOS Implant Driver C/X with Screwdriver⁶ for manual placement



short medium long

ANKYLOS Implant Drivers

- For placement of ANKYLOS C/X implants
- For use with the contra-angle handpiece (HXSS) or with the ratchet

ANKYLOS Implant Driver C/X with Screwdriver

- For implant placement and loosening of the placement head without changing the instrument

Order no.	3103 7531	3103 7532	3103 7533	3103 7471	3103 7472	3103 7473
-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANKYLOS Handle for Ratchet Insert^{6, 52}

ANKYLOS Seating Instrument for C/X Implants^{6, 52}

ANKYLOS PTFE ring⁵² (5 pieces)

ANKYLOS Handle for Instruments, XL⁶

ANKYLOS Insertion Handle for C/X Implants, extra long^{6, 52}

ANKYLOS Handle for Ratchet Insert

- For holding ratchet inserts without using the ratchet



Scale 1:1

short, HXSS motor long, HXSS motor



Reduced scale

Order no.	3103 3040	3103 7541	3103 7543	3103 7530	3103 3095	3103 7539
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Surgical instruments

DRILLS FOR GUIDED SURGERY

ANKYLOS Rotary Tissue Punch GS

- For the minimally invasive exposure of the surgical site

ANKYLOS Initial Drill GS

- For removal of soft tissue and bone above the implant shoulder after use of the mucosa punch
- For beveling/smoothing the planned implant position (specific to the implant diameter)

ANKYLOS Rotary Tissue Punch GS⁶

Scale 1:1



■ for A-implants

■ for B-implants

■ for A-implants

■ for B-implants

8

9.5

11

14

Order no.	3103 7610	3103 7612	3103 7602	3103 7604	3103 7621	3103 7622	3103 7623	3103 7624
-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANKYLOS Twist Drill GS and Tri-Spade-Drill GS

- Drills in implant length for implant site preparation up to the planned implant diameter
- The drills are guided in the surgical guide by the sleeves for drills (Sleeve-on-Drill System)

Please note:

Instruments named "GS" are only for use with DENTSPLY Implants Guided Surgery procedures.

ANKYLOS Tri-Spade Drill GS⁶

Scale 1:1



■ A 8

■ A 9.5

■ A 11

■ A 14

■ B 8

■ B 9.5

■ B 11

■ B 14

Order no.	3103 7631	3103 7632	3103 7633	3103 7634	3103 7641	3103 7642	3103 7643	3103 7644
-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANKYLOS Sleeves for Twist Drill and Tri-Spade-Drills

- For safe guidance of the drills in the surgical guide (Sleeve-on-Drill System)

Drill sleeve must be replaced after the operation (one-patient sleeves). They are intended for single-use.

Sleeve for ANKYLOS Drill GS⁶

Sleeve for ANKYLOS Tri-Spade Drill GS⁶

Sleeve narrow GS Set

Sleeve wide GS Set

Sleeve narrow for Twist Drill GS (10 pcs.)

Sleeve wide for Twist Drill GS (10 pieces)

Sleeve narrow for Tri-Spade Drill GS A (10 pcs.)

Sleeve wide for Tri-Spade Drill GS A (10 pcs.)

Sleeve wide for Tri-Spade Drill GS B (10 pcs.)

Scale 1:1



Implant lengths

■ for A-implants

■ for B-implants

Order no.	3103 7727	3103 7728	3103 7701	3103 7725	3103 7702	3103 7723	3103 7703
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Contents:
1 piece each
3103 7701
3103 7702

Contents:
1 piece each
3103 7725
3103 7723
3103 7703

INSTRUMENTS

No instruments are required for mounting the ANKYLOS sleeves to the drills and implant drivers.

ANKYLOS Conical Reamer GS⁶

Scale 1:1



■ for implants A8 / A9.5 ■ for implants A11 / A14 ■ for implants B8 / B9.5 ■ for implants B11 / B14

Order no.	3103 7651	3103 7653	3103 7661	3103 7663
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ANKYLOS Conical Reamer GS

- For widening the cavity to fit the conical core of the implants
- One reamer each for two implant lengths

ANKYLOS Tap GS⁶

Scale 1:1



■ A 8 ■ A 9.5 ■ A 11 ■ A 14 ■ B 8 ■ B 9.5 ■ B 11 ■ B 14

Order no.	3103 7671	3103 7672	3103 7673	3103 7674	3103 7681	3103 7682	3103 7683	3103 7684
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ANKYLOS Tap GS

- For pre-tapping of the ANKYLOS C/X implant threads
- One tap per implant diameter and length

Please note:

Cutting instruments should generally be replaced after 20 cycles of use. Blunt or damaged instruments must be replaced immediately.

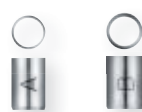
ANKYLOS Implant Drivers for Guided Surgery (GS)⁶

Scale 1:1



short, narrow long, narrow short, wide long, wide
 ■ for A-implants ■ for B-implants

ANKYLOS Sleeve for Implant Driver GS⁶ (spare part)



■ for A-implants ■ for B-implants

ANKYLOS Stabilization Abutment GS^{6, 52}



■ for A-implants ■ for B-implants

Order no.	3103 7690	3103 7692	3103 7691	3103 7693	3103 7706	3103 7726	3103 7721	3103 7722
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ANKYLOS Implant Driver GS

- Available in two lengths and with diameters narrow for A-implants and wide for B-implants

ANKYLOS Stabilization Abutment GS

- For preventing lateral displacement and rotation of the SIMPLANT SAFE Guide during preparation of multiple implant sites

ANKYLOS Positioning Aid^{2, 4}

Scale 1:1



■ for A-implants ■ for B-implants

Order no.	3104 5801	3104 5802
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ANKYLOS Positioning Aid

- For preoperative fabrication of prosthetic restorations
- Incorporation of the restoration directly after implant surgery

Surgical kits

The surgical kits – customized for your requirements

- Simple, flexible and economical with the modular design with absolute minimum number of instruments required
- Can be customized with additional modules as required
- Instruments securely fixed in silicone holders
- Clear and simple user guidance during surgery
- Can be cleaned easily and thoroughly

ANKYLOS Surgical Kit

■ ■ motor AB

Reduced scale



All instruments required for placement of ANKYLOS C/X A- and B-implants

Order no.

3103 6521

ANKYLOS Surgical Kit

■ ■ manual AB



All instruments required for placement of ANKYLOS C/X A- and B-implants

3103 6511

ANKYLOS Surgical Kit

■ ■ ■ manual ABC

Reduced scale



All instruments required for placement of ANKYLOS C/X A-, B- and C-implants

Order no.

3103 6501

ANKYLOS Surgical Kit ExpertEase (Guided Surgery)

■ ■ motor AB



Additional instruments required for template-guided placement of ANKYLOS C/X A- and B-implants, lengths L 8 – L 14

3103 6530

ANKYLOS Drill Module

(empty)

■ motor A

■ motor B

Order no.	3103 6573	3103 6574
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■ manual A

■ manual B

■ manual C

■ manual D

Order no.	3103 6561	3103 6562	3103 6563	3103 6564
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GS 2.0
(Guided Surgery)

■ GS A
(Guided Surgery)

■ GS B
(Guided Surgery)

Order no.	3103 6583	3103 6584	3103 6585
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ANKYLOS Tool Module

(empty)

ANKYLOS Tool Module GS (empty)

(Guided Surgery)

Order no.	3103 6560	3103 6582
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ANKYLOS Surgical Kit Tray

(empty)

■ ■ motor AB

■ ■ ■ manual ABC

■ ■ ExpertEase


Order no.	3103 6542	3103 6540	3103 6531
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Surgical kits

ANKYLOS Surgical Kit	manual ABC	manual AB	motor AB
Tool Module	•	•	•
Drill Module A & B	•	•	•
Drill Module C & D	•		
Drill Module individual (empty)	•	•	•
Module Tray Insert		•	•

The number of holes in the modules depends on the kit.


 **ANKYLOS Twist Drill**
2 mm with internal irrigation
Order no. 3103 3022

 **ANKYLOS Round Drill**
3 mm with internal irrigation
Order no. 3103 3010

ANKYLOS Handle for Ratchet Insert
Order no. 3103 3040




 **3 ANKYLOS Parallel Gauges for Twist Drill**
Order no. 3103 3026




ANKYLOS Handle for Screwdriver
7 mm Order no. 3103 3410
12 mm Order no. 3103 3415

 **ANKYLOS Extension Instrument HXSS***
Order no. 3103 7408
and 2 spare slots

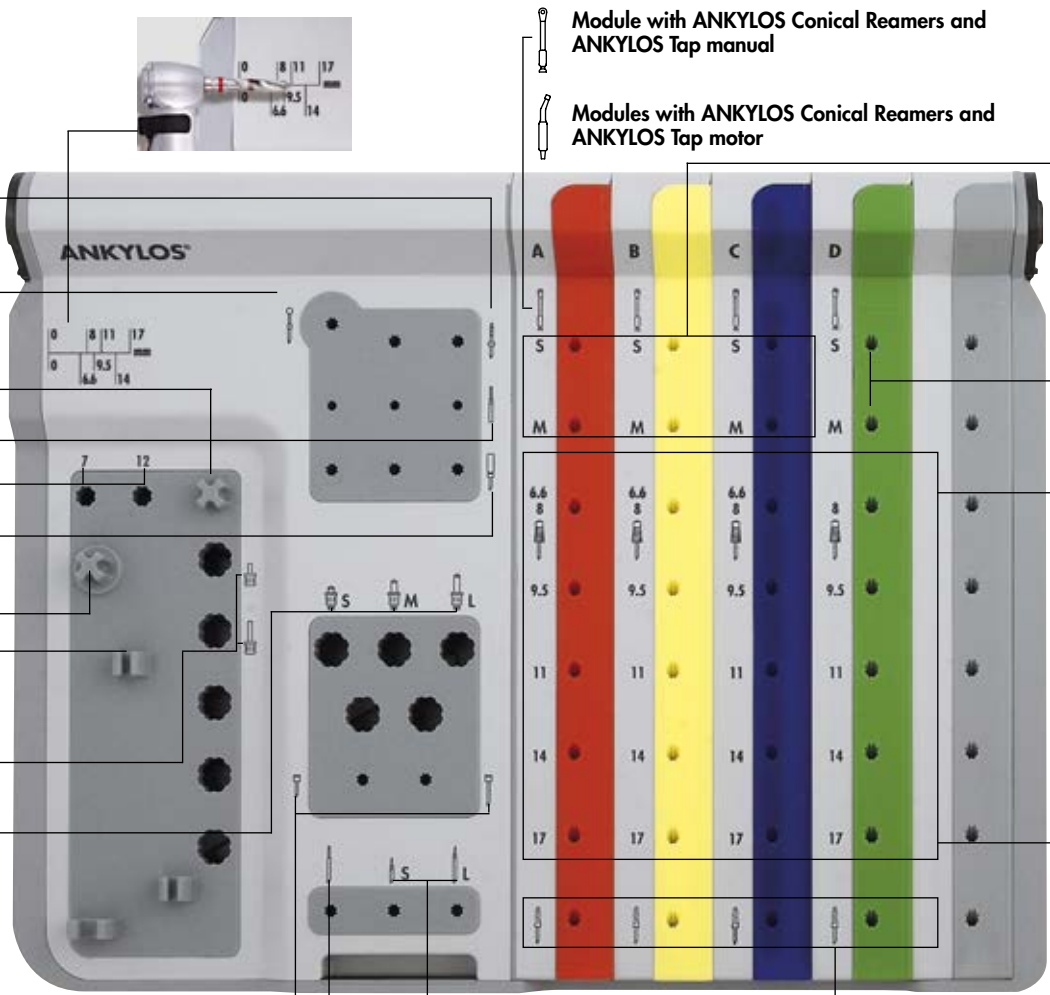
ANKYLOS Ratchet
Order no. 3103 3030

ANKYLOS Open-end wrench C/X
Order no. 3103 7502

 **ANKYLOS Ratchet Insert for Instruments**
short Order no. 3103 3070
 medium Order no. 3103 3080
 long Order no. 3103 3090
and 2 spare slots

 **ANKYLOS Ratchet Insert Instrument for C/X Implants**
short Order no. 3103 7531
 medium Order no. 3103 7532
 long Order no. 3103 7533
and 2 spare slots

ANKYLOS Ratchet Insert for M-Instruments *
medium HXSS
Order no. 3103 7511 *
long HXSS
Order no. 3103 7512 *
(and 3 spare slots*)



Module with ANKYLOS Conical Reamers and ANKYLOS Tap manual

Modules with ANKYLOS Conical Reamers and ANKYLOS Tap motor

ANKYLOS Tri-Spade Drill
 A / S Order no. 3103 7325
 B / S Order no. 3103 7345
 C / S Order no. 3103 7365 **
 A / M Order no. 3103 7330
 B / M Order no. 3103 7350
 C / M Order no. 3103 7370 **

ANKYLOS Parallel Drill for D-Implants ***
 S Order no. 3103 3182 ***
 M Order no. 3103 3183 ***

ANKYLOS Conical Reamer manual
 A 8 Order no. 3103 3185
 A 9.5 Order no. 3103 3188
 A 11 Order no. 3103 3190
 A 14 Order no. 3103 3200
 A 17 Order no. 3103 3202 ***
 B 8 Order no. 3103 3205
 B 9.5 Order no. 3103 3208
 B 11 Order no. 3103 3210
 B 14 Order no. 3103 3220
 B 17 Order no. 3103 3230 ***
 C 8 Order no. 3103 3233 **
 C 9.5 Order no. 3103 3235 **
 C 11 Order no. 3103 3238 **
 C 14 Order no. 3103 3240 **
 C 17 Order no. 3103 3250 ***
 D 8 Order no. 3103 3252 ***
 D 9.5 Order no. 3103 3254 ***
 D 11 Order no. 3103 3256 ***
 D 14 Order no. 3103 3258 ***

ANKYLOS Seating Instrument C/X for Implants (M, HXSS) / short *
 Order no. 3103 7541

ANKYLOS Screwdriver Insert, 1 mm, hex
 Order no. 3103 3455

ANKYLOS Unscrew Instrument for Cover Screws
 S Order no. 3103 3434

ANKYLOS Tap manual
 A Order no. 3103 3260
 B Order no. 3103 3270
 C Order no. 3103 3280 **
 D Order no. 3103 3285 ***

ANKYLOS Conical Reamer motor *
 A 8 Order no. 3103 7185 *
 A 9.5 Order no. 3103 7188 *
 A 11 Order no. 3103 7190 *
 A 14 Order no. 3103 7200 *
 A 17 Order no. 3103 7202 ***
 B 8 Order no. 3103 7205 *
 B 9.5 Order no. 3103 7208 *
 B 11 Order no. 3103 7210 *
 B 14 Order no. 3103 7220 *
 B 17 Order no. 3103 7230 ***

ANKYLOS Seating Instrument for C/X Implants (M, HXSS) / long *
 Order no. 3103 7543

L Order no. 3103 3435

ANKYLOS Tap motor HXSS *
 A Order no. 3103 7440 *
 B Order no. 3103 7450 *

ANKYLOS Cleaning Instrument for drill (not shown)
 Order no. 3103 7320

All Instruments without asterisks are part of the ANKYLOS Chirurgie Kit manual, AB
 * Only ANKYLOS Surgical Kit motor, AB Instruments
 ** Only ANKYLOS Surgical Kit ABC
 *** slot for optional instruments

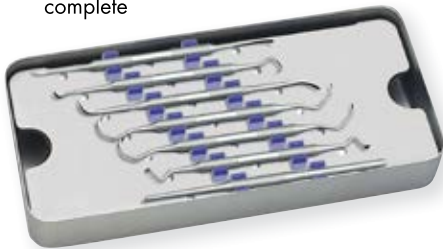
Additional surgical instruments

SINUS FLOOR ELEVATION

ANKYLOS Sinus Lift Instruments

- Instrument set for open sinus floor elevation
- Only for use with appropriate surgical training

ANKYLOS Surgery Tray Sinus Lift Instruments complete



Order no. 3103 6350

ANKYLOS Sinus Lift Elevators⁶

Elevator 01

Elevator 02

Elevator 03

Membrane-Elevator
small

Reduced scale



Order no. 3103 4510 3103 4520 3103 4530 3103 4540

Membrane-Elevator
large

Membrane-Elevator
small,
double curved

Dental Chisel

Surgical Hammer
for Sinus Lift

Reduced scale



Order no. 3103 4550 3103 4560 3103 4570 3103 4580

OSTEOTOMY

ANKYLOS BoneExpander⁶

Size 01

Size 02

Size 03

Size 04

Reduced scale



ANKYLOS BoneExpander

- For extension of the alveolar ridge by separating the labial and palatal bone lamellae
- D-shaped cross-section of working tips

ANKYLOS Surgery Tray BoneExpander complete



Order no.

3103 4310

3103 4320

3103 4330

3103 4340

Order no.

3103 6300

ANKYLOS BoneCondenser⁶

Position
Marker

Pilot
BoneCondenser

BoneCondenser
A-implants

BoneCondenser
B-implants

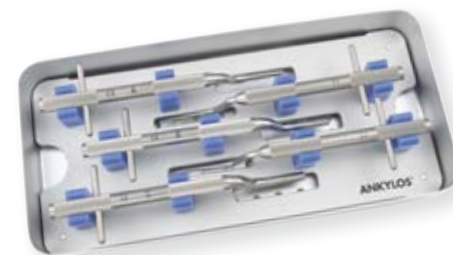
BoneCondenser
C-implants

Reduced scale



ANKYLOS BoneCondenser

- For preparation of the implant site in very soft bone
- Also used for internal sinus lift
- Round cross-section of working tips



ANKYLOS Surgery Tray BoneCondenser, complete

Order no.

3103 6320

ANKYLOS Surgery Tray BoneCondenser, bayonet, complete

Order no.

3103 6325

Order no. straight

3103 4350

3103 4360

3103 4370

3103 4380

3103 4390

Order no. bayonet

3103 4352

3103 4362

3103 4372

3103 4382

3103 4392

Additional surgical instruments

UNCOVERY INSTRUMENTS

ANKYLOS Uncovery Surgery Tray



Order no. 3103 6100

Single Instruments*

**Uncovery Instrument 1
Raspatory**



**Uncovery Instrument 2
Probe**



**Uncovery Instrument 3
Curette, small**



**Uncovery Instrument 4
Curette, large**



Reduced scale

Order no. 3103 4110

3103 4120

3103 4130

3103 4140

ACCESSORIES

ANKYLOS Unscrew Instrument for Cover Screws⁶

Scale 1:1



short



long

ANKYLOS Handle for Screwdriver⁶



Standard
Ø 7 mm



Standard
Ø 12 mm

ANKYLOS Unscrew Instrument for Cover Screws

- insert for the handle for screwdrivers
- Self-cutting, anti-clockwise rotation for safe removal of cover screws from the implant

Order no.

3103 3434

3103 3435

3103 3410

3103 3415

ATP Punch⁶

Scale 1:1



Sleeve for ATP Punch⁶



Order no.

3103 4090

3103 4091

ATP Punch

- For trepanation of the soft tissue with rotating punch sleeve and simultaneous marking of the alveolar ridge

Surgical unit

FRIOS Unit S/i

- Easy user concept, specially designed for implant surgery
- Powerful surgical motor with utmost running smoothness
- User-oriented program sequence with tapping function directly controlled by pushbutton

FRIOS Unit S/i

Included: FRIOS Unit S/i with surgical motor (cable length 1.8 m), stand for motor, stand for irrigation bag, foot control, mains cable, locking pin for motor, set of hose rings (5 pieces), coolant hose



Reduced scale

	V 220 – 240 AC	V 100 – 130 AC
Order no.	90 – 6600	90 – 6605

FRIOS Contra-angle Handpieces

- Patented hexagon clamping system for smooth treatment sequence and less wear of instruments
- Demountable version with 90°-rotatable head for areas that are difficult to access which meets most demanding hygiene requirements
- LED version with neutral white-light with high luminosity and a wider field of illumination than conventional halogen lamps

FRIOS Contra-angle Handpiece



Reduced scale

	WS-75 20:1 demountable	WI-75 20:1	WI-75 LED G
Order no.	90 – 6720	90 – 6710	90 – 6810

Note for FRIOS Unit S users:
Problems of compatibility may occur when using these contra-angle handpieces with the FRIOS Unit S.
Please contact your distributor prior to ordering or initial operation.

FRIOS Handpiece



Reduced scale

	straight 1:1	angled 1:1	straight SI-11 LED G
Order no.	90 – 5030	90 – 5050	90 – 6850

ACCESSORIES

FRIOS Unit S/i Surgical Motor (cable length 1.8 m)

Suitable for FRIOS Unit S/i

Order no.	90 – 6620
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FRIOS Unit S/i Foot Control

Suitable for FRIOS Unit S/i

Order no.	90 – 6630
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For availability of further spare parts and accessories for FRIOS Unit S/i, FRIOS Unit S and FRIOS Unit E please contact your DENTSPLY Implants distributor.

Internal Irrigation Tube for FRIOS Contra-angle Handpiece 20:1

Suitable for FRIOS Unit S/i and FRIOS Unit S

Order no.	90 – 5047
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Internal Irrigation Tube, long (for Drill Extension)

Suitable for FRIOS Unit S/i and FRIOS Unit S

Order no.	90 – 5043
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FRIOS Unit S, FRIOS Unit E Sterile Cover Foil for Surgical Motor (10 pieces)

Suitable for all FRIOS Surgical Units

Order no.	90 – 6442
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FRIOS Unit S Set Hose Rings (5 pieces)

Suitable for all FRIOS Surgical Units

Order no.	90 – 6443
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FRIOS Unit S Surgical Motor (cable length 1.8 m)

Suitable for FRIOS Unit S

Order no.	90 – 6410
-----------	-----------

FRIOS Unit S Foot Control ON/OFF

Suitable for FRIOS Unit S

Order no.	90 – 6420
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COOLANT HOSES

FRIOS Unit S/i Coolant Hose (motor cable 2.2 m/5 pieces)



Reduced scal

Order no.	90 – 6446
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FRIOS ISU Coolant Hose universal (5 pieces), also suitable for ASU



Order no.	90 – 5005
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FRIOS Unit S Coolant Hose (motor cable 1.8 m/ 5 pieces)



Order no.	90 – 6440
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FRIOS Unit S Coolant Hose (motor cable 3.5 m/3 pieces)

Reduced scale

Order no.	90 – 6441
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FRIOS Unit E Coolant Hose (motor cable 1.8 m/5 pieces), with Luer-Lock connection for three-way stopcock



Order no.	90 – 6542
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Prosthetic instruments

**ANKYLOS
Prosthetic Tray mini**

ANKYLOS Prosthetic Tray

Reduced
scale



Order no.	3103 6165	3103 6120
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**ANKYLOS Prosthetic Tray
Balance Abutment System**

**ANKYLOS Prosthetic Tray
Standard Abutment System**

Order no.	3103 6140	3103 6150
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Contents Prosthetic Tray:	3103 6165 (mini)	3103 6120	3103 6140 (Balance)	3103 6150 (Standard)
Handle for Screwdriver, Standard Ø 7 mm		■	■	■
Unscrew Instrument for Cover Screw, short		■	■	■
Unscrew Instrument for Cover Screw, long		■	■	■
Screwdriver Insert, 1.6 mm blade		■		■
Screwdriver Insert, 1.0 mm hex		■	■	■
Screwdriver Insert, 1.0 mm blade		■		■
Positioning Key for Preangled Abutments		■		■
Insert for Prosthetic Ratchet Screwdriver, 1.0 mm hex, 15 Ncm	■	■	■	■
Insert for Prosthetic Ratchet Screwdriver, 1.8 mm hex, 25 Ncm		■	■	
Insert for Prosthetic Ratchet Screwdriver, 1.0 mm hex, short , 10 Ncm		■	■	■
Insert for Prosthetic Ratchet for a-Abutments, straight (Standard), 25 Ncm		■		■
Insert for Prosthetic Ratchet for b-Abutments, straight (Standard), 25 Ncm		■		■
Prosthetic Ratchet	■	■	■	■
Mounting Device	■	■	■	■

Prosthetic instruments

ANKYLOS Laboratory Trial Abutment Tray Balance Posterior
(with 60 trial abutments)

ANKYLOS Trial Abutment Tray Standard Abutments
(with 64 trial abutments)

Reduced scale



Order no.	3104 5710	3104 5500
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ANKYLOS Trial Abutment⁵³
single abutments
in a set of 4

	Trial Abutment a / 1.5 / 4.0 red	Trial Abutment a / 1.5 / 6.0 yellow	Trial Abutment a / 3.0 / 4.0 red	Trial Abutment a / 3.0 / 6.0 yellow
Order no. straight	3104 5550	3104 5560	3104 5570	3104 5580
Order no. 15°	3104 5630	3104 5640	3104 5650	3104 5660
	Trial Abutment b / 1.5 / 4.0 blue	Trial Abutment b / 1.5 / 6.0 green	Trial Abutment b / 3.0 / 4.0 blue	Trial Abutment b / 3.0 / 6.0 green
Order no. straight	3104 5590	3104 5600	3104 5610	3104 5620
Order no. 15°	3104 5670	3104 5680	3104 5690	3104 5700

ANKYLOS Hexagon Screwdriver,⁶ 1 mm

Scale 1:1



ANKYLOS Handle for Screwdriver⁶



Standard
Ø 7 mm



Standard
Ø 12 mm

Order no.	3103 3400	3103 3410	3103 3415
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ANKYLOS Unscrew Instrument for Cover Screws⁶

Scale 1:1



short



long

ANKYLOS Screwdriver Insert 1.6 mm blade⁶



for slot screws

ANKYLOS Unscrew instrument for cover screws

- Can be inserted into the handle for screwdrivers
- Self-cutting, screw-in instrument for safe removal of cover screws

Order no.	3103 3434	3103 3435	3103 3450
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ANKYLOS Screwdriver Insert 1.0 mm hexagon⁶

Scale 1:1



for hexagon socket screws

ANKYLOS Screwdriver Insert 1.0 mm hexagon⁶



short

ANKYLOS Screwdriver Insert, 1.0 mm blade⁶



for the headless screws with cemented superstructures

Order no.	3103 3455	3103 3456	3103 3460
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ANKYLOS Activator for Snap Attachment^{6, 20}

Reduced scale



ANKYLOS Deactivator for Snap Attachment^{6, 20}



ANKYLOS Insertion Key for Standard Abutment⁶



a-Standard Abutments, short



b-Standard Abutments, short



Positioning Key⁶

preangled Standard Abutments

Order no.	3103 3501	3103 3502	3103 3471	3103 3481	3103 3485
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Prosthetic instruments

ANKYLOS Mounting Device for Prosthetic Ratchet Inserts⁶

Scale 1:1



ANKYLOS Prosthetic Ratchet⁶



Order no.	3103 3632	3103 3630
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ANKYLOS Insert for Prosthetic Ratchet⁶

Scale 1:1



1.0 mm hex 1.0 mm hex long 1.0 mm hex short 1.8 mm hex for LOCATOR for Snap Attachment for a-Abutments for b-Abutments for a-Abutments long for b-Abutments long

Order no.	3103 3625	3103 3628	3103 3626	3103 3627	3103 3635	3103 3623	3103 3621	3103 3622	3103 3633	3103 3634
Torque Ncm	15	15	10	25	30	25	25	25	25	25

ANKYLOS Laboratory Screwdriver^{6/20} torque 10 Ncm

Reduced scale



ANKYLOS Finisher⁶



for Balance Base Abutment narrow



for Taper Occlusal Retention Screw



for Taper Lateral Retention Screw

ANKYLOS Handle for Abutment Analogs and Abutments^{6/54}



Order no.	3103 3640	3103 3571	3103 3580	3103 3590	3103 3602
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Models and materials

DEMONSTRATION MODELS



Demo models

Order no.	Article
3109 9201	ANKYLOS C/X Acrylic Model Maxilla Crown and Bridge (3 implants without prosthetics)
3109 9240	ANKYLOS Acrylic Model Mandible, Edentulous (4 implants without prosthetics)
3109 9262	ANKYLOS SynCone Alignment Model (without prosthetics)
3109 9261	ANKYLOS SynCone Acrylic Model with Prosthetics

Models and materials

MATERIAL SPECIFICATIONS

Metals

Type	Index	Composition
Titan	2	Ti grade 2, DIN EN ISO 5832-2
Titanium	3	Ti grade 4, DIN EN ISO 5832-2
Titanium	4	Ti6Al4V
Titanium	40	Ti6Al4V grade 5
Aluminium	5	AlMg ₃
Stainless steel	6	Surgical Steel
Stainless steel	49	316L SS SS/303 SE
Stainless steel	51	316L SS
Permador® PDF*	11	Au: 60%, Pt: 39%, Ir: 1%
Degunorm®**	12	Au: 73,8%, Pt: 9,0%, Ag: 9,2%, Cu: 4,4%, Zn: 2,0%, Ir: 0,1%, In: 1,5%
Degulor® 3406	13	Au: 65,0%, Ag: 13,0%, Cu: 11,5%, Pt: 8,9%, Pd: 1,0%, Zn: 0,5%, Ir: 0,1%
Permador®	14	Au: 60,0%, Pt: 24,9%, Pd: 15%, Ir: 0,1%
Polyethylene/Aluminium	42	LDPE/6061 T6 Al
Polyamide/Polyethylene/Stainless steel/Plastics	43	Nylon/LDPE/Ti6Al4V/Silicone Rubber
Polyamide/Polyethylene/Stainless steel/Plastics	44	Nylon/LDPE/303 SE SS/Silicone Rubber
Aluminium	45	6061 T6 Aluminum
Brass/Polyoxymethylene	48	MS-002, DELRIN, 1/4"
Brass/Polysulfone	50	MS-013-1 POLYSULFONE (3/8")

* TEC 12.1; ** TEC 16.7

Plastics

Type	Index	Composition
Polyoxymethylene (POM)	20	
Polyetheretherketone (PEEK)	24	
Silicone	26	
Silicone	47	Silicone Rubber
Polycarbonate	27	
Polyamide	41	Zytel 1011 Nylon
Polyethylene/Aluminium	42	LDPE/6061 T6 Al
Polyamide/Polyethylene/Stainless steel/Plastics	43	Nylon/LDPE/Ti6Al4V/Silicone Rubber
Polyamide/Polyethylene/Stainless steel/Plastics	44	Nylon/LDPE/303 SE SS/Silicone Rubber
Polyethylene	46	LDPE
Brass/Polyoxymethylene	48	MS-002, DELRIN, 1/4"
Brass/Polysulfone	50	MS-013-1 POLYSULFONE (3/8")
Polytetrafluorethylene	52	
Polysulfone	53	
Polyvinylchloride	54	

Ceramics

Type	Index	Composition
Zirconium oxide	32	ZrO ₂

Product index

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3101 0110	C/X Membrane Screw Ø 3.5 mm	04	3102 1080	Standard C/ Abutment a / 3.0 / 6.0 straight	29
3101 0120	C/X Membrane Screw Ø 6.0 mm	04	3102 1090	Standard C/ Abutment b / 1.5 / 4.0 straight	29
3101 0130	C/X Membrane Screw Ø 6.0 mm, sinus lift 1 mm	04	3102 1100	Standard C/ Abutment b / 1.5 / 6.0 straight	29
3101 0140	C/X Membrane Screw Ø 6.0 mm, sinus lift 2 mm	04	3102 1110	Standard C/ Abutment b / 3.0 / 4.0 straight	29
3101 0403	C/X Implant A 6.6 Ø 3.5 / L 6.6	05	3102 1120	Standard C/ Abutment b / 3.0 / 6.0 straight	29
3101 0405	C/X Implant A 8 Ø 3.5 / L 8	05	3102 1130	Standard C/ Abutment a / 1.5 / 4.0 15°	29
3101 0408	C/X Implant A 9.5 Ø 3.5 / L 9.5	05	3102 1140	Standard C/ Abutment a / 1.5 / 6.0 15°	29
3101 0410	C/X Implant A 11 Ø 3.5 / L 11	05	3102 1150	Standard C/ Abutment a / 3.0 / 4.0 15°	29
3101 0420	C/X Implant A 14 Ø 3.5 / L 14	05	3102 1160	Standard C/ Abutment a / 3.0 / 6.0 15°	29
3101 0422	C/X Implant A 17 Ø 3.5 / L 17	05	3102 1170	Standard C/ Abutment b / 1.5 / 4.0 15°	29
3101 0423	C/X Implant B 6.6 Ø 4.5 / L 6.6	05	3102 1180	Standard C/ Abutment b / 1.5 / 6.0 15°	29
3101 0425	C/X Implant B 8 Ø 4.5 / L 8	05	3102 1190	Standard C/ Abutment b / 3.0 / 4.0 15°	29
3101 0428	C/X Implant B 9.5 Ø 4.5 / L 9.5	05	3102 1200	Standard C/ Abutment b / 3.0 / 6.0 15°	29
3101 0430	C/X Implant B 11 Ø 4.5 / L 11	05	3102 1300	Abutment with Snap Attachment C/ a / 1.5 complete	26
3101 0440	C/X Implant B 14 Ø 4.5 / L 14	05	3102 1301	Abutment with Snap Attachment C/ a / 1.5	26
3101 0450	C/X Implant B 17 Ø 4.5 / L 17	05	3102 1310	Abutment with Snap Attachment C/ a / 3.0 complete	26
3101 0452	C/X Implant C 6.6 Ø 5.5 / L 6.6	05	3102 1311	Abutment with Snap Attachment C/ a / 3.0	26
3101 0453	C/X Implant C 8 Ø 5.5 / L 8	05	3102 1312	Snap for Abutment with snap attachment	26
3101 0455	C/X Implant C 9.5 Ø 5.5 / L 9.5	05	3102 1313	Silicone Ring for Snap Attachment	26
3101 0458	C/X Implant C 11 Ø 5.5 / L 11	05	3102 1320	Abutment with Snap Attachment C/ a / 4.5 complete	26
3101 0460	C/X Implant C 14 Ø 5.5 / L 14	05	3102 1321	Abutment with Snap Attachment C/ a / 4.5	26
3101 0470	C/X Implant C 17 Ø 5.5 / L 17	05	3102 1405	Polymerisation Sleeve for SynCone	25
3101 0472	C/X Implant D 8 Ø 7.0 / L 8	05	3102 1431	Central Screw Hex for Permador Abutment	26
3101 0474	C/X Implant D 9.5 Ø 7.0 / L 9.5	05	3102 1445	Balance Posterior C/ 0.0 straight	26
3101 0476	C/X Implant D 11 Ø 7.0 / L 11	05	3102 1451	Sulcus Former 0.0 A	26
3101 0478	C/X Implant D 14 Ø 7.0 / L 14	05	3102 1452	Sulcus Former 0.0 B	26
3101 0480	C/X Cover Screw	04	3102 1454	Sulcus Former 0.0 C	26
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3102 1026	Standard C/ Sulcus Former Compact a / 4.5	28	3102 1510	Balance Anterior C/ Sulcus Former 1.5 small, with screw	20 38
3102 1028	Standard C/ Sulcus Former Compact a / 6.0	28	3102 1515	Balance Anterior C/ Sulcus Former 3.0 small, with screw	20 38
3102 1031	Standard C/ Sulcus Former Compact b / 1.5	28	3102 1520	Balance Anterior C/ Sulcus Former 1.5 large, with screw	20 38
3102 1041	Standard C/ Sulcus Former Compact b / 3.0	28	3102 1525	Balance Anterior C/ Sulcus Former 3.0 large, with screw	20 38
3102 1050	Standard C/ Abutment a / 1.5 / 4.0 straight	29			
3102 1060	Standard C/ Abutment a / 1.5 / 6.0 straight	29			
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3102 1540	Balance Posterior C/ Sulcus Former 4.5	18	3102 2199	Taper cap Degulor without retention for SynCone 5°	25
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3102 1580	Balance Anterior C/ large / 3.0 straight	21	3102 2516	Gingiva Former C/ Ø 4.2 GH 4.5	22 24
3102 1590	Balance Anterior C/ small / 1.5 15°	21	3102 2520	Balance Base Abutment C/ narrow GH 0.75	23
3102 1600	Balance Anterior C/ small / 3.0 15°	21	3102 2530	Balance Base Abutment C/ narrow GH 1.5	23
3102 1610	Balance Anterior C/ large / 1.5 15°	21	3102 2540	Balance Base Abutment C/ narrow GH 3.0	23
3102 1620	Balance Anterior C/ large / 3.0 15°	21	3102 2542	Balance Base Abutment C/ GH 3 / A 15	23
3102 1625	Balance Posterior C/ 0.75 straight	19	3102 2546	Balance Base Abutment C/ GH 3 / A 30	23
3102 1630	Balance Posterior C/ 1.5 straight	19	3102 2550	Balance Base Abutment C/ narrow GH 4.5	23
3102 1640	Balance Posterior C/ 3.0 straight	19	3102 2552	Balance Base Abutment C/ GH 4.5 / A 15	23
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