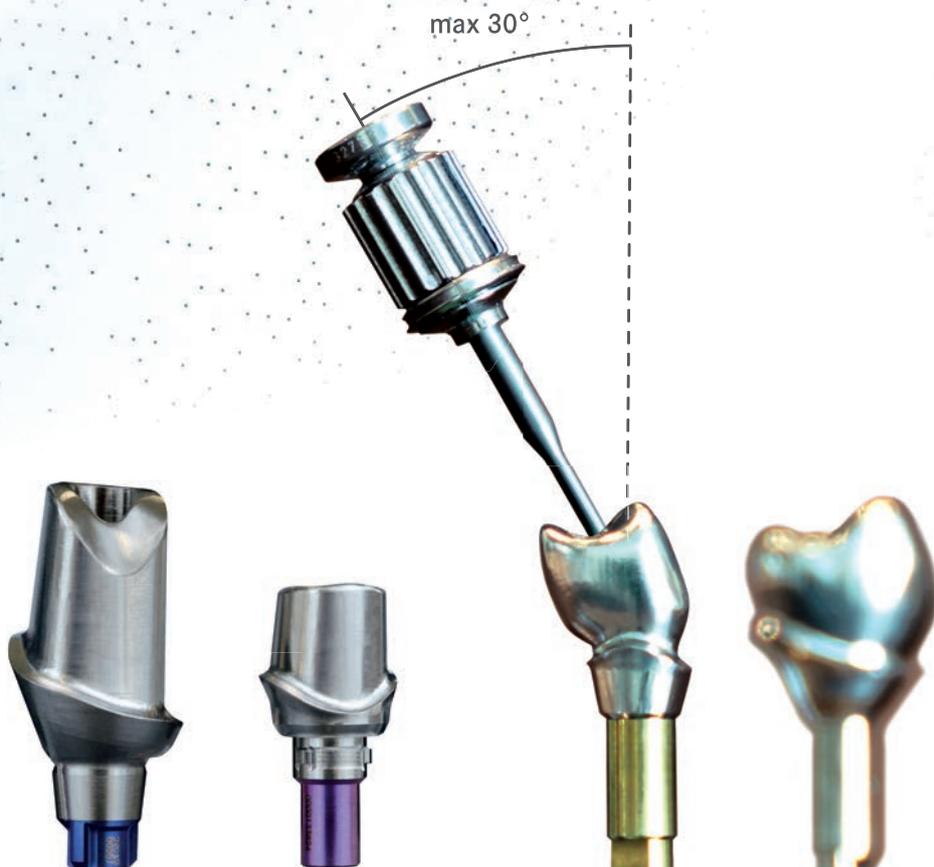


i-Butment[®]

X 

Xtra 

Regular 



i-Butment®

Product Information

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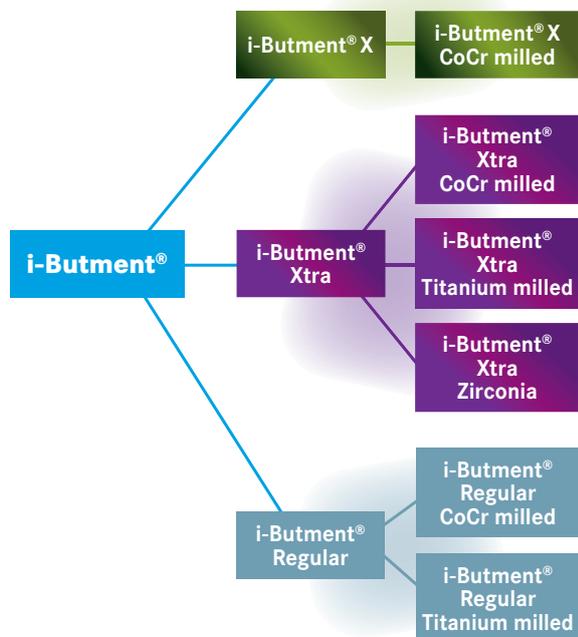
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Three main groups in our implant prosthetics:



	Screw channel angled/straight	
	Angulation* up to 30°	Straight
i-Butment® X	✓	✓
i-Butment® Xtra		✓
i-Butment® Regular		✓

* Maximum angulation dependent upon height of construction.

What do the three main groups stand for and what do I need to know?

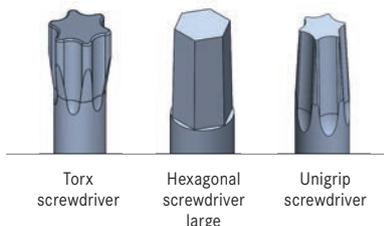


- X stands for **patented and individually calculated screw channels** for each case.
- You only need **one screwdriver**, regardless of the implant system – whether the screw channel is straight or angled.
- **Screw channels can be angled up to 30°.**

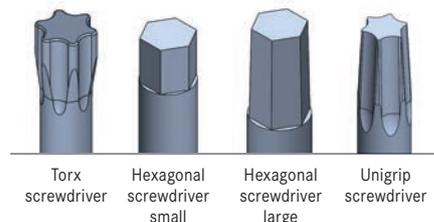
For further details on “X”, please refer to page 4.



- Xtra stands for i-Butments with **original components from the implant manufacturer**
- This ensures familiar compatibility and **extensive warranty coverage** with Camlog® and Neoss®
- Exclusively **straight screw channel**
- **Screwdriver from the implant manufacturer** for straight screw channels



- **Regular stands for** i-Butments with **straight screw channels.**
- You can use the instrumentation (**screwdriver**) **provided by the implant manufacturer** for straight screw channels.
- The “**Regular**” version is the first-generation i-Butment® and has proven itself over many years.



Spot on X – what do I need to know?



Highlights

- **easy handling and highly esthetic treatment**
- **one screwdriver** – regardless of the implant system, regardless of whether straight or angled screw channel
- **patented and individually calculated screw channel** for each case
- **screw channels that can be angled up to 30°** for bridges and individual abutments

i-Butment® X – delicate and precise according to your design

The smallest screw exit opening available on the market, combined with a strong angulation capability (up to 30°), provides you with the perfect basis for highly aesthetic restoration.

The patented screw channel is individually calculated for each case. The abutment is stable and extremely close to your design. The wide contact surface of the shoulder gives you enough space for applying the ceramic compound.

Safe and easy – one screwdriver for all X-variants

All you need is **one screwdriver**, regardless of the implant system. Our Dynamic screws always have the same screwdriver mount: **the same screw for straight and angled screw channels!** By the way, the same screwdriver also fits i-Bridge® and i-Butment® on Titanium bonding base. This makes the supply super easy for your practitioner and your laboratory team.



i-Butment® on titanium bonding bases

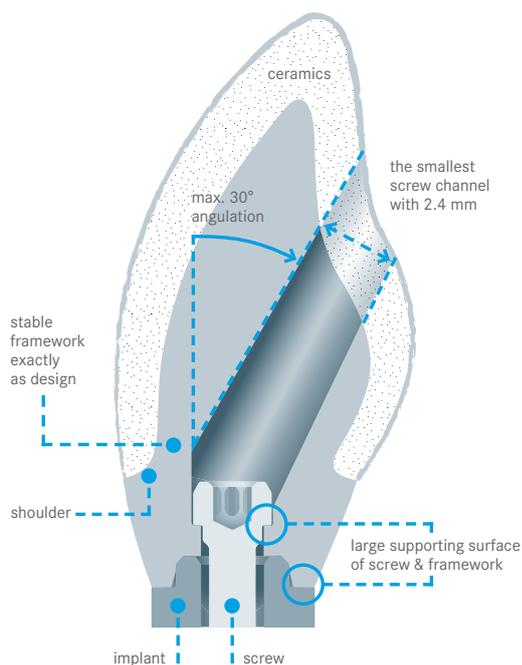
We also manufacture the i-Butment® on titanium bonding bases. It is available with both straight and angled screw channels and in a wide range of materials: Zirconia, CoCr SLM and CoCr milled.



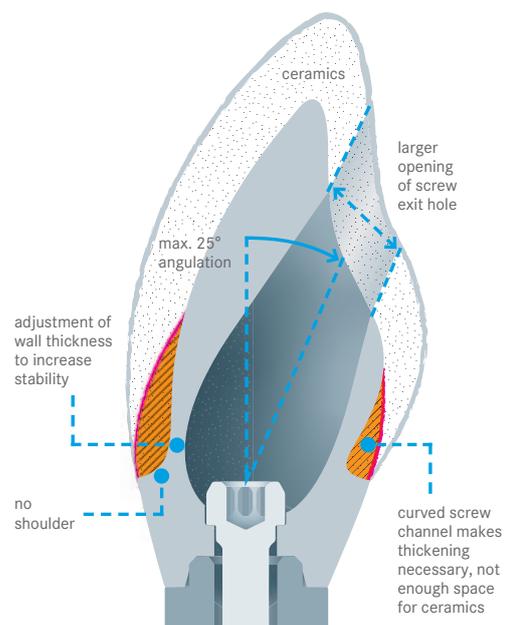
Order options for accessories

Titanium bonding bases, Dynamic TiBases® from Dynamic Abutment®Solutions, you may order from i-ProDens with your implant prosthetics order via 3Shape® as “additional order info”, via the i-ProDens Order Portal in the comment section, or separately via our **Online-Shop: shop.i-prodens.online/en**.

i-Butment® X – The Original from straight to angled



Abutment Competitors





Maximum angulation,
one screwdriver



Original components



Straight screw channels

We produce on these implant systems from Camlog®:

Compatible with implant system	Platform	i-Butment® X			i-Butment® Xtra		i-Butment® Regular		
		straight & angled	max. angulation ¹⁾	Torque Ncm	straight	Torque Ncm	straight	Torque Ncm	
Camlog® Implant System Implant Level C-Series	3.3	✓✓	30°	20	✓	20	-	✓	20
	3.8	✓✓			✓		-	✓	
	4.3	✓✓		✓	-		✓		
	5.0	✓✓		✓	-		✓		
	6.0	✓✓		✓	-		✓		
Conelog® Implant System Implant Level	3.3	✓✓	30°	20	✓	20	-	✓	20
	3.8	✓✓			✓		-	✓	
	4.3	✓✓		✓	-		✓		
	5.0	✓✓		✓	-		✓		
iSy® System Implant level	3.8	-	-	-	✓	20	-	-	-
	4.3	-	-	-	✓		-	-	-
	5.0	-	-	-	✓		-	-	-
Medentis ICX® Implant Level	3.45-4.8	✓✓	30°	20	-	-	✓	✓	30



i-Butment® Xtra and Camlog® patient28

In the **Xtra** version, production is carried out as a certified Qualified Manufacturing Partner (QMP) of Camlog® using original Camlog® components. This ensures reproducible quality, high accuracy of fit and additional planning reliability.

Choose the Xtra version for i-Butment® and benefit from the comprehensive Camlog® patient28 warranty.

See also page 14.



patient28PRO

¹⁾ Maximum angulation dependent upon height of construction.



Maximum angulation,
one screwdriver



Original components



Straight screw channels

We produce on these implant systems from Neoss®:

Compatible with implant system	Platform	i-Butment® X			i-Butment® Xtra		i-Butment® Regular	
		straight & angled	max. angulation ¹⁾	Torque Ncm	straight	Torque Ncm	straight	Torque Ncm
Neoss® ProActive® Implant Level	NP 3.25	-	-	-	✓	32	-	-
	SP 3.5-5.5	✓✓	30°	25	✓	32	✓	30

Important:
Dynamic screwdriver for all implant systems

Important:
NEO screwdriver (torx) for straight screwchannels

Important:
NEO screwdriver (torx) for straight screwchannels



Precision, innovation and efficiency in focus

Neoss stands for intelligent implant solutions, **i-ProDens** for precisely fitting, highly aesthetic prosthetics – together, we offer dental technicians and clinicians a perfectly coordinated interaction between implant and restoration.

This synergy sets new standards in implant prosthetics, delivering intelligent, practice-oriented solutions that simplify everyday laboratory work and sustainably improve treatment quality for patients.

Choose the Xtra version for i-Butment® and benefit from the comprehensive Neoss warranty.

See also page 14.



¹⁾ Maximum angulation dependent upon height of construction.



Maximum angulation,
one screwdriver



Original components



Straight screw channels

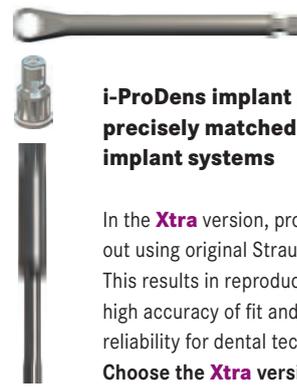
We produce on these implant systems from Straumann®:

Compatible with implant system	Platform	i-Butment® X			i-Butment® Xtra			i-Butment® Regular		
		straight & angled	max. angulation ¹⁾	Torque Ncm	Ti milled	Zr OPAQ	Torque Ncm	CoCr milled	Ti milled	Torque Ncm
Straumann® Bone Level/Implant Level L-Series	NC 3.3	✓✓	30°	20	✓	✓	35	✓	✓	35
	RC 4.1/4.8	✓✓			✓	✓		✓	✓	
Straumann® Tissue Level N-Series	RN 4.8	✓✓	30°	25	✓	-	35	✓	✓	35
	WN 6.5	✓✓			✓	-		✓	✓	
Straumann® BLX Implant system	RB/WB	-	-	-	✓	-	35	-	✓	35
	WB	-	-	-	✓	-		-	✓	
Straumann® TLX Implant system	NT	-	-	-	✓	-	35	-	-	-
	RT	-	-	-	✓	-		-	-	
	WT	-	-	-	✓	-		-	-	

Important: Dynamic screwdriver for all implant systems

Important: Straumann® screwdriver for straight screwchannels

Important: Torx screwdriver for straight screwchannels



i-ProDens implant prosthetics are precisely matched to Straumann® implant systems

In the **Xtra** version, production is carried out using original Straumann® components. This results in reproducible outcomes with high accuracy of fit and a high level of planning reliability for dental technicians and clinicians.

Choose the Xtra version for i-Butment® and rely on system consistency with original Straumann® components.

¹⁾ Maximum angulation dependent upon height of construction.



Here I can find all available implant systems:

Compatible with implant system	Platform	i-Butment® X			i-Butment® Xtra			i-Butment® Regular		
		straight & angled	max. angulation ¹⁾	Torque Ncm	straight	Torque Ncm	straight	Torque Ncm		
Ankylos® C/X Implant Level	A 3.5									
	B 4.5									
	C 5.5	-	-	-	-	-	-	-	25	
	D 7.0									
Astra Tech Implant System® OsseoSpeed® EV Implant Level EV-Series	3.0	✓✓	30°	15				-	✓	25
	3.6	✓✓		20				-	✓	
	4.2	✓✓		25	-	-	-	-	✓	
	4.8	✓✓						-	✓	
Astra Tech Implant System® OsseoSpeed® TX Implant Level S-Series	3.5/4.0	✓✓	30°	20				✓	✓	20
	4.5/5.0	✓✓		25	-	-	-	✓	✓	25
Bego Semados® S/RI/RS/RXS-Line Implant Level B-Series	3.25							-	✓	30
	3.75							-	✓	
	4.10	-	-	-	-	-	-	-	✓	
	4.50							-	✓	
Biomet 3i® Certain® Implant Level H-Series	3.4	✓✓	30°	20				✓	✓	20
	4.1	✓✓						✓	✓	
	5.0	✓✓						✓	✓	
Biomet 3i® Osseotite® External Hex Implant Level I-Series	3.4	✓✓	30°	25				✓	✓	32
	4.1	✓✓						✓	✓	
	5.0	✓✓						✓	✓	
Brånemark System® Implant Level K-Series	NP	✓✓	30°	20				✓	✓	35
	RP	✓✓		25	-	-	-	✓	✓	
	WP	✓✓						✓	✓	
Bredent Medical® blueSKY®/classicSKY® Implant Level Sky-Series	3.5	✓✓	30°	25				-	✓	25
	4.0	✓✓						-	✓	
	4.5	✓✓						-	✓	
Camlog® Implant System Implant Level C-Series	3.3	✓✓	30°	20	✓	✓	20	-	✓	20
	3.8	✓✓			✓	✓		-	✓	
	4.3	✓✓			✓	✓		-	✓	
	5.0	✓✓		25	✓	✓		-	✓	
	6.0	✓✓			✓	✓		-	✓	
Conelog® Implant System Implant Level	3.3	✓✓	30°	20	✓	✓	20	-	✓	20
	3.8	✓✓			✓	✓		-	✓	
	4.3	✓✓		25	✓	✓		-	✓	
	5.0	✓✓			✓	✓		-	✓	
Camlog® iSy® System Implant Level	3.8				✓	✓	20			
	4.3	-	-	-	✓	✓		-	-	
	5.0				✓	✓				

¹⁾ Maximum angulation dependent upon height of construction.



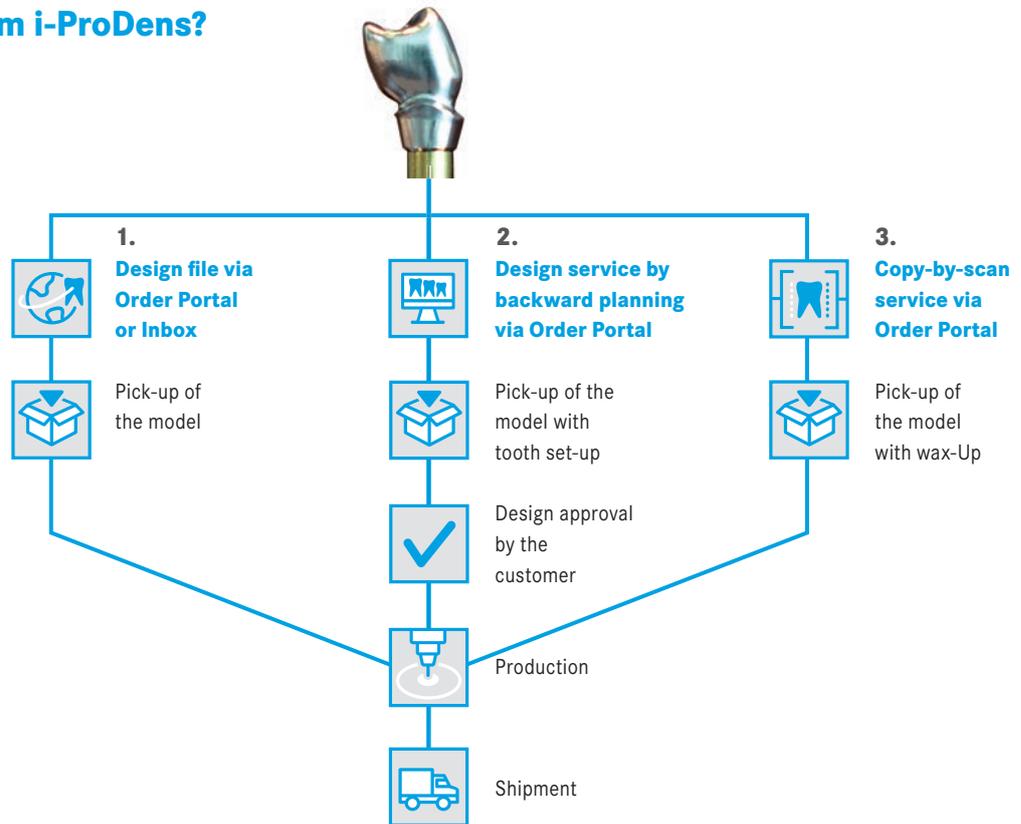
Here I can find all available implant systems:

Compatible with implant system	Platform	i-Butment® X			i-Butment® Xtra			i-Butment® Regular		
		straight & angled	max. angulation ¹⁾	Torque Ncm	straight	Torque Ncm	straight	Torque Ncm		
		with Dynamic screw screwdriver head ▶ regardless of the implant system			with original screw and blank from the implant manufacturer			with screwdrivers of the mentioned implant System		
										
Medentis ICX® Implant Level	3.45-4.8	✓✓	30°	20	-	-	-	✓	✓	30
Medentika® Microcone® Implant Level	NI	-	-	-	-	-	-	-	✓	15
	RI	-	-	-	-	-	-	-	✓	25
MegaGen® AnyRidge® Implant Level	3.5 - 5.5	✓✓	30°	25	-	-	-	-	✓	35
Neoss® Pro Active® Implant Level	NP 3.25	-	-	-	-	✓	32	-	-	-
	SP 3.5-5.5	✓✓	30°	25	-	✓		-	✓	30
NobelActive® Conical Connection Implant Level F-Series	NP 3.5	✓✓	30°	20	-	-	-	✓	✓	30
	RP 4.3	✓✓		25	-	-	-	✓	✓	32
NobelReplace® Implant Level E-Series	NP	✓✓	30°	25	-	-	-	✓	✓	35
	RP	✓✓			✓	✓				
	WP	✓✓			✓	✓				
	6.0	✓✓			✓	✓				
Straumann® Bone Level/Implant Level L-Series	NC 3.3	✓✓	30°	20	-	✓	35	✓	✓	35
	RC 4.1/4.5	✓✓			-	✓		✓	✓	
Straumann® Tissue Level N-Series	RN 4.8	✓✓	30°	25	-	✓	35	✓	✓	35
	WN 6.5	✓✓			-	✓		✓	✓	
Straumann® BLX Implantatsystem	RB/WB	-	-	-	-	✓	35	-	✓	35
	WB	-	-	-	-	✓		-	✓	
Straumann® TLX Implantatsystem	NT	-	-	-	-	✓	35	-	-	-
	RT	-	-	-	-	✓		-	-	
	WT	-	-	-	-	✓		-	-	
Sweden & Martina® Premium Kohno® Implant Level SM-Series	3.3	-	-	-	-	-	-	-	✓	25
	3.8	-	-	-	-	-	-	-	✓	
	4.25	-	-	-	-	-	-	-	✓	
	5.0	-	-	-	-	-	-	-	✓	
Thommen SPI® Implant Level	3.5	-	-	-	-	-	-	✓	✓	15
	4.0	-	-	-	-	-	-	✓	✓	25
	4.5	-	-	-	-	-	-	✓	✓	
	5.0	-	-	-	-	-	-	✓	✓	
	6.0	-	-	-	-	-	-	✓	✓	
Xive®/Frialit® Implant Level T-Series	3.4	✓✓	30°	20	-	-	-	✓	✓	25
	3.8	✓✓			✓	✓				
	4.5	✓✓			✓	✓				
	5.5	✓✓			✓	✓				
Zimmer® Tapered Screw-Vent® Implant Level R-Series	3.5	✓✓	30°	25	-	-	-	✓	✓	30
	4.5	✓✓			✓	✓				
	5.7	✓✓			✓	✓				

¹⁾ Maximum angulation dependent upon height of construction.

How do I order from i-ProDens?

Production order with ...



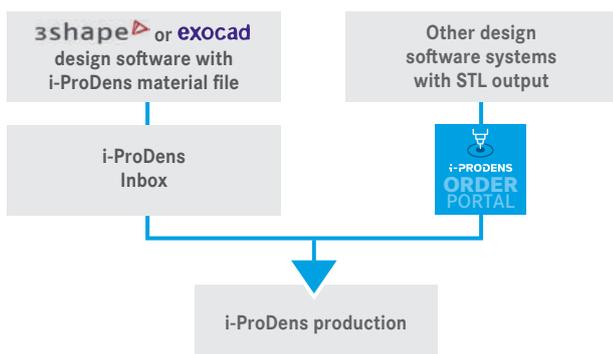
Explanations of ordering methods



Production order with your design file

You digitally design the **i-Butment®** based on your experience and can adapt them virtually to the individual patient requirements. The market-leading scanner and software systems may be used for design – 3Shape®, Exocad®, and Dental Wings®.

You can either send your order directly from the 3Shape® or exocad design software to us or upload open STL files in the **i-ProDens Order Portal**: app.i-prodens.shop.



Production order with design service

To utilize our design service, you create the model and tooth setup in the laboratory. We arrange for both pieces to be collected along with the completed order form (www.i-prodens.com/downloads-2). Based on this, our dental technicians design the perfect individual abutment and send you the proposal by e-mail for approval. After a few days, you will receive the model, the tooth set-up and the manufactured implant prosthetics from us.



Production order with copy-by-scan service (copy CAD)

You opt for the copy-by-scan service (copy CAD). We arrange the pickup of the model and wax-up for you and start with copy-by-scan and manufacturing of your individual abutment upon arrival. If the order is placed through the i-ProDens Order Portal, an ID number will be automatically generated, which serves as the ID for the entire process.

For the production order with design or copy-by-scan service, we require:

- a working model with perfect analogue
- a tooth set-up (alternatively without tooth set-up the antagonist model when design service is desired)
- a gingival mask

Note: Impression trays and articulators are not required.

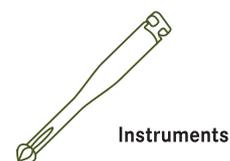
If the model, template and/or order include implant systems that are not part of our standard production range (see pages 8–9), i-ProDens will contact you to clarify the details. If clarification is not possible, all items will be returned.

Update of the i-ProDens material file for 3Shape – clear selection of material

With the introduction of the i-Butment® Xtra and the renaming of the i-Butments with straight screw channel in “i-Butment Regular”, we have made a new sorting in the 3Shape® material file.



Spot on screwdrivers – what do I need to know?



Important: The screwdriver must fit the screw perfectly!

The screwdriver and screw head correspond to the lock-and-key principle. They are perfectly matched to each other. Only in this way can the torque generated by the screwdriver be reliably transmitted to the screw.

Slipping off the tool from the screw head must be avoided at all costs. Therefore, it is crucial for a perfect insertion of the screw that the right screwdriver is used for the right screw.



	Description	Length	Product code	Compatible with screw head	For platform/system
1	Dynamic Screwdriver <i>Torx rounded</i>	18 mm – short 24 mm – medium 32 mm – long	43.618.201.01-2 43.624.201.01-2 43.632.201.01-2	Hexalobular	Dynamic Screw
2	Screwdriver Straumann® <i>Torx</i>	20 mm – short 32 mm – long	39901861 39901862	Torx T6	Straumann®
3	Universal Screwdriver <i>Hexagonal large</i>	20 mm – short 32 mm – long	39901871 39901872	Hex 1.27 mm/ Hex 0.050"	Camlog®, Conelog®, Astra Tech Implant System® TX and EV, BioHorizons® Tapered Internal, Zimmer Tapered Screw-Vent®
4	Screwdriver for Nobel Biocare® <i>Hexagonal Nobel</i>	20 mm – short 32 mm – long	39901881 39901882	Unigrip	Nobel Biocare®, Neoss® straight
5	Universal Screwdriver <i>Hexagonal small</i>	18 mm – short 24 mm – medium 32 mm – long	39905000 39905001 39905011	Hex 1.20 mm/ Hex 0.048"	Zimmer Biomet, 3i® Certain® and 3i® External, Xive®/Frialit®, Switch Level

Spot on accessories – what do I need to know?

In addition to the instruments, you will find further implant prosthetic accessories in our shop: titanium bonding bases, scanbodies and analogues.

Everything from a single source – optimal accessories, perfectly matched to our implant prosthetics!

i-Butment® on titanium bonding bases

We also manufacture the i-Butment® on titanium bonding bases. It is available with both straight and angled screw channels and in a wide range of materials: Zirconia, CoCr SLM and CoCr milled.



Titanium bonding bases



Highest precision starts with the ideal scanbody

Every detail is crucial on the path to a perfect result. Scanbodies assist you in designing implant prosthetics, ensuring precise transfer of implant position during scanning.



Scanbodies



Analogues for manufacturing of implant models in analogue and digital workflows

You can choose from the high-precision analogues by nt-trading – regardless of how your implant models are manufactured. For printed models in the digital process, DIM-Analogues® (Digital Implant Model Analogues) are the perfect choice.



Analogues



Where can I find further accessories?

Titanium bonding bases, Dynamic TiBases® by Dynamic Abutment Solutions, you can order from i-ProDens together with your manufacturing product: via 3Shape® as “additional order info”, via the **i-ProDens Order Portal** in the comment field or separately via our Online-Shop: shop.i-prodens.online/en.

For further information, please contact our customer service or visit our website www.i-prodens.com/en/.

And on our website, in the download section, you will find our brochure: **Implant prosthetics accessories:** www.i-prodens.com/downloads-2



Here I can find design guidelines and additional notes

Design guidelines for digital design and wax-up

- 1.1. The model shall have a minimum of 1 mm exposed analogues (created with the aid of soft tissue replacement).
- 1.2. The analogues shall be solidly fixed in the model and undamaged.
- 1.3. The material thickness at the base and screw channel for an i-Butment® in titanium and cobalt chrome must not be less than 0.4 mm.
- 1.4. The material thickness at the base and screw channel for an i-Butment® in zirconia must not be less than 0.55mm.
- 1.5. If a model or the data file is damaged i-ProDens will contact the customer to discuss the further process.
- 1.6. Any switches or abutments should always be mounted on the model by the customer. If not we do not guarantee the fitting.

Additional requirements for angled screw channels with digital design and wax-up

- 1.1. The screw channel's exit is marked with a raised indication, e.g. using wax. Do not mark the screw channel exit with a pen!
- 1.2. If the screw hole maximum angle is exceeded (max. angulation please refer to platform overview), the channel will be adapted to the widest possible angle in the same direction and may be discussed with you.
- 1.3. The material thickness around the access guide's screw channel must not be less than 1.0 mm.

Additional notes – in general

- 1.1. When you send a working model the order ID-number must be noted on the model with waterproof ink.
- 1.2. i-ProDens is not responsible for any other products that may be sent at the same time.
- 1.3. The co-sent products such as the template and the cleaned model are delivered with the implant prosthetics.
- 1.4. If you have to replace prosthetic screws you need to provide i-ProDens with the order or serial number of the originally ordered implant prosthetics. Prosthetics screws are for safety reasons not sold to other structures than those they are intended for.

What warranty services do I receive?



10 years warranty

for the i-Butment® X in *cobalt-chrome*



5 years warranty

for the i-Butment® Xtra and i-Butment® Regular in *cobalt-chrome, titanium and zirconia*

For more information, please visit our website:
www.i-prodens.com/en/

camlog

Benefit from the comprehensive **Camlog® patient28PRO warranty** for structures manufactured by i-ProDens using original Camlog® components on original Camlog® implants.

i-Butment® Xtra Camlog®

i-ProDens is a Qualified Manufacturing Partner (QMP) of Camlog® and therefore fulfils the requirements of the patient28 programme. With **patient28PRO**, you also benefit from extensive support for prosthetic restoration in the event of implant loss.

Terms and conditions are available at: www.camlog.de/patient28



Benefit from the life-time **Neoss® warranty** for **Neoss® implants** when restored with original Neoss® prosthetics or i-ProDens prosthetic solutions.

i-Butment® Xtra Neoss®

For the warranty programme to apply, all procedures before, during and after implantation must be carried out in accordance with Neoss® protocols, guidelines and instructions. In addition, treatment must be performed by a generally recognised dental practice.

The general terms and conditions can be found in the Neoss® warranty programme at: www.neoss.com





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