





# >>> Titanium base ASC Flex guarantees maximum flexibility <<

The titanium base for angled screw channels has been especially developed for complex prosthetics. For unfavorably positioned implants or esthetically demanding cases, it is now possible to move the screw channel in an oral direction, or to customize the chimney in four different lengths depending on the patient's needs.

#### Already available for the following compatible implant systems:

C-Series	compatible with	Altatec	Camlog®*
		MEDENTIKA®	Procone
L-Series	compatible with	Straumann	Bone Level
N-Series	compatible with	Straumann	Soft Tissue Level
IPS		MEDENTIKA®	Microcone
IPS		MEDENTIKA®	Quattrocone

### The titanium base ASC Flex will be supplemented by the following compatible implant systems during the course of 2019.

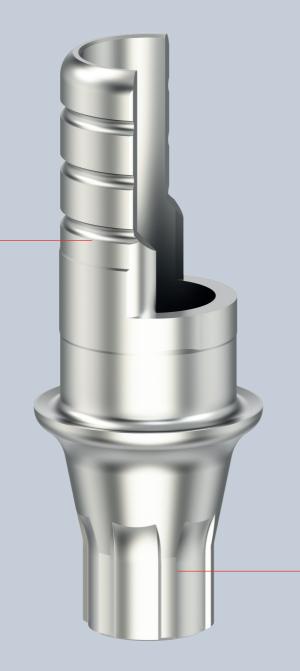
<b>B-Series</b>	compatible with	Bredent Medical	SKY®*
BS-Series	compatible with	BEGO Implant Systems	Semados®* SC/SCX/RS/RSX/RI
			Semados®* S/RI
CX-Series	compatible with	Medentis Medical	ICX
D-Series	compatible with	Altatec	Conelog®*
E-Series	compatible with	Nobel Biocare	NobelReplace®* Tapered
EV-Series	compatible with	Dentsply Implants	ASTRA TECH OsseoSpeed EV
F-Series	compatible with	Nobel Biocare	NobelActive®*
			NobelReplace®* Conical
H-Series	compatible with	BIOMET 3i	Certain®*
I-Series	compatible with	BIOMET 3i	External Hex
K-Series	compatible with	Nobel Biocare	Brånemark System®*
OT-SerieS	compatible with	OSSTEM Implants	TS System
		HiOssen Implant®*	ET System
		T-Plus Implant Tech	A+ Implant
			ST Implant
R-Series	compatible with	Zimmer Dental	Tapered Screw-Vent®*
		MIS	SEVEN Internal Hex
		BioHorizons	Tapered Internal
			Tapered Internal Plus
			Tapered Tissue Level
S-Series	compatible with	DENTSPLY Implants	ASTRA TECH OsseoSpeed®* TX
T-Series	compatible with	DENTSPLY Implants	XiVE®* S
Y-Series	compatible with	DENTSPLY Implants	ANKYLOS®* C/X

<sup>\*</sup>is a registered trademark of an independent third party

# PIONEER TITANIUM BASE

One design

### >>> ASC-Flex



# MEDENTIKA®s Original



1st Generation\_



2nd Generation -



Latest Generation ASC Flex

#### The pioneer:

MEDENTIKA® first titanium base on the market

#### The evolution:

- two different chimney heights
- adapted emergence profile

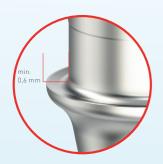
#### State-of-the-art:

- angled screw channel
- 4 possible chimney heights
- optimized bonding interface
- optimized, slimmer emergence profile

compatible with all major implant systems

### >> MEDENTIKA®

### Titanium base ASC Flex ✓



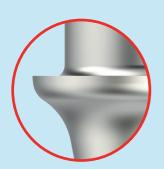
#### **IDEAL STEP WIDTH**

The step width of min. 0.6 mm takes into account the requirements of a wide variety of ceramic restoration materials. This allows the safe use of press-on ceramic in accordance with the specific manufacturer's instructions.



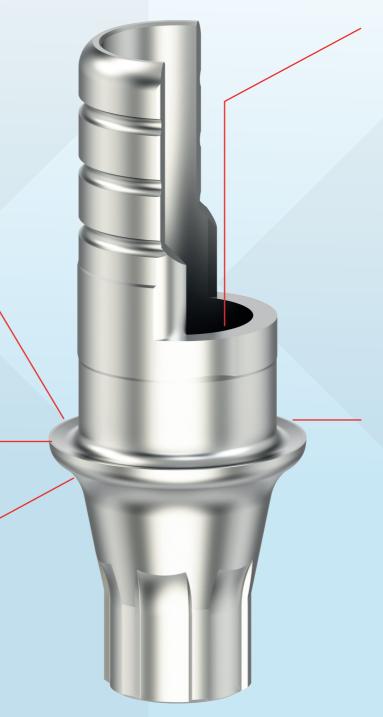
#### **ROUNDED DESIGN**

Reduced stress peaks, thereby protecting the ceramic restoration.



#### **OPTIMIZED EMERGENCE PROFILE**

The optimized, even slimmer emergence profile supports and protects the soft tissue.



#### INTERNAL ROTATION LOCK

The internal rotation lock receives all the material strength of the restoration, effectively avoiding predetermined breaking points. At the same time it secures the precise positioning of the hybrid abutment crown during bonding.



#### **BIO-PLATFORM DESIGN**

Slightly tapered platform to hold the fixing material, thereby reducing the bonding gap in the gingival region.



### Titanium base ASC Flex ✓

#### Titanium base ASC Flex

The titanium base can be used with either the angled or the straight screw channel. Thanks to the high chimney height, the titanium base offers very good support for the restoration.

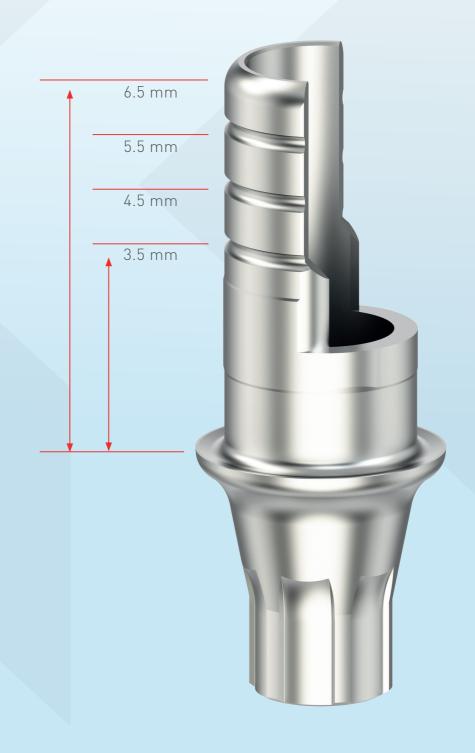
#### VARIABLE CHIMNEY HEIGHT





#### **VARIABLE CHIMNEY HEIGHT**

While the chimney height of 6.5 mm also supports high restorations, it can be shortened in individual cases to 5.5/4.5/3.5 mm, reducing the vertical distance for perfect adaptation to the clinical situation.



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25° MAX



The Ball-Torx placement instrument allows angulation of up to 25°.

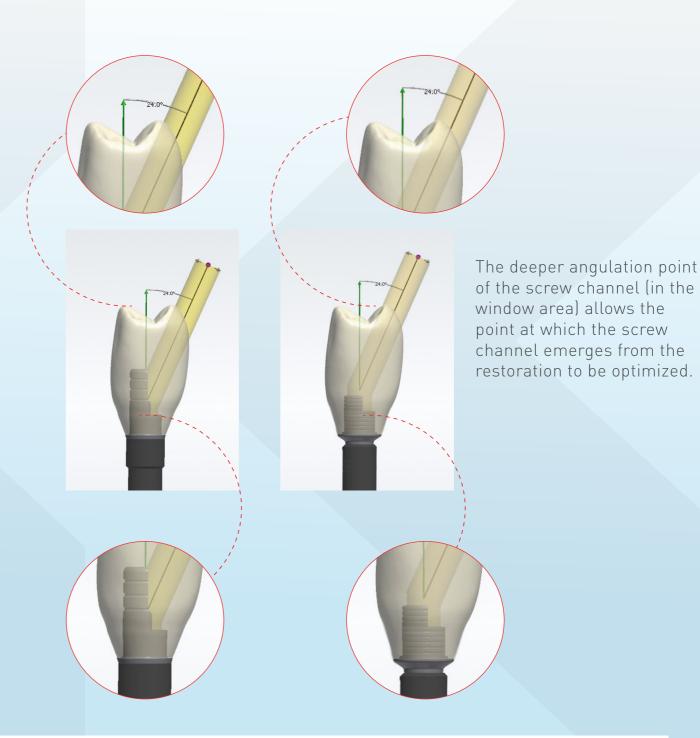
The maximum achievable angulation essentially depends on the respective implant bond and the abutment screw.

The angled screw channel means that the opening can be moved to areas that are less relevant in esthetic and functional respects. Accessibility can also be increased in cases where space is limited due to antagonists.

Series	Compatibility	<b>Implant connection</b> of the titanium base	<b>Chimney height</b> of the titanium base	Angulation of the titanium base
B-Series	Bredent Medical / SKY®*		3.5-6.5 mm	20°
C-Series	Altatec / Camlog®*	D 3.3 - D 4.3	3.5-6.5 mm	24°
		D 5.0	3.5-6.5 mm	18°
	MEDENTiKA®/ Procone	D 3.3 - D 4.3	3.5-6.5 mm	24°
		D 5.0	3.5-6.5 mm	18°
F-Series	Nobel Biocare / NobelActive®* / NobelReplace®* Conical	RP 4,./5.0	3.5-6.5 mm	20°
N-Series	Straumann / Tissue Level	NNC 3.5	3.5-6.5 mm	20°

Angulation of up to 25° is possible with all other series and implant connections.

# >>> Snap-off point of the screw channel <<



Digital libraries are available for the following manufacturers\*:



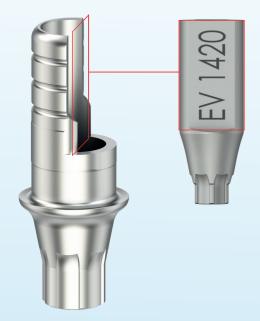
3shape<sup>▶</sup>

exocad

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<sup>\*</sup> to some extent this depends on the availability of the updates of the specific manufacturer.

# >>> Alignment of the screw channel <<



As a rule, the screw channel is always angled in the direction of the scanbody flat (SF).

With implant systems that only allow four or fewer positioning options between abutment and implant, a second titanium base variant that is angled over the corner of the scanbody (SC) is available. This ensures greater flexibility in aligning the screw channel in the desired direction.

C-Series	compatible with	Altatec	Camlog®*
		MEDENTIKA®	Procone
D-Series	compatible with	Altatec	Conelog®*
E-Series	compatible with	Nobel Biocare	NobelReplace®* Tapered
L-Series	compatible with	Straumann	Bone Level
N-Series	compatible with	Straumann	Soft Tissue Level
IPS		MEDENTIKA®	Microcone
IPS		MEDENTIKA®	Quattrocone

In this case, the opening of the titanium base (angulation of the screw channel) points towards the corner of the scanbody (SC).

#### **SELECTION VIA THE SCANBODY:**

As a rule, the screw channel is always angled in the direction of the scanbody flat (SF). With implant systems that only allow four or fewer positioning options between abutment and implant, a second titanium base variant that is angled over the corner of the scanbody (SC) is also available. This ensures greater flexibility in aligning the screw channel in the desired direction.

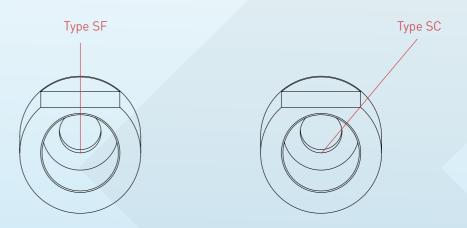
#### Example:

#### Type SF (Scanbody Flat):

Titanium base E 1600-1-SF / Screw channel angled over the flat of the scanbody.

#### Type SC (Scanbody Corner):

Titanium base E 1600-2-SC / Screw channel angled over the right corner of the scanbody.



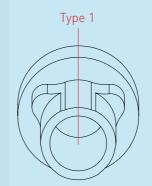
#### **SELECTION VIA THE IMPLANT CONNECTION:**

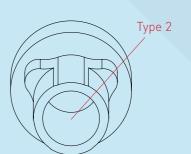
An alternative to the alignment of the angled screw channel via the scanbody is alignment via the type1/type2 implant connection.

#### Example:

Type 1: over the flat of the implant connection

**Type 2**: over the corner/cam of the implant connection





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<sup>\*</sup>is a registered trademark of an independent third party

# >>> Ball-Torx placement instrument <<

All titanium bases ASC Flex are screwed in with the Ball-Torx placement instrument (M 03-8 or M 10-8), guaranteeing reliable force transfer.







# 

#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 25 Ncm



Implant connecti	on NP
Chimney height	3,5-6,5
Gingiva height	0,35 mm
Article No. Type 1	I/SF B 1600-1-SF
Abutment screw	B 62
Please note:	This is used with Scanbody 2. generation. To screw in the titanium base ASC Flex you need the Placement instrument Ball-Torx M 03-8 or M 10-8. To select the desired direction of the angled screw channel, please consider the Instruction for use.

# BEGO Implant Systems \*\* Semados®\* SC/SCX/RS/RSX/RI Semados®\* S/RI

#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 30 Ncm



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Implant connection		D 3,25/3,75-PS	D 4,1-PS	D 4,5-PS	D 5,5-PS
Chimney height		3,5-6,5	3,5-6,5	3,5-6,5	3,5-6,5
Gingiva height		0,6 mm	0,45 mm	0,15 mm	0,3 mm
Article No. Type 1/SF		BS 1600-1-SF	BS 1610-1-SF	BS 1620-1-SF	BS 1630-1-SF
Abutment screw		BS 61	BS 61	BS 61	BS 61
Please note:	need the Placem	Scanbody 2. gene ent instrument Ba ngled screw chan	all-Torx M 03-8 or	<sup>-</sup> M 10-8. To selec	t the desired

<sup>\*\*</sup> Products indicated with "PS" in the implant connection are compatible with: BEGO Implant Systems / Semados®\* SC/SCX/RS/RSX/RI

# C-Series Altatec Camlog®\* / MEDENTIKA® Procone

#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SC = Screw channel angled over the right corner of the scanbody
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 20 Ncm



Type SC



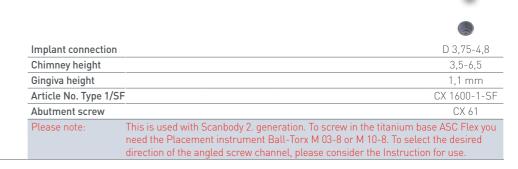




#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 30 Ncm





# D-Series Altatec Conelog®\*

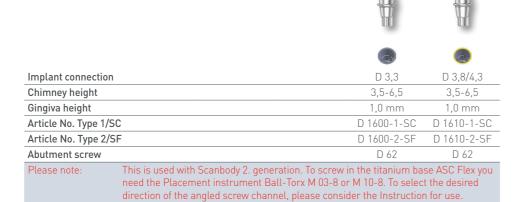
#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SC = Screw channel angled over the right corner of the scanbody
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 20 Ncm



Type SC







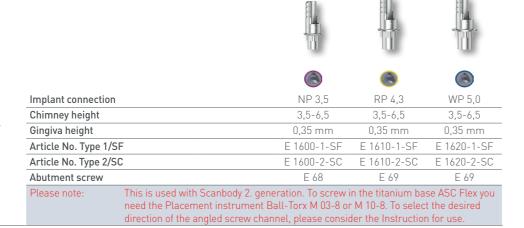
#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Type SC = Screw channel angled over the right corner of the scanbody
- Recommended torque: 35 Ncm



Type SC







#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 25 Ncm



Implant connection	D 3,0	D 3,6	D 4,2	D 4,8	D 5,4
Chimney height	3,5-6,5	3,5-6,5	3,5-6,5	3,5-6,5	3,5-6,5
Gingiva height	1,15 mm	1,15 mm	1,15 mm	1,15 mm	1,15 mm
Article No. Type 2/SF	EV 1600-2-SF	EV 1610-2-SF	EV 1620-2-SF	EV 1630-2-SF	EV 1640-2-SF
Abutment screw	EV 70	EV 67	EV 68	EV 69	EV 69
	This is used with Scanbody 2. generation. To screw in the titanium base ASC Flex you need the Placement instrument Ball-Torx M 03-8 or M 10-8. To select the desired direction of the angled screw channel, please consider the Instruction for use.				

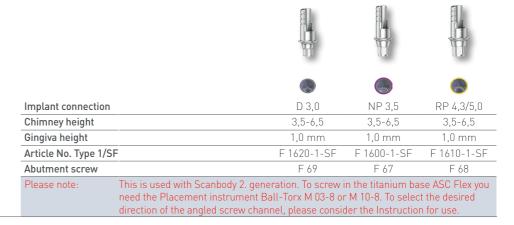


#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque:
  15 Ncm: D 3,0
  35 Ncm: NP 3,5
  35 Ncm: RP 4,3/5,0

Type SF





# H-Series K BIOMET 3i Certain®\*

#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 20 Ncm



Implant connection		D 3,4	D 4,1	D 5,0
Chimney height		3,5-6,5	3,5-6,5	3,5-6,5
Gingiva height		0,35 mm	0,35 mm	0,35 mm
Article No. Type 1/SI	F	H 1600-1-SF	H 1610-1-SF	H 1620-1-SF
Abutment screw		H 63	H 63	H 63
Please note:	This is used with Scanbody 2, gene need the Placement instrument Ba direction of the angled screw chan	all-Torx M 03-8 or	<sup>-</sup> M 10-8. To selec	t the desired

# Series K BIOMET 3i External Hex

#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 35 Ncm



Implant connection		D 3,4	D 4,1	D 5,0
Chimney height		4,5-6,5	4,5-6,5	4,5-6,5
Gingiva height		0,5 mm	0,5 mm	0,5 mm
Article No. Type 1/SF		I 1600-1-SF	I 1610-1-SF	I 1620-1-SF
Abutment screw		I 62	I 62	I 62
Please note:	This is used with Scanbody 2, gene need the Placement instrument Badirection of the angled screw change.	all-Torx M 03-8 or	M 10-8. To selec	t the desired



#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF

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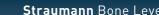
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 35 Ncm



Implant connection		NP 3,5	RP 4,1
Chimney height		4,5-6,5	4,5-6,5
Gingiva height		0,5 mm	0,5 mm
Article No. Type 1/SF		K 1600-1-SF	K 1610-1-SF
Abutment screw		K 63	K 64
Please note:	This is used with Scanbody 2, generation. To screw in		

direction of the angled screw channel, please consider the Instruction for use.

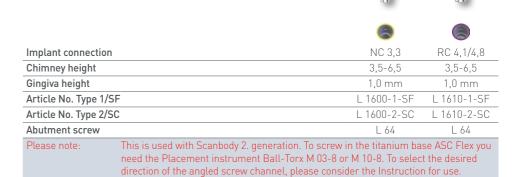
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#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Type SC = Screw channel angled over the right corner of the scanbody
- Recommended torque: 35 Ncm





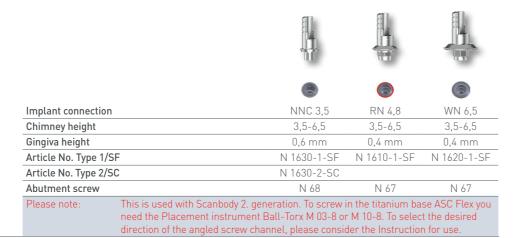
# N-Series K Straumann Tissue Level

#### Titanium base ASC Flex

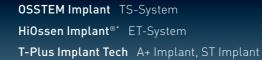
- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Type SC = Screw channel angled over the right corner of the scanbody
- Recommended torque: 35 Ncm







### >> OT-Series «



#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 20 Ncm: M 30 Ncm: R



Implant connection		М	R
Chimney height		3,5-6,5	3,5-6,5
Gingiva height		1,0 mm	1,1 mm
Article No. Type 1/SI		OT 1600-1-SF	OT 1610-1-SF
Abutment screw		OT 62	OT 63
Please note:	This is used with Scanbody 2, generation. To screw i need the Placement instrument Ball-Torx M 03-8 or direction of the angled screw channel, please consideration of the angled screw channel of	M 10-8. To selec	t the desired



#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 30 Ncm



Implant connection		D 3,5	D 4,5	D 5,7
Chimney height		3,5-6,5	3,5-6,5	3,5-6,5
Gingiva height		0,5 mm	0,4 mm	0,3 mm
Article No. Type 1/SI	F	R 1600-1-SF	R 1610-1-SF	R 1620-1-SF
Abutment screw		R 63	R 63	R 63
Please note:	This is used with Scanbody 2. gene need the Placement instrument Ba	all-Torx M 03-8 or	M 10-8. To selec	t the desired



### S-Series dentsply Implants ASTRA TECH OsseoSpeed®\* TX



#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Recommended torque: 15 Ncm: D 3,0 20 Ncm: D 3,5/4,0 25 Ncm: D 4,5/5,0



Implant connection		D 3,0	D 3,5/4,0	D 4,5/5,0
Chimney height		3,5-6,5	3,5-6,5	3,5-6,5
Gingiva height		1,2 mm	1,0 mm	0,7 mm
Article No.		S 1630-SF	S 1600-SF	S 1620-SF
Abutment screw		S 70	S 71	S 69
Please note:	This is used with Scanbody 2. generation. To screw in the titanium base ASC Flex you need the Placement instrument Ball-Torx M 03-8 or M 10-8. To select the desired direction of the angled screw channel, please consider the Instruction for use.			

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# T-Series dentsply Implants XiVE®\* S

#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 25 Ncm



Implant connection		D 3,4	D 3,8	D 4,5	D 5,5
Chimney height		3,5-6,5	3,5-6,5	3,5-6,5	3,5-6,5
Gingiva height		0,35 mm	0,35 mm	0,6 mm	0,6 mm
Article No. Type 1/S	F	T 1600-1-SF	T 1605-1-SF	T 1610-1-SF	T 1620-1-SF
Abutment screw		T 63	T 63	T 63	T 63
Please note:	This is used with Scanbody 2. generation. To screw in the titanium base ASC Flex you need the Placement instrument Ball-Torx M 03-8 or M 10-8. To select the desired direction of the angled screw channel, please consider the Instruction for use.				

# Y-Series dentsply Implants ANKYLOS®\* C/X

#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 15 Ncm

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Implant connection	D 3,5-7,0
Chimney height	3,5-6,5
Gingiva height	1,2 mm
Article No. Type 1/SF	Y 1600X-1-SF
Abutment screw	
Please note:	This is used with Scanbody 2. generation. To screw in the titanium base ASC Flex you need the Placement instrument Ball-Torx M 03-8 or M 10-8. To select the desired

direction of the angled screw channel, please consider the Instruction for use.



#### MEDENTiKA®\* Microcone/Quattrocone

#### Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Type SC = Screw channel angled over the right corner of the scanbody
- Recommended torque:
  15 Ncm: NI
  25 Ncm: RI



Type SC



		-	-
Implant connection		NI	RI
Chimney height		3,5-6,5	3,5-6,5
Gingiva height		1,2 mm	1,2 mm
Article No. Type 1/SF		1-09-06	2-09-19
Article No. Type 2/S0		1-09-07	2-09-20
Abutment screw		1-06-04	2-06-07
Please note:	This is used with Scanbody 2. generation. To screw in need the Placement instrument Ball-Torx 0-13-60 or		

direction of the angled screw channel, please consider the Instruction for use.



#### Placement instrument Ball Torx

• Hardened stainless steel





/ersion	Contra-angle	Manual and ratchet
Гуре		
Article No.	M 03-8	M 10-8



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Technical changes and errors reserved.

You can find the Instructions for use and warranty conditions on the website www.medentika.com

More information on the warranty can also be requested directly from the manufacturer

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