

>>> 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-Series	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

^{*}is a registered trademark of an independent third party

PIONEER TITANIUM BASE

>>> ASC-Flex

One design



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.



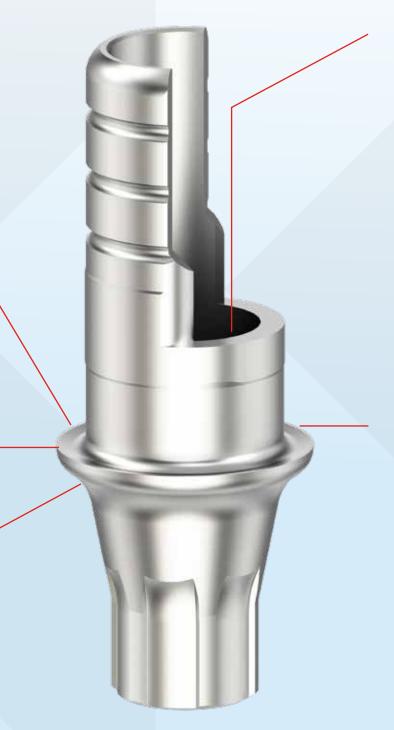
ROUNDED DESIGN

Reduced stress peaks, thereby protecting the ceramic restoration.



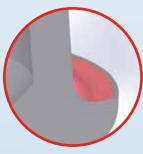
OPTIMIZED EMERGENCE PROFILE

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.



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.



>> Angled screw channel <<

25° MAX



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

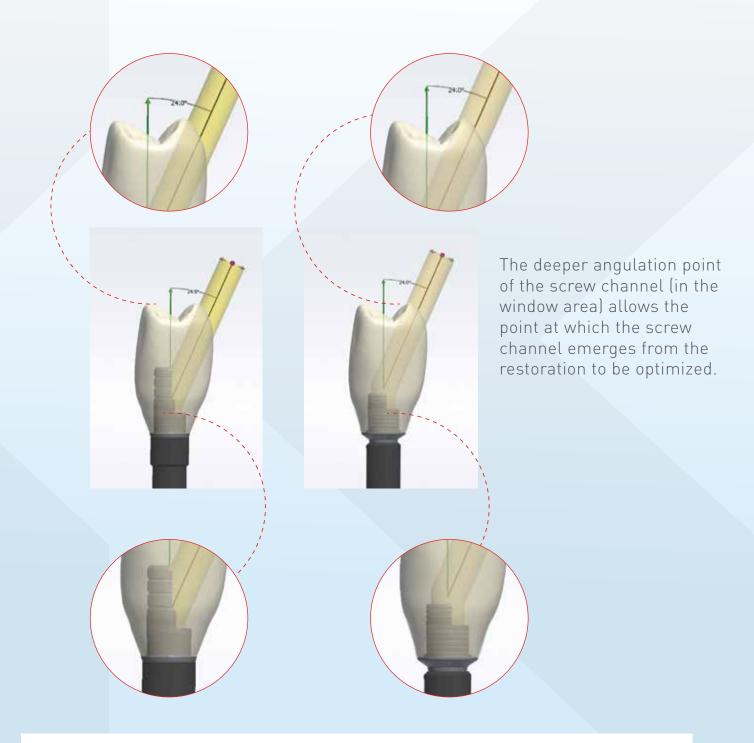
The maximum achievable angulation essentially depends on the respective implant bond and the abutment screw.

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	Implant connection of the titanium base	Chimney height 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*:

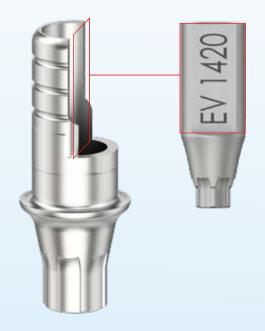


зshape⊳

exocad

^{*} 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).

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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.

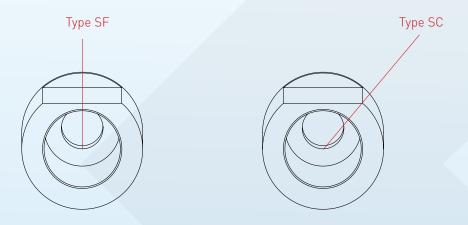
Example:

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.



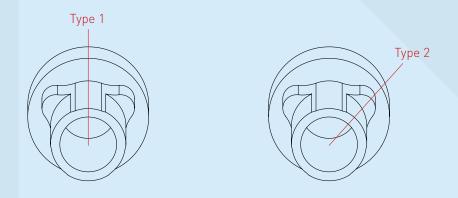
SELECTION VIA THE IMPLANT CONNECTION:

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



>>> Ball-Torx

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.





Product overview



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

BS-Series <</p>



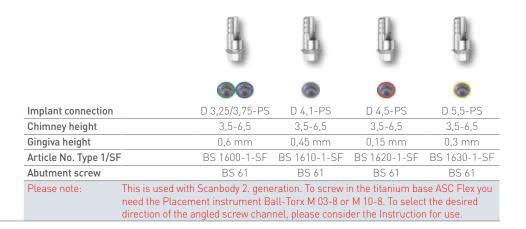
BEGO Implant Systems ** Semados®* SC/SCX/RS/RSX/RI Semados®* S/RI

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

Type SF





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





- 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





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.



>> CX-Series <



Medentis Medical ICX

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





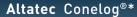




Please note:

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





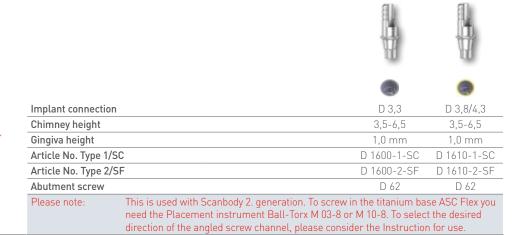
- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SC = Screw channel angled over the right corner of the scanbody
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 20 Ncm











E-Series Nobel Biocare NobelReplace®* Tapered



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





			(8)	
Implant connection		NP 3,5	RP 4,3	WP 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	E 1600-1-SF	E 1610-1-SF	E 1620-1-SF
Article No. Type 2/S0		E 1600-2-SC	E 1610-2-SC	E 1620-2-SC
Abutment screw		E 68	E 69	E 69
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	⁻ M 10-8. To selec	t the desired





- 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





F-Series <</p>



Nobel Biocare Nobel Active®* NobelReplace®* Conical

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



		•		
Implant connection		D 3,0	NP 3,5	RP 4,3/5,0
Chimney height		3,5-6,5	3,5-6,5	3,5-6,5
Gingiva height		1,0 mm	1,0 mm	1,0 mm
Article No. Type 1/SI	=	F 1620-1-SF	F 1600-1-SF	F 1610-1-SF
Abutment screw		F 69	F 67	F 68
Please note:	This is used with Scanbody 2. gene need the Placement instrument Ba direction of the angled screw chant	all-Torx M 03-8 or	M 10-8. To selec	t the desired

(B)

all B

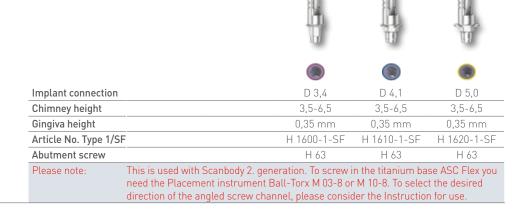
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- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Type SF = Screw channel angled over the flat of the scanbody Type
- Recommended torque: 20 Ncm

Type SF







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

Type SF



			H	A
				(3)
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

CT 1

CT 1

27.1



- 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







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



Straumann Bone Level

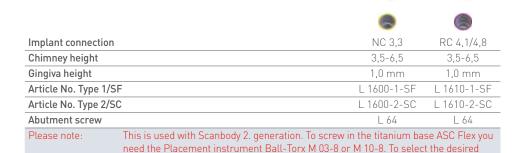
Titanium base ASC Flex

- 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









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



- 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





Implant connection		NNC 3,5	RN 4,8	WN 6,5
Chimney height		3,5-6,5	3,5-6,5	3,5-6,5
Gingiva height		0,6 mm	0,4 mm	0,4 mm
Article No. Type 1/S	F	N 1630-1-SF	N 1610-1-SF	N 1620-1-SF
Article No. Type 2/S	С	N 1630-2-SC		
Abutment screw		N 68	N 67	N 67
Please note:	This is used with Scanbody 2, gen- need the Placement instrument B direction of the angled screw char	all-Torx M 03-8 or	M 10-8. To selec	t the desired

>> OT-Series <</p>



OSSTEM Implant TS-System HiOssen Implant®* ET-System T-Plus Implant Tech A+ Implant, ST Implant

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

Type SF



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/SF		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 in need the Placement instrument Ball-Torx M 03-8 or direction of the angled screw channel, please consid	M 10-8. To select	t the desired

(B

Zimmer Dental Tapered Screw-Vent®*

BioHorizons Tapered Internal/Tapered Internal Plus/Tapered 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
- Recommended torque: 30 Ncm







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



		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. gene need the Placement instrument Ba direction of the angled screw chann	ill-Torx M 03-8 or	⁻ M 10-8. To selec	t the desired



- 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







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







ase 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

ype SF

Type SC





Please note:

This is used with Scanbody 2, generation. To screw in the titanium base ASC Flex you need the Placement instrument Ball-Torx 0-13-60 or 0-13-59. To select the desired direction of the angled screw channel, please consider the Instruction for use.

>> Tools «

Placement instrument Ball Torx

• Hardened stainless steel





Version	Contra-angle	Manual and ratchet
Туре		
Article No.	M 03-8	M 10-8



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Annex II

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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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