

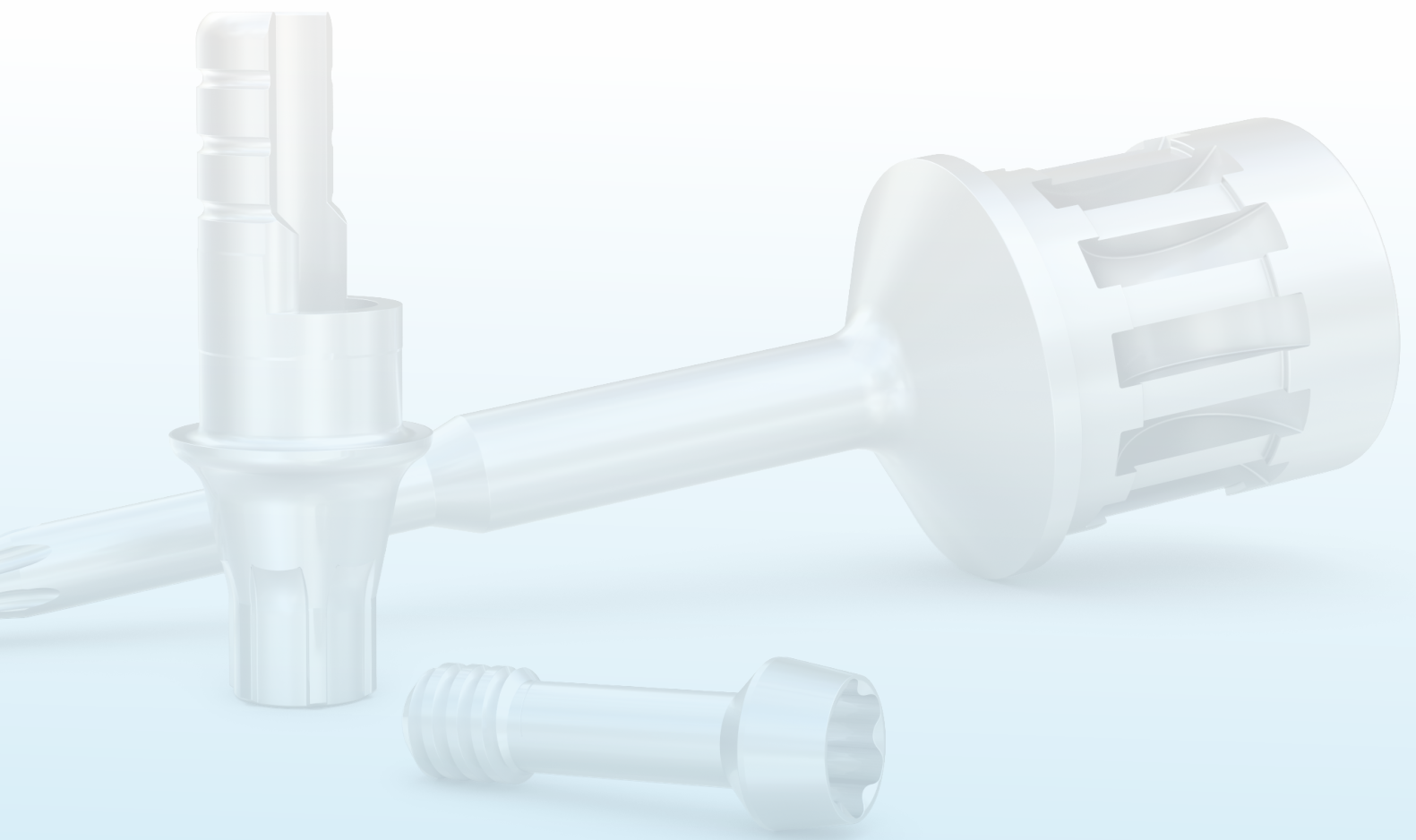


» **Flexibility**
reEngineered «

MPS

Multi Platform Systems

TITANIUM BASE
ASC FLEX



»» **Titanium base ASC Flex –** allows for 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 any oral direction, or to customize the chimney in four different lengths depending on the patient's needs.

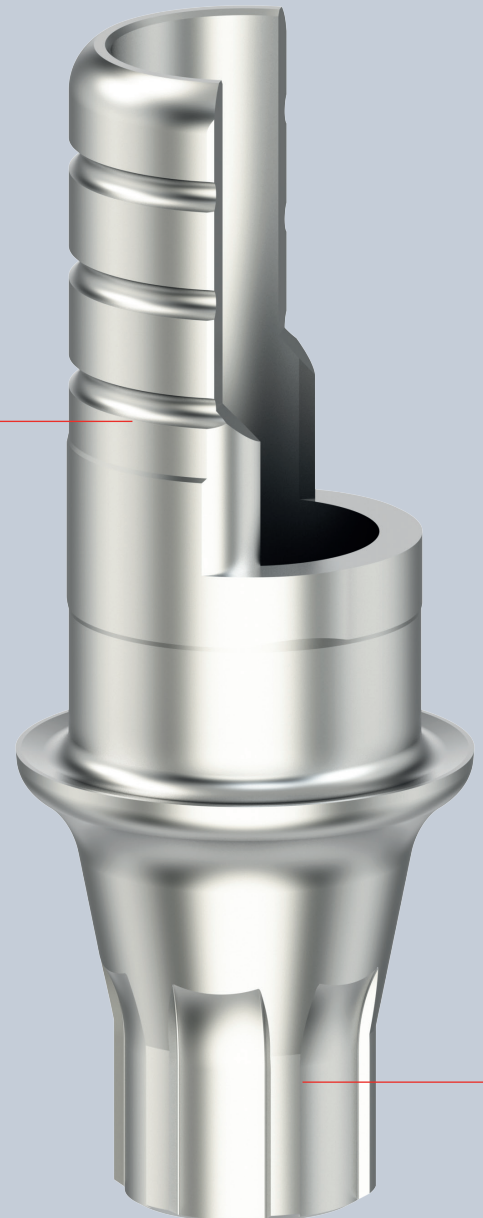
Available for the following compatible implant systems:

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®*
N-Series	compatible with	Straumann	Soft Tissue Level
R-Series	compatible with	Zimmer Dental	Tapered Screw-Vent®*
S-Series	compatible with	DENTSPLY Implants	ASTRA TECH OsseoSpeed®* TX
T-Series	compatible with	DENTSPLY Implants	XiVE®* S

PIONEER TITANIUM BASE

»» ASC-Flex

One design



MEDENTiKA® 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

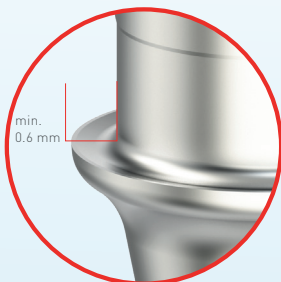
State-of-the-art:

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

compatible with most major
implant systems

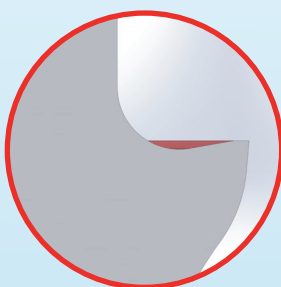
» MEDENTiKA®

Titanium base ASC Flex «



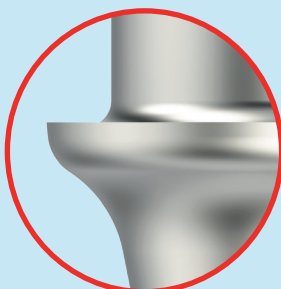
IDEAL STEP WIDTH

The step width of min. 0.6 mm takes into account the requirements of a wide variety of ceramic restoration materials.



ROUNDED DESIGN

Reduced stress peaks on the ceramic restoration.

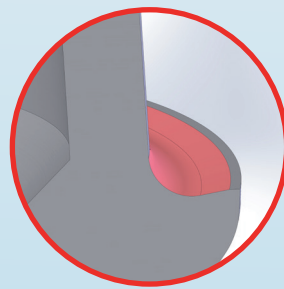


OPTIMIZED EMERGENCE PROFILE

The optimized, even slimmer emergence profile, has been designed to support the soft tissue.

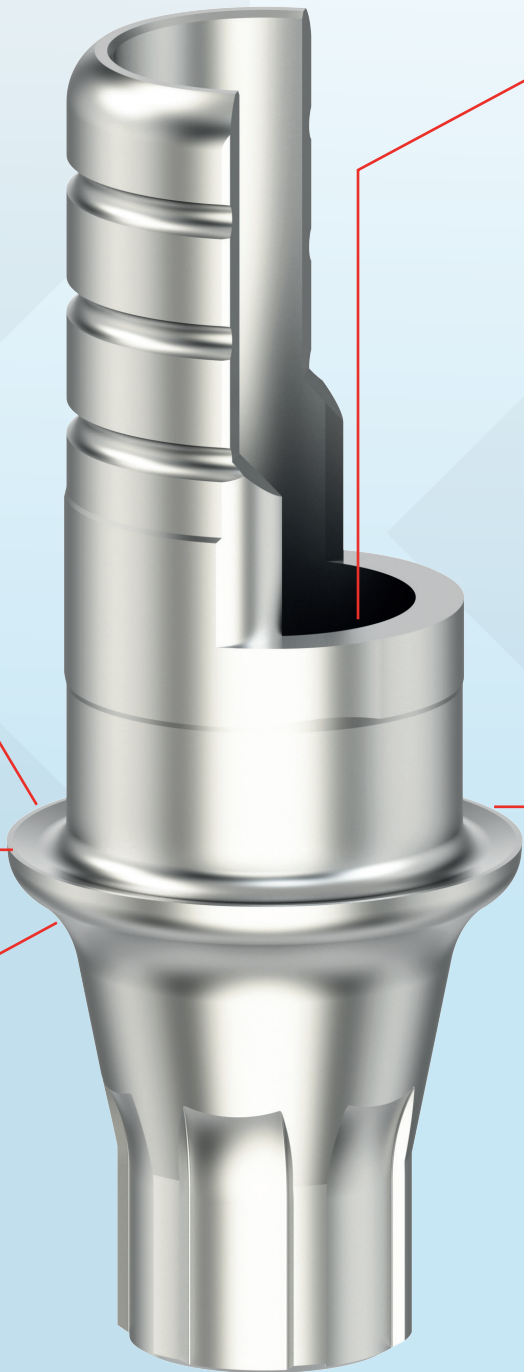
INTERNAL ROTATION LOCK

The internal rotation lock receives the material strength of the restoration, effectively minimizing 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 bonding material, thereby reducing the bonding gap in the gingival region.



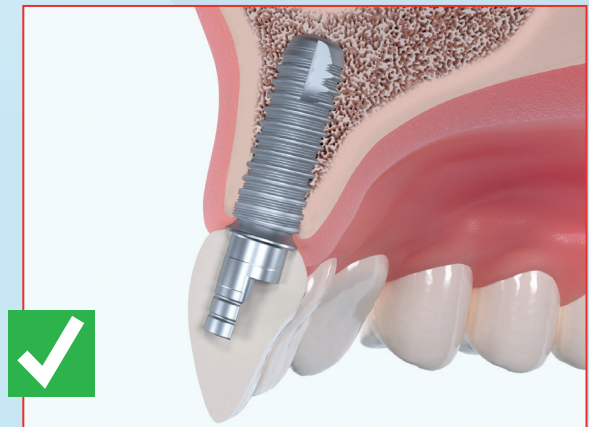
»» MEDENTiKA®

Titanium base ASC Flex ««

Titanium base ASC Flex

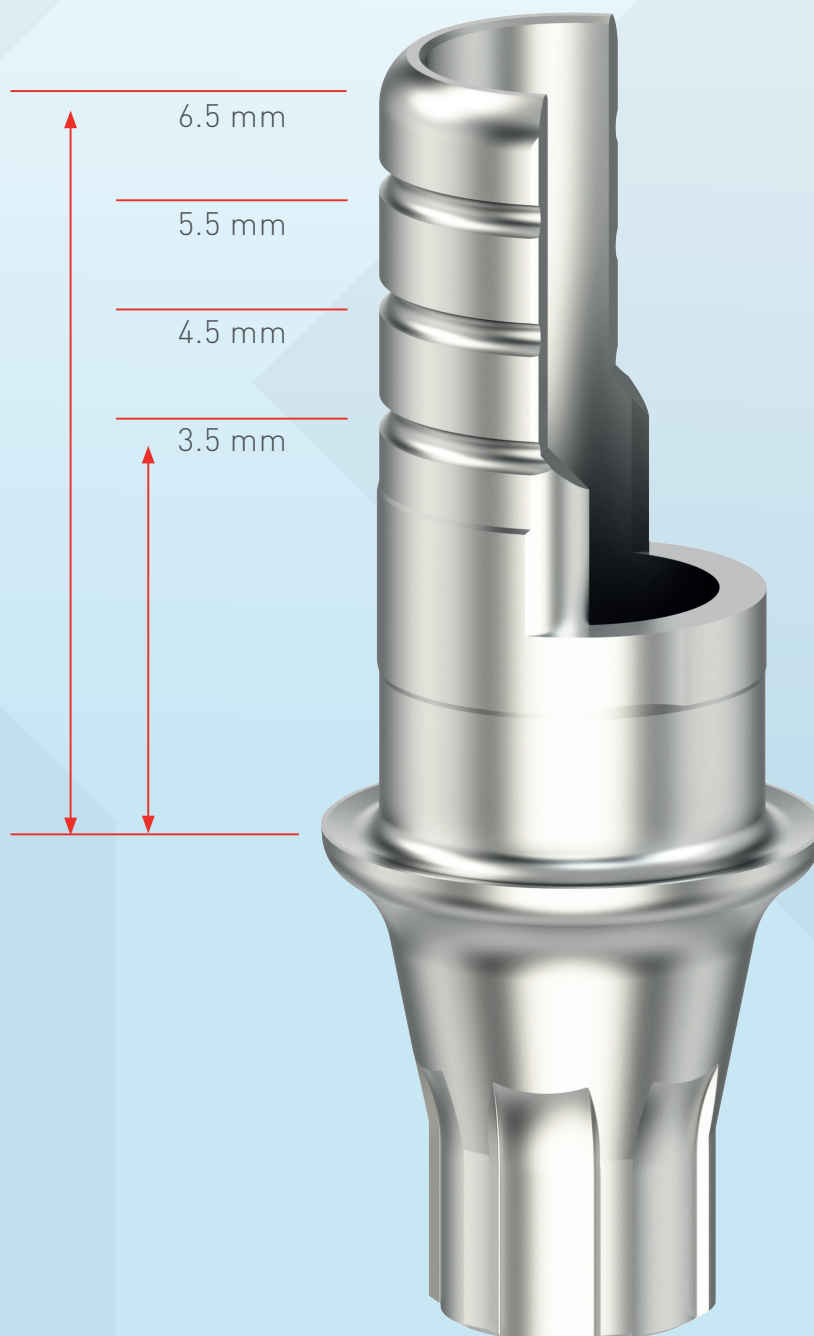
The titanium base can be used with either the angled or the straight screw channel. Thanks to the high chimney height, the titanium base offers very good support for the restoration.

VARIABLE CHIMNEY HEIGHT



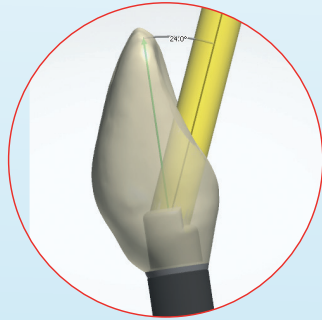
VARIABLE CHIMNEY HEIGHT

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.



» Angled screw channel «

25° MAX



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

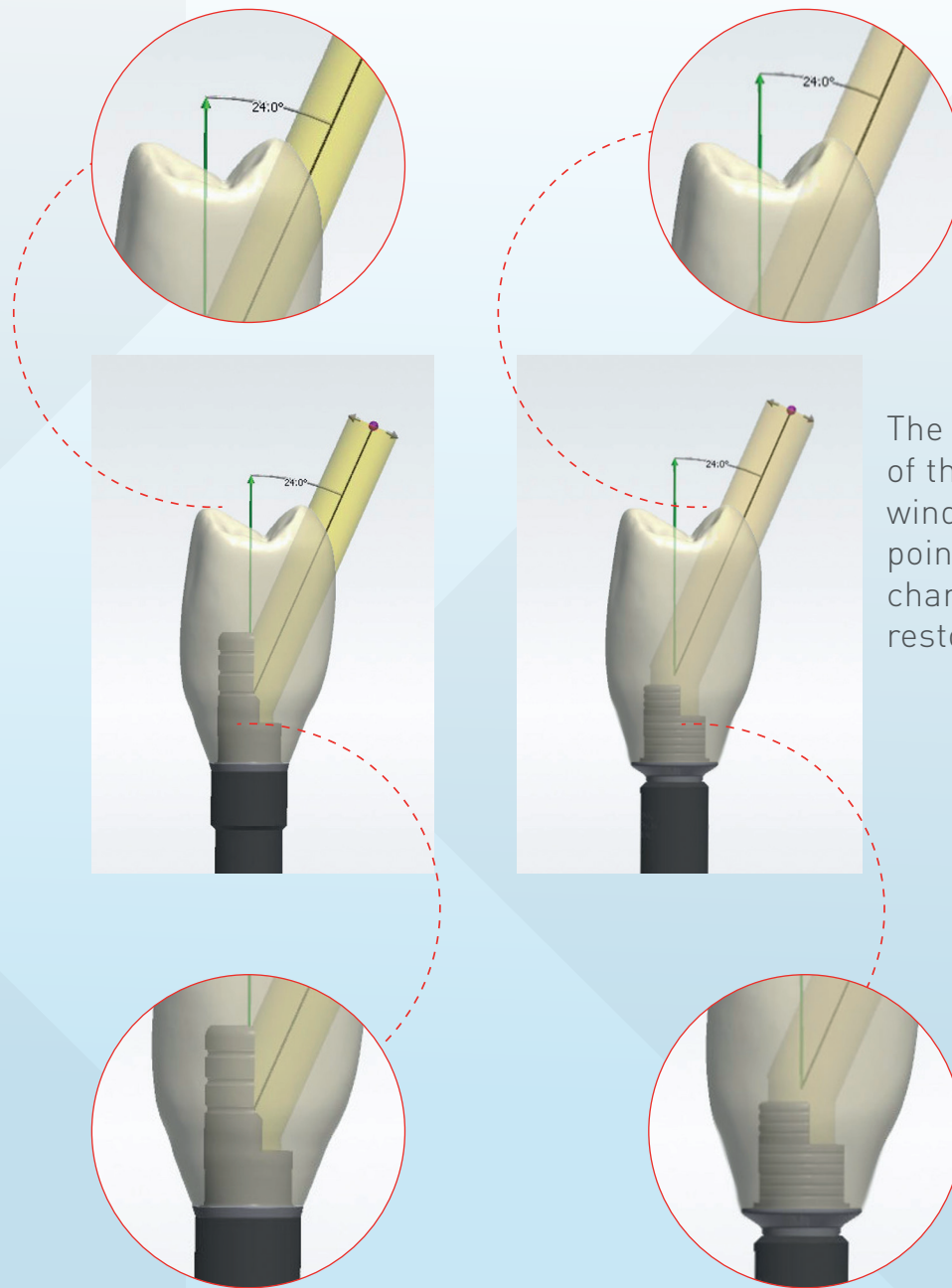
The maximum achievable angulation essentially depends on the respective implant bond and the abutment screw.

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
F-Series	Nobel Biocare / NobelActive®* / NobelReplace®* Conical	RP 4.3/5.0	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.

» Exit point of the screw channel «



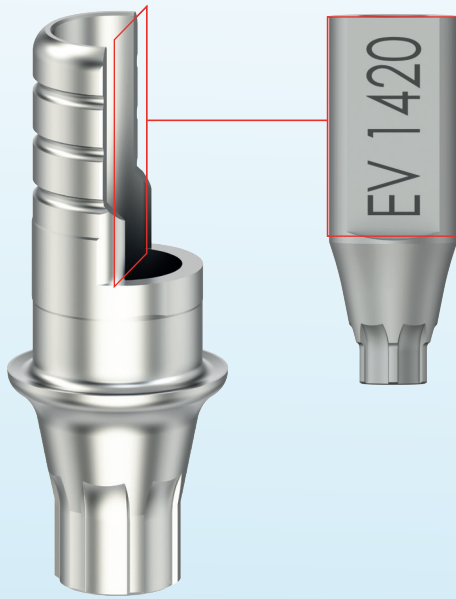
The deeper angulation point of the screw channel (in the window area) allows the point at which the screw channel emerges from the restoration to be optimized.

Digital libraries are available for the following manufacturers*:



* 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 scan-body 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.

E-Series	compatible with	Nobel Biocare	NobelReplace®* Tapered
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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.

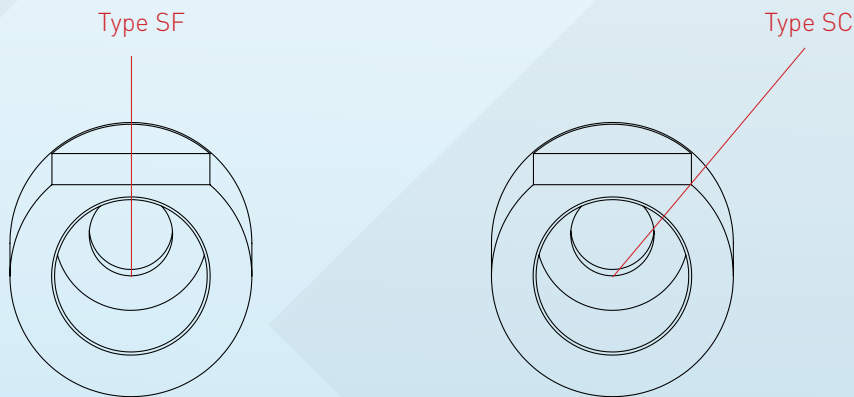
Example:

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.



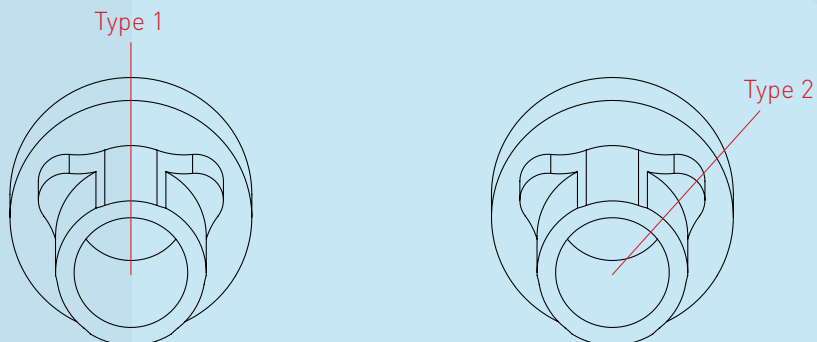
SELECTION VIA THE IMPLANT CONNECTION:

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

Example:

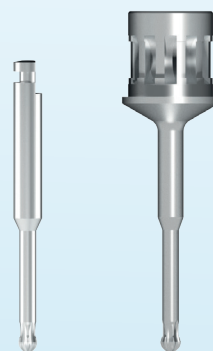
Type 1: over the flat of the implant connection

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



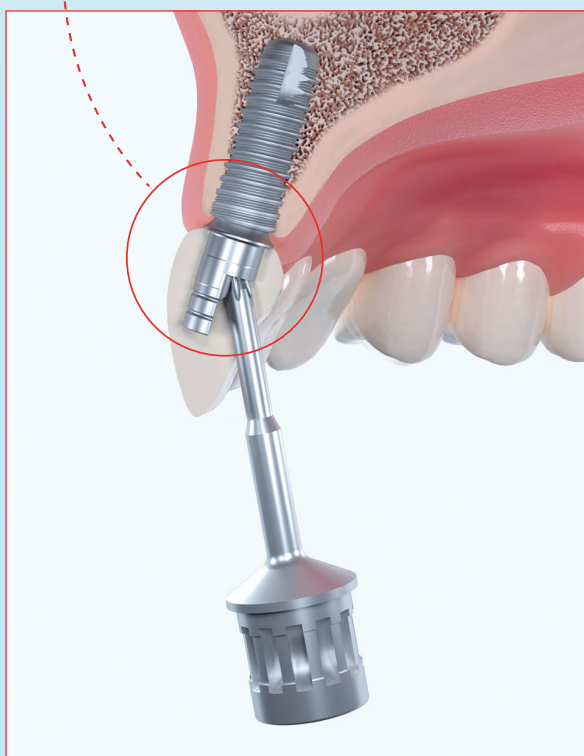
»» Ball-Torx placement instrument ««

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.



Contra-angled
handpiece
M 03-8

Manual and ratchet
M 10-8



A faded, dark blue background image of a dental implant. The implant features a threaded upper section and a wider, flared lower section with a textured surface.

» MEDENTiKA® Titanium base ASC Flex «

Product overview

» 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



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/SF	E 1600-1-SF	E 1610-1-SF	E 1620-1-SF
Article No. Type 2/SC	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. 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.

» EV-Series «

DENTSPLY Implants

ASTRA TECH OsseoSpeed®* EV

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 3.6	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
Gingiva height	1.15 mm	1.15 mm	1.15 mm	1.15 mm
Article No. Type 2/SF	EV 1610-2-SF	EV 1620-2-SF	EV 1630-2-SF	EV 1640-2-SF
Abutment screw	EV 67	EV 68	EV 69	EV 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.

» F-Series «

Nobel Biocare NobelActive®*
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:
35 Ncm: NP 3.5
35 Ncm: RP 4.3/5.0

Type SF



NP 3.5



RP 4.3/5.0

Implant connection	NP 3.5	RP 4.3/5.0
Chimney height	3.5-6.5	3.5-6.5
Gingiva height	1.0 mm	1.0 mm
Article No. Type 1/SF	F 1600-1-SF	F 1610-1-SF
Abutment screw	F 67	F 68

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.

» H-Series «

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

Type SF



D 3.4



D 4.1



D 5.0

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/SF	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. 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.

» I-Series «

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



D 3.4



D 4.1



D 5.0

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. 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.

» K-Series «

Nobel Biocare Brånemark System®**

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



NP 3.5



RP 4.1

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 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.

» N-Series « 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



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/SF	N 1630-1-SF	N 1610-1-SF	N 1620-1-SF
Article No. Type 2/SC	N 1630-2-SC		
Abutment screw	N 68	N 67	N 67

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.

» R-Series « Zimmer Dental Tapered Screw-Vent®*

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/SF	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. 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.

» S-Series «

DENTSPLY Implants ASTRA TECH OsseoSpeed®* TX

Titanium base ASC Flex

- angled screw channel
- Titanium Grade 5 CF
- incl. abutment screw
- Recommended torque:
20 Ncm: D 3.5/4.0
25 Ncm: D 4.5/5.0

Type SF



Implant connection	D 3.5/4.0	D 4.5/5.0
Chimney height	3.5-6.5	3.5-6.5
Gingiva height	1.0 mm	0.7 mm
Article No.	S 1600-SF	S 1620-SF
Abutment screw	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.

» 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

Type SF



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/SF	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.

» Tools «

Placement instrument
Ball Torx

- Hardened stainless steel



Version

Contra-angle

Manual and
ratchet

Type

Article No.

M 03-8

M 10-8

Notes

[illegible]

Notes

[illegible]

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MEDENTIKA®
A Straumann Group Brand
60 Minuteman Road
Andover, MA 01810
Phone 800/448 8168 [US]
Fax 978/747 2490
www.medentika.us

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» Passion for
Precision «