



Ankylos®

# Product Catalog

## General prosthetic advice for Ankylos®

In order to obtain utmost benefit from the unique restorative features of the Ankylos implant system, please observe the following guidelines:

- Avoid occlusal overload, aim for initial infra-occlusion to ensure clearance of contacts in function.
- If possible, use B-implants or larger for single molar restorations.
- Use gingiva height 0.75 and 1.5 only if really necessary, and in correspondence with thin gingiva.
- Minimize the functional occlusal surface in buccal-lingual dimension to avoid lateral levers.
- Take adequate precautions to avoid occlusal overload in correspondence to any prosthetic cantilevers.
- Bear in mind the resilience of neighboring teeth when planning for single tooth restorations. Establish full contact on the implant crown only during maximal clenching ensuring an even load distribution on all teeth during maximum chewing force.
- Check for parafunctional habits. Consider changes during recall appointments.
- In case of any changes to the occlusal scheme in other areas, evaluate the consequences for the implant restoration and, if required, take appropriate measures.
- Advice for the dental laboratory: The abutment design must not be manipulated at the areas of the connection taper or adjacent to the sulcus.

Please read this manual carefully before using the system for the first time and always observe the clinical indications, directions and notes in the instructions for use of the system components and instruments.

Furthermore, we recommend that all users attend a training course specific to the system prior to first using a new implant system.

Some products may not be available in all countries.

Please contact your Dentsply Sirona Implants representative to obtain up to date information on the product range and on availability.

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
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
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\* Impression on abutment level as an option  
 \*\* Impression on abutment level only

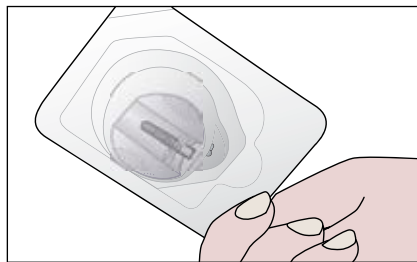
# Implant packaging concept

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.



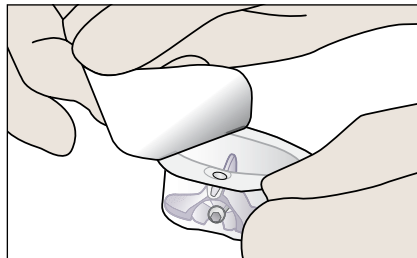
## Outer box package

- 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



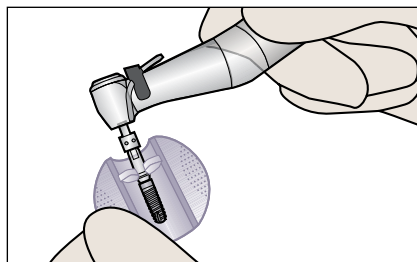
## Transparent outer blister

- 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)

## Ankylos Membrane Screw

Scale 1.5:1



1 mm

2 mm

Ø 3.5 mm

Ø 6.0 mm

Ø 6.0 mm  
sinus lift, 1 mm

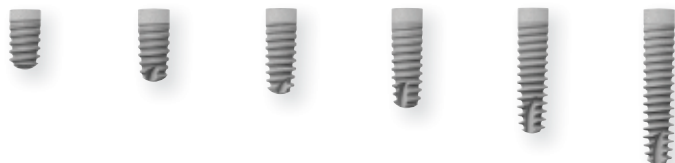
Ø 6.0 mm  
sinus lift, 2 mm

Screw driver Order no.	1.0 mm hex 3101 0480	1.0 mm hex 3101 0481	1.0 mm hex 3101 0482	1.6 mm slot 3101 0110	1.6 mm slot 3101 0120	1.0 mm hex 3101 0130	1.0 mm hex 3101 0140
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# Implant diameters and lengths

## Ankylos C/X Implant<sup>2</sup> (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

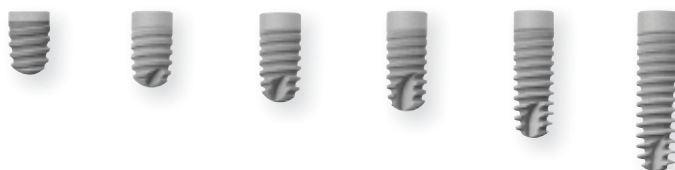
## Ankylos C/X Implant2 (sterile)

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

### Healing mode

- Submerged or transgingival with gingiva-forming component

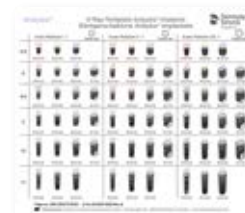
Scale 1.2:1



■ 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

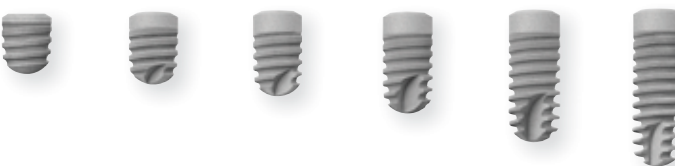
## Ankylos X-ray template for implants



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:

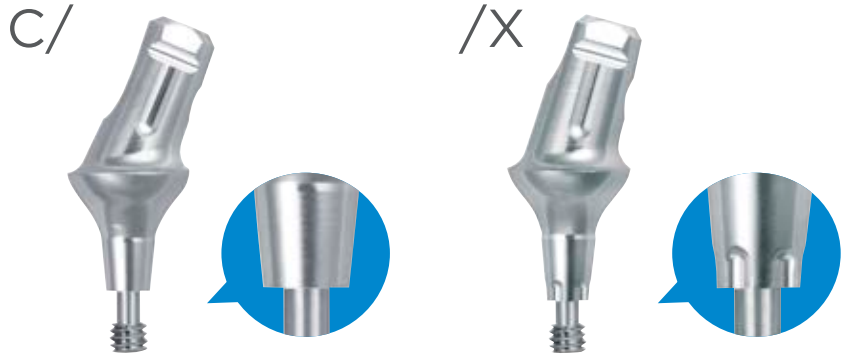
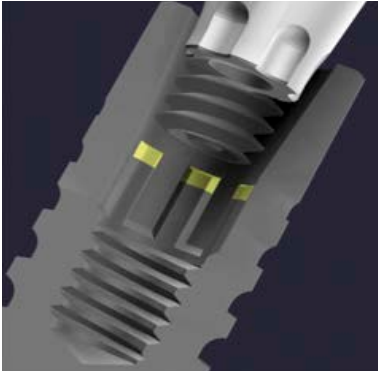
Ankylos Implant Driver C/X

with Screwdriver

# Prosthetic concept C/ and /X – introduction

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

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



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><b>Balance Anterior C/</b></p>	 <p><b>Balance Anterior C/ Sulcus Former</b></p> <p>3102 1510 1.5 small            3102 1515 3.0 small            3102 1520 1.5 large            3102 1525 3.0 large</p>	
<p><b>Cercon Balance C/</b></p>	 <p><b>Balance Anterior C/ Sulcus Former</b></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 <b>Transfer Screw C/, short</b>            3104 5402 <b>Transfer Screw C/, long</b></p> <p>3104 5410 <b>Transfer Post C/, short</b>            3104 5412 <b>Transfer Post C/, long</b></p>
<p><b>Regular C/</b></p>	 <p><b>Regular C/X Gingiva Former</b></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 <b>Repositioning Post C/</b>            3104 5416 <b>Repositioning Post C/, narrow</b></p> <p>3104 5270 <b>Balance C/ Implant Analog A</b></p>










Abutments	Transfer on abutment level, abutment analog	Accessories	Screw retention																																																																
 <p><b>Balance Anterior C/ Abutment</b></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><b>Temporary Abutment</b></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 <b>Fixation Screw Lateral Hexagon M 1.4</b></p>  <p>3105 6304 <b>Horizontal Screw Seat for Fixation Screw M 1.4</b></p>
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 <p><b>Cercon Balance C/ Abutment</b></p> <table border="0"> <tr><td>neutral</td><td>dentine</td><td></td><td></td><td></td><td></td></tr> <tr><td>3102 3010</td><td>3102 3310</td><td>small</td><td>GH 1.5</td><td>A 0</td><td></td></tr> <tr><td>3102 3015</td><td>3102 3315</td><td>small</td><td>GH 3.0</td><td>A 0</td><td></td></tr> <tr><td>3102 3030</td><td>3102 3330</td><td>small</td><td>GH 1.5</td><td>A 15</td><td></td></tr> <tr><td>3102 3035</td><td>3102 3335</td><td>small</td><td>GH 3.0</td><td>A 15</td><td></td></tr> <tr><td>3102 3050</td><td>3102 3350</td><td>large</td><td>GH 1.5</td><td>A 0</td><td></td></tr> <tr><td>3102 3055</td><td>3102 3355</td><td>large</td><td>GH 3.0</td><td>A 0</td><td></td></tr> <tr><td>3102 3070</td><td>3102 3370</td><td>large</td><td>GH 1.5</td><td>A 15</td><td></td></tr> <tr><td>3102 3075</td><td>3102 3375</td><td>large</td><td>GH 3.0</td><td>A 15</td><td></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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 <p><b>Regular C/ Abutment</b></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 <b>Regular C/X 3-in-1 Cap A 0</b></p> <p>3104 7110 <b>Regular C/X Abutment Analog A 0</b></p> <p>3104 7121 <b>Regular C/X 3-in-1 Cap A 7.5</b></p> <p>3104 7111 <b>Regular C/X Abutment Analog A 7.5</b></p> <p>3104 7122 <b>Regular C/X 3-in-1 Cap A 15</b></p> <p>3104 7112 <b>Regular C/X Abutment Analog A 15</b></p> <p>3104 7123 <b>Regular C/X 3-in-1 Cap A 22.5</b></p> <p>3104 7113 <b>Regular C/X Abutment Analog A 22.5</b></p>		 <p>3105 6301 <b>Fixation Screw Lateral Hexagon M 1.4</b></p>  <p>3105 6304 <b>Horizontal Screw Seat for Fixation Screw M 1.4</b></p>							
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3102 4155	GH 0.75	A 37.5																																																																	
















# Prosthetic concepts C/ (without index) – overview

Crown & bridgework	Gingiva formers/sulcus formers	Transfer on implant level																						
<p><b>Balance Posterior C/</b></p>	 <p><b>Balance Posterior C/ Sulcus Former</b></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"><b>Transfer Screw C/</b>, short</td> </tr> <tr> <td>3104 5402</td> <td><b>Transfer Screw C/</b>, long</td> </tr> <tr> <td>3104 5410</td> <td rowspan="2"><b>Transfer Post C/</b>, short</td> </tr> <tr> <td>3104 5412</td> <td><b>Transfer Post C/</b>, long</td> </tr> <tr> <td>3104 5415</td> <td rowspan="2"><b>Repositioning Post C/</b></td> </tr> <tr> <td>3104 5416</td> <td><b>Repositioning Post C/</b>, narrow</td> </tr> <tr> <td>3104 5270</td> <td><b>Balance C/ Implant Analog A</b></td> </tr> </table>	3104 5400	<b>Transfer Screw C/</b> , short	3104 5402	<b>Transfer Screw C/</b> , long	3104 5410	<b>Transfer Post C/</b> , short	3104 5412	<b>Transfer Post C/</b> , long	3104 5415	<b>Repositioning Post C/</b>	3104 5416	<b>Repositioning Post C/</b> , narrow	3104 5270	<b>Balance C/ Implant Analog A</b>
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<p><b>TitaniumBase C/</b></p>	<p>Individual gingiva forming</p>																							
<p><b>Standard C/</b></p>	 <p><b>Standard C/ Sulcus Former</b></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											
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Abutments	Transfer on abutment level, abutment analog	Accessories	Screw retention																																																																																																																		
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3102 1050	a / 1.5 / 4.0	A 0																																																																																																																			
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# Prosthetic concepts C/ (without index) – overview

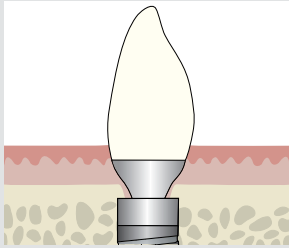
Coverdenture C/	Gingiva formers	Transfer on implant level	Abutments
<b>Balance Base C/</b> (SmartFix concept)	 <p><b>Gingiva Former C/ D 4.2</b></p> <p>3102 2510 GH 0.75                      3102 2512 GH 1.5                      3102 2514 GH 3.0                      3102 2516 GH 4.5</p>		 <p><b>Balance Base Abutment C/</b></p> <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</p>
<b>Snap Attachment C/</b>	 <p><b>Sulcus Former C/ Standard</b></p> <p>3102 1011 a / 1.5                      3102 1021 a / 3.0                      3102 1026 a / 4.5</p>	 <p>3104 5400 <b>Transfer Screw C/ short</b>                      3104 5402 <b>Transfer Screw C/ long</b></p> <p>3104 5410 <b>Transfer Post C/ short</b>                      3104 5412 <b>Transfer Post C/ long</b></p> <p>3104 5415 <b>Repositioning Post C/</b>                      3104 5416 <b>Repositioning Post C/ narrow</b></p> <p>3104 5270 <b>Balance C/ Implant Analog A</b></p>	 <p><b>Snap Attachment C/</b></p> <p>3102 1300 GH 1.5                      3102 1310 GH 3.0                      3102 1320 GH 4.5</p>
<b>Locator C/</b>			 <p><b>Locator C/ Abutment</b></p> <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</p>
<b>SynCone C/</b>	 <p><b>Gingiva Former C/ D 4.2</b></p> <p>Products on page 28</p>		 <p><b>SynCone C/ Abutment</b></p> <p>Products on page 29</p>
<b>Acuris C/</b>			 <p><b>Conometric Abutments C/</b></p> <p>Products on page 23</p>

Transfer on abutment level, abutment analog	Secondary part	Accessories	Screw retention
 <p>3105 6216 <b>Retention coping</b>            3105 6025 <b>Fixation screw extra long</b>            3104 5332 <b>Analog</b></p>	 <p>3105 6212 <b>Gold Coping</b>            3105 6216 <b>Retention Coping</b>            3105 6217 <b>Retention Coping long</b>            3105 6218 <b>Titanium Coping</b></p>	 <p>3104 5322 <b>Wax-up Coping</b>            3105 6025 <b>Fixation Screw extra long</b>            3105 6026 <b>Fixation Screw 19 mm</b>            3102 2590 <b>Protective Cap for Balance Base Abutment narrow</b></p>	 <p>3105 6022 <b>Fixation screw occlusal M 1.6</b>             3105 6024 <b>Fixation screw occlusal M 1.6 long</b></p>
 <p>3104 5220* <b>Laboratory Analog</b></p>	 <p>3102 1312** <b>Matrix for Snap Attachment</b></p>		
 <p>45 - 3355 <b>Impression Coping (4 pcs)</b>            45 - 3356 <b>Female Analog (4 pcs) D4</b></p>	 <p>3245 3347 <b>Male Processing Package (Titanium)</b>            3245 3348 <b>Male Processing Package (Stainless Steel)</b></p>	 <p><b>Replacement Male (4 pcs)</b>            45 - 3349 clear 45 - 3352 green            45 - 3350 pink 45 - 3353 orange            45 - 3351 blue 45 - 3354 red            45 - 3360 gray            45 - 3358 <b>Processing Replacement Male (4 pcs)</b>            45 - 3359 <b>Block-Out Spacer (20 pcs)</b>            45 - 3361 <b>Processing Spacer (4 pcs)</b></p>	
 <p>3102 2198 <b>Taper Cap 5° with retention</b></p>	 <p>3102 2198 <b>Taper cap 5° with retention</b>            3102 2199 <b>Taper cap 5° without retention</b></p>	 <p>3105 6280 <b>Cover Screw for Abutment straight 5°</b>            3102 1405 <b>Polymerization Sleeve</b></p>	
 <p><b>Conometric Impression Cap &amp; Conometric Analog</b>             Products on page 25</p>	 <p><b>Conometric Final Cap</b>             Products on page 25</p>	 <p><b>Conometric Lab Cap</b>             Products on page 25</p>	

\*direct impression of snap sphere

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

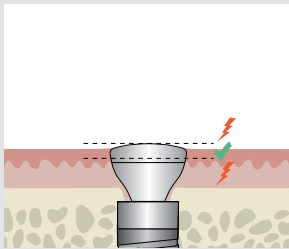
# Soft tissue management and abutment assembly



## 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:

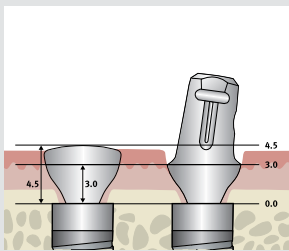
- Due to the taper connection, the diameter of the Ankylos abutments on the implant level is markedly smaller than the diameter of the implant itself.
- Soft tissues are also located under the flanks of the abutment.



## 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.

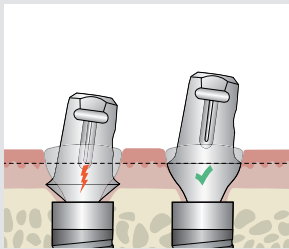
- If the level is above the upper dotted line, a higher gingiva former should be selected; if it is below the lower dotted line, a lower one should be selected.



## 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 inter-

- face 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.

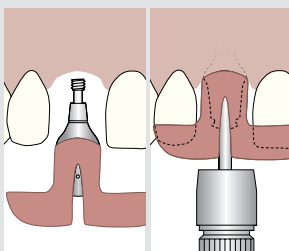


If the soft tissue passage formed is smaller than the profile of the abutment used, this may result in an avoidable compression of the gingiva. This effect occurs when:

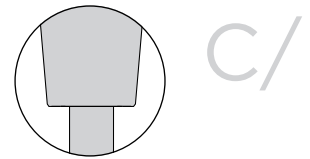
1. The gingiva former is markedly higher than the gingival level and the abutment used later on.

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<sup>6</sup>

### Ankylos Balance C/ Transfer Screw<sup>6</sup>

### 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<sup>6</sup>

### Ankylos Balance C/ Repositioning Post narrow<sup>6</sup>

### 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

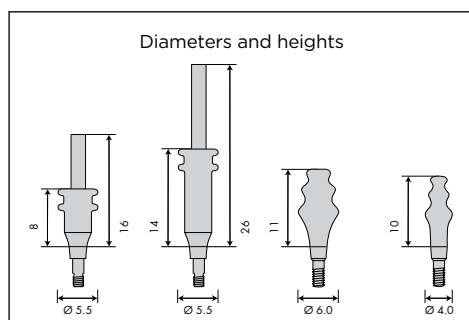
### Ankylos Balance C/ Implant Analog<sup>6</sup> A

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 Former<sup>4</sup>

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
-----------	-----------	-----------	-----------	-----------

### 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 Cap<sup>20</sup>

Scale 1.2:1



A 0



A 7.5



A 15



A 22.5

Order no.	3104 7120	3104 7121	3104 7122	3104 7123
-----------	-----------	-----------	-----------	-----------

## 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 Analog<sup>6</sup>

Scale 1.2:1



A 0



A 7.5

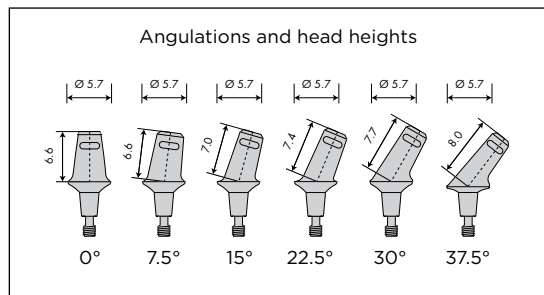
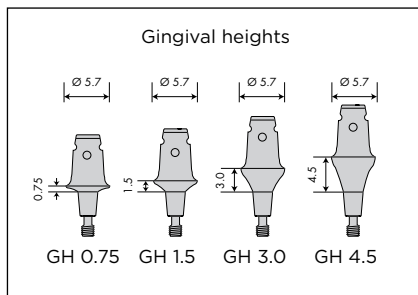


A 15



A 22.5

Order no.	3104 7110	3104 7111	3104 7112	3104 7113
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**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

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 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**

**Ankylos  
Fixation Screw  
Lateral Hexagon  
M 1.4<sup>4</sup>**



3105 6301

**Ankylos  
Horizontal Screw  
Seat for Fixation  
Screw M 1.4<sup>4</sup>**



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

# 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 Former<sup>4</sup>

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
-----------	-----------	-----------	-----------	-----------

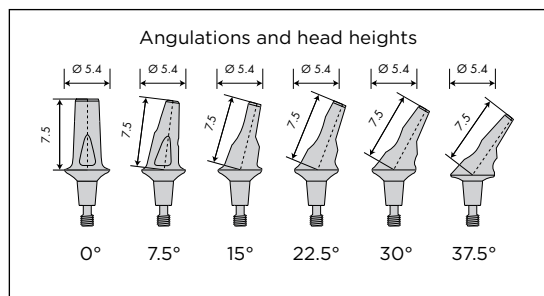
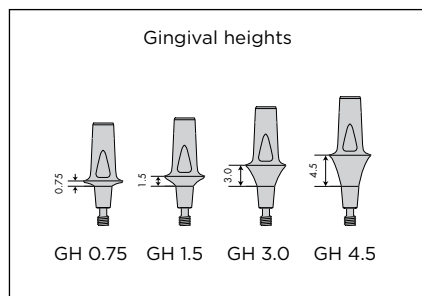
## INSTRUMENTS

### Placing Sulcus Formers:

Screwdriver 1.0 mm hex

### Transfer on implant level:

Transfer Post Balance C/



### Ankylos Balance Posterior C/ Abutment<sup>4</sup>

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
-----------	-----------	-----------	-----------	-----------	-----------	-----------

### 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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Ankylos Retaining Screw Lateral Hexagon M 1 x 0.2<sup>6</sup>



3105 6051
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Ankylos Sleeve for Retaining Screw Lateral Hexagon<sup>14</sup>



3105 6052
-----------

Gingival height 4.5



Scale 1.2:1



Angulation straight 15°

Order no.	3102 1645		3102 1665
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### 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 Former<sup>4</sup>

## Screw for Sulcus Formers<sup>4</sup>

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

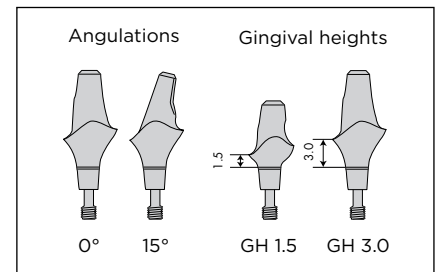
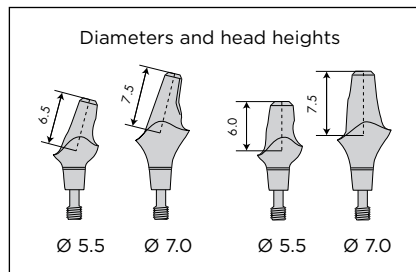
- For esthetically demanding temporary crowns and bridges
- Easily adaptable to the clinical situation with two diameters, two sulcus heights and two angulations
- Easy to use with groove for retention of the temporary denture
- Stable and x-ray visible with zirconium oxide additive

## Ankylos Balance C/ Temporary Abutment <sup>4/24/32</sup>

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

Please note that the maximum wearing time is 6 months.

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/ Abutment<sup>4</sup>



Scale 1.2:1

Article

small / 1.5/  
straight  
Ø 5.5 / H 6.0small / 3.0/  
straight  
Ø 5.5 / H 6.0large / 1.5/  
straight  
Ø 7 / H 7.5large / 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 6.5small / 3.0/  
15°  
Ø 5.5 / H 6.5large / 1.5/  
15°  
Ø 7 / H 7.5large / 3.0/  
15°  
Ø 7 / H 7.5

Order no.

3102 1590

3102 1600

3102 1610

3102 1620

### Ankylos Cercon Balance C/ Abutment<sup>32/4</sup>



Scale 1.2:1

Article

small / 1.5/  
straight  
Ø 5.5 / H 6.0small / 3.0/  
straight  
Ø 5.5 / H 6.0large / 1.5/  
straight  
Ø 7 / H 7.5large / 3.0/  
straight  
Ø 7 / H 7.5Order 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 lightdynamics
- **Tapered connection geometry for infinitely variable positioning**

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



Scale 1.2:1

Article

small / 1.5/  
15°  
Ø 5.5 / H 6.5small / 3.0/  
15°  
Ø 5.5 / H 6.5large / 1.5/  
15°  
Ø 7 / H 7.5large / 3.0/  
15°  
Ø 7 / H 7.5Order no.  neutral

3102 3030

3102 3035

3102 3070

3102 3075

Order no.  dentine

3102 3330

3102 3335

3102 3370

3102 3375

# 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 TitaniumBase<sup>4</sup>



Scale 1.2:1

Article

/ C

/ C high

/ C

/ C high

Order no.

3102 2642

3102 2652

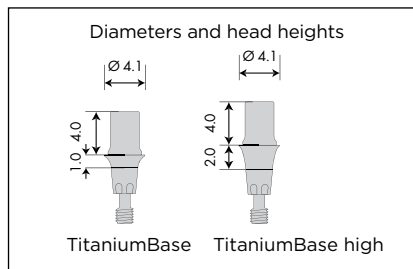
3102 2644

3102 2654



### 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<sup>®</sup> –

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

The Atlantis order is entered in the Atlantis WebOrder: [www.atlantisweborder.com](http://www.atlantisweborder.com).

For further information please contact your local Dentsply Sirona Implants representative.



# Acuris C/ CONOMETRIC ABUTMENTS

## Acuris Conometric Abutment C/0°<sup>4</sup> Ø3.3

Scale 1.2:1



Ø mm	3.3	3.3	3.3
A - height mm	1.48	2.98	4.48

Order no.	3102 3410	3102 3420	3102 3430
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## Acuris Conometric Abutment C/ straight and angled

Titanium Alloy-ELI, non-sterile

- Supporting single tooth, fixed restorations only
- Two diameters, same prosthetic interface and components for all abutments of the same diameter
- Straight Ø 3.3 mm abutments are one-piece

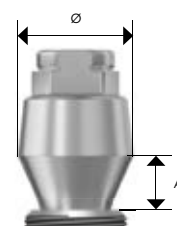
## Acuris Conometric Abutment C/15°<sup>4</sup> Ø3.3

Scale 1.2:1



Ø mm	3.3	3.3	3.3
A - height mm	1.49	2.99	4.49
B - height mm	2.35	3.85	5.35

Order no.	3102 3412	3102 3422	3102 3432
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## Acuris Conometric Abutment C/0°<sup>4</sup> Ø4.5

Scale 1.2:1



Ø mm	4.5	4.5	4.5
A - height mm	1.48	2.98	4.48

Order no.	3102 3450	3102 3460	3102 3470
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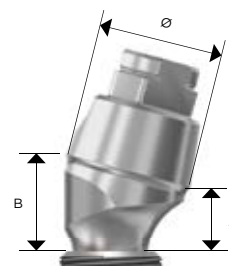
## Acuris Conometric Abutment C/15°<sup>4</sup> Ø4.5

Scale 1.2:1



Ø mm	4.5	4.5	4.5
A - height mm	1.49	2.99	4.49
B - height mm	2.65	4.15	5.65

Order no.	3102 3452	3102 3462	3102 3472
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# Acuris

## RESTORATIVE INSTRUMENTS AND COMPONENTS

### Conometric Abutment Driver

- Stainless steel, non-sterile
- For one-piece abutments

### Conometric Abutment Driver<sup>6</sup>

Scale 1:1

Ø mm  
Height mm



3.3  
25



3.3  
20

Order no. 3107 2909

3107 2910

### Torque Wrench EV

Stainless steel, non-sterile

- Use together with a restorative driver handle and the conometric driver for tightening of one-piece abutments.

### Torque Wrench EV<sup>6</sup>

Reduced scale



Order no. 25774

### Torque Wrench EV Restorative Handles

Stainless steel, non-sterile

### Torque Wrench EV Restorative Driver Handle<sup>6</sup>

Reduced scale



25776



Low

Order no. 25776

25777

### Conometric Temporization Cap Insertion Tool

Stainless steel, non-sterile

- Used for carrying the cap to the abutment and snap the cap into place.

### Conometric Temporization Cap Insertion Tool<sup>6</sup>

Scale 1:1

Ø mm  
Height mm



3.3  
24.5



4.5  
24.5

Order no. 3103 3636

3103 3637

### Conometric Fixation Tool

Stainless steel, non-sterile

- Activates the friction retention between Final Cap/final crown and abutment by a combination of pressure and impulse.

### Conometric Fixation Tool<sup>6</sup>

Reduced scale



Order no. 3107 2911

**Conometric Fixation Tool Tips<sup>24</sup>**

Scale 1.2:1

Tip Convex  
(5 pcs)Tip U-shape  
(5 pcs)Tip Concave  
(5 pcs)

Height mm

11

9.5

10.5

Order no.

3107 2906

3107 2907

3107 2908

**Conometric Fixation Tool Tip**

PEEK plastic, non-sterile, single-use

- Should be applied on the tip of Conometric Fixation Tool.

**Conometric Healing Cap**

PEEK plastic, one-piece, non-sterile, single-use

- The cap is a protection for the abutment when a temporary crown is not used.
- Can be used up to six months.

**Conometric Impression Cap**

PEEK plastic, non-sterile, single-use

- The cap is used to capture the abutment position.

**Conometric Temporization Cap**

Cap Ø 3.3/4.6: PEEK plastic, non-sterile, single-use

Cap Ø 4.5/5.8: PEEK plastic, non-sterile, single-use

- The cap is used to build a temporary crown.
- Can be used up to six months.

**Conometric Healing Cap<sup>24</sup>****Conometric Impression Cap<sup>24</sup>    Conometric Temporization Cap<sup>24</sup>**

Scale 1.2:1



Abutment size Ø mm

3.3

3.3

4.5

3.3

4.5

3.3

4.5

Ø mm

4.8

6.0

6.0

5.4

5.4

4.6

5.8

Height mm

5.3

5.3

5.3

8.3

8.3

5

5.3

Order no.

3107 2101

3107 2102

3107 2103

3107 2001

3107 2002

3107 2112

3107 2114

# Acuris

## LABORATORY COMPONENTS

**Conometric Analog<sup>6</sup>**

Scale 1:1



Abutment size

Ø mm

3.3

4.5

Height mm

20

20

Order no.

3104 7210

3107 2020

**Conometric Analog**

Stainless steel, non-sterile, single-use

- Corresponds to the abutment and is used in the master model.

**Conometric Lab Cap<sup>4</sup>****Conometric Final Cap<sup>3</sup>**

Scale 1.2:1



Abutment size Ø mm

3.3

4.5

3.3

4.5

Ø mm

4.6

5.8

4.6

5.8

Height mm

5

5

5

5

Order no.

3107 2121

3107 2123

3107 2301

3107 2303

**Conometric Lab Cap**

Titanium Alloy-ELL, non-sterile, single-use

- The lab cap is used by the dental technician when fabricating the crown.

**Conometric Final Cap**

Titanium grade 4, TiN-coated, non-sterile, single-use

- The crown is cemented onto the cap.

# Balance Base C/, SmartFix® concept

## OCCLUSAL SCREW-RETAINED BRIDGES, BAR

### Ankylos Gingiva Former C/ D 4.2<sup>4</sup>

				
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 narrow<sup>4</sup>



Scale 1.2:1	
Order no.	3104 5332

### Ankylos Protective Cap for Balance Base Abutment narrow<sup>4</sup>



Order no.	3102 2590
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### Ankylos Gold Coping for Balance Base Abutment (Permador® PDF)<sup>11</sup>

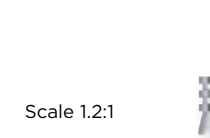


Order no.	3105 6212
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### Ankylos Retention Coping for Balance Base Abutment narrow

- For simplified transfer on abutment level
- To be used for PickUp technique with occlusal fixation screw 3105 6025 or 3105 6026

### Ankylos Retention Coping for Balance Base Abutment narrow<sup>4</sup>



Scale 1.2:1	
Order no.	3105 6216

### Ankylos Retention Coping long for Balance Base Abutment narrow<sup>4</sup>



Order no.	3105 6217
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### Ankylos Titanium Coping for Balance Base Abutment narrow<sup>3</sup>



Order no.	3105 6218
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### Ankylos Wax-up Coping for Balance Base Abutment narrow<sup>20</sup>




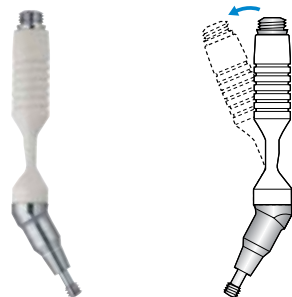
Order no.	3104 5322
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### Pre-fabricated copings for Ankylos Balance Base Abutment C/

- 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<sup>4, 24</sup> (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.

**Ankylos Balance Base Abutment C/ narrow**<sup>4, 24</sup> (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 Hex<sup>4</sup>**

Scale 1.2:1

short  
(anodized blue)long  
(flush with coping)extra long  
(extends short  
coping by 5 mm)19 mm  
(extends long  
coping by 5 mm)

Order no.

3105 6022

3105 6024

3105 6025

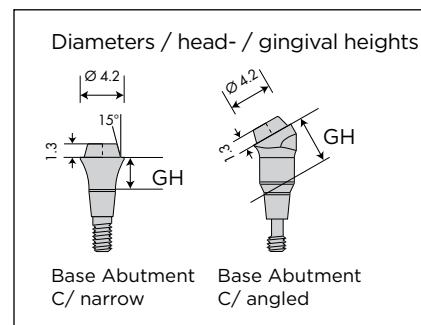
3105 6026

**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 contra-indicated.

**INSTRUMENTS****Screwing in Ankylos Balance Base Abutments C/:**

Straight version:

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

Angled version, abutment body:  
Insert for Prosthetic Ratchet, 1.0 mm hex, recommended torque 15 NcmAngled version, abutment head:  
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 4.2<sup>4</sup>



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:

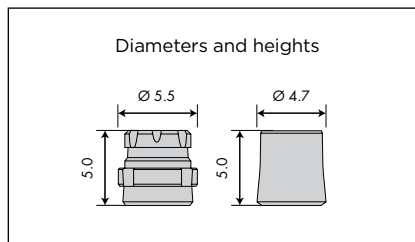
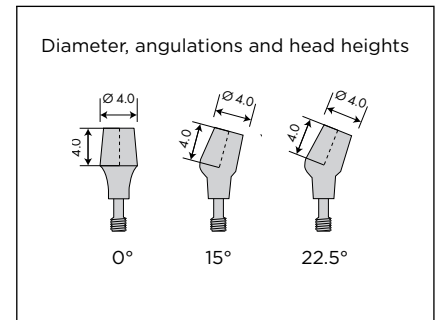
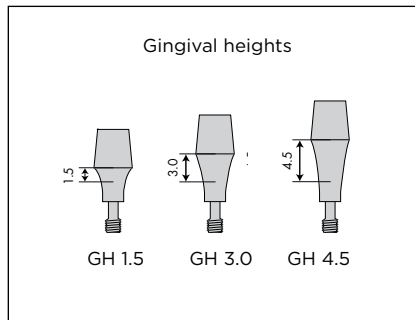
There is no impression taking when immediate loading is performed.

### 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.



**Ankylos SynCone C/ Abutment<sup>4</sup>**

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

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

**Ankylos Cover Screw  
for SynCone C/  
Abutment straight 5°**

Scale 1.2:1



Order no.

3105 6280

**Ankylos Taper Cap Degulor<sup>7</sup>  
for SynCone 5°**

with retention



without retention

3102 2198

3102 2199

**Ankylos  
Parallel Gauge  
for SynCone<sup>4</sup>**

Scale 1.2:1



Order no.

3103 3611

**Ankylos  
Polymerization  
Sleeve for  
SynCone<sup>26</sup>**

3102 1405

**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**

**Ankylos Taper Cap Degulor<sup>7</sup>  
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:**

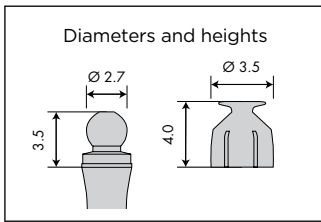
Parallel Gauge for SynCone

# 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/<sup>4</sup>



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 Attachment<sup>14</sup>

Scale 1.2:1



### Ankylos Silicone Ring<sup>26</sup> (Spare part)



### Ankylos Laboratory Analog<sup>6</sup> for Abutment with Snap Attachment



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 0.0<sup>4</sup>

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/ Abutment<sup>4</sup>

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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### Ankylos Regular C/X Implant Analog<sup>6</sup>

# Locator® C/

## EDENTULOUS JAW, PREFABRICATED RETENTION ELEMENTS

### Ankylos Locator Abutment C/⁴



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

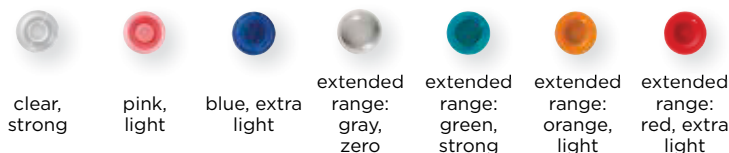
Order no.	3102 2610	3102 2612	3102 2614	3102 2616	3102 2618
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### Ankylos Locator C/

- 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 Male<sup>41</sup> (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 Coping<sup>42</sup> (4 pieces)

Scale 1.2:1



Order no.	45 - 3355
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### Locator Male Processing Package (Contents: 2 piece each)



Titanium<sup>43</sup>    Stainless Steel<sup>44</sup>

Order no.	45 - 3347	45 - 3348
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### Locator Female Analog<sup>45</sup> (4 pieces) D 4



Order no.	45 - 3356
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### 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

### Locator Black Processing Replacement Male<sup>46</sup> (4 pieces)

Scale 1.2:1



Order no.	45 - 3358
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### Locator Block-Out Spacer<sup>47</sup> (20 pieces)



Order no.	45 - 3359
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### Locator Processing Spacer<sup>48</sup> (4 pieces)

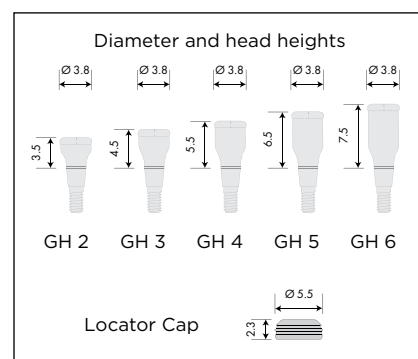


Order no.	45 - 3361
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### Locator Abutment Holder Sleeve<sup>50</sup> (4 pieces)



Order no.	45 - 3341
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### Locator Core Tool<sup>49</sup> 4-piece

Reduced scale



Order no.	45 - 3340
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### Ankylos Insert for Prosthetic Ratchet<sup>5</sup> for Locator



Order no.	3103 3635
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### Locator Angle Measurement Guide<sup>51</sup>



Order no.	45 - 3345
-----------	-----------

### Locator Parallel Post<sup>46</sup> (4 pieces)



Order no.	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:

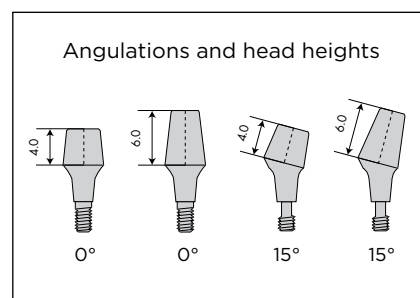
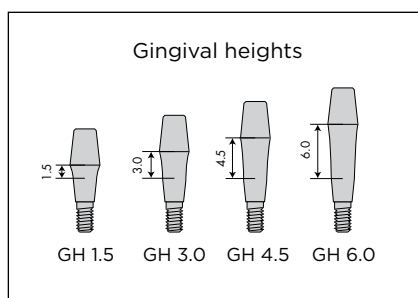
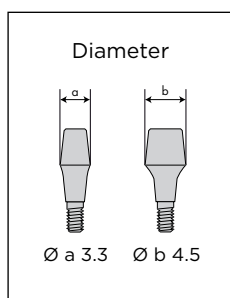
Screwdriver 1.0 mm hex

## Ankylos Standard C/ Sulcus Former<sup>4</sup>

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



## 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



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

### 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 superstructures 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



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

### 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

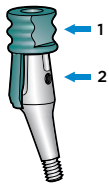
#### Fixing Crowns and Bridges with the Retaining Screw Occlusal or Lateral:

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)



**Please note:**  
With 15° abutments adjust the flat (1) side of the transfer cap in line with the lateral threads (2).

## Ankylos Standard TransferCap<sup>27</sup>

Scale 1.2:1



a / 1.5 / 4.0  
a / 3.0 / 4.0



a / 1.5 / 6.0  
a / 3.0 / 6.0

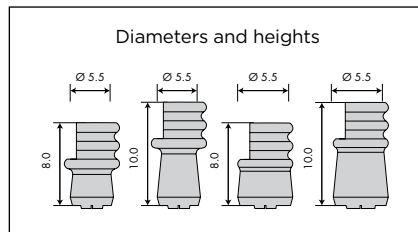


b / 1.5 / 4.0  
b / 3.0 / 4.0



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 Cap<sup>20</sup>

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 Analog<sup>6</sup> 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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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 Coping<sup>20</sup> straight & 15°, for single crowns



Scale 1.2:1    a / 1.5 / 4.0    a / 1.5 / 6.0    b / 1.5 / 4.0    b / 1.5 / 6.0  
                   a / 3.0 / 4.0    a / 3.0 / 6.0    b / 3.0 / 4.0    b / 3.0 / 6.0

Order no.	3104 5180	3104 5190	3104 5200	3104 5210
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### 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<sup>20</sup> straight & 15°, for bridges



Scale 1.2:1    a / 1.5 / 4.0    a / 1.5 / 6.0    b / 1.5 / 4.0    b / 1.5 / 6.0  
                   a / 3.0 / 4.0    a / 3.0 / 6.0    b / 3.0 / 4.0    b / 3.0 / 6.0

Order no.	3104 5182	3104 5192	3104 5202	3104 5212
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### 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 Degunorm<sup>12</sup>



Scale 1.2:1    a / 1.5 / 4.0    a / 1.5 / 6.0    b / 1.5 / 4.0    b / 1.5 / 6.0  
                   a / 3.0 / 4.0    a / 3.0 / 6.0    b / 3.0 / 4.0    b / 3.0 / 6.0

Order no.	3105 6160	3105 6170	3105 6180	3105 6190
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### Ankylos Standard Gold Coping

- For fabrication of bar restorations on straight Standard abutments

### Ankylos Fixation Screw Occlusal, short<sup>4</sup>



Scale 1.2:1

### Ankylos Retaining Screw Lateral Hexagon M 1 x 0.2<sup>5</sup>



Order no. 3105 6051

### Ankylos Sleeve for Retaining Screw Lateral Hexagon<sup>14</sup>



Order no. 3105 6052

### Ankylos Screw for Gold Coping 1.6 mm<sup>4</sup>



Order no. 3105 6140

### 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:

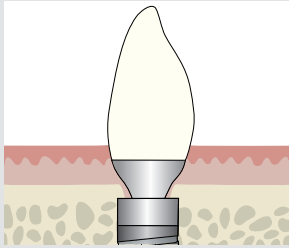
Screwdriver 1.6 mm blade,  
recommended torque 10 Ncm

# Prosthetic concepts /X (with index) – overview

Crown & bridgework	Gingiva formers/sulcus formers	Transfer on implant level																		
<p><b>Balance Anterior /X</b></p>	 <p><b>Balance Anterior C/ Sulcus Former</b></p> <table border="0"> <tr> <td>3102 1510</td> <td>1.5 small</td> </tr> <tr> <td>3102 1515</td> <td>3.0 small</td> </tr> <tr> <td>3102 1520</td> <td>1.5 large</td> </tr> <tr> <td>3102 1525</td> <td>3.0 large</td> </tr> </table>	3102 1510	1.5 small	3102 1515	3.0 small	3102 1520	1.5 large	3102 1525	3.0 large											
3102 1510	1.5 small																			
3102 1515	3.0 small																			
3102 1520	1.5 large																			
3102 1525	3.0 large																			
<p><b>Regular /X</b></p>	 <p><b>Regular C/X Gingiva Former</b></p> <table border="0"> <tr> <td>3102 4010</td> <td>GH 0.75</td> </tr> <tr> <td>3102 4012</td> <td>GH 1.5</td> </tr> <tr> <td>3102 4014</td> <td>GH 3.0</td> </tr> <tr> <td>3102 4016</td> <td>GH 4.5</td> </tr> </table>	3102 4010	GH 0.75	3102 4012	GH 1.5	3102 4014	GH 3.0	3102 4016	GH 4.5	 <table border="0"> <tr> <td>3104 7040</td> <td><b>Transfer Post Pick-Up</b> short</td> </tr> <tr> <td>3104 7042</td> <td><b>Transfer Post Pick-Up</b> long</td> </tr> <tr> <td>3104 7044</td> <td><b>Repositioning Post</b> short</td> </tr> <tr> <td>3104 7046</td> <td><b>Repositioning Post</b> long</td> </tr> <tr> <td>3104 7011</td> <td><b>Regular C/X</b> <b>Implant Analog A</b></td> </tr> </table>	3104 7040	<b>Transfer Post Pick-Up</b> short	3104 7042	<b>Transfer Post Pick-Up</b> long	3104 7044	<b>Repositioning Post</b> short	3104 7046	<b>Repositioning Post</b> long	3104 7011	<b>Regular C/X</b> <b>Implant Analog A</b>
3102 4010	GH 0.75																			
3102 4012	GH 1.5																			
3102 4014	GH 3.0																			
3102 4016	GH 4.5																			
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3104 7046	<b>Repositioning Post</b> long																			
3104 7011	<b>Regular C/X</b> <b>Implant Analog A</b>																			
<p><b>TitaniumBase /X</b></p>	<p>Individual gingiva forming</p>																			

Abutments	Transfer on abutment level, abutment analog	Accessories	Screw retention
 <p><b>Balance Anterior X/</b></p> <p>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>		 <p><b>Temporary abutments</b></p> <p>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>	 <p>3105 6301 <b>Fixation Screw Lateral Hexagon M 1.4</b></p>  <p>3105 6304 <b>Horizontal Screw Seat for Fixation Screw M 1.4</b></p>
 <p><b>Regular X/</b></p> <p>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>	 <p>3104 7120 <b>Regular C/X 3-in-1 Cap A 0</b></p> <p>3104 7110 <b>Regular C/X Abutment Analog A 0</b></p> <p>3104 7121 <b>Regular C/X 3-in-1 Cap A 7.5</b></p> <p>3104 7111 <b>Regular C/X Abutment Analog A 7.5</b></p> <p>3104 7122 <b>Regular C/X 3-in-1 Cap A 15</b></p> <p>3104 7112 <b>Regular C/X Abutment Analog A 15</b></p> <p>3104 7123 <b>Regular C/X 3-in-1 Cap A 22.5</b></p> <p>3104 7113 <b>Regular C/X Abutment Analog A 22.5</b></p>		 <p>3105 6301 <b>Fixation Screw Lateral Hexagon M 1.4</b></p>  <p>3105 6304 <b>Horizontal Screw Seat for Fixation Screw M 1.4</b></p>
 <p><b>TitaniumBase X/</b></p> <p>3102 2646 TitaniumBase /X            3102 2656 TitaniumBase /X high</p>		 <p><b>ScanBase X/</b></p> <p>3102 2648 ScanBase /X            3102 2658 ScanBase /X high</p>	

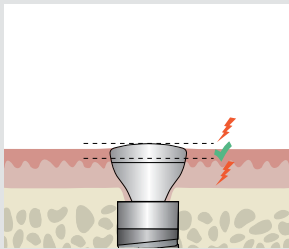
# Soft tissue management and abutment assembly



## 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:

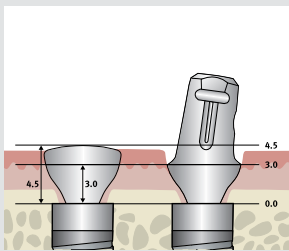
- Due to the taper connection, the diameter of the Ankylos abutments on the implant level is markedly smaller than the diameter of the implant itself.
- Soft tissues are also located under the flanks of the abutment.



## 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.

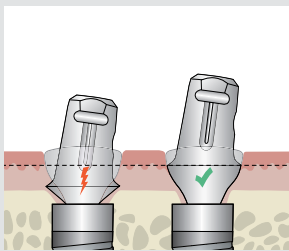
- If the level is above the upper dotted line, a higher gingiva former should be selected; if it is below the lower dotted line, a lower one should be selected.



## 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.

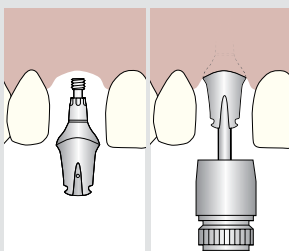


If the soft tissue passage formed is smaller than the profile of the abutment used, this may result in an avoidable compression of the gingiva. This effect occurs when:

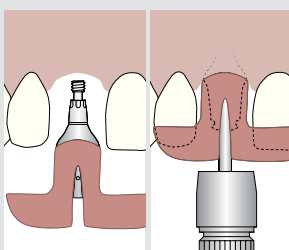
1. The gingiva former is markedly higher than the gingival level and the abutment used later on.

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).

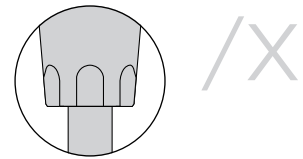
3. The final abutment has a larger diameter than the gingiva former used (e.g. in case of a different prosthetic range).



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<sup>6</sup> (PickUp Technique)**  
with screw extension<sup>24</sup>

**Ankylos PickUp Screw Extension**  
(10 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

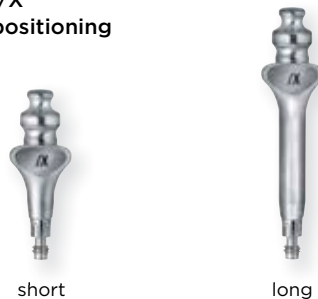
Order no.	3104 7040	3104 7042	3104 7048
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**Ankylos Regular C/X Transfer Post<sup>6</sup> (Repositioning Technique)**

**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
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**Ankylos Regular C/X Implant Analog<sup>6</sup> A**

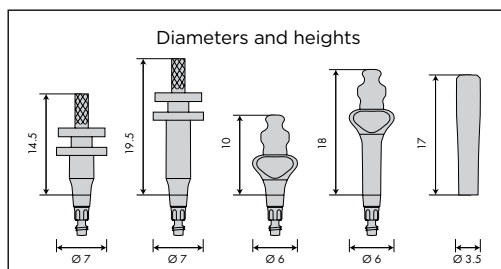
**Ankylos C/X Implant Analog**

- For fixing the prosthetic components in the master cast

Scale 1.2:1



Order no.	3104 7011
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# 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 Former<sup>4</sup>

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 Cap<sup>20</sup>

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 Analog<sup>6</sup>

Scale 1.2:1



A 0



A 7.5

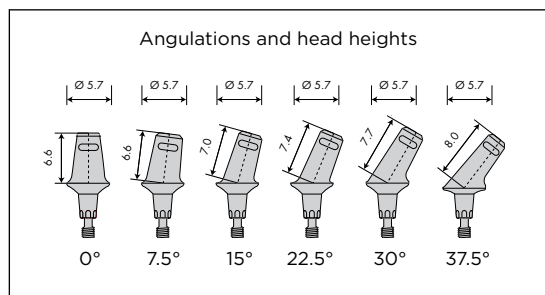
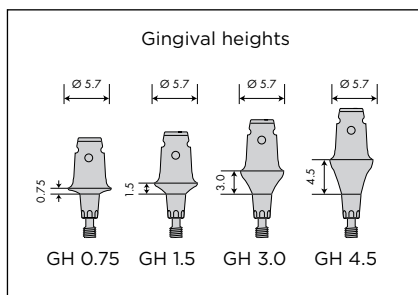


A 15



A 22.5

Order no.	3104 7110	3104 7111	3104 7112	3104 7113
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### 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
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### 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
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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
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Ankylos  
Fixation Screw  
Lateral Hexagon  
M 1.4<sup>4</sup>



3105 6301

Ankylos  
Horizontal Screw  
Seat for Fixation  
Screw M 1.4<sup>4</sup>



3105 6304

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
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### 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 peri-implant soft tissue
- Selection depends on the gingival margin

### INSTRUMENTS

#### Placing Sulcus Formers:

Screwdriver 1.0 mm hex

### Ankylos Balance C/ Sulcus Former<sup>4</sup>

### Screw for Sulcus Formers<sup>4</sup>

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

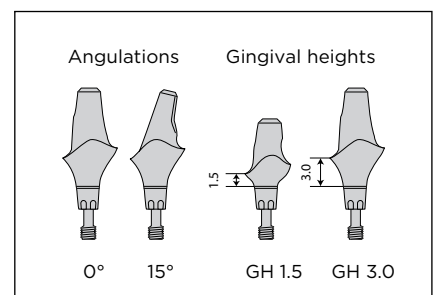
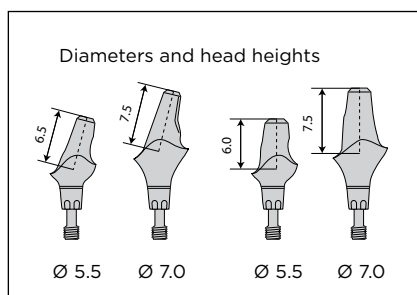
### Ankylos Balance Anterior /X Abutment

- 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 Abutment<sup>4</sup>

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 TitaniumBase<sup>4</sup>



Scale 1.2:1

Article

/ X

/ X high

/ X

/ X high

Order no.

3102 2646

3102 2656

3102 2648

3102 2658



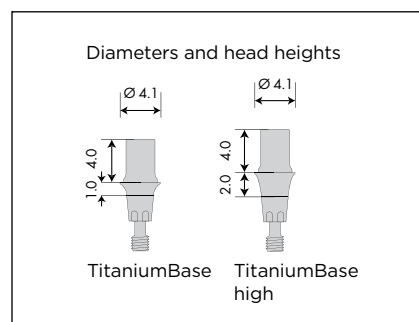
### Ankylos ScanBase<sup>24,4</sup>

#### 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<sup>®</sup> -

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

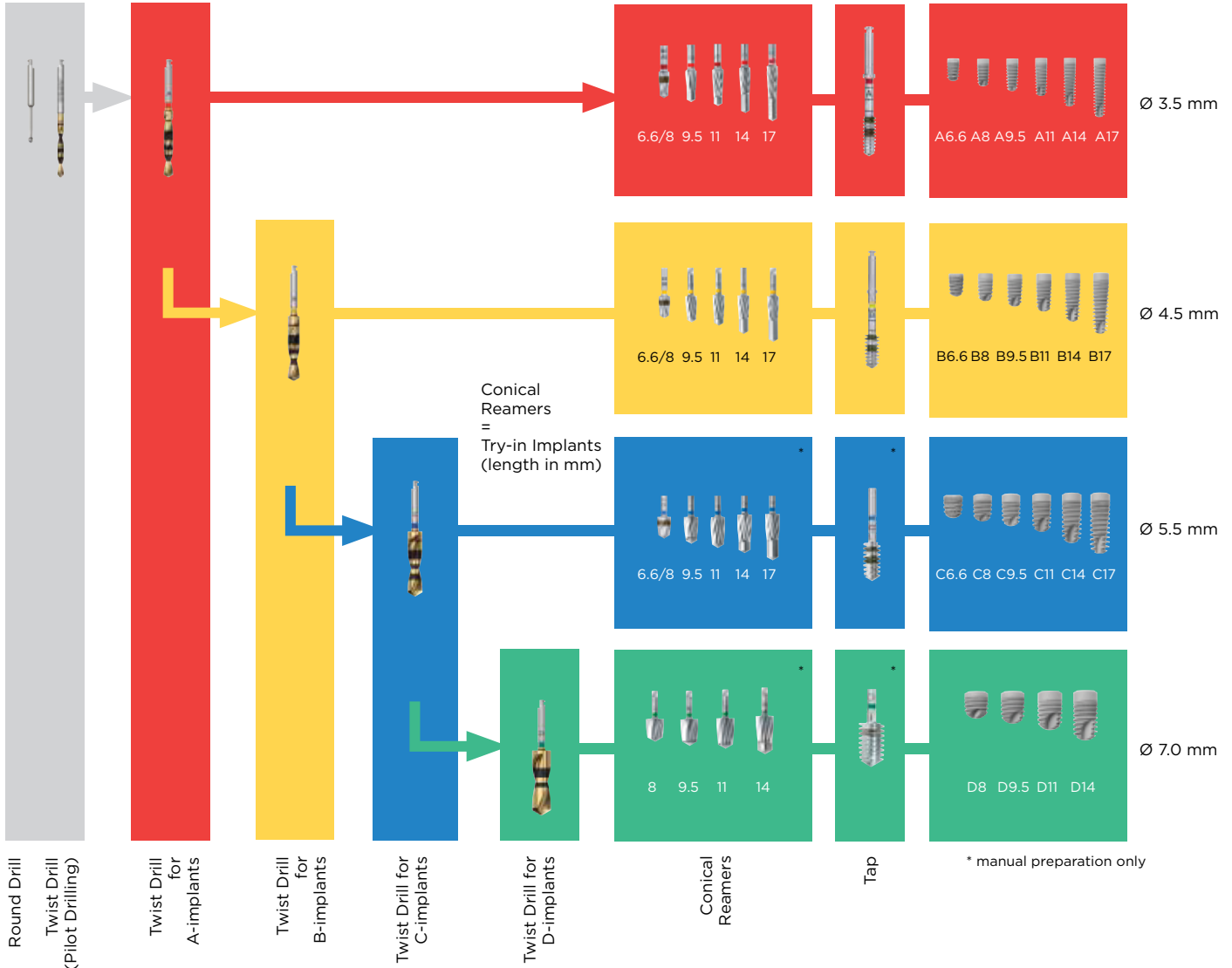
The Atlantis order is entered in the Atlantis WebOrder: [www.atlantisweborder.com](http://www.atlantisweborder.com).

For further information please contact your local Dentsply Sirona Implants representative.



# Surgical instruments

## DRILLS



	Round Drill <sup>6</sup>	Lindemann Drill <sup>6</sup>	Twist Drill <sup>6</sup>		Parallel Gauge <sup>2</sup> for Lindemann Drill	Parallel Gauge <sup>2</sup> for Twist Drill	Extension Instrument HXSS <sup>6</sup>
Scale 1:1							
	D 1.8 mm	D 2 mm, L 8 mm	D 2 mm, L 11 mm	D 2 mm/S D 2 mm/M	Ring marking		
Order no.	3103 7040	3103 7041	3103 7042	3103 7043 3103 7044	3103 3025	3103 3026	3103 7408

# DRILLS

## Ankylos Twist Drill<sup>6</sup>

Scale 1:1



Lengths For implants

S M

A A

Order no.	3103 7052	3103 7053
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Scale 1:1



Lengths For implants

S M

B B

Order no.	3103 7062	3103 7063
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Scale 1:1




Lengths For implants

S M

C C

Order no.	3103 7072	3103 7073
-----------	-----------	-----------

Scale 1:1



Lengths For implants

S M


D D

Order no.	3103 7082	3103 7083
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## Ankylos Twist Drills<sup>6</sup>

- For implant site preparation up to the planned implant diameter

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



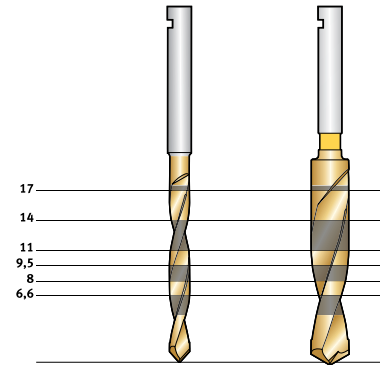
A	B	C	D
0.4 mm	0.5 mm	0.6 mm	0.8 mm

Diameter of drills (mm)

2.9    3.8    4.7    5.7

### Please note:

All drills can be cleaned and resterilized max. 10 times (i.e. 10 patients). Blunt or damaged instruments must be replaced immediately.

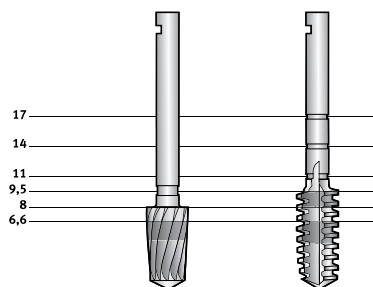


# Surgical instruments

## MOTOR 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)
- Also used as a try-in implant
- Available in two lengths  
Instrument motor: shaft length 21 mm  
Instrument motor long: shaft length 28 mm



### Ankylos Conical Reamers<sup>6</sup>

Scale 1:1



For implants **A6.6/A8** **A9.5** **A11** **A14** **A17**

Order no. motor	3103 7185	3103 7188	3103 7190	3103 7200	3103 7202
Order no. motor long	3103 7186	3103 7189	3103 7191	3103 7201	3103 7203

Scale 1:1



For implants **B6.6/B8** **B9.5** **B11** **B14** **B17**

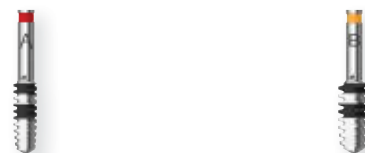
Order no. motor	3103 7205	3103 7208	3103 7210	3103 7220	3103 7230
Order no. motor long	3103 7206	3103 7209	3103 7211	3103 7221	3103 7231

### 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)

### Ankylos Tap<sup>6</sup>

Scale 1:1



For implants **A** **B**

Order no. motor	3103 7440	3103 7450
Order no. motor long	3103 7441	3103 7451

# MOTOR SEATING INSTRUMENTS

**Ankylos Seating Instrument  
for C/X Implants<sup>6, 52</sup>**

**Ankylos PTFE ring<sup>52</sup>**  
(5 pieces)

Scale 1:1



short, HXSS  
motor



long, HXSS  
motor

Order no.	3103 7541	3103 7543	3103 7530
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# Surgical instruments

## MANUAL 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 ratchet (manual)
- Also used as a try-in implant

### Ankylos Conical Reamers<sup>6</sup>

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
------------------	-----------	-----------	-----------	-----------	-----------

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
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Scale 1:1



For implants ■ C6.6/C8 ■ C9.5 ■ C11 ■ C14 ■ C17

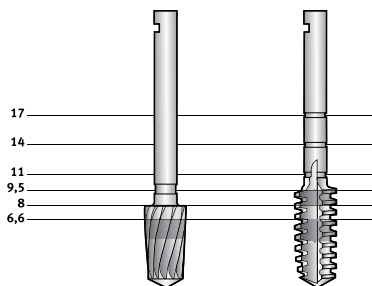
Order no. manual	3103 3233	3103 3235	3103 3238	3103 3240	3103 3250
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Scale 1:1



For implants ■ D8 ■ D9.5 ■ D11 ■ D14

Order no. manual	3103 3252	3103 3254	3103 3256	3103 3258
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### Ankylos Tap<sup>6</sup>

Scale 1:1



For implants ■ A ■ B ■ C ■ D

Order no. manual	3103 3260	3103 3270	3103 3280	3103 3285
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### 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 ratchet (manual)

# RATCHET/RATCHET INSERTS

## Surgical Ratchet with Torque Indication<sup>6</sup>



Reduced scale

## Ankylos Ratchet Spring<sup>6</sup>

## Ankylos Open-end Wrench C/X<sup>6</sup>



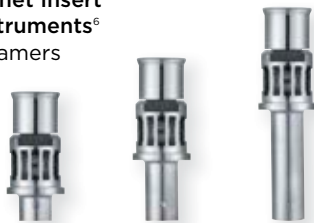
## Surgical Ratchet with Torque Indication

- 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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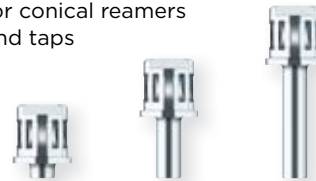
## Ankylos Ratchet Insert for Motor Instruments<sup>6</sup> for conical reamers and taps

Scale 1:1



short, HXSS medium, HXSS long, HXSS

## Ankylos Ratchet Insert for Manual Instruments<sup>6</sup> 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 Implants<sup>6</sup> for manual placement

Scale 1:1



short medium long

## Ankylos Implant Driver C/X with Screwdriver<sup>6</sup> for manual placement



short medium long

## Ankylos Implant Drivers

- For placement of Ankylos C/X implants

## 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
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## Ankylos PTFE ring<sup>52</sup> (5 pieces)

Reduced scale

## Ankylos Handle for Instruments, XL<sup>6</sup>

## Ankylos Insertion Handle for C/X Implants, extra long<sup>6, 52</sup>



Order no.	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 GS <sup>6</sup>		Ankylos Initial Drill GS <sup>6</sup>		Ankylos Twist Drill GS, Ø 2 mm <sup>6</sup>			
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 Sirona Implants Guided Surgery procedures.

	Ankylos Tri-Spade Drill GS <sup>6</sup>							
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.

## INSTRUMENTS

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

	Sleeve for Ankylos Drill GS <sup>6</sup>				Sleeve for Ankylos Tri-Spade Drill GS <sup>6</sup>		
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
Contents:	1 piece each 3103 7701 3103 7702		1 piece each 3103 7725 3103 7723 3103 7703				

### Ankylos Conical Reamer GS<sup>6</sup>

Scale 1:1



■ for implants A8 / A9.5

■ for implants A11 / A14

■ for implants B8 / B9.5

■ for implants B11 / B14

### Ankylos Conical Reamer GS

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

Order no.	3103 7651	3103 7653	3103 7661	3103 7663
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### Ankylos Tap GS<sup>6</sup>

Scale 1:1



■ A 8

■ A 9.5

■ A 11

■ A 14

■ B 8

■ B 9.5

■ B 11

■ B 14

### 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.

Order no.	3103 7671	3103 7672	3103 7673	3103 7674	3103 7681	3103 7682	3103 7683	3103 7684
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### Ankylos Implant Drivers for Guided Surgery (GS)<sup>6</sup>

Scale 1:1



short

long

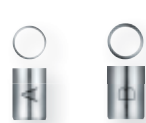
short

long

narrow  
■ for A-implants

wide  
■ for B-implants

### Ankylos Sleeve for Implant Driver GS<sup>6</sup> (spare part)



■ for A-implants

■ for B-implants

### Ankylos Stabilization Abutment GS<sup>6, 52</sup>



■ for A-implants

■ for B-implants

### 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

Order no.	3103 7690	3103 7692	3103 7691	3103 7693	3103 7706	3103 7726	3103 7721	3103 7722
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### Ankylos Positioning Aid<sup>2, 4</sup>

Scale 1:1



■ for A-implants

■ for B-implants

### Ankylos Positioning Aid

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

Order no.	3104 5801	3104 5802
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# 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 6523

### Ankylos Surgical Kit ■ ■ manual AB



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

Order no. 3103 6513

### Ankylos Surgical Kit ■ ■ ■ manual ABC

Reduced scale



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

Order no. 3103 6503

### 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

Order no. 3103 6530

## Ankylos Washtray

### Ankylos Washtray

Reduced scale



Order no. 3103 6600

### Ankylos Washtray Sterilization Container



Order no. 3103 6602

**Ankylos Drill Module**  
(empty)

	■ motor A		■ motor B	
Order no.	3103 6573		3103 6574	
	■ manual A	■ manual B	■ manual C	■ manual D
Order no.	3103 6561	3103 6562	3103 6563	3103 6564
	GS 2.0 (Guided Surgery)	■ GS A (Guided Surgery)	■ GS B (Guided Surgery)	
Order no.	3103 6583	3103 6584	3103 6585	



**Ankylos Tool Module**  
(empty)

Order no.	3103 6560	3103 6582	3103 6551
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**Ankylos Tool Module GS**   **Ankylos Tray Cover**  
(empty, Guided Surgery)

**Ankylos Surgical Kit Tray**  
(empty)

	■ ■ motor AB	■ ■ ■ manual ABC	■ ■ ExpertEase
Order no.	3103 6542	3103 6540	3103 6531

**Spare Parts Washtray**

**Ankylos Washtray Overlay**

Order no.	3103 6601	3107 1003
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**Reusable Filter for Washtray  
Sterilization Container (2 pcs.)**

**Instrument Holder for ISO shank**  
(5 pcs.)

Order no.	3107 1004	3107 1006
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**Instrument Holder for Ratchet  
Insert (5 pcs.)**

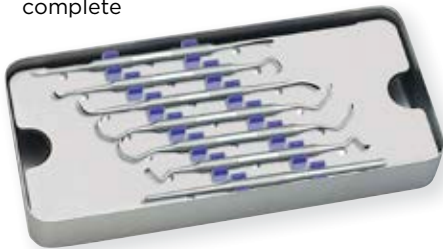
# Additional surgical instruments

## 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 Elevators<sup>®</sup>

Elevator 01

Elevator 02

Elevator 03

Membrane-Elevator  
small

Reduced scale



Order no. 3103 4510

Order no. 3103 4520

Order no. 3103 4530

Order no. 3103 4540

Membrane-  
Elevator large

Membrane-  
Elevator small,  
double curved

Dental Chisel

Surgical  
Hammer  
for Sinus Lift

Reduced scale



Order no. 3103 4550

Order no. 3103 4560

Order no. 3103 4570

Order no. 3103 4580

# OSTEOTOMY

## Ankylos BoneExpander<sup>®</sup>

Size 01

Size 02

Size 03

Size 04

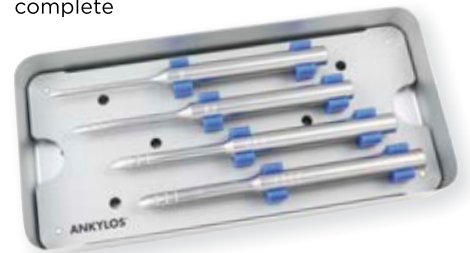
Reduced scale



## 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 BoneCondenser<sup>®</sup>

Position Marker

Pilot Bone-Condenser

Bone-Condenser  
■ A-implants

Bone-Condenser  
■ B-implants

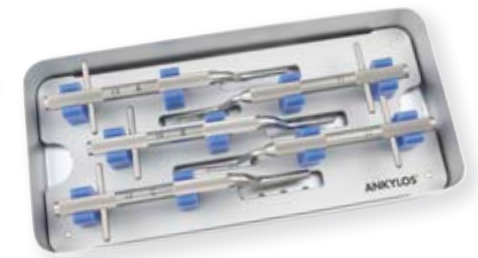
Bone-Condenser  
■ C-implants

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

Order no. straight

3103 4350

3103 4360

3103 4370

3103 4380

3103 4390

Order no. bayonett

3103 4352

3103 4362

3103 4372

3103 4382

3103 4392

## Ankylos Surgery Tray BoneCondenser, bayonett, complete

Order no.

3103 6325

# 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

# Surgical unit

## 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 Sirona 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 - 5042
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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 scale

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)

### Frios Unit E Coolant Hose (motor cable 1.8 m/5 pieces), with Luer-Lock connection for three-way stopcock



Reduced scale

Order no.	90 - 6441
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Order no.	90 - 6542
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# Additional surgical instruments

## ACCESSORIES

### 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

### Ankylos Unscrew Instrument for Cover Screws<sup>6</sup>

Scale 1:1



short



long

### Ankylos Handle for Screwdriver<sup>6</sup>



Standard  
Ø 7 mm



Standard  
Ø 12 mm

Order no.	3103 3434	3103 3435	3103 3410	3103 3415
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### ATP Punch

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

### ATP Punch<sup>6</sup>

Scale 1:1



### Sleeve for ATP Punch<sup>6</sup>



Order no.	3103 4090	3103 4091
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# Trial abutments

**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 Abutment<sup>53</sup>**

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

# Prosthetic instruments

**Ankylos  
Prosthetic Tray mini**

**Ankylos Prosthetic Tray**

Reduced  
scale



Order no.

3103 6165

3103 6120

**Ankylos Prosthetic Tray  
Balance Abutment System**

**Ankylos Prosthetic Tray  
Standard Abutment System**

Order no.

3103 6140

3103 6150

	3103 6165 (mini)	3103 6120	3103 6140 (Balance)	3103 6150 (Standard)
<b>Contents Prosthetic Tray:</b>				
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 Hexagon Screwdriver,<sup>6</sup> 1 mm

Scale 1:1



Order no.	3103 3400	3103 3410	3103 3415
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## Ankylos Handle for Screwdriver<sup>6</sup>



Standard  
Ø 7 mm



Standard  
Ø 12 mm

## 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

## Ankylos Unscrew Instrument for Cover Screws<sup>6</sup>

Scale 1:1



short



long

## Ankylos Screwdriver Insert 1.6 mm blade<sup>6</sup>



for slot screws

Order no.	3103 3434	3103 3435	3103 3450
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## Ankylos Screwdriver Insert

Scale 1:1



1.0 mm  
hexagon<sup>6</sup>

for 1.0 hexagon  
socket screws



short



1.8 mm  
hexagon<sup>6</sup>

short



1.0 mm blade<sup>6</sup>

for the headless  
screws with cemented  
superstructures

Order no.	3103 3455	3103 3456	3103 3457	3103 3458	3103 3460
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## Ankylos Activator for Snap Attachment<sup>6, 20</sup>

Reduced  
scale



## Ankylos Deactivator for Snap Attachment<sup>6, 20</sup>



Positioning  
Key<sup>6</sup>

preangled Standard  
Abutments

Order no.	3103 3501	3103 3502	3103 3485
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**Ankylos Mounting Device  
for Prosthetic Ratchet  
Inserts<sup>6</sup>**

Scale 1:1



**Ankylos Prosthetic Ratchet<sup>6</sup>**



Order no.

3103 3632

3103 3630

**Ankylos Insert for Prosthetic Ratchet<sup>6</sup>**

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-Abut-  
ments long

for b-Abut-  
ments long

Order no.  
Torque Ncm

3103 3625  
15

3103 3628  
15

3103 3626  
10

3103 3627  
25

3103 3635  
30

3103 3623  
25

3103 3621  
25

3103 3622  
25

3103 3633  
25

3103 3634  
25

**Ankylos Laboratory  
Screwdriver<sup>6/20</sup> torque 10 Ncm**

Reduced  
scale



**Ankylos Finisher<sup>6</sup>**



for Balance Base  
Abutment narrow

for Taper Occlusal  
Retention Screw

for Taper Lateral  
Retention Screw

**Ankylos Handle for Abutment  
Analogues and Abutments<sup>6/54</sup>**



Order no.

3103 3640

3103 3571

3103 3580

3103 3590

3103 3602

# Models and materials

## DEMONSTRATION MODELS

### Demo models

Order no.	Article
3109 9201	<b>Ankylos C/X Acrylic Model Maxilla Crown and Bridge</b> (3 implants without prosthetics)
3109 9240	<b>Ankylos Acrylic Model Mandible, Edentulous</b> (4 implants without prosthetics)
3109 9262	<b>Ankylos SynCone Alignment Model</b> (without prosthetics)
3109 9261	<b>Ankylos SynCone Acrylic Model with prosthetics</b>
3109 9265	<b>Ankylos SmartFix Acrylic Model without prosthetics</b>

# 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 ELI
Aluminium	5	AlMg <sub>3</sub>
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 101I 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 <sub>2</sub>

# Product index

Order No.	Article	Page	Order No.	Article	Page
25774	Torque Wrench EV	24	3102 1028	Standard C/ Sulcus Former Compact a / 6.0	32
25776	Torque Wrench EV Restorative Driver Handle	24	3102 1031	Standard C/ Sulcus Former Compact b / 1.5	32
25777	Torque Wrench EV Restorative Driver Handle, Low	24	3102 1041	Standard C/ Sulcus Former Compact b / 3.0	32
3101 0110	C/X Membrane Screw Ø 3.5 mm	04	3102 1050	Standard C/ Abutment a / 1.5 / 4.0 straight	33
3101 0120	C/X Membrane Screw Ø 6.0 mm	04	3102 1060	Standard C/ Abutment a / 1.5 / 6.0 straight	33
3101 0130	C/X Membrane Screw Ø 6.0 mm, sinus lift 1 mm	04	3102 1070	Standard C/ Abutment a / 3.0 / 4.0 straight	33
3101 0140	C/X Membrane Screw Ø 6.0 mm, sinus lift 2 mm	04	3102 1076	Standard C/ Abutment a / 4.5 / 4.0 straight	33
3101 0403	C/X Implant A 6.6 Ø 3.5 / L 6.6	05	3102 1078	Standard C/ Abutment a / 6.0 / 4.0 straight	33
3101 0405	C/X Implant A 8 Ø 3.5 / L 8	05	3102 1080	Standard C/ Abutment a / 3.0 / 6.0 straight	33
3101 0408	C/X Implant A 9.5 Ø 3.5 / L 9.5	05	3102 1090	Standard C/ Abutment b / 1.5 / 4.0 straight	33
3101 0410	C/X Implant A 11 Ø 3.5 / L 11	05	3102 1100	Standard C/ Abutment b / 1.5 / 6.0 straight	33
3101 0420	C/X Implant A 14 Ø 3.5 / L 14	05	3102 1110	Standard C/ Abutment b / 3.0 / 4.0 straight	33
3101 0422	C/X Implant A 17 Ø 3.5 / L 17	05	3102 1120	Standard C/ Abutment b / 3.0 / 6.0 straight	33
3101 0423	C/X Implant B 6.6 Ø 4.5 / L 6.6	05	3102 1130	Standard C/ Abutment a / 1.5 / 4.0 15°	33
3101 0425	C/X Implant B 8 Ø 4.5 / L 8	05	3102 1140	Standard C/ Abutment a / 1.5 / 6.0 15°	33
3101 0428	C/X Implant B 9.5 Ø 4.5 / L 9.5	05	3102 1150	Standard C/ Abutment a / 3.0 / 4.0 15°	33
3101 0430	C/X Implant B 11 Ø 4.5 / L 11	05	3102 1160	Standard C/ Abutment a / 3.0 / 6.0 15°	33
3101 0440	C/X Implant B 14 Ø 4.5 / L 14	05	3102 1170	Standard C/ Abutment b / 1.5 / 4.0 15°	33
3101 0450	C/X Implant B 17 Ø 4.5 / L 17	05	3102 1180	Standard C/ Abutment b / 1.5 / 6.0 15°	33
3101 0452	C/X Implant C 6.6 Ø 5.5 / L 6.6	05	3102 1190	Standard C/ Abutment b / 3.0 / 4.0 15°	33
3101 0453	C/X Implant C 8 Ø 5.5 / L 8	05	3102 1200	Standard C/ Abutment b / 3.0 / 6.0 15°	33
3101 0455	C/X Implant C 9.5 Ø 5.5 / L 9.5	05	3102 1300	Abutment with Snap Attachment C/ a / 1.5 complete	30
3101 0458	C/X Implant C 11 Ø 5.5 / L 11	05	3102 1301	Abutment with Snap Attachment C/ a / 1.5	30
3101 0460	C/X Implant C 14 Ø 5.5 / L 14	05	3102 1310	Abutment with Snap Attachment C/ a / 3.0 complete	30
3101 0470	C/X Implant C 17 Ø 5.5 / L 17	05	3102 1311	Abutment with Snap Attachment C/ a / 3.0	30
3101 0472	C/X Implant D 8 Ø 7.0 / L 8	05	3102 1312	Snap for Abutment with snap attachment	30
3101 0474	C/X Implant D 9.5 Ø 7.0 / L 9.5	05	3102 1313	Silicone Ring for Snap Attachment	30
3101 0476	C/X Implant D 11 Ø 7.0 / L 11	05			
3101 0478	C/X Implant D 14 Ø 7.0 / L 14	05			
3101 0480	C/X Cover Screw	04			
3101 0481	C/X Cover Screw, 1 mm	04			
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