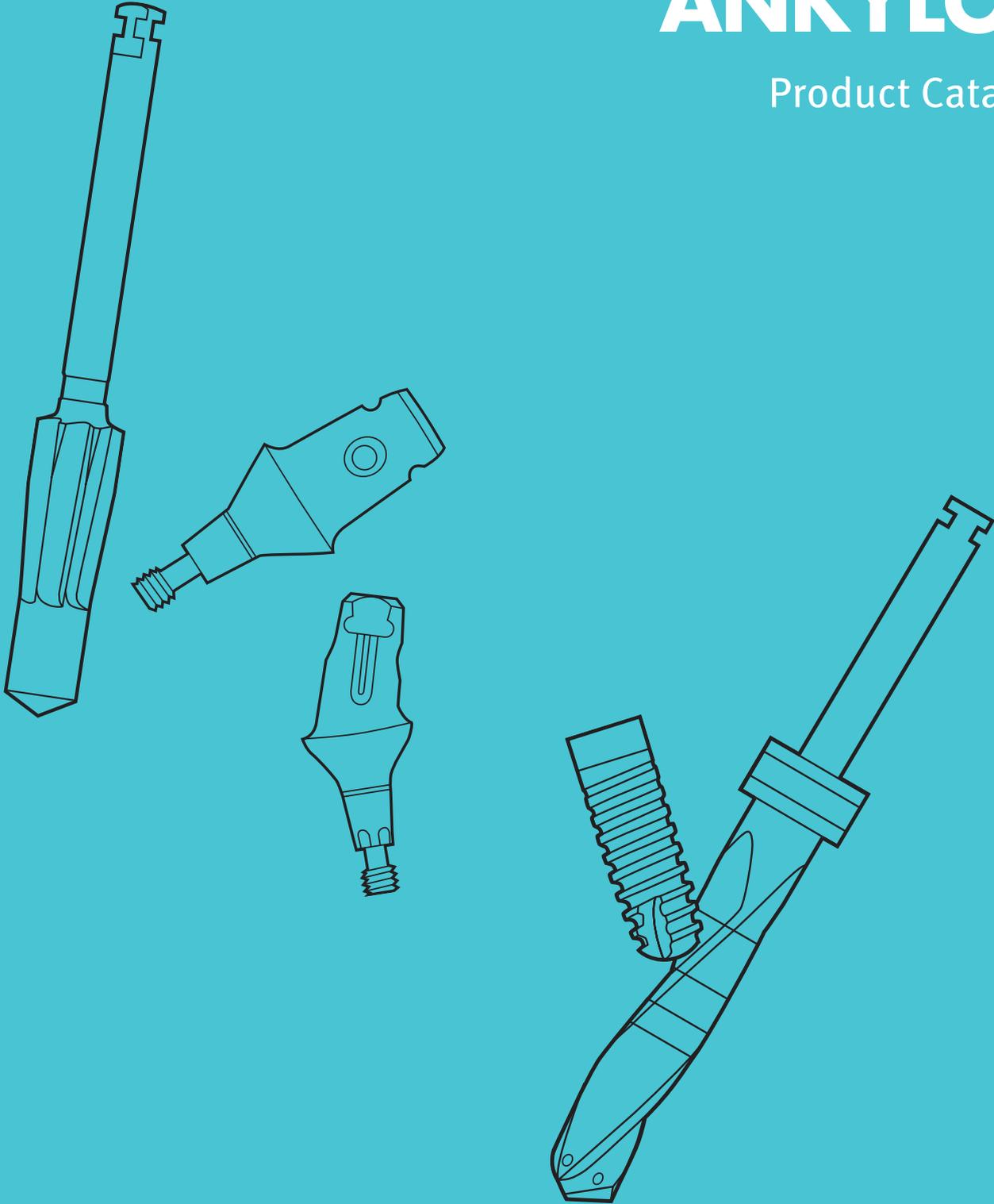


# ANKYLOS<sup>®</sup>

## Product Catalog





## **ANKYLOS® C/X: Discover TissueCare with the option of indexing**

For more than 25 years, the ANKYLOS® system developed by Prof. Dr. G.-H. Nentwig and Dr. Dipl.-Ing. Walter Moser with its TissueCare Connection using the taper principle has stood for successful long-term hard and soft-tissue stability and long-term red-white esthetics.

ANKYLOS® C/X offers users significant new advantages:

- Select either C/ non-indexed or /X indexed prosthetics with simplified abutment positioning
- A new delivery system for implants with a more easily recognizable implant shoulder
- A new double-sterile implant package for greater safety

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# ANKYLOS®

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## PROSTHETICS

### IMPRESSION ON IMPLANT LEVEL

Prosthetics /X with taper connection and index between implant and abutment



Impression taking /X		23
Regular /X*	Crown & bridge work, wide abutments	24
Balance Anterior /X	anatomical abutments, anterior region	26
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### IMPRESSION ON IMPLANT LEVEL

Prosthetics C/ with taper connection between implant and abutment



Impression taking C/		29
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Balance Posterior C/	Crown & bridge work, narrow abutments	32
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### IMPRESSION ON ABUTMENT LEVEL

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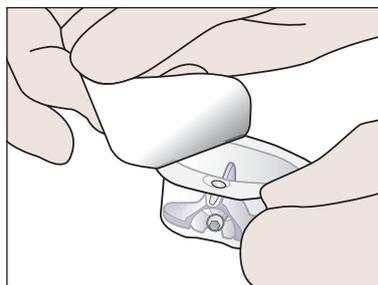
MATERIALS	51
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\* Impression on Abutment Level as an option

Information regarding the materials involved in implants, system components and instruments is given in the form of a reference number after every article: ANKYLOS® Regular C/X Gingivaformer®. Page 51 of this catalog presents an overview of the materials and the composition of the materials used. The pictures in this catalog are for illustration. The size of the illustrated products may deviate from the original product. DENTSPLY Friadent reserves the right to make any technical changes without prior notice.

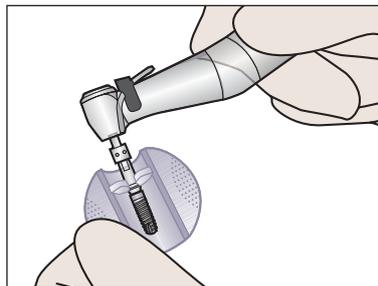
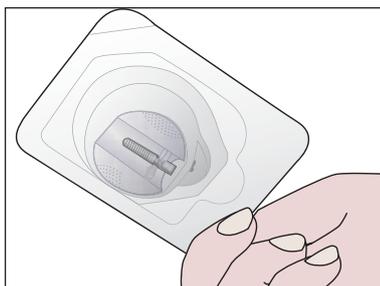
# ANKYLOS® | Implants

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.



### 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 acceptance of the implant easy during the operation
- Three wings with roughened surfaces for non-slip holding make it very easy to handle safely

### ANKYLOS® Cover Screw (as spare part)

Scale 1.5:1



### ANKYLOS® Membrane Screw



Ø 3.5 mm

Order no. 3101 0110



Ø 6.0 mm

Order no. 3101 0120



Ø 6.0 mm  
sinus lift, 1 mm

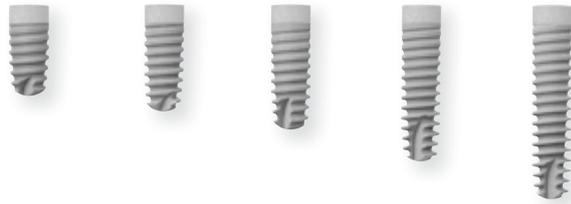
Order no. 3101 0130



Ø 6.0 mm  
sinus lift, 2 mm

Order no. 3101 0140

Scale 1.5:1



For implants

**A8**   **A9.5**   **A11**   **A14**   **A17**

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

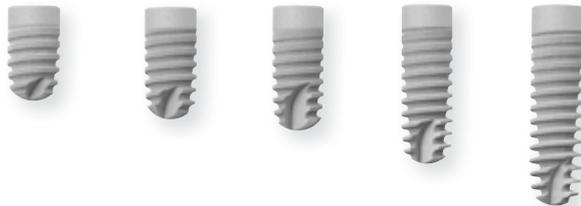
**Indications**

- Single-tooth replacement
- Fixing bridges and prostheses

**Healing mode**

- Submerged or transgingival with gingiva-forming component

Scale 1.5:1



For implants

**B8**   **B9.5**   **B11**   **B14**   **B17**

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

**INSTRUMENTS**

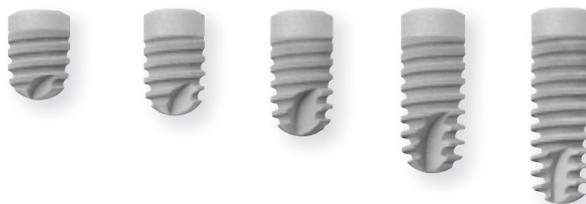
**Placement of implants:**

ANKYLOS® Implant Driver

**Unscrewing Placement Head,  
placement of Cover Screw:**

Screwdriver 1.0 mm hex

Scale 1.5:1



For implants

**C8**   **C9.5**   **C11**   **C14**   **C17**

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

**Placement of implants and  
unscrewing the Placement Head  
without changing the instrument:**

ANKYLOS® Implant Driver C/X  
with Screwdriver

Scale 1.5:1

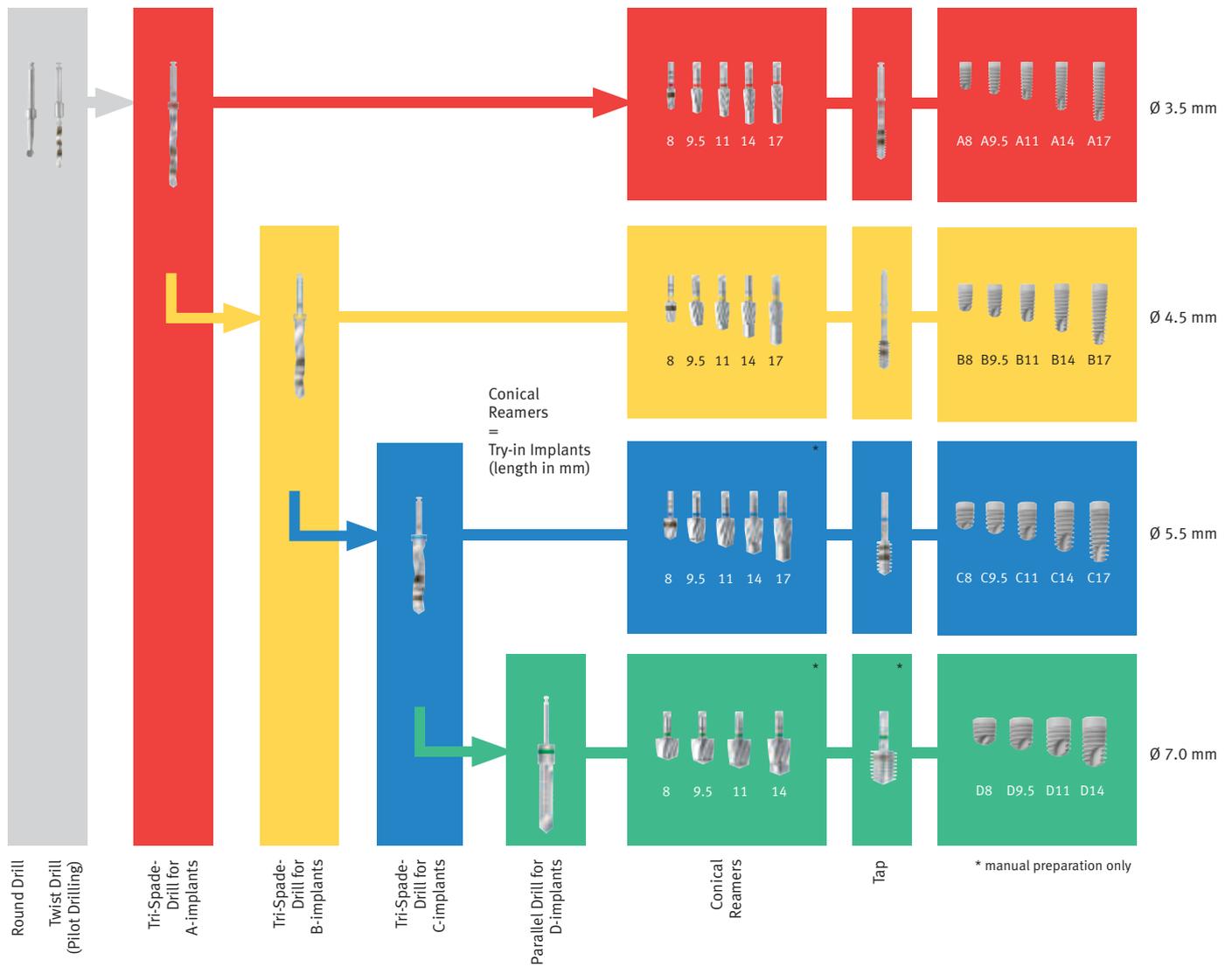


For implants

**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

# ANKYLOS® | Surgical Instruments



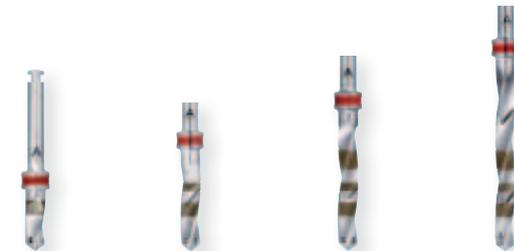
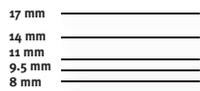
	Round Drill <sup>6*</sup>	Lindemann Drill*	Twist Drill <sup>6*</sup>	Parallel Gauge for Lindemann Drill	Parallel Gauge for Twist Drill	Drill Extension <sup>**</sup>	
Scale 1:1							
	Ø 3 mm	l = 8 mm	l = 11 mm	Ø 2 mm	Ring marking		
Order no.	3103 3010	3103 3015	3103 3020	3103 3022	3103 3025	3103 3026	91-0003

\* With internal cooling

\*\* The drill extension must always be used with the long internal irrigation tube (Order no. 90 – 5043).

**ANKYLOS® Tri-Spade-Drill<sup>6</sup>**

Scale 1:1



Lengths  
For implants

XS S M L  
■ A ■ A ■ A ■ A

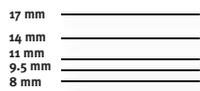
Order no.	3103 7324	3103 7325	3103 7330	3103 7340
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**ANKYLOS® Tri-Spade Drills<sup>6</sup>**

- For implant site preparation for the planned implant diameter
- With internal irrigation

The ANKYLOS® Tri-Spade Drills are available in four lengths:  
 XS – for implants to max. 8 mm length  
 S – for implants to max. 14 mm length  
 M – all implant lengths  
 L – all implant lengths

Scale 1:1



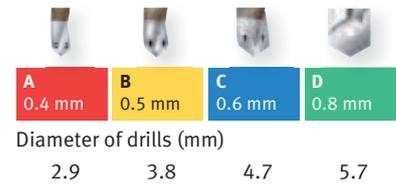
Lengths  
For implants

XS S M L  
■ B ■ B ■ B ■ B

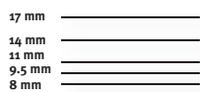
Order no.	3103 7344	3103 7345	3103 7350	3103 7360
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All cutting instruments must be replaced when they are no longer sharp or after damage, and at the latest after no more than 20 uses.

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



Scale 1:1



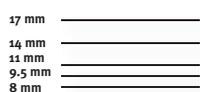
Lengths  
For implants

XS S M L  
■ C ■ C ■ C ■ C

Order no.	3103 7364	3103 7365	3103 7370	3103 7380
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**ANKYLOS® Parallel Drills<sup>6</sup>**

Scale 1:1



Lengths  
For implants

XS S M  
■ D ■ D ■ D

Order no.	3103 3181	3103 3182	3103 3183
-----------	-----------	-----------	-----------

**ANKYLOS® Parallel Drills<sup>6</sup>**

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

# ANKYLOS® | Reamer/Tap

## ANKYLOS® Conical Reamers

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

## ANKYLOS® Conical Reamers



For implants **A8** **A9.5** **A11** **A14** **A17**

Order no. manual	3103 3185	3103 3188	3103 3190	3103 3200	3103 3202
Order no. motor	3103 7185	3103 7188	3103 7190	3103 7200	3103 7202



For implants **B8** **B9.5** **B11** **B14** **B17**

Order no. manual	3103 3205	3103 3208	3103 3210	3103 3220	3103 3230
Order no. motor	3103 7205	3103 7208	3103 7210	3103 7220	3103 7230



For implants **C8** **C9.5** **C11** **C14** **C17**

Order no. manual	3103 3233	3103 3235	3103 3238	3103 3240	3103 3250
------------------	-----------	-----------	-----------	-----------	-----------



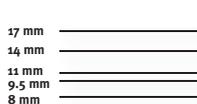
For implants **D8** **D9.5** **D11** **D14**

Order no. manual	3103 3252	3103 3254	3103 3256	3103 3258
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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 contra-angle handpiece (motor, A and B-implants only) or with the ratchet (manual)

## ANKYLOS® Tap



For implants **A** **B** **C** **D**

Order no. manual	3103 3260	3103 3270	3103 3280	3103 3285
Order no. motor	3103 7440	3103 7450		



# ANKYLOS® | Ratchet/Ratchet Inserts

**Surgical Ratchet with Torque Indication**



Scale reduced

**ANKYLOS® Ratchet Spring**

**ANKYLOS® Open-end Wrench C/X**

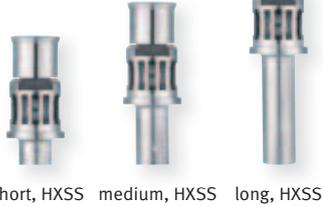


**Surgical Ratchet with Torque Indication**

- 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**  
for conical reamers and taps



short, HXSS    medium, HXSS    long, HXSS

**ANKYLOS® Ratchet Insert for manual instruments**  
for conical reamers and taps



short    medium    long

**ANKYLOS® Ratchet Inserts**

- For use with motor instruments with the hexagonal clamping system (HXSS) in the ratchet

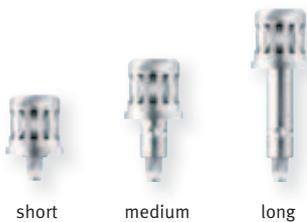
**ANKYLOS® Ratchet Inserts**

- For use with the manually driven instruments in the ratchet

Order no.	3103 7510	3103 7511	3103 7512	3103 3070	3103 3080	3103 3090
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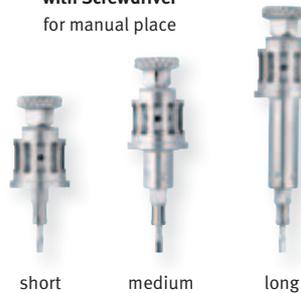
**ANKYLOS® Seating Instrument for C/X Implants**  
for manual place

Scale 1:1



short    medium    long

**ANKYLOS® Implant Driver C/X with Screwdriver**  
for manual place



short    medium    long

**ANKYLOS® Implant Drivers**

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

**ANKYLOS® Implant Driver C/X with Screwdriver**

- Implant placement and loosening of the placement head without changing the instrument

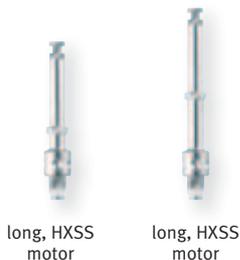
Order no.	3103 7531	3103 7532	3103 7533	3103 7551	3103 7552	3103 7553
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**ANKYLOS® Handle for Ratchet Insert**

Scale 1:1



**ANKYLOS® Seating Instrument for C/X Implants**



long, HXSS motor    long, HXSS motor

**ANKYLOS® Insertion Handle for C/X Implants, extra long**



Scale reduced

**ANKYLOS® Handle for Instruments, XL**



**ANKYLOS® Handle for Ratchet Insert**

- For holding ratchet inserts instead of the ratchet

Order no.	3103 3040	3103 7541	3103 7543	3103 7539	3103 3095
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# ANKYLOS® | 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® 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 Sleeve for drills (Sleeve-on-Drill™ System)

## ANKYLOS® Sleeves for Twist Drill and Tri-Spade-Drills

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

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

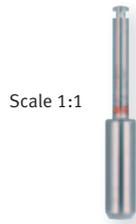
### INSTRUMENTS

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

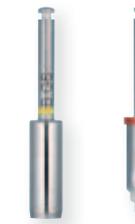
### Please note:

Instruments named “GS” are only for use with ExpertEase™ Guided Surgery procedures.

## ANKYLOS® Rotary Tissue Punch GS



■ A-implants



■ B-implants



■ A-implants



■ 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
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## ANKYLOS® Tri-Spade-Drill GS



■ 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
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## Sleeve for ANKYLOS® Drill GS

## Sleeve for ANKYLOS® Tri-Spade-Drill GS

Sleeve narrow GS Set

Sleeve wide GS Set

Sleeve narrow for Twist Drill GS (10 pieces)

Sleeve wide for Twist Drill GS (10 pieces)

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

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

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



implant lengths

■ A-implants

■ B-implants

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

**ANKYLOS® Conical Reamer GS**

Scale 1:1



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

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

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

**ANKYLOS® Tap GS**

Scale 1:1



- A 8
- A 9.5
- A 11
- A 14
- B 8
- B 9.5
- B 11
- B 14

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

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

**Please note:**

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

**ANKYLOS® Implant Drivers for Guided Surgery (GS)**

Scale 1:1



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

Order no.	3103 7690	3103 7692	3103 7691	3103 7693	3103 7706	3103 7726	3103 7721	3103 7722
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**ANKYLOS® Sleeve for Implant Driver GS (spare part)**



- for Impl. A
- for Impl. B

**ANKYLOS® Stabilization Abutment GS**



- for Impl. A
- for Impl. B

**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 ExpertEase™ surgical guide during preparation of multiple implant sites

**ANKYLOS® Positioning aid**

Scale 1:1



- for implants A
- for implants B

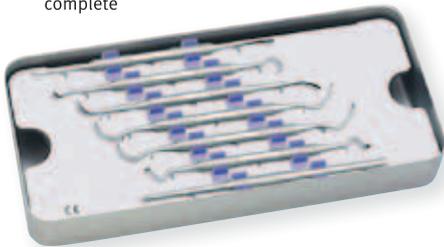
Order no.	3104 5801	3104 5802
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# ANKYLOS® | Surgical instruments Sinus floor elevation

## 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

## Sinus Lift Elevators

Elevator 01

Elevator 02

Elevator 03

Membrane-Elevator  
small

Scale reduced



Order no. 3103 4510 3103 4520 3103 4530 3103 4540

Membrane-Elevator  
large

Membrane-Elevator  
small,  
double curved

Dental Chisel

Surgical Hammer  
for Sinus Lift

Scale reduced



Order no. 3103 4550 3103 4560 3103 4570 3103 4580

# ANKYLOS® | Surgical instruments BoneExpander

## ANKYLOS® BoneExpander

Size 01

Size 02

Size 03

Size 04

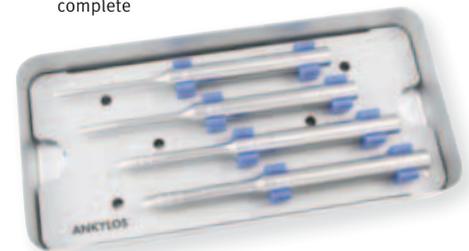
Scale reduced



### 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
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Order no.	3103 6300
-----------	-----------

Position Marker

Pilot BoneCondenser

BoneCondenser for A-implants

BoneCondenser for B-implants

BoneCondenser for C-implants

Scale reduced



### 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
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### ANKYLOS® Surgery Tray BoneCondenser, bayonet complete

Order no.	3103 6325
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Order no. straight	3103 4350	3103 4360	3103 4370	3103 4380	3103 4390
Order no. bayonet	3103 4352	3103 4362	3103 4372	3103 4382	3103 4392

# ANKYLOS® | 2nd Stage Surgery

## Uncovery Surgery Tray



Order no. 3103 6100

## Single Instruments

Uncovery  
Instrument  
1 Raspatory

Uncovery  
Instrument  
2 Probe

Uncovery  
Instrument  
3 Curette, small

Uncovery  
Instrument  
4 Curette, large



Scale reduced

Order no. 3103 4110

Order no. 3103 4120

Order no. 3103 4130

Order no. 3103 4140

# ANKYLOS® Accessories FRIOS® Unit S/i

## ANKYLOS® Unscrew Instrument for Cover Screws<sup>5</sup>



short



long

Order no.	3103 3434	3103 3435	3103 3410	3103 3415
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## ANKYLOS® Handle for Screwdriver<sup>6</sup>



Standard  
Ø 7 mm



Standard  
Ø 12 mm

### ANKYLOS® removal instrument for cover screws

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

## ATP Punch



## Sleeve for ATP Punch



Order no.	3103 4090	3103 4091
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### ATP Punch

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

## FRIOS® Unit S/i

Included: FRIOS® Unit S/i with surgical motor (cable length 1.8 m), instrument tray, stand, ON/OFF foot control, mains supply, hose fittings, sterile hose protector, set of hose rings (5 items), locking pin for surgical motor



Order no.	90 – 6600
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### FRIOS® Unit S/i

- Simple operating concept specially designed for implant surgery
- Powerful, quiet running surgical motor
- User-oriented program sequence with thread-tapping function actuated by pushbutton

For a detailed overview of the accessories available for the FRIOS® Unit S/i, all FRIOS® handpieces and contra-angle handpieces and the articles of our FRIOS® product range for augmentation see the FRIOS® catalog.

## ANKYLOS® Surgical Kits



For the Sleeve-on-Drill™ Sleeves required for implant site preparation with ExpertEase™ please see page 11.

Order no.	Article
3103 6521	<b>ANKYLOS® Surgical Kit</b> ■ ■ motor AB  All instruments required for placement of ANKYLOS® C/X A- and B- implants
3103 6511	<b>ANKYLOS® Surgical Kit</b> ■ ■ manual AB  All instruments required for placement of ANKYLOS® C/X A- und B- implants
3103 6501	<b>ANKYLOS® Surgical Kit</b> ■ ■ ■ manual ABC  All instruments required for placement of ANKYLOS® C/X A-, B- and C- implants
3103 6530	<b>ANKYLOS® Surgical Kit ExpertEase™ (Guided Surgery)</b> ■ ■ motor AB  Additional instruments required for template-guided placement of ANKYLOS® C/X A- and B-implants, lengths L 8 – L 14
	<b>ANKYLOS® Drill Module</b>
3103 6573	■ motor A
3103 6574	■ motor B
3103 6561	■ manual A
3103 6562	■ manual B
3103 6563	■ manual C
3103 6564	■ manual D
3103 6583	GS 2.0 (Guided Surgery)
3103 6584	■ GS A (Guided Surgery)
3103 6585	■ GS B (Guided Surgery)
3103 6582	<b>ANKYLOS® Tool Module GS</b> (Guided Surgery)
3103 6580	<b>ANKYLOS® Module Tray Insert</b>
	<b>ANKYLOS® Surgical Kit Tray (empty)</b>
3103 6542	■ ■ motor AB
3103 6540	■ ■ ■ manual ABC
3103 6531	■ ■ ExpertEase™



## Guided Surgery with ExpertEase™



For ANKYLOS® instruments for Guided Surgery with ExpertEase™ please see pages 10/11 of this catalog.

Digital treatment planning based on three-dimensional imaging procedures enables the therapy to be planned with absolute accuracy and makes the result of the treatment exactly predictable. ExpertEase™ from DENTSPLY Friadent offers a complete solution for digital treatment planning and template-guided implant placement based on the Simplant® software from Materialise, which is used all over the world.

ExpertEase™ system components:

- ExpertEase™ Software
- ExpertEase™ Drill Guides
- ExpertEase™ Instruments

# ANKYLOS® | Surgical Kit

## The new 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® Twist Drill**  
2 mm with internal cooling  
Order no. 3103 3022

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

**ANKYLOS® Handle for Ratchet Insert**  
Order no. 3103 3040

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

**ANKYLOS® Ratchet**  
Order no. 3103 3030

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

**ANKYLOS® Ratchet Insert for Instruments**  
short Order no. 3103 3070

 medium Order no. 3103 3080

 long Order no. 3103 3090

and 2 spare slots

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

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

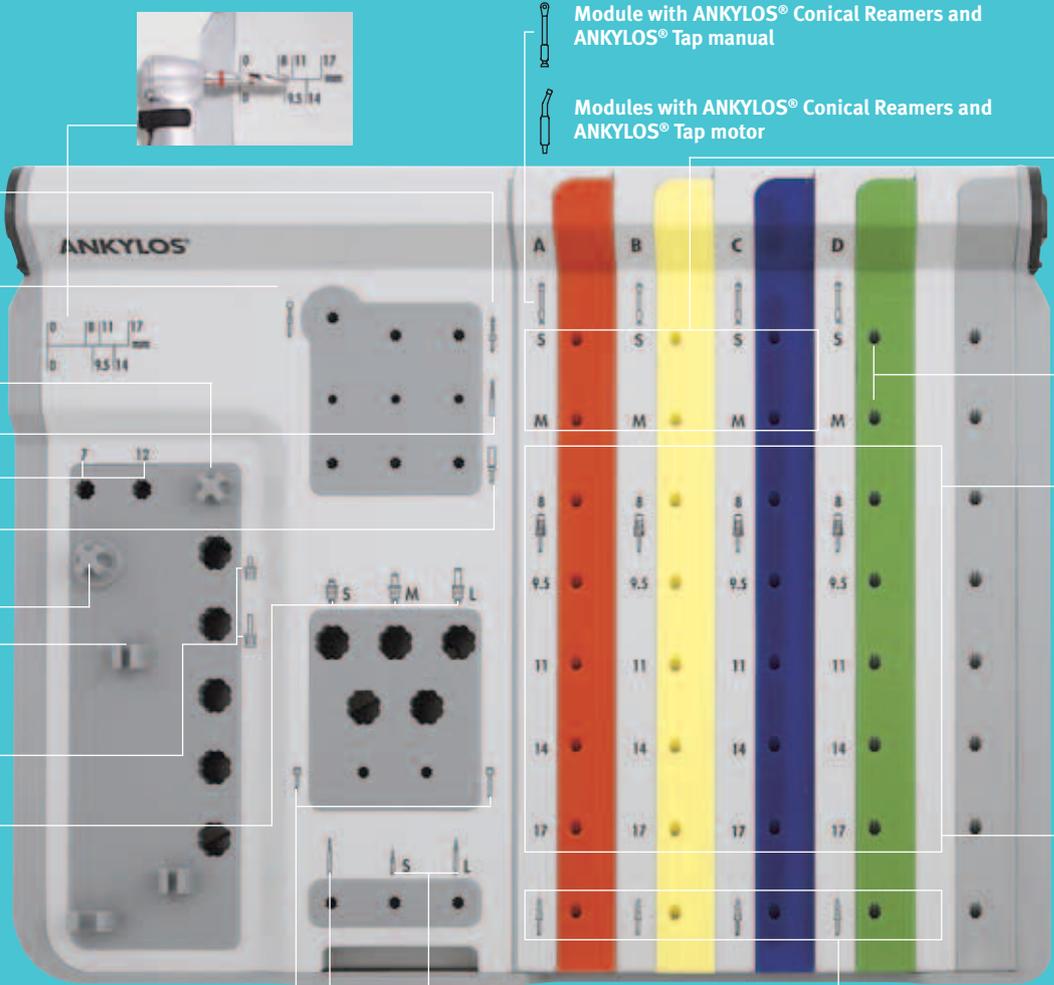
 **ANKYLOS® Extension Instrument HXSS\***  
Order no. 3103 7408 and 2 spare slots

 **ANKYLOS® Ratchet Insert Instrument for C/X Implants**  
short Order no. 3103 7531

 medium Order no. 3103 7532

 long Order no. 3103 7533

and 2 spare slots



Module with ANKYLOS® Conical Reamers and ANKYLOS® Tap manual

Modules with ANKYLOS® Conical Reamers and ANKYLOS® Tap motor

**ANKYLOS® Tri-Spade Drill**

- A / S Order no. 3103 7325
- B / S Order no. 3103 7345
- C / S Order no. 3103 7365 \*\*
- A / M Order no. 3103 7330
- B / M Order no. 3103 7350
- C / M Order no. 3103 7370 \*\*

**ANKYLOS® Parallel Drill for D-Implants \*\*\***

- S Order no. 3103 3182 \*\*\*
- M Order no. 3103 3183 \*\*\*

**ANKYLOS® Conical Reamer manual**

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

**ANKYLOS® Conical Reamer motor \***

- A 8 Order no. 3103 7185 \*
- A 9.5 Order no. 3103 7188 \*
- A 11 Order no. 3103 7190 \*
- A 14 Order no. 3103 7200 \*
- A 17 Order no. 3103 7202 \*\*\*
- B 8 Order no. 3103 7205 \*
- B 9.5 Order no. 3103 7208 \*
- B 11 Order no. 3103 7210 \*
- B 14 Order no. 3103 7220 \*
- B 17 Order no. 3103 7230 \*\*\*

**ANKYLOS® Tap manual**

- A Order no. 3103 3260
- B Order no. 3103 3270
- C Order no. 3103 3280 \*\*
- D Order no. 3103 3285 \*\*\*

**ANKYLOS® Tap motor HXSS \***

- A Order no. 3103 7440 \*
- B Order no. 3103 7450 \*

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

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

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

**ANKYLOS® Unscrew Instrument for Cover Screws**  
S Order no. 3103 3434  
L Order no. 3103 3435

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

All Instruments without asterisks are part of the ANKYLOS® Chirurgie Kit manual, AB

\* Only ANKYLOS® Surgical Kit motor, AB Instruments  
\*\* Only ANKYLOS® Surgical Kit ABC  
\*\*\* slot for optional instruments

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

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

# ANKYLOS® | C/X

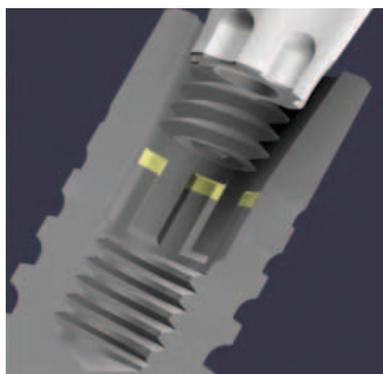
FLEXIBLE – WITH THE OPTION FOR INDEXING

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

■ Indexed components for easy and distinct placement of abutments in six possible positions

■ Non-indexed components for free positioning of abutments

■ Conical TissueCare Connection for optimal stability and anti-rotational lock with all implant versions



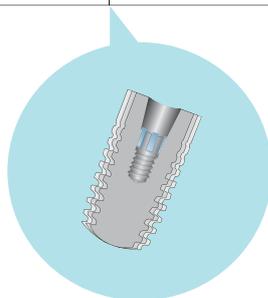
C/



/X



Only ANKYLOS® C/X leaves the choice to you: Use the index as orientation aid where ever it makes the prosthetic protocol easier. Use the conical connection geometry when it is desired within prosthetic protocol, e.g. the ANKYLOS® SynCone® protocol. Both procedures provide the possibility of free combination, i.e. each abutment fits into each implant.



# ANKYLOS® | Construction Principles of Abutments

## Gingiva former

Most gingiva formers are one-piece and will be inserted with the 1mm hex screw driver into the implant.

The Balance Anterior C/ sulcusformer is two-piece with separate screw to allow for customization and fixation in the desired position. Use 1mm hex screw driver to fasten the screw.

## Temporary abutments

The temporary abutments Balance C/ are made from zirconia reinforced PEEK and are two-piece with separate screw (1 mm Hex).

## Transfer abutments

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

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

Transfer abutments /X always have the integrated fastening screw.

## Prosthetic abutments

Many of the prosthetic abutments (e.g. Regular Abutments) have the integrated fastening screw. The fastening screw is mobile but not removable. Abutments with the integrated fastening screw abutments are always fastened with the 1 mm hex screw driver into the implant.

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



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

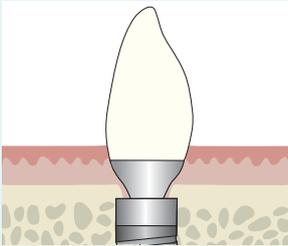
- Components marked with “C/” only use the cone for the connection and are not indexed. This means that the abutment components can be positioned as desired and are completely friction locked by the cone to prevent rotation.
- Components marked with “/X” are indexed. The index is used to position the abutments in the implants in one of six possible positions. In this case also the cone guarantees 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, temporary abutments Balance, sulcus formers Balance Anterior and SynCone® abutments.

# ANKYLOS® | Prosthetic /X (with Taper Connection and Index)

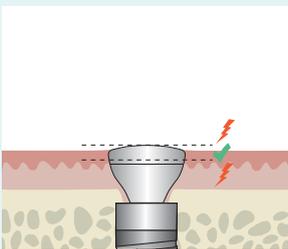
## SOFT TISSUE MANAGEMENT AND ABUTMENT ASSEMBLY



■ 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.

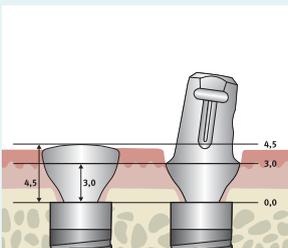
■ That is why some special characteristics have to be considered for soft tissue contouring and the final choice of the abutment.



■ The diagram 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 gingiva former should be selected.

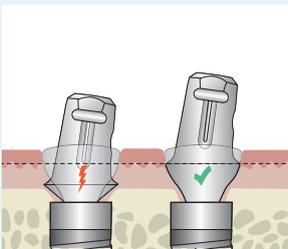


■ The gingiva former and final abutment should be selected so that they correspond in prosthetic range and gingival height.

■ The description of the height of the gingiva former such as that shown above (GH 3.0) only refers to the region from the

interface level to the edge of the crown.

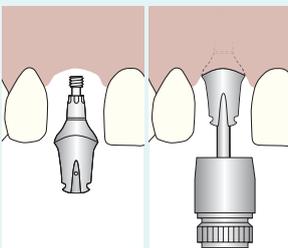
■ The entire gingiva former is always approximately 1.5 mm higher than the nominal height, viewed from the interface level (here: overall height 4.5 mm), in order also to shape the first part of the crown profile.



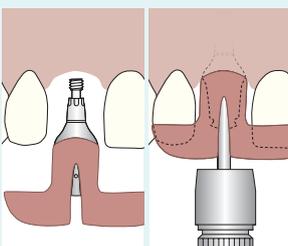
If the soft tissue passage formed is smaller than the profile of the abutment used, this may result in an avoidable compression of the gingiva. This effect occurs when:

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 gingivaformer used (e.g. different prosthetic range)



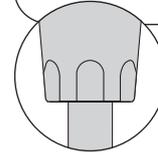
When transferring the taper connection including the index orientation it is possible to mount the abutment into the implant without a transfer key.



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



## Impressions with Index



### ANKYLOS® /X Transfer Post<sup>6</sup> (PickUp Technique) with screw extension<sup>24</sup>

Scale 1.5:1



short



long

Order no.	3104 7040	3104 7042	3104 7048
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### ANKYLOS® PickUp Screw Extension (5 pieces) spare part



#### ANKYLOS® /X Transfer Post

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

### ANKYLOS® Regular C/X Transfer Post<sup>6</sup> (Repositioning Technique)

Scale 1.5:1



short



long

Order no.	3104 7044	3104 7046
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#### ANKYLOS® Regular C/X Transfer Post (Repositioning Technique)

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

#### INSTRUMENTS

**Placing all Transfer Copings:**  
Screwdriver 1.0 mm hex

### ANKYLOS® Regular C/X Implant Analog<sup>6</sup> A

Scale 1.5:1



Order no	3104 7011
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#### ANKYLOS® C/X Implant Analog

- For fixing the prosthetic components in the master cast

# ANKYLOS® | Regular /X

## 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 1.5:1



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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## 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

## 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

Scale 1.5:1



Angulation

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 1.5:1



Angulation

A 0

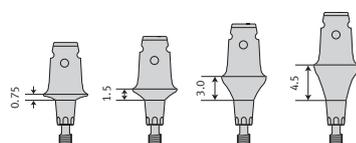
A 7.5

A 15

A 22.5

Order no.	3104 7110	3104 7111	3104 7112	3104 7113
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Gingiva heights ANKYLOS® Regular C/  
or Regular /X Abutment



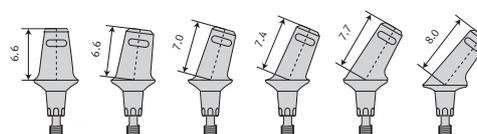
GH 0.75

GH 1.5

GH 3.0

GH 4.5

Angulations and head heights Regular C/ or /X Abutment



0°

7.5°

15°

22.5°

30°

37.5°





**ANKYLOS® Regular /X Abutment<sup>4</sup>**  
Sulcus Height 0.75



Scale 1.5:1

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

Sulcus Height 1.5



Scale 1.5:1

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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**INSTRUMENTS**

**Placing ANKYLOS® Regular /X Abutments:**

Screwdriver 1.0 mm hex,  
recommended torque 15 Ncm

**Fixing the Prosthetics with the Lateral Retaining Screw (only A 30 and 37.5):**

Screwdriver 1.0 mm hex  
recommended torque 10 Ncm

Sulcus Height 3.0



Scale 1.5:1

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>

**ANKYLOS® Horizontal Screw Seat for Fixation**  
Screw M 1,4<sup>1,4</sup>



3105 6301

3105 6304

Sulcus Height 4.5



Scale 1.5:1

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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# ANKYLOS® | Balance Anterior /X

## ANKYLOS® Balance C/ Sulcus Former

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

### INSTRUMENTS

**Placing Sulcus Former:**  
Screwdriver 1.0 mm hex

## ANKYLOS® Balance C/ Sulcus Former<sup>4</sup>

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



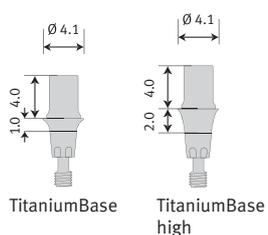
Scale 1.5:1

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

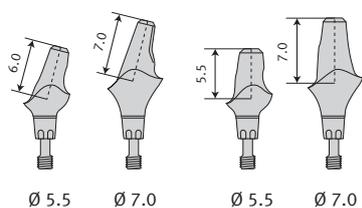
### TRANSFER ON IMPLANT LEVEL:

Transfer Post /X

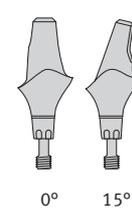
### Diameters and head heights



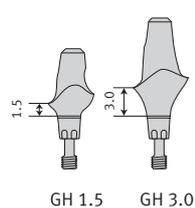
### Diameters and head heights



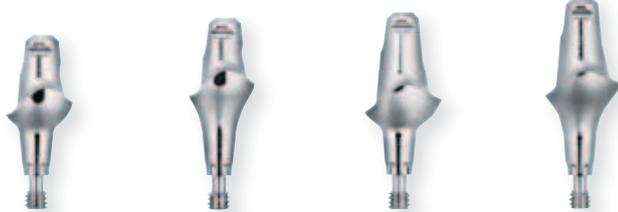
### Angulations



### Gingival heights



**ANKYLOS® Balance Anterior /X Abutment<sup>4</sup>**



Scale 1.5:1

Article	small / 1.5 / straight Ø 5.5 / H 6.5	small / 3.0 / straight Ø 5.5 / H 6.5	large / 1.5 / straight Ø 7 / H 7.5	large / 3.0 / straight Ø 7 / H 7.5
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Order no.	3102 2710	3102 2715	3102 2750	3102 2755
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**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**



Scale 1.5:1

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
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Order no.	3102 2730	3102 2735	3102 2770	3102 2775
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**ANKYLOS® TitaniumBase<sup>4</sup>**



Scale 1.5:1

Article	/ X	/ X high	/ X	/ X high
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Order no.	3102 2646	3102 2656	3102 2648	3102 2658
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**ANKYLOS® ScanBase<sup>24</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

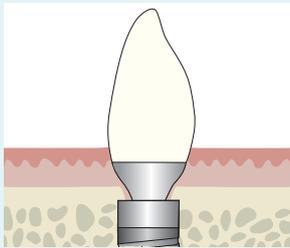
**ATLANTIS™ Abutments for ANKYLOS®**



ATLANTIS™ CAD/CAM – Abutments with index  
 ATLANTIS™ abutment is uniquely designed for a more natural esthetic result using ATLANTIS VAD™ (Virtual Abutment Design) software and is manufactured using state-of-the-art milling process. ATLANTIS™ abutments are available in titanium, gold-shaded titanium and zirconia.

# ANKYLOS® | Prosthetics C/ (Taper Connection without Index)

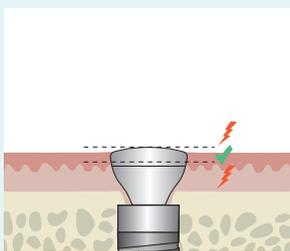
## SOFT TISSUE MANAGEMENT AND ABUTMENT ASSEMBLY



■ 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.

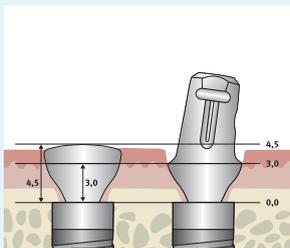
■ That is why some special characteristics have to be considered for soft tissue contouring and the final choice of the abutment.



■ The diagram 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 gingiva former should be selected.

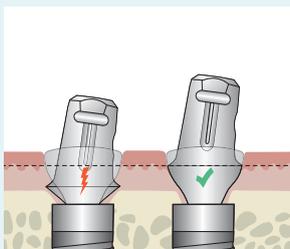


■ The gingiva former and final abutment should be selected so that they correspond in prosthetic range and gingival height.

■ The description of the height of the gingiva former such as that shown above (GH 3.0) only refers to the region from the

interface level to the edge of the crown.

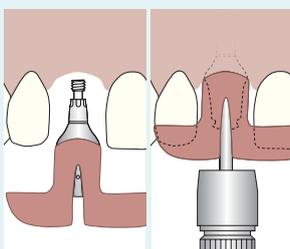
■ The entire gingiva former is always approximately 1.5 mm higher than the nominal height, viewed from the interface level (here: overall height 4.5 mm), in order also to shape the first part of the crown profile.



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:

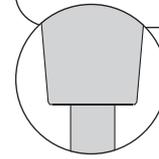
1. the gingiva former is markedly higher than the gingival level and the abutment used later on.

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 gingivaformer used (e.g. different prosthetic range).



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

## Impressions without Index



### ANKYLOS® Balance C/ Transfer Post<sup>6</sup>

### ANKYLOS® Balance C/ Transfer Screw<sup>6</sup>

Scale 1.5:1



short



long



short



long

Order no.	3104 5410	3104 5412	3104 5400	3104 5402
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#### ANKYLOS® Balance C/ Transfer Post

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

### ANKYLOS® Balance C/ Repositioning Post<sup>6</sup>

### ANKYLOS® Balance C/ Repositioning Post narrow<sup>6</sup>

Scale 1.5:1



Order no.	3104 5415	3104 5416
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#### ANKYLOS® Balance C/ Repositioning Post

- The option for procedures with closed tray

#### INSTRUMENTS

#### Screwing in Transfer Screws and Repositioning Posts:

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

### ANKYLOS® Balance C/ Implant Analog A

Scale 1.5:1



Order no.	3104 5270
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# ANKYLOS® | Regular C/

## 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 1.5:1



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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## 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

## 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

Scale 1.5:1



Angulation

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 1.5:1



Angulation

A 0

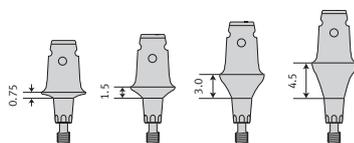
A 7.5

A 15

A 22.5

Order no.	3104 7110	3104 7111	3104 7112	3104 7113
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Gingiva heights ANKYLOS® Regular C/ or Regular /X Abutment



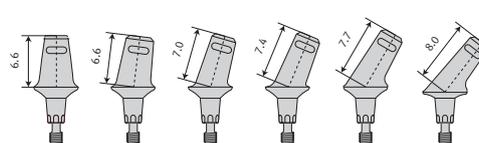
GH 0.75

GH 1.5

GH 3.0

GH 4.5

Angulations and head heights Regular C/ or /X Abutment



0°

7.5°

15°

22.5°

30°

37.5°

**ANKYLOS® Regular C/ Abutment<sup>4</sup>**  
Sulcus Height 0.75



Scale 1.5:1

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

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

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

Sulcus Height 1.5



Scale 1.5:1

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
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**INSTRUMENTS**

**Placing ANKYLOS® Regular C/Abutments:**

Screwdriver 1.0 mm hex,  
recommended torque 15 Ncm

**Fixing the Prosthetics with the Lateral Retaining Screw (only A 30 and 37.5):**

Screwdriver 1.0 mm hex  
recommended torque 10 Ncm

Sulcus Height 3.0



Scale 1.5:1

Angulation      A 0            A 7.5            A 15            A 22.5

Order no.	3102 4170	3102 4171	3102 4172	3102 4173
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**ANKYLOS® Fixation Screw**      **ANKYLOS® Horizontal Screw Seat for Fixation**  
Lateral Hexagon M 1.4<sup>4</sup>      Screw M 1.4<sup>1,4</sup>



3105 6301

3105 6304

Sulcus Height 4.5



Scale 1.5:1

Angulation      A 0            A 7.5            A 15            A 22.5

Order no.	3102 4180	3102 4181	3102 4182	3102 4183
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# ANKYLOS® | Balance Posterior C/

## ANKYLOS® Balance Posterior C/ Sulcus Former<sup>4</sup>



Scale 1.5:1

GH 0.75

GH 1.5

GH 3.0

GH 4.5

Order no.

3102 1528

3102 1530

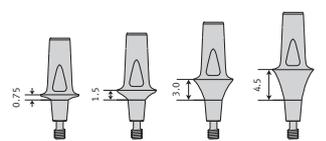
3102 1535

3102 1540

### TRANSFER ON IMPLANT LEVEL:

Transfer Post Balance C/

### Gingiva heights ANKYLOS® Posterior C/



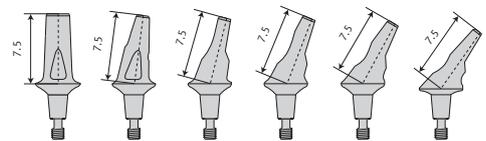
GH 0.75

GH 1.5

GH 3.0

GH 4.5

### Angulations and head heights Posterior C/



0°

7.5°

15°

22.5°

30°

37.5°



**ANKYLOS® Balance Posterior C/ Abutment<sup>4</sup>**  
Sulcus Height 0.75



Scale 1.5:1

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**

Sulcus Height 1.5



Scale 1.5:1

Angulation    straight    7.5°    15°    22.5°    30°

Order no.	3102 1630	3102 1649	3102 1650	3102 1653	3102 1655
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Sulcus Height 3.0



Scale 1.5:1

Angulation    straight    15°

Order no.	3102 1640		3102 1660
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Sulcus Height 4.5



Scale 1.5:1

Angulation    straight    15°

Order no.	3102 1645		3102 1665
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**ANKYLOS® Retaining Screw**  
Lateral Hexagon M 1 x 0.2<sup>6</sup>



3102 6051
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**INSTRUMENTS**

**Placing ANKYLOS® Balance C/ Abutments:**

Screwdriver 1.0 mm hex, recommended torque 15 Ncm

**Fixing the prosthetics with the Lateral Retaining Screw:**

Screwdriver 1.0 mm hex, recommended torque 10 Ncm

# ANKYLOS® | Balance Anterior C/

## ANKYLOS® Balance C/ Sulcus Former

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

### INSTRUMENTS

#### Placing Sulcus Former:

Screwdriver 1.0 mm hex

## ANKYLOS® Balance C/ Sulcus Former<sup>4</sup>

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

Scale 1.5:1

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

## ANKYLOS® Balance C/ Temporary Abutment Balance

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

Please note that the maximum wearing time is 6 months.

### TRANSFER ON IMPLANT LEVEL:

Transfer Post C/

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



Scale 1.5:1

Article	small / 1.5/ straight Ø 5.5 / H 6.5	small / 3.0/ straight Ø 5.5 / H 6.5	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

## 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



Scale 1.5:1

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® ScanBase

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

## ANKYLOS® TitaniumBase<sup>4</sup>

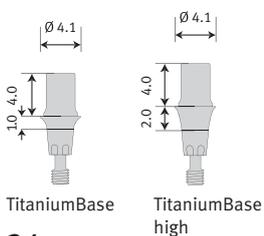
## ANKYLOS® ScanBase<sup>24</sup>



Scale 1.5:1

Article	/ C	/ C high	/ C	/ C high
Order no.	3102 2642	3102 2652	3102 2644	3102 2654

### Diameters and head heights



### ANKYLOS® Balance Anterior C/ Abutment<sup>4</sup>



Scale 1.5:1

Article      small / 1.5/  
straight      small / 3.0/  
Ø 5.5 / H 6.5      Ø 5.5 / H 6.5      large / 1.5/  
straight      large / 3.0/  
Ø 7 / H 7.5      Ø 7 / H 7.5

Order no.	3102 1550	3102 1560	3102 1570	3102 1580
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Scale 1.5:1

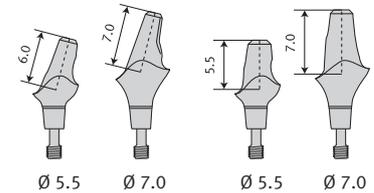
Article      small / 1.5/  
15°      small / 3.0/  
Ø 5.5 / H 6.5      Ø 5.5 / H 6.5      large / 1.5/  
15°      large / 3.0/  
Ø 7 / H 7.5      Ø 7 / H 7.5

Order no.	3102 1590	3102 1600	3102 1610	3102 1620
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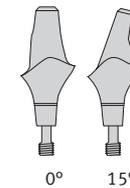
### ANKYLOS® Balance Anterior C/ Abutment

- 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

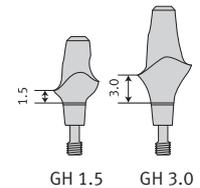
#### Diameters and head heights



#### Angulations



#### Gingival heights



### ANKYLOS® CERCON® Balance C/ Abutment<sup>32/4</sup>



Scale 1.5:1

Article      small / 1.5/  
straight      small / 3.0/  
Ø 5.5 / H 6.5      Ø 5.5 / H 6.5      large / 1.5/  
straight      large / 3.0/  
Ø 7 / H 7.5      Ø 7 / H 7.5

Order no.	neutral 3102 3010	3102 3015	3102 3050	3102 3055
	dentine 3102 3310	3102 3315	3102 3350	3102 3355



Scale 1.5:1

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

Order no.	neutral 3102 3030	3102 3035	3102 3070	3102 3075
	dentine 3102 3330	3102 3335	3102 3370	3102 3375

### 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 white, neutral and dentine
- Superior esthetics with brilliant light dynamics
- **Tapered connection geometry for infinitely variable positioning**

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

# ANKYLOS® | Balance Base Abutment, SmartFix™ Concept

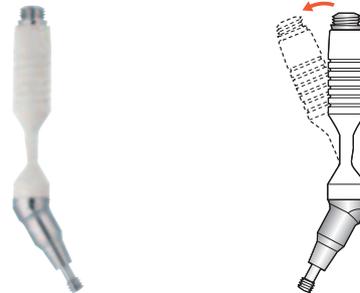
## ANKYLOS® Gingiva Former C/ D 4.2<sup>4</sup>



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

### Secure handling

The abutment components are pre-mounted 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.



### 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 (as spare part)

Scale 1.5:1



Order no.	3102 2570
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### 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 1.5:1



Order no.	3104 5332
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### 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 occlusal fixation screw 3105 6025

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

Scale 1.5:1



Order no.	3105 6216
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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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**ANKYLOS® Balance Base Abutment C/ narrow<sup>4</sup>**  
Sulcus Height 0.75



Scale 1.5:1

Angulation

A 0

Order no. 3102 2520

Sulcus Height 1.5



Scale 1.5:1

Angulation

A 0

Order no. 3102 2530

Sulcus Height 3.0



Scale 1.5:1

Angulation

A 0

A 15

A 30

Order no. 3102 2540

3102 2542

3102 2546

Sulcus Height 4.5



Scale 1.5:1

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 1.5:1



short  
(anodized blue)

long  
(flush with coping)

extra long  
(extends coping by 5 mm)

Order no. 3105 6022

3105 6024

3105 6025

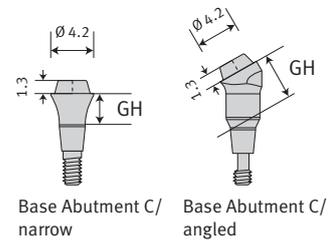
**ANKYLOS® Balance Base Abutment C/ narrow**

- For fixing 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 superstructures.
- Single-tooth restorations are contraindicated.

Diameters / head- / gingival heights



Base Abutment C/  
narrow

Base Abutment C/  
angled

**INSTRUMENTS**

**Screwing in ANKYLOS® Balance Base Abutment C/:**

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

**Screwing in Occlusal Fixation / Retaining Screw:**

Screwdriver 1.0 mm hex, recommended torque 10 Ncm

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

# ANKYLOS® | SynCone® C/

## 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 1.5:1	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

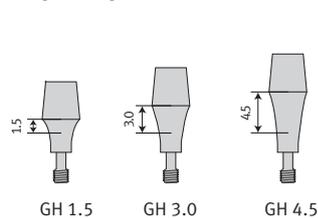
## ON HEALED IMPLANTS IMPRESSION IS TAKEN ON IMPLANT LEVEL:

Transfer abutment Balance C/

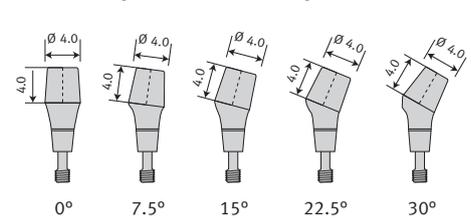
## WHEN A LONG-TERM TEMPORIZATION IS CHANGED TO THE DEFINITIVE RESTORATION THE TRANSFER HAPPENS OF ABUTMENT LEVEL:

SynCone® taper cap with retention used as transfer cap

## Gingival heights



## Diameter, angulations and head heights



**ANKYLOS® SynCone® C/ Abutment<sup>4</sup>**  
 Sulcus Height 1.5



Scale 1.5:1

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
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Sulcus Height 3.0



Scale 1.5:1

Angulation



A 0      A 7.5      A 15      A 22.5      A 30

Order no.	3102 2120	3102 2122	3102 2124	3102 2126	3102 2128
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Sulcus Height 4.5



Scale 1.5:1

Angulation



A 0      A 7.5      A 15      A 22.5      A 30

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

**ANKYLOS® Taper Cap Degulor®**  
 for SynCone® 5° Abutment straight 5°<sup>13</sup>

**ANKYLOS® Drilling Sleeve for SynCone®<sup>4</sup>**  
 (titanium)

Scale 1.5:1



with retention



without retention



Order no.	3105 6280	3102 2198	3102 2199	3104 5490
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**ANKYLOS® Parallel Gauge for SynCone®<sup>4</sup>**

Scale 1.5:1



**ANKYLOS® Polymerization Sleeve for SynCone®<sup>26</sup>**



**ANKYLOS® Titanium Cap for SynCone®<sup>3</sup>**



Order no.	3103 3611	3102 1405	3102 2197
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**ANKYLOS® SynCone® C/ Abutment**

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

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

**ANKYLOS® Taper Cap Degulor® for SynCone® C/**

- For abutments with 5° taper head also available 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®

# ANKYLOS® | Snap Attachment C/, Abutment w/o Gingival height

## ANKYLOS® Abutment with Snap Attachment C/

- Overdentures in the edentulous mandible on two implants
- Fabrication of the restoration chairside or in the laboratory

## ANKYLOS® Abutment with Snap Attachment C/⁴



Scale 1.5:1



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 Attachment:

Torque Insert for Snap Attachment, recommended torque 25 Ncm

### Activation/Deactivation of Matrix of Snap Attachment:

Activation/Deactivation Instrument for Matrix for Snap Attachment

## ANKYLOS® Matrix for Snap Attachment¹⁴

## ANKYLOS® Silicone Ring (Spare part)

## ANKYLOS® Laboratory Analog⁶ for Abutment with Snap Attachment

Scale 1.5:1



Order no.	3102 1312	3102 1313	3104 5220
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## Prosthetic Restorations with Extremely Thin Gingiva

## ANKYLOS® Components with gingiva height zero

- For restoring cases with primarily extremely thin alveolar mucosa

## ANKYLOS® Sulcus Former 0.0⁴

## ANKYLOS® Central Screw Hex

Scale 1.5:1



■ 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 ⁴

## ANKYLOS® Regular C/X Implant Analog⁶

Scale 1.5:1



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® LOCATOR® Abutment C/<sup>40</sup>



Scale 1.5:1      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®

- 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 under 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 1.5:1



clear, strong      pink, light      blue, extra light      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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### INSTRUMENTS

#### Placement of LOCATOR® Abutment:

LOCATOR® Core Tool, 3-piece or ANKYLOS® Insert for Prosthetic Ratchet for LOCATOR®.

## LOCATOR® Impression Coping<sup>42</sup> (4 pieces)

Scale 1.5:1



## LOCATOR® Male Processing Package (Contents: 2 piece each)



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

## LOCATOR® Female Analog<sup>44</sup> (4 pieces) D 4



Order no.	45 - 3355	45 - 3347	45 - 3348	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 1.5:1



## LOCATOR® Block-Out Spacer<sup>47</sup> (20 pieces)



## LOCATOR® Processing Spacer<sup>48</sup> (4 pieces)



## LOCATOR® Abutment Holder Sleeve<sup>50</sup> (4 pieces)



Order no.	45 - 3358	45 - 3359	45 - 3361	45 - 3341
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## LOCATOR® Core Tool<sup>49</sup> 3-piece

Scale reduced



## ANKYLOS® Insert for Prosthetic Ratchet<sup>6</sup> for LOCATOR®



## LOCATOR® Angle Measurement Guide<sup>51</sup>



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



Order no.	45 - 3340	3103 3635	45 - 3345	45 - 3346
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# ANKYLOS® | Standard C/

## 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

For simple and economical reconstruction of edentulous spans and free-end edentulism with single-tooth crowns and bridges.

ANKYLOS® Standard C/ prosthetic abutments are available only with tapered connection geometry without index.

## INSTRUMENTS

### Placing Sulcus Former or Gingiva Former:

Screwdriver 1.0 mm hex

### ANKYLOS® Standard C/ Sulcus Former<sup>4</sup>

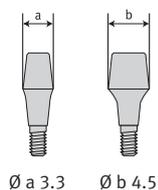
Scale 1,5:1



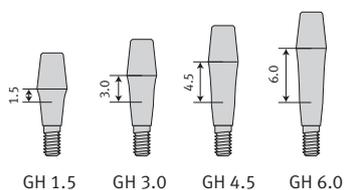
Article	a / 1.5 compact	a / 3.0 compact	a / 4.5 compact	a / 6.0 compact	b / 1.5 compact	b / 3.0 compact
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Order no.	3102 1011	3102 1021	3102 1026	3102 1028	3102 1031	3102 1041
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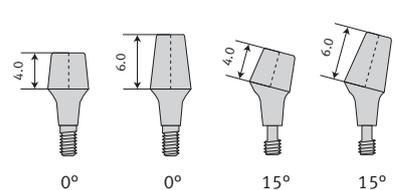
### Diameter



### Gingival heights



### Angulations and head heights



## ANKYLOS® Standard C/ Abutment<sup>4</sup>

### 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 superstructure in place.



Scale 1,5:1

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

Order no.	3102 1050	3102 1060	3102 1070	3102 1076	3102 1078	3102 1080
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Scale 1,5:1

Article b / 1.5 / 4.0 b / 1.5 / 6.0 a / 3.0 / 4.0 a / 3.0 / 0.0

Order no.	3102 1090	3102 1100	3102 1110	3102 1120
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### Preangled abutments

15° standard abutments are fixed in the correct position with a positioning key for preangled abutments and tightened by applying 1.5 Ncm to the straining screw. Screwdriver: 1.0 mm hexagon. The superstructures are retained by the M1 X 0.2 lateral thread.



Scale 1,5:1

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

Order no.	3102 1130	3102 1140	3102 1150	3102 1160
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Scale 1,5:1

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

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

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

### INSTRUMENTS

#### Placing ANKYLOS® Standard C/ Abutment straight:

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

#### Placing ANKYLOS® Standard C/ Abutment 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

#### Fixing Bars with the Screw for Gold Coping:

Screwdriver 1.6 mm blade, recommended torque 10 Ncm

# Standard C/

## ANKYLOS® Standard TransferCap

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

## ANKYLOS® Standard TransferCap<sup>27</sup>

Scale 1,5:1



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

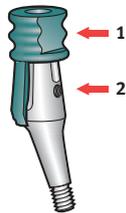
Order no.

3104 5011

3104 5021

3104 5031

3104 5041



### Please note:

With 15° abutments adjust the flat (1) side of the impression cap in line with the lateral threads (2).

## 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 1,5:1



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

## 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 1,5:1



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

Scale 1,5:1



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

### ANKYLOS® Standard Wax-up Coping<sup>20</sup> straight & 15°, for single crowns



Incl. interior grooves



Scale 1,5:1    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 superstructures
- Ribs for rotation locking
- Also for cement-on restoration

### ANKYLOS® Standard Wax-up Coping Bridge<sup>20</sup> straight & 15°, for bridges



Excl. interior grooves



Scale 1,5:1    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 cement-on restorations

### ANKYLOS® Standard Gold Coping Degunorm<sup>12</sup>



Scale 1,5:1    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
- For soldering from the high-gold content precious metal alloy Degunorm<sup>®</sup>
- Cast-to from the precious metal alloy Permador<sup>®</sup>

### ANKYLOS® Standard Gold Coping straight, Permador<sup>14</sup>



Scale 1,5:1    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 6100	3105 6110	3105 6120	3105 6130
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### 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

### ANKYLOS® Fixation Screw Occlusal, short<sup>4</sup>

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

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

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



Scale 1,5:1

Order no.	3105 6022	3105 6051	3105 6052	3105 6140
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# ANKYLOS® | Prosthetic Instruments

## Instrument Sets



Order no.	Article		
3103 6165	<b>ANKYLOS® Prosthetic Tray mini</b>		
3103 6120	<b>ANKYLOS® Prosthetic Tray</b>		
3103 6140	<b>ANKYLOS® Prosthetic Tray Balance Abutment System</b>		
3103 6150	<b>ANKYLOS® Prosthetic Tray Standard Abutment System</b>		
3104 5500	<b>ANKYLOS® Trial Abutment Tray Standard Abutments</b> (with 64 trial abutments)		
<b>ANKYLOS® Single abutments in a set of 4</b> (not shown)			
straight	15°	Description	colour
3104 5550	3104 5630	Trial Abutment a/1.5/4.0	red
3104 5560	3104 5640	Trial Abutment a/1.5/6.0	yellow
3104 5570	3104 5650	Trial Abutment a/3.0/4.0	red
3104 5580	3104 5660	Trial Abutment a/3.0/6.0	yellow
3104 5590	3104 5670	Trial Abutment b/1.5/4.0	blue
3104 5600	3104 5680	Trial Abutment b/1.5/6.0	green
3104 5610	3104 5690	Trial Abutment b/3.0/4.0	blue
3104 5620	3104 5700	Trial Abutment b/3.0/6.0	green
3104 5710	<b>ANKYLOS® Laboratory Trial Abutment Tray Balance Posterior</b> (with 60 trial abutments)		

Contents Prosthetic Tray:	3103 6165 (mini)	3103 6120	3103 6140 (Balance)	3103 6150 (Standard)
Handle for Screwdriver, Standard Ø 7 mm		■	■	■
Unscrew Instrument for Cover Screw, short		■	■	■
Unscrew Instrument for Cover Screw, long		■	■	■
Screwdriver Insert, 1.6 mm blade		■		■
Screwdriver Insert, 1.0 mm hex		■	■	■
Screwdriver Insert, 1.0 mm blade		■		■
Positioning Key for Preangled Abutments		■		■
Insert for Prosthetic Ratchet Screwdriver, 1.0 mm hex, 15 Ncm	■	■	■	■
Insert for Prosthetic Ratchet Screwdriver, 1.8 mm hex, 25 Ncm		■	■	
Insert for Prosthetic Ratchet Screwdriver, 1.0 mm hex, short , 10 Ncm		■	■	■
Insert for Prosthetic Ratchet for a-Abutments, straight (Standard), 25 Ncm		■		■
Insert for Prosthetic Ratchet for b-Abutments, straight (Standard), 25 Ncm		■		■
Prosthetic Ratchet	■	■	■	■
Mounting Device	■	■	■	■

# ANKYLOS® | Prosthetic Instruments

The prosthetic instruments meet the needs of all superstructure and superstructure elements. Just like the surgical instruments the prosthetic instruments are made of high-quality, corrosion-resistant material.

### 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® Hexagon screwdriver, 6 1 mm

Scale 1:1



### ANKYLOS® Handle for screwdriver<sup>6</sup>

Standard  
Ø 7 mm



Standard  
Ø 12 mm

Order no.	3103 3400	3103 3410	3103 3415
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### ANKYLOS® Unscrew instrument for cover 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 1.0 mm hexagon<sup>6</sup>

Scale 1:1



for hexagon socket screws

### ANKYLOS® Screwdriver insert 1.0 mm hexagon<sup>6</sup>



short

### ANKYLOS® Screwdriver insert, 1.0 mm blade<sup>6</sup>



for the headless screws with cemented suprastructures

Order no.	3103 3455	3103 3456	3103 3460
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### ANKYLOS® Activation instrument for snap attachment

### ANKYLOS® Deactivation instrument for snap attachment

### ANKYLOS® Insertion key<sup>6</sup>



Scale 1:1

a-Standard Abutments, short

b-Standard Abutments, short

preangled Standard Abutments

Order no.	3103 3501	3103 3502	3103 3471	3103 3481	3103 3485
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**ANKYLOS® Mounting device for prosthetic ratchet inserts<sup>6</sup>**



Scale 1:1

Order no.	3103 3632	3103 3630
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**ANKYLOS® Prosthetic ratchet<sup>6</sup>**



**ANKYLOS® Insert for Prosthetic ratchet<sup>6</sup>**

Scale 1:1



	for a-Abutments	for b-Abutments	for balls and sockets	1.0 mm hex	1.0 mm hex long	1.0 mm hex short	1.8 mm hex	for a-Abutments long	for b-Abutments long	for LOCATOR®
Order no.	3103 3621	3103 3622	3103 3623	3103 3625	3103 3628	3103 3626	3103 3627	3103 3633	3103 3634	3103 3635
Torque Ncm	25	25	25	15	15	10	25	25	25	30

**ANKYLOS® Laboratory torque driver<sup>6/Kst</sup> torque 10 Ncm**

Scale 1:1



Order no.	3103 3640	3103 3570	3103 3580	3103 3590
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**ANKYLOS® Finisher<sup>6</sup>**



for Balance Base Abutment      for taper occlusal retention screw      for taper lateral retention screw

**ANKYLOS® Handle for abutment analogs and abutments<sup>6/Kst</sup>**



Order no.	3103 6202
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## Demo Models

Order no.	Article
45 – 9981	<b>FRIADENT® Acrylic Model Maxilla without Prosthetics</b> (ANKYLOS®, XIVE®, FRIALIT®)
45 – 9982	<b>FRIADENT® Acrylic Model Maxilla with Prosthetics</b> (ANKYLOS®, XIVE®, FRIALIT®)
3109 9200	<b>ANKYLOS® C/X Acrylic Model Maxilla Crown and Bridge</b> (3 implants without prosthetics)
3109 9240	<b>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>

## CD-ROMs for Lecturers

Order no.	Article
66 – 2507	<b>ANKYLOS® Picture CD</b>
66 – 1077	<b>ExpertEase™ Picture CD</b>
66 – 1078	<b>CAD/CAM Picture CD</b>
66 – 1038	<b>Picture CD for Internet, all systems</b>

## Metals

Type	Index	Composition
Titan	2	Ti grade 2, DIN EN ISO 5832-2
Titanium	3	Ti grade 4, DIN EN ISO 5832-2
Titanium	4	Ti6Al4V
Titanium	40	Ti6Al4V grade 5
Aluminium	5	AlMg <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%
Polyethylen/Aluminium	42	LDPE/6061 T6 Al
Polyamid/Polyethylen/Stainless steel/Plastics	43	Nylon/LDPE/Ti6Al4V/Silicone Rubber
Polyamid/Polyethylen/Stainless steel/Plastics	44	Nylon/LDPE/303 SE SS/Silicone Rubber
Aluminium	45	6061 T6 Aluminium
Brass/Polyoxymethylene	48	MS-002, DELRIN, 1/4"
Brass/Polysulfon	50	MS-013-1 POLYSULFONE (3/8")

\* TEC 12.1; \*\* TEC 16.7

## Plastics

Typ	Index	Zusammensetzung
Polyoxymethylene (POM)	20	
Polyetheretherketone (PEEK)	24	
Silicone	26	
Silicone	47	Silicone Rubber
Polycarbonate	27	
Polyamid	41	Zytel 101I Nylon
Polyethylen/Aluminium	42	LDPE/6061 T6 Al
Polyamid/Polyethylen/Stainless steel/Plastics	43	Nylon/LDPE/Ti6Al4V/Silicone Rubber
Polyamid/Polyethylen/Stainless steel/Plastics	44	Nylon/LDPE/303 SE SS/Silicone Rubber
Polyethylen	46	LDPE
Brass/Polyoxymethylene	48	MS-002, DELRIN, 1/4"
Brass/Polysulfon	50	MS-013-1 POLYSULFONE (3/8")

## Ceramics

Type	Index	Composition
Zirconium oxide	32	ZrO <sub>2</sub>

**Order no. 6-252055/013**

Some products may not be available in all countries.  
Please contact your DENTSPLY Implants representative to obtain  
up to date information on the product range and on availability.

**Manufacturer:**

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Phone +49 621 4302-000 · Fax +49 621 4302-001 · e-mail: implants-info@dentsply.com

**Manufacturer FRIOS® Handpieces, FRIOS® Unit S/i:**  
W&H Dentalwerk Bürmoos GmbH · A-51111 Bürmoos/Austria

**Manufacturer ANKYLOS® LOCATOR®:**  
ZEST ANCHORS, LLC. · 2061 Wineridge Place · Escondido, CA 92029/USA  
EU-Repräsentant: Wellkang Ltd. · 29 Harley St. W1G 9QR London/ U.K.

[www.dentsplyimplants.com](http://www.dentsplyimplants.com)

