

XiVE®

Product Catalog





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Labeling of materials

Information regarding the materials involved in implants, system components and instruments is given in the form of a reference number after every article: FRIADENT® Gingiva Former². Page 53 of this catalog presents an overview of the materials and the composition of the materials used.

The images in this catalog are for illustration purposes only. The size of the illustrated products may deviate from the original product.

DENTSPLY Implants reserves the right to make any technical changes without prior notice.

FRIADENT® Select

FRIADENT® Select Try-in Abutment

- Determination of oro-vestibular and mesio-distal implant position and of the distance to the adjacent teeth
- Determination of gingival height, angulation and position of the horizontal screw (GH 2) for all FRIADENT® abutments



Order no.

Article

FRIADENT® Select Try-in Abutment²

32452119
32452120
32452121
32452122
32452123

■ D 3.0/ A 0 (straight)
■ D 3.4/ A 0 (straight)
■ D 3.8/ A 0 (straight)
■ D 4.5/ A 0 (straight)
■ D 5.5/ A 0 (straight)

32452219
32452220
32452221

■ D 3.0/ A 15 (angled 15°)
■ D 3.4/ A 15 (angled 15°)
■ D 3.8/ A 15 (angled 15°)

FRIADENT® Select Sleeve

- Exact transfer of the pre-prosthetic planning to the clinical situation



32455025
32455035
32455045
32455055
32455065

FRIADENT® Select Sleeve² without pin

■ D 3.0
■ D 3.4
■ D 3.8
■ D 4.5
■ D 5.5

32914502

Pin for FRIADENT® Select Sleeve²

32261500

XiVE® Select Basic Set Try-in Implant
One XiVE® Select Try-in Implant
per Implant diameter (D 3.0 – D 5.5)

FRIADENT® Select Try-in Implants

- Intra-operative check of implant position, implant axis, congruency between implant and bone crest and peri-implant soft tissue level



32261520
32261530
32261540
32261550
32261560

XiVE® Select Try-in Implant²

■ D 3.0
■ D 3.4
■ D 3.8
■ D 4.5
■ D 5.5

32261510

XiVE® Depth Gauge² D 2.0

Others

	Order no.	Article
	32491211	FRIADENT® Radiographic Balls for Pre-surgical Planning⁶ Ø 5 mm, 12 pieces
		XiVE® Radiographic Template
	32269020	XiVE® S (subgingival)
	32255206	XiVE® TG (transgingival)

Guided Surgery with ExpertEase™



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 offers a complete solution for digital treatment planning and template-guided implant placement based on the Simplant® program, which is used all over the world.

For XiVE® instruments for Guided Surgery with ExpertEase™ please see pages 12 and 22–23 of this catalog.

XiVE® Implant Package

XiVE® implants are supplied in a double-sterile blister package with an outer carton. The type of package offers the maximum 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.

All other DENTSPLY products for surgery and prosthetics are also sealed in blisters in branded cardboard packages.



Outer box package

- Simple product classification with brand-specific design, sight window and color-coded imprint of the implant diameter
- Large seal label with details of products
- Stackable, all important product information remains visible
- Includes multilingual instructions for use



Transparent outer blister

- Outer sterile barrier of implant package



Transparent inner blister

- Inner sterile package
- Contains implant shuttle with implant and cover screw for implants
- Peel-off label with batch code for reliable documentation of treatment



Plastic implant shuttle

- Holds the implant securely in the packaging and protects it from damage during transport and removal
- 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

XiVE® S Implants



Order no.	Article
	XiVE® S plus Screw Implant (sterile) Content: Screw Implant ² , TempBase ⁴ , Cover Screw ²
32262422	■ D3.0 / L 11
32262423	■ D3.0 / L 13
32262425	■ D3.0 / L 15
32262431	■ D3.4 / L 9.5
32262432	■ D3.4 / L 11
32262433	■ D3.4 / L 13
32262435	■ D3.4 / L 15
32262438	■ D3.4 / L 18
32262440	■ D3.8 / L 8
32262441	■ D3.8 / L 9.5
32262442	■ D3.8 / L 11
32262443	■ D3.8 / L 13
32262445	■ D3.8 / L 15
32262448	■ D3.8 / L 18
32262450	■ D4.5 / L 8
32262451	■ D4.5 / L 9.5
32262452	■ D4.5 / L 11
32262453	■ D4.5 / L 13
32262455	■ D4.5 / L 15
32262458	■ D4.5 / L 18
32262460	■ D5.5 / L 8
32262461	■ D5.5 / L 9.5
32262462	■ D5.5 / L 11
32262463	■ D5.5 / L 13
32262465	■ D5.5 / L 15

Indications

- Single-tooth replacement
- Fixing bridges and prostheses
- XiVE® D 3.0: single tooth crowns in the front-tooth region and splinted single-tooth restorations

Healing mode

- Submerged or transgingival with gingival-forming components or temporary dentures

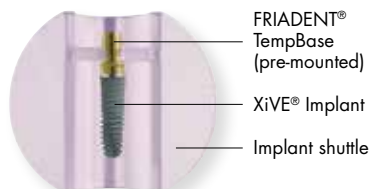
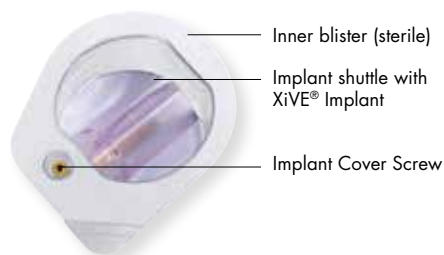
INSTRUMENTS

Insertion of implants:

XiVE® Implant Driver (page 20)

Loosening of TempBase Retaining Screw, Placement of Implant Cover Screw:

XiVE® Hex Driver 0.9 mm
(page 20)



Implant packaging

All XiVE® implants are delivered in double-sterile packaging (see page 6).

FRIADENT® TempBase

FRIADENT® TempBase

- Implant holder and placement head

FRIADENT® TempBase with TempBase Cap

- Transfer coping for index registration during surgery
- Basis for temporary restorations

The FRIADENT® TempBase is included with the implants.
The FRIADENT® TempBase Cap must be ordered separately.

INSTRUMENTS

Fixation and loosening of TempBase Retaining Screw,
Placement of Implant Cover Screw:
XiVE® Hex Driver 0.9 mm (page 20)

Order no.	Article
	FRIADENT® TempBase⁴ with TempBase Retaining Screw
32461220	■ D 3.0 ⁴
32461230	■ D 3.4 ⁴
32461240	■ D 3.8 ⁴
32461250	■ D 4.5 ⁴
32461260	■ D 5.5 ⁴
	FRIADENT® TempBase Cap²⁸
32461235	■ ■ ■ D 3.0 – D 3.8
32461255	■ D 4.5
32461265	■ D 5.5
	FRIADENT® TempBase Retaining Screw⁴
32461279	■ D 3.0
32461280	■ ■ ■ ■ D 3.4 – D 5.5
Order no.	Article
	FRIADENT® Implant Cover Screw²
32451120	■ D 3.0
32451130	■ D 3.4
32451140	■ D 3.8
32451150	■ D 4.5
32451160	■ D 5.5

XiVE® TG Implants

Order no.	Article
	XiVE® TG plus Transgingival Screw Implant (sterile) Screw Implant ³ , Placement Head
	32252431 ■ D 3.4 / L 9.5 32252432 ■ D 3.4 / L 11 32252433 ■ D 3.4 / L 13 32252435 ■ D 3.4 / L 15
	32252440 ■ D 3.8 / L 8 32252441 ■ D 3.8 / L 9.5 32252442 ■ D 3.8 / L 11 32252443 ■ D 3.8 / L 13 32252445 ■ D 3.8 / L 15
	32252450 ■ D 4.5 / L 8 32252451 ■ D 4.5 / L 9.5 32252452 ■ D 4.5 / L 11 32252453 ■ D 4.5 / L 13 32252455 ■ D 4.5 / L 15
	32251400 XiVE® TG Implant Cover Screw² ■ ■ ■ D 3.4 – D 4.5

Indications

- Single-tooth replacement
- Fixing bridges and prostheses

Healing mode

- Transgingival with XiVE® TG Implant
Cover Screw or non-functional/func-
tional immediate loading

INSTRUMENTS

Insertion of implants:

XiVE® TG Implant Driver (page 20)

Loosening of Adapter Screw, Placement of Implant Cover Screw:

XiVE® Hex Driver 0.9 mm (page 20)

XiVE® Surgical Kit

New customized surgical kits

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.

Integrated organizer for used instruments.

Can be easily and thoroughly cleaned.



 **XiVE® Round Drill**
D 3.0 */**
Order no. 32261110

 **XiVE® Ratchet Insert for Instruments */****
Order no. 32266120
and 2 open slots

XiVE® Ratchet */**
Order no. 32456020

 **XiVE® Implant Driver**
D 3.0 / S */**
Order no. 32266030
XiVE® Implant Driver for Implant and TempBase
D 3.4 / S */**
Order no. 32266040
XiVE® Implant Driver
D 3.8 – D 5.5 / S **
Order no. 32266050

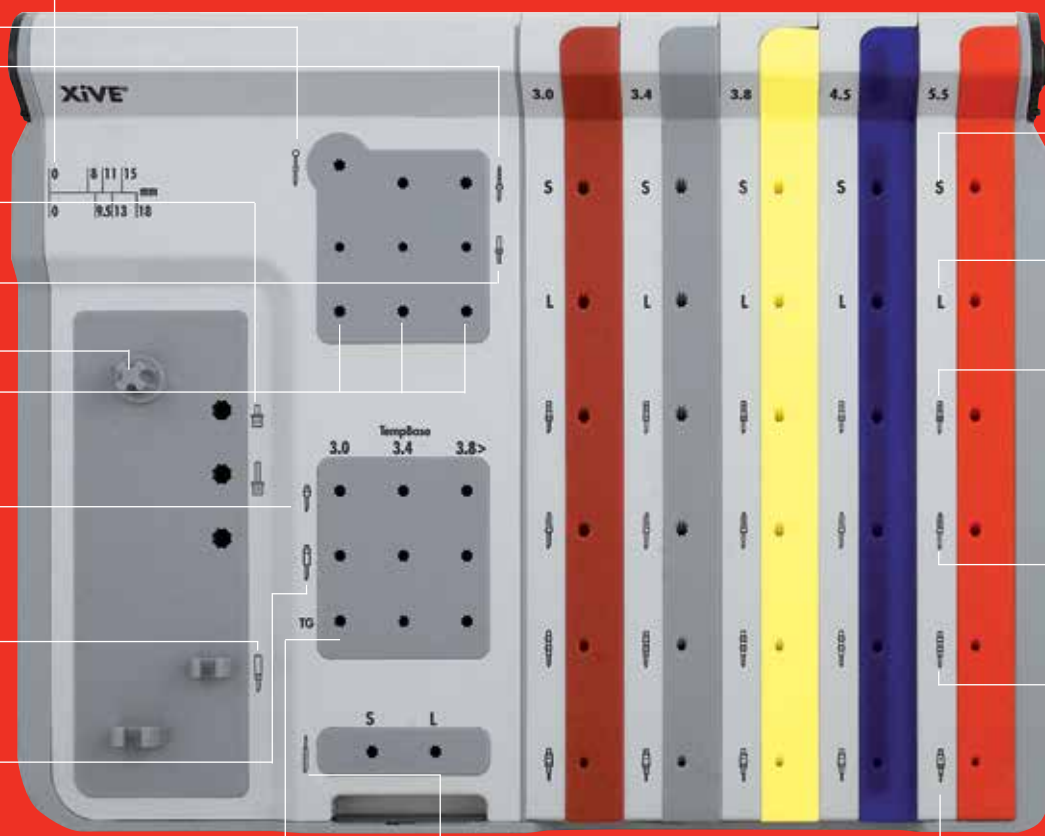
 **XiVE® Implant Driver**
D 3.0 / L *
Order no. 32266035
XiVE® Implant Driver for Implant and TempBase
D 3.4 / L *
Order no. 32266045
XiVE® Implant Driver
D 3.8 – D 5.5 / L
Order no. 32266055

 **XiVE® Twist Drill**
D 2.0 / S */**
Order no. 32261115
XiVE® Twist Drill
D 2.0 / L *
Order no. 32261118

 **3 FRIADENT® Paralleling Pins**
D 2.0 / D 3.0 */**
Order no. 32455106

3 open slots

 **XiVE® Extension Instrument */****
Order no. 32266130



TG XIVE® TG Implant Driver
Order no. 32256010 **
and 2 open slots

XIVE® Hex Driver
0.9 mm / S
Order no. 32266190 */**
XIVE® Hex Driver
0.9 mm / L
Order no. 32266195 *

FRIADENT® Select Try-in Abutment
D 3.0 / A 0 (straight)
D 3.4 / A 0 (straight)
D 3.8 / A 0 (straight)
D 4.5 / A 0 (straight)
D 5.5 / A 0 (straight)

Order no. 32452119 *
Order no. 32452120
Order no. 32452121
Order no. 32452122
Order no. 32452123

S XIVE® Twist Drill
D 3.0 / S Order no. 32261125
*/**
D 3.4 / S Order no. 32261135 **
D 3.8 / S Order no. 32261145 **
D 4.5 / S Order no. 32261155
D 5.5 / S Order no. 32261165

L XIVE® Twist Drill
D 3.0 / L Order no. 32261128*
D 3.4 / L Order no. 32261138
D 3.8 / L Order no. 32261148
D 4.5 / L Order no. 32261158
D 5.5 / L Order no. 32261168

XIVE® Twist Drill Crestal
D 3.0 Order no. 32261120 */**
D 3.4 Order no. 32261130 **
D 3.8 Order no. 32261140 **
D 4.5 Order no. 32261150
D 5.5 Order no. 32261160

XIVE® Tap
D 3.0 Order no. 32261122 */**
D 3.4 Order no. 32261132 **
D 3.8 Order no. 32261142 **
D 4.5 Order no. 32261152
D 5.5 Order no. 32261162

XIVE® Select Try-in Implant
D 3.0 Order no. 32261520 *
D 3.4 Order no. 32261530
D 3.8 Order no. 32261540
D 4.5 Order no. 32261550
D 5.5 Order no. 32261560

* Included in XIVE® Surgical Kit D 3.0 / S + L

** Included in XIVE® Surgical Kit D 3.0 – D 3.8 / S

All instruments are included in the XIVE® Surgical Kit
D 3.0 – D 5.5 / S + L

Scope of Supply XIVE® Surgical Kits	Tool Module	Drill Module D 3.0	Drill Module D 3.4 & D 3.8	Drill Module D 4.5 & D 5.5	Drill Module individual (empty)	Module Tray Insert
D 3.0 – D 5.5/S + L	•	•	•	•		
D 3.0 – D 3.8/S	•	•	•			•
D 3.0/S + L	•	•			•	•



XiVE® Surgical Kits

Order no.	Article
32267000	XiVE® Surgical Kit D 3.0 – D 5.5 / S+L      D 3.0 – D 5.5 All instruments required for the placement of XiVE® implants D 3.0 – D 5.5, length of instruments S (short) and L (long)
32267003	XiVE® Surgical Kit D 3.0 / S+L  D 3.0 All instruments required for the placement of XiVE® D 3.0 implants, length of instruments S (short) and L (long)
32265000	XiVE® Surgical Kit GS (Guided Surgery)     D 3.0 – D 4.5 All instruments required for computer-aided placement of XiVE® implants D 3.0 – D 4.5 of lengths L 8 – L 15

XiVE® Surgical Kit – Modules and Equipment

Order no.	Article
	XiVE® Drill Module (empty)
32267025	 D 3.0
32267035	 D 3.4
32267045	 D 3.8
32267055	 D 4.5
32267065	 D 5.5
32267200	XiVE® Tool Module (empty)
32267170	XiVE® Module Tray Insert
32267010	XiVE® Surgical Kit Tray (empty)
32265010	XiVE® Surgical Kit Tray GS (empty)

FRIOS® Surgical Set, Contra-angle Handpieces

FRIOS® Surgical Set

Order no.

Article

32906616

FRIOS® Unit S/i

Included: FRIOS® Unit S/i with hand-motor (cable length 1.8 m), tray for motor, stand, foot control, mains cable, hose set, hose rings (5 pieces), locking pin for motor



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

FRIOS® Hand and Contra-angle Pieces

Order no.

Article

32906721

FRIOS® Contra-angle Handpiece
WS-75 20:1, demountable

32906711

FRIOS® Contra-angle Handpiece
WI-75 20:1

32905030

FRIOS® Handpiece straight 1:1

32905050

FRIOS® Handpiece angled 1:1



FRIOS® Contra-angle Handpieces

- Patented hexagonal clamping system for trouble-free surgical procedures and less wear on instruments
- Demountable version with head that rotates 90° for access to difficult regions, also meets the most rigid hygiene requirements

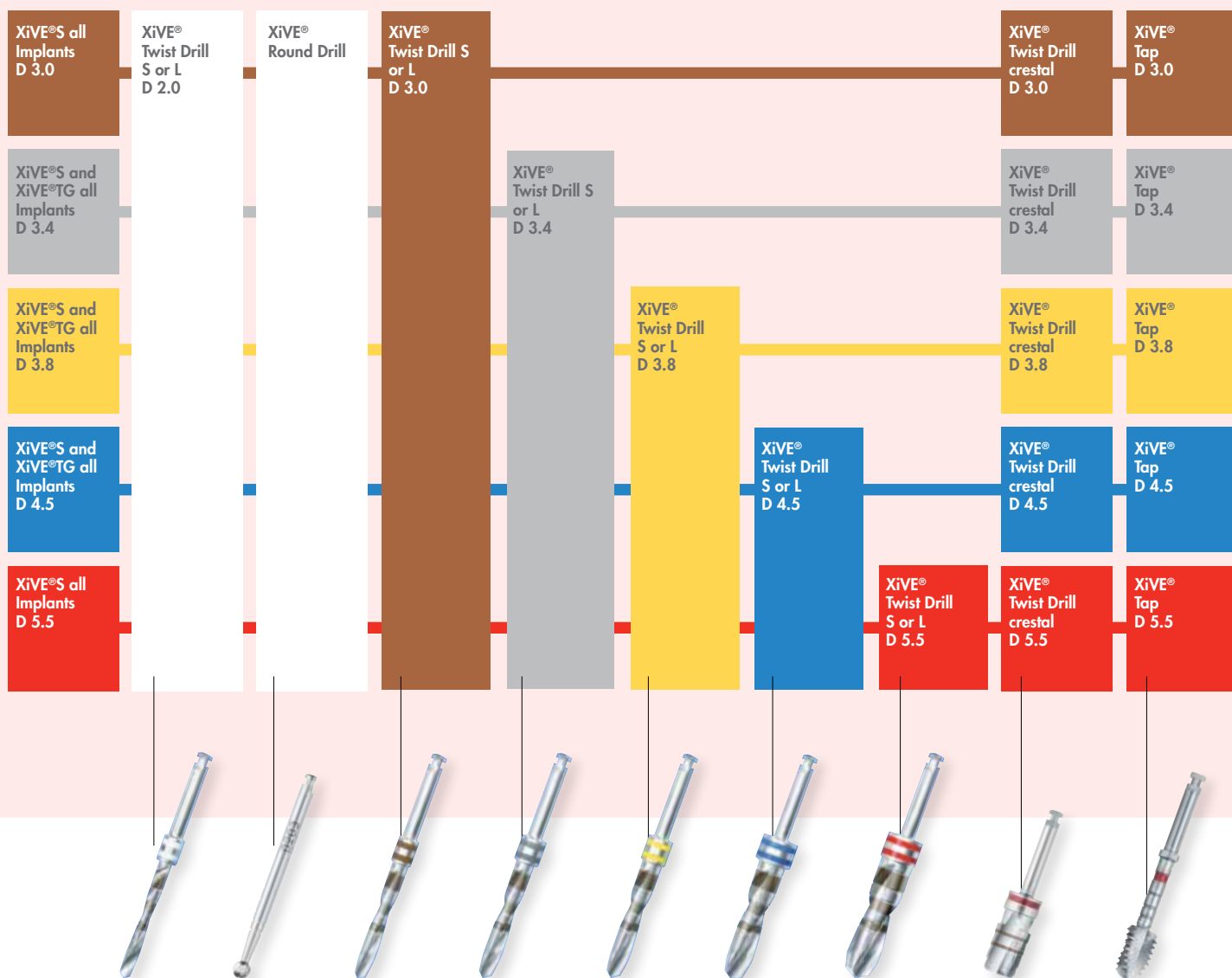
The XiVE® drill sequence

A successful implant placement requires precise and careful implant site preparation. Therefore, please follow our recommendations for drilling exactly.

Pilot hole: XiVE® D 2.0 Twist Drill

XiVE® Twist Drills and Twist Drills crestal are used at 800 rpm. During the preparation make sure drills are adequately internally and externally irrigated.

Optimum flow volume is guaranteed if separate sources are used for internal and external irrigation.



Marking: XiVE® Round Drill

Preparation of the implant site:

XiVE® Twist Drill

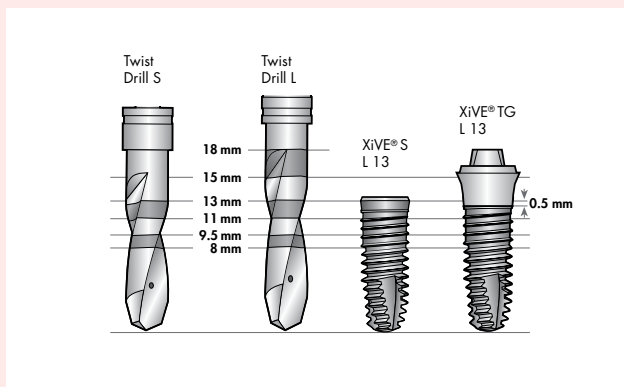
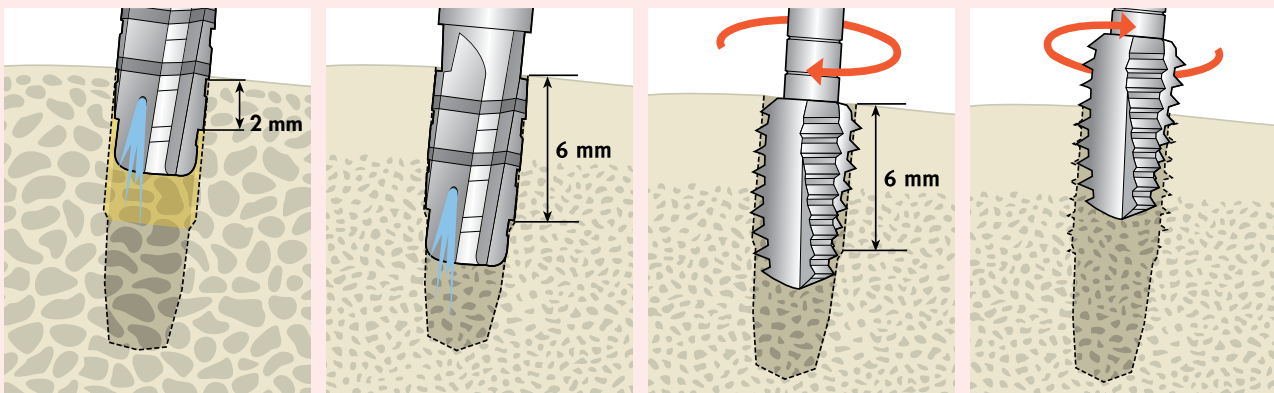
Starting with D 3.0 and increasing in diameter until the final implant diameter is reached.

1-2 | Crestal preparation to achieve the internal condensation effect: XiVE® Twist Drill crestal

The crestal drilling varies between 2 and 6 mm based on the bone quality. Thus, an optimal primary stability of the implant in all types of bone is achieved.

3-4 | If required, pre-tapping the implant thread:

In very cortical bone, pre-tapping of the implant site at 15 rpm is required in the crestal area after the initial 6 mm deep preparation. The XiVE® Tap can be used to reduce the crestal torque achieved during insertion of implants.



Option: XiVE® BoneCondenser

In cases of poor bone quality, XiVE® BoneCondensers can be used for lateral and apical implant site condensation.

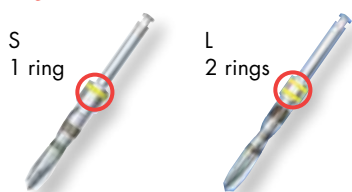
This improvement of bone quality and quantity enhances primary implant stabilization.

XiVE® Drills for multiple use

XiVE® Twist Drill S and L

- For implant site preparation up to the planned implant diameter
- With internal irrigation
- Adaptation of the XiVE® twist drills to the planned implant length with depth stops (page 17)

The XiVE® Twist Drills S and L are provided with color-coded marking rings for clear distinction.



XiVE® Twist Drill crestal

- For crestal implant site preparation according to the bone quality once the planned implant diameter has been reached
- The Twist Drill crestal always has to be used

XiVE® Tap

- For pre-tapping of the implant threads in cortical bone (D I)

Please note:

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

Continuing procedure:

The instruments for insertion and restoration of the implants are shown on page 20.

	Order no.	Article
	32261110	XiVE® Round Drill⁶
		XiVE® Twist Drill S⁶ (short) for implant lengths 8–15 mm
	32261115	□ D 2.0/ L 8 – 15
	32261125	■ D 3.0/ L 8 – 15
	32261135	■ D 3.4/ L 8 – 15
	32261145	■ D 3.8/ L 8 – 15
	32261155	■ D 4.5/ L 8 – 15
	32261165	■ D 5.5/ L 8 – 15
		XiVE® Twist Drill L⁶ (long) for implant lengths 8–18 mm
	32261118	□ D 2.0/ L 8 – 18
	32261128	■ D 3.0/ L 8 – 18
	32261138	■ D 3.4/ L 8 – 18
	32261148	■ D 3.8/ L 8 – 18
	32261158	■ D 4.5/ L 8 – 18
	32261168	■ D 5.5/ L 8 – 18
		XiVE® Twist Drill crestal⁶
	32261120	■ D 3.0
	32261130	■ D 3.4
	32261140	■ D 3.8
	32261150	■ D 4.5
	32261160	■ D 5.5
		XiVE® Tap⁶
	32261122	■ D 3.0
	32261132	■ D 3.4
	32261142	■ D 3.8
	32261152	■ D 4.5
	32261162	■ D 5.5

XiVE® Depth Stops for Twist Drills – Sets

Order no.	Article
32261200	XiVE® Expert Security Kit / S+L All depth stops required for using the universal XiVE® twist drills, lengths S (short) and L (long).

XiVE® Depth Stops

- Safe implant site preparation by adaptation of the universal XiVE® twist drills (multiple use) to the planned implant diameter

XiVE® Depth Stops for Twist Drills – Single articles

Order no.	Article
XiVE® Depth Stop S⁶ (short)	
32261210	☐  D 2.0 – D 3.0 / L 8
32261211	☐  D 2.0 – D 3.0 / L 9.5
32261212	☐  D 2.0 – D 3.0 / L 11
32261213	☐  D 2.0 – D 3.0 / L 13
32261215	☐  D 2.0 – D 3.0 / L 15
32261230	☐  D 3.4 – D 3.8 / L 8
32261231	☐  D 3.4 – D 3.8 / L 9.5
32261232	☐  D 3.4 – D 3.8 / L 11
32261233	☐  D 3.4 – D 3.8 / L 13
32261235	☐  D 3.4 – D 3.8 / L 15
32261250	☐  ☐  D 4.5 – D 5.5 / L 8
32261251	☐  ☐  D 4.5 – D 5.5 / L 9.5
32261252	☐  ☐  D 4.5 – D 5.5 / L 11
32261253	☐  ☐  D 4.5 – D 5.5 / L 13
32261255	☐  ☐  D 4.5 – D 5.5 / L 15
XiVE® Depth Stop L⁶ (long)	
32261310	☐  D 2.0 – D 3.0 / L 8
32261311	☐  D 2.0 – D 3.0 / L 9.5
32261312	☐  D 2.0 – D 3.0 / L 11
32261313	☐  D 2.0 – D 3.0 / L 13
32261315	☐  D 2.0 – D 3.0 / L 15
32261318	☐  D 2.0 – D 3.0 / L 18
32261330	☐  D 3.4 – D 3.8 / L 8
32261331	☐  D 3.4 – D 3.8 / L 9.5
32261332	☐  D 3.4 – D 3.8 / L 11
32261333	☐  D 3.4 – D 3.8 / L 13
32261335	☐  D 3.4 – D 3.8 / L 15
32261338	☐  D 3.4 – D 3.8 / L 18
32261350	☐  ☐  D 4.5 – D 5.5 / L 8
32261351	☐  ☐  D 4.5 – D 5.5 / L 9.5
32261352	☐  ☐  D 4.5 – D 5.5 / L 11
32261353	☐  ☐  D 4.5 – D 5.5 / L 13
32261355	☐  ☐  D 4.5 – D 5.5 / L 15
32261358	☐  ☐  D 4.5 – D 5.5 / L 18

The XiVE® Depth Stops S and L are provided with color-coded marking rings for clear distinction.

S
1 ring



L
2 rings



INSTRUMENTS

No instruments are required for placing and removing the XiVE® depth stops.

Other Instruments for Implant Site Preparation

Please note the instructions
for use!



Order no.

Article

XiVE® Trephine Drill⁶

32261129	■ D 3.0/ L 8 – L 18
32261139	■ D 3.4/ L 8 – L 18
32261149	■ D 3.8/ L 8 – L 18
32261159	■ D 4.5/ L 8 – L 18
32261169	■ D 5.5/ L 8 – L 18

FRIADENT® Paralleling Pin²
D 2.0/D 3.0

32455106

FRIADENT® Drill Cleaning Instrument⁶

32455280

FRIADENT® Drill Extension⁶

32910003

**FRIOS® Contra-angle Handpiece 20:1
Irrigation Tube**

32905047

Long Internal Irrigation Tube⁶
(for Drill Extension)

32905043

The drill extension must always be used
with the long internal irrigation tube.

XiVE® BoneCondenser – Sets

Order no.	Article
32261600	XiVE® Instrument-Set BoneCondenser straight and angled Tray with all XiVE® BoneCondensers, straight and angled
32261603	XiVE® Instrument-Set BoneCondenser straight Tray with all XiVE® BoneCondensers, straight
32261606	XiVE® Instrument-Set BoneCondenser angled Tray with all XiVE® BoneCondensers, angled

XiVE® BoneCondenser

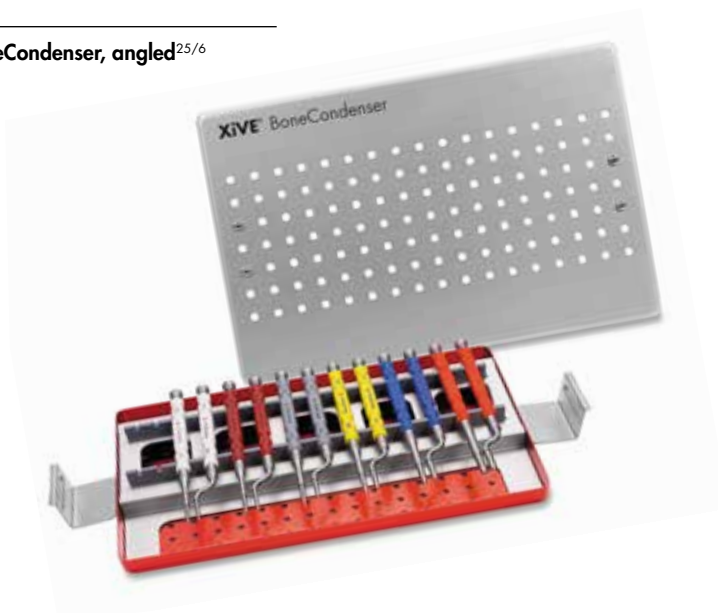
- For lateral and apical bone condensing in reduced bone quality
- For improving bone quality and quantity with increased primary stability of implants
- Universal length with depth marks at the working tips

XiVE® BoneCondenser, angled

- When limited space is available and for the posterior region

XiVE® BoneCondenser – Single articles

Order no.	Article
	XiVE® BoneCondenser, straight^{25/6}
32261610	□ D 2.0
32261620	■ D 3.0
32261630	■ D 3.4
32261640	■ D 3.8
32261650	■ D 4.5
32261660	■ D 5.5
	XiVE® BoneCondenser, angled^{25/6}
32261615	□ D 2.0
32261625	■ D 3.0
32261635	■ D 3.4
32261645	■ D 3.8
32261655	■ D 4.5
32261665	■ D 5.5



Instruments for Implant Placement

XiVE® Implant Drivers and Hex Drivers

- All instruments can be used either with the contra-angle handpiece or the XiVE® ratchet

For placing XiVE® S implants with the TempBase (standard procedure), only the XiVE® Implant Driver for XiVE S Implants D 3.4 and TempBase is needed, regardless of the implant diameter.

The implant drivers of other diameters are applied only when placing the implants using the implant internal geometry.

XiVE® Ratchet Insert for Instruments

- For fixing the instruments with ISO-shaft to the ratchet. These instruments can be used either with the contra-angle handpiece or the ratchet.

Surgical ratchet with torque indicator

- Increased safety for manual screwing of implants
- Readable torque indicator
- Adjustable clockwise and counterclockwise rotation

Order no.	Article
	XiVE® Implant Driver S⁶ (short)
	■ for XiVE® S implants D 3.0
	■ for XiVE® S implants D 3.4 and TempBase
32266030	
32266040	
32266050	■ ■ ■ for XiVE® S implants D 3.8 – D 5.5
	XiVE® Implant Driver L⁶ (long)
	■ for XiVE® S Implants D 3.0
	■ for XiVE® S Implants D 3.4 and TempBase
32266035	
32266045	
32266055	■ ■ ■ for XiVE® S Implants D 3.8 – D 5.5
	XiVE® TG Implant Driver⁶
	■ ■ ■ for XiVE® TG Implants D 3.4 – D 4.5
32256010	
	XiVE® Hex Driver⁶
	0.9 mm/S (short)
32266190	
32266195	0.9 mm/L (long)
32456020	XiVE® Ratchet⁶
32266120	XiVE® Ratchet Insert for Instruments⁶
32266130	XiVE® Extension Instrument⁶
32465880	FRIADENT® Implant Driver Manual long⁶
32456010	XiVE® Surgical Ratchet with Torque Indicator⁶

Instruments for Uncoversy

Order no.	Article
	FRIADENT® Tissue Punch⁶
	■ D 3.0
	■ D 3.4
	■ D 3.8
	■ D 4.5
32455665	
32455666	
32455660	
32455661	
32455662	■ D 5.5

XiVE® Drills for Guided Surgery

Order no.	Article
XiVE® Soft Tissue Punch⁶ GS	
	32265201  D 3.0 GS
	32265301  D 3.4 GS
	32265401  D 3.8 GS
	32265501  D 4.5 GS
XiVE® Initial Drill⁶ GS	
	32265202  D 3.0 GS
	32265302  D 3.4 GS
	32265402  D 3.8 GS
	32265502  D 4.5 GS
XiVE® Twist Drill⁶ GS	
	32265108  D2.0/L 8 GS
	32262208  D3.0/L 8 GS
	32265308  D3.4/L 8 GS
	32265408  D3.8/L 8 GS
	32265508  D4.5/L 8 GS
	32265195  D2.0/L 9.5 GS
	32265295  D 3.0 /L 9.5 GS
	32265395  D 3.4 /L 9.5 GS
	32265495  D 3.8 /L 9.5 GS
	32265595  D 4.5 /L 9.5 GS
	32265111  D 2.0 /L 11 GS
	32265211  D 3.0 /L 11 GS
	32265311  D 3.4 /L 11 GS
	32265411  D 3.8 /L 11 GS
	32265511  D 4.5 /L 11 GS
	32265113  D 2.0 /L 13 GS
	32265213  D 3.0 /L 13 GS
	32265313  D 3.4 /L 13 GS
	32265413  D 3.8 /L 13 GS
	32265513  D 4.5 /L 13 GS
	32265115  D 2.0 /L 15 GS
	32265215  D 3.0 /L 15 GS
	32265315  D 3.4 /L 15 GS
	32265415  D 3.8 /L 15 GS
	32265515  D 4.5 /L 15 GS

XiVE® Soft Tissue Punch GS

- For the minimally-invasive exposure of the surgical site

XiVE® Initial Drill GS (Guided Surgery)

- For removal of soft-tissue residue after use of the mucosa punch
- For smoothing the planned implant position (specific to the implant diameter)

XiVE® Twist Drill GS

- Drills in implant length for implant site preparation up to the planned implant diameter
- The drills are guided in the surgical template by the sleeve for twist drills (sleeve-on-drill system)

Please note:

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

Please note:

Instruments named "GS" are only for use with ExpertEase Guided Surgery procedures.

XiVE® Sleeves for Guided Surgery

Sleeves for Twist Drills

- For safe guidance of the drills in the surgical template (sleeve-on-drill system)

INSTRUMENTS

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

XiVE® Twist Drill crestal GS

- For crestal implant site preparation according to the bone quality once the planned implant diameter has been reached
- The Twist Drill crestal always has to be used

XiVE® Tap GS

- For pre-tapping of the implant threads in cortical bone (D I)

Order no.

Article

XiVE® Narrow sleeve for twist drill⁶ GS



32265105
32265205
32265305
32265405

☐ D 2.0
☐ D 3.0
☐ D 3.4
☐ D 3.8

XiVE® Narrow Sleeve for Twist Drill⁶ GS Set

32265605

☐ ☐ ☐ ☐ D 2.0 – D 3.8

XiVE® Wide Sleeve for Twist Drill⁶ GS



32265103
32265203
32265303
32265403
32265503

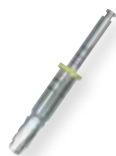
☐ D 2.0
☐ D 3.0
☐ D 3.4
☐ D 3.8
☐ D 4.5

XiVE® Wide Sleeve for Twist Drill⁶ GS Set

32265603

☐ ☐ ☐ ☐ ☐ D 2.0 – D 4.5

XiVE® Twist Drill crestal⁶ GS



32265020
32265030
32265040
32265050

☐ D 3.0 GS
☐ D 3.4 GS
☐ D 3.8 GS
☐ D 4.5 GS

XiVE® Tap⁶ GS



32265022
32265032
32265042
32265052

☐ D 3.0 GS
☐ D 3.4 GS
☐ D 3.8 GS
☐ D 4.5 GS

XiVE® Implant Drivers for Guided Surgery

Order no.	Article
	XiVE® Implant Driver G⁶ for TempBase
	32265700 short, narrow
	32265701 short, wide
	32265702 long, narrow
	3226703 long, wide
32265704	XiVE® Wide Sleeve for Implant Driver⁶ GS
32265705	XiVE® Narrow Sleeve for Implant Driver⁶ GS

XiVE® Implant Driver GS

- Available in two lengths as well as narrow and wide diameters for screwing in XiVE® S implants D 3.0 – D 4.5 via the TempBase
- Sleeves can be ordered separately as spare parts

Please see page 20 for more instruments for the insertion and restoration of XiVE® implants

XiVE® Stabilization Abutments

Order no.	Article
	XiVE® Stabilization AbutmentS⁶ GS for TempBase
	32265850 narrow
	32265852 wide

XiVE® Stabilization abutment GS for TempBase

- For securing the drill guide against lateral movement and twisting when preparing several implant sites.

XiVE® S | Prosthetic Components

The type of prosthetic restoration is selected according to the indication after the implants have healed or when they are uncovered.

A wide range of prefabricated components is available in the FRIADENT® prosthetics range – in implant diameters, various gingival heights, straight and angled.

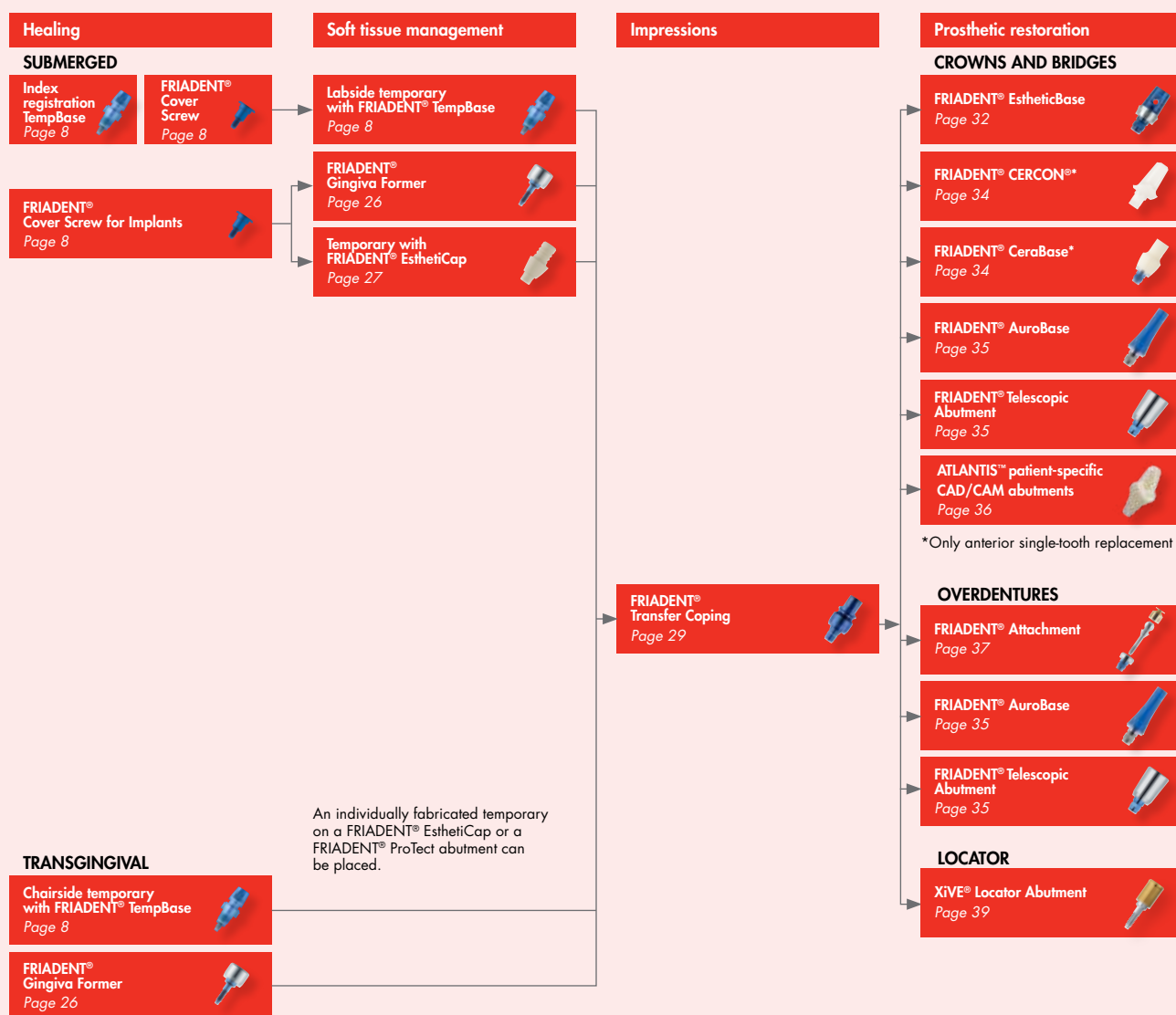
There are two basic procedures:

- The **“Esthetic” procedure** with fabrication of the superstructure at implant level
- The **“Multi-Purpose” procedure** with fabrication of the superstructure using the MP Abutment at gingiva level

“Esthetic” procedure

- For reconstructions in which the esthetic aspect is in the foreground
- For cemented-in and screw-retained single-tooth restorations and bridges and overdentures fixed to attachments
- For prosthetic restoration of D 3.0 implants (single-tooth crowns only)
- For fabrication of porcelain restorations (not available for all implant diameters)
- For difficult initial prosthetic situations that require customized solutions

The impression is made at implant level, the laboratory selects the prosthetic abutment.



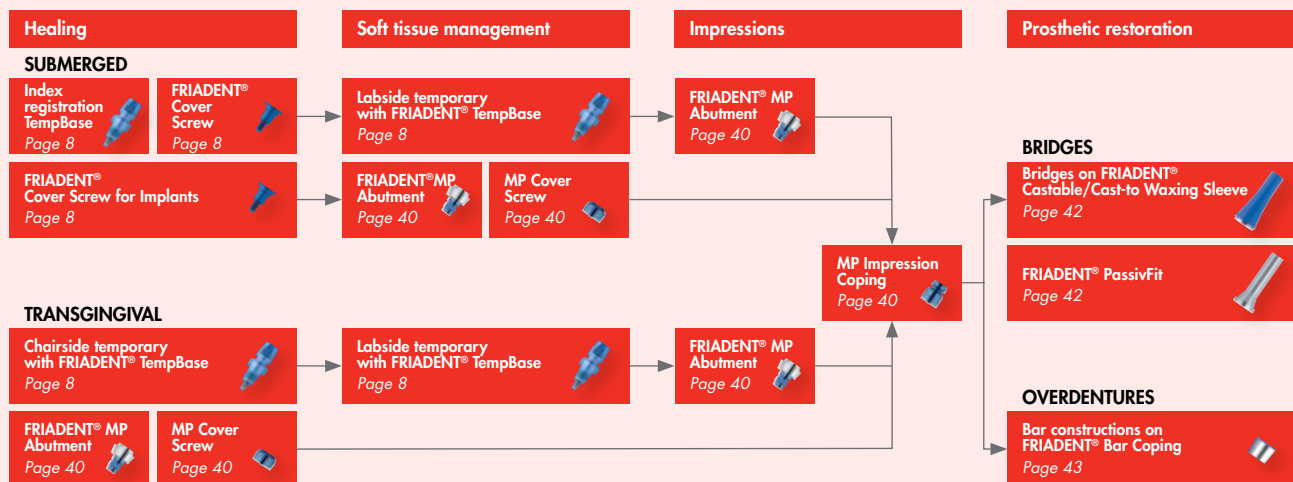
“Multi-Purpose” (MP) procedure

- For cases in which a simple and standardized procedure has priority and the function of the restoration is the primary concern
- For screw-retained bridge constructions and removable implant-borne prostheses

The dentist selects and positions the prosthetic abutment at chair-side before taking the impression.

The impression is made at gingiva level above the prosthetic abutment. The abutment then remains in the patient's mouth.

Please note: the Multi-Purpose procedure cannot be used to fabricate single-tooth crowns and implant-borne restorations on D 3.0. Cemented-in restorations are also not possible because of the restricted abutment height.



XiVE® S | Prosthetic Components “Esthetic”

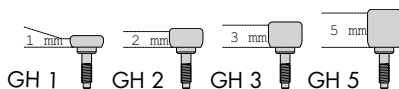
FABRICATION OF THE SUPERSTRUCTURE ON IMPLANT LEVEL

Soft Tissue Management,
Temporary Restorations

Gingiva Formers

FRIADENT® Gingiva Former

- For simple contouring of the peri-implant soft tissue
- Selection according to implant diameter (D) and gingival height (GH)



INSTRUMENTS

Placement of the Gingiva Former:

FRIADENT® Hex Driver 0.9 mm or
FRIADENT® Slot Screwdriver 2.0 mm
(page 51)



Order no.

Article

FRIADENT® Gingiva Former²

32451421 ■ D3.0 / GH 1
32451422 ■ D3.0 / GH 2
32451423 ■ D3.0 / GH 3
32451425 ■ D3.0 / GH 5

32451431 ■ D3.4 / GH 1
32451432 ■ D3.4 / GH 2
32451433 ■ D3.4 / GH 3
32451435 ■ D3.4 / GH 5

32451441 ■ D3.8 / GH 1
32451442 ■ D3.8 / GH 2
32451443 ■ D3.8 / GH 3
32451445 ■ D3.8 / GH 5

32451451 ■ D4.5 / GH 1
32451452 ■ D4.5 / GH 2
32451453 ■ D4.5 / GH 3
32451455 ■ D4.5 / GH 5

32451461 ■ D5.5 / GH 1
32451462 ■ D5.5 / GH 2
32451463 ■ D5.5 / GH 3
32451465 ■ D5.5 / GH 5

FRIADENT® Gingiva Former² Slim

FRIADENT® Gingiva Former Slim

- For perfect contouring of the soft tissue with limited mesio-distal space
- The Transfer Coping Slim is used to make impressions (page 29)



32451232 ■ D3.4 / GH 2
32451233 ■ D3.4 / GH 3
32451235 ■ D3.4 / GH 5

32451242 ■ D3.8 / GH 2
32451243 ■ D3.8 / GH 3
32451245 ■ D3.8 / GH 5

32451252 ■ D4.5 / GH 2
32451253 ■ D4.5 / GH 3
32451255 ■ D4.5 / GH 5

Temporary Restorations



Order no.	Article
	FRIADENT® EsthetiCap^{24/32} with Screw for EsthetiCap
32461730	■ D3.4 / oval
32461740	■ D3.8 / oval
32461745	■ D3.8 / triangular
32461750	■ D4.5 / oval
32461755	■ D4.5 / triangular
32461760	■ D5.5 / oval
32461765	■ D5.5 / triangular

FRIADENT® EsthetiCap

- For esthetically demanding temporary crowns and bridges
- Two anatomical cross-sections oval and triangular
- Customizable by grinding or laminating
- Cementable
- X-ray-opaque with zirconium oxide additives

INSTRUMENTS

Screwing in of EsthetiCap screw:

FRIADENT® Hex Driver
0.9 mm (page 51)

XiVE® S | Prosthetic Components “Esthetic”

FABRICATION OF THE SUPERSTRUCTURE ON IMPLANT LEVEL

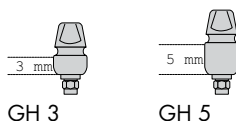
Impressions

Impressions – Sets

FRIADENT® Transfer Coping

- For transferring the implant position to the master model
- Available for PickUp (open tray) and transfer technique

The Transfer Coping GH 3 is used for gingiva up to 3 mm thick. Please use the Transfer Coping GH 5 for gingiva exceeding 3 mm thickness.



The head of the transfer copings is flattened on three sides.

Order no.

Article

FRIADENT® Lab Set PickUp Impression

Content: Transfer Coping, PickUp Guide Pin (D 3.0 with PickUp Guide Pin D 3.0), FRIADENT® TransferCap and Implant Analog.



32468223
32468225

■ D3.0 / GH 3
■ D3.0 / GH 5

32468233
32468235

■ D3.4 / GH 3
■ D3.4 / GH 5

32468243
32468245

■ D3.8 / GH 3
■ D3.8 / GH 5

32468253
32468255

■ D4.5 / GH 3
■ D4.5 / GH 5

32468263
32468265

■ D5.5 / GH 3
■ D5.5 / GH 5

FRIADENT® Lab Set Transfer Impression

Content: Transfer Coping, Standard Abutment Screw (D 3.0 with Standard Abutment Screw D 3.0), FRIADENT® TransferCap and Implant Analog



32468123
32468125

■ D3.0 / GH 3
■ D3.0 / GH 5

32468133
32468135

■ D3.4 / GH 3
■ D3.4 / GH 5

32468143
32468145

■ D3.8 / GH 3
■ D3.8 / GH 5

32468153
32468155

■ D4.5 / GH 3
■ D4.5 / GH 5

32468163
32468165

■ D5.5 / GH 3
■ D5.5 / GH 5

Impressions – Single Components

Order no.	Article
	FRIADENT® Transfer Coping (PickUp Technique) with PickUp Guide Pin (D 3.0 with PickUp Guide Pin D 3.0) and FRIADENT® TransferCap
32451625	■ D3.0 / GH 3 ⁴
32451622	■ D3.0 / GH 5 ⁴
32451635	■ D3.4 / GH 3 ²
32451632	■ D3.4 / GH 5 ²
32451645	■ D3.8 / GH 3 ²
32451642	■ D3.8 / GH 5 ²
32451655	■ D4.5 / GH 3 ²
32451652	■ D4.5 / GH 5 ²
32451665	■ D5.5 / GH 3 ²
32451662	■ D5.5 / GH 5 ²
	FRIADENT® Transfer Coping (Transfer Technique) with Standard Abutment Screw (D 3.0 with Standard Abutment Screw D 3.0) and FRIADENT® TransferCap
32451620	■ D3.0 / GH 3 ⁴
32451621	■ D3.0 / GH 5 ⁴
32451630	■ D3.4 / GH 3 ²
32451631	■ D3.4 / GH 5 ²
32451640	■ D3.8 / GH 3 ²
32451641	■ D3.8 / GH 5 ²
32451650	■ D4.5 / GH 3 ²
32451651	■ D4.5 / GH 5 ²
32451660	■ D5.5 / GH 3 ²
32451661	■ D5.5 / GH 5 ²
	FRIADENT® Transfer Coping Slim² (without screw)
32451239	■ D3.4
32451249	■ D3.8
32451259	■ D4.5

INSTRUMENTS

Screwing in of PickUp screw as well as abutment screw Standard and D 3.0:

FRIADENT® Hex screwdriver
1.22 mm or FRIADENT® Slot Screwdriver 2.0 mm (D 3.4 – D 5.5)
(page 51)

FRIADENT® Transfer Post narrow

- In cases with limited mesio-distal space
- For impressions following soft-tissue contouring with the Gingiva Former Slim (page 26)
- Please order PickUp Guide Pin or Standard Abutment Screw separately (page 30)

XiVE® S | Prosthetic Components “Esthetic”

FABRICATION OF THE SUPERSTRUCTURE ON IMPLANT LEVEL

Impressions

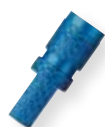
Impressions – Single Components

	Order no.	Article
	32461605	FRIADENT® PickUp Guide Pin⁴ ■ D 3.0
	32451615	FRIADENT® PickUp Guide Pin⁴ ■ ■ ■ ■ D 3.4 – D 5.5
	32464304	FRIADENT® Standard Abutment Screw⁴ ■ D 3.0
	32454305	FRIADENT® Standard Abutment Screw⁴ ■ ■ ■ ■ D 3.4 – D 5.5
		FRIADENT® TransferCap²⁰ Multi-Pack (3 pieces)
	32451629	■ D3.0
	32451639	■ D3.4
	32451649	■ D3.8
	32451659	■ D4.5
	32451669	■ D5.5

FRIADENT® TransferCap

- For utmost precision when making impressions
- Included in delivery of Transfer Copings PickUp and Transfer Technique

Implant Analogs



Order no.

Article

FRIADENT® Implant Analog⁵

32454020
32454030
32454040
32454050
32454060

■ D3.0
■ D3.4
■ D3.8
■ D4.5
■ D5.5

FRIADENT® Implant Analog

- For retaining the prosthetic components on the master model

Try-in Abutments



Order no.

Article

FRIADENT® Select Try-in Abutment²

32452119
32452120
32452121
32452122
32452123

■ D3.0 / A 0 (straight)
■ D3.4 / A 0 (straight)
■ D3.8 / A 0 (straight)
■ D4.5 / A 0 (straight)
■ D5.5 / A 0 (straight)

32452219
32452220
32452221

■ D3.0 / A 15 (angled 15°)
■ D3.4 / A 15 (angled 15°)
■ D3.8 / A 15 (angled 15°)

FRIADENT® Select Try-in Abutment

- Determination of gingival height, Angulation and position of horizontal screw (GH 2) for all FRIADENT® prosthetic abutments.

XiVE® S | Prosthetic Components “Esthetic”

FABRICATION OF THE SUPERSTRUCTURE ON IMPLANT LEVEL

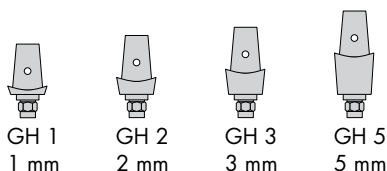
Prosthetics/Lab: Single-tooth Restorations and Bridges

EstheticBase Abutments

FRIADENT® EstheticBase

- For esthetically demanding single-tooth crowns and bridges
- Available straight or angled
- Customizable by grinding
- Cementable or screw-retained (horizontal or transversal)

Please note that the indication of the D 3.0 abutments is restricted to the anterior tooth region.



Horizontal Screw Retention

All FRIADENT® EstheticBase Abutments are provided with a horizontal thread (M 1.4).

An additional horizontal or transverse screw is necessary for horizontally screw-retained crowns (page 33).

INSTRUMENTS

Screwing in of screw for EstheticBase and abutment screw resp. D 3.0: FRIADENT® Hex Driver 1.22 mm (page 51).

We recommend the use of special titanium drills (Gebr. Brasseler, Lemgo or Jota, Düsseldorf) for preparing the abutments.



Order no.

Article

FRIADENT® EstheticBase straight / A 0

with Screw for EstheticBase
(D 3.0 Standard Abutment Screw D 3.0)

32462121	■ D3.0 / GH 1 ⁴
32462122	■ D3.0 / GH 2 ⁴
32462123	■ D3.0 / GH 3 ⁴
32462125	■ D3.0 / GH 5 ⁴

32462131	■ D3.4 / GH 1 ⁴
32462132	■ D3.4 / GH 2 ⁴
32462133	■ D3.4 / GH 3 ⁴
32462135	■ D3.4 / GH 5 ⁴

32462141	■ D3.8 / GH 1 ²
32462142	■ D3.8 / GH 2 ²
32462143	■ D3.8 / GH 3 ²
32462145	■ D3.8 / GH 5 ²

32462151	■ D4.5 / GH 1 ²
32462152	■ D4.5 / GH 2 ²
32462153	■ D4.5 / GH 3 ²
32462155	■ D4.5 / GH 5 ²

32462161	■ D5.5 / GH 1 ²
32462162	■ D5.5 / GH 2 ²
32462163	■ D5.5 / GH 3 ²
32462165	■ D5.5 / GH 5 ²

FRIADENT® EstheticBase angled / A 15

with Screw for EstheticBase
(D 3.0 Standard Abutment Screw D 3.0)

32462221	■ D3.0 / GH 1 ⁴
32462222	■ D3.0 / GH 2 ⁴
32462223	■ D3.0 / GH 3 ⁴
32462225	■ D3.0 / GH 5 ⁴

32462231	■ D3.4 / GH 1 ⁴
32462232	■ D3.4 / GH 2 ⁴
32462233	■ D3.4 / GH 3 ⁴
32462235	■ D3.4 / GH 5 ⁴

32462241	■ D3.8 / GH 1 ²
32462242	■ D3.8 / GH 2 ²
32462243	■ D3.8 / GH 3 ²
32462245	■ D3.8 / GH 5 ²

32462251	■ D4.5 / GH 1 ²
32462252	■ D4.5 / GH 2 ²
32462253	■ D4.5 / GH 3 ²
32462255	■ D4.5 / GH 5 ²

32462261	■ D5.5 / GH 1 ²
32462262	■ D5.5 / GH 2 ²
32462263	■ D5.5 / GH 3 ²
32462265	■ D5.5 / GH 5 ²

Screws for EstheticBase

	Order no.	Article
	32464304	FRIADENT® Standard Abutment Screw⁴ ■ D 3.0
	32464305	FRIADENT® Screw for EstheticBase⁴ ■ ■ ■ ■ D 3.4 – D 5.5
       	32464403	FRIADENT® Horizontal Screw Set Standard Horizontal Screw Standard ⁴ and Horizontal Screw Seat ⁸
	32464404	FRIADENT® Horizontal Screw Set Long Horizontal Screw Long ⁴ and Horizontal Screw Seat ⁸
	32464407	FRIADENT® Transverse Screw Set Standard Transverse Screw Standard ⁴ and Horizontal Screw Seat ⁸
	32464408	FRIADENT® Transverse Screw Set Long Transverse Screw Long ⁴ and Horizontal Screw Seat ⁸
	32464401	FRIADENT® Horizontal Screw Standard⁴
	32464402	FRIADENT® Horizontal Screw Long⁴
	32464405	FRIADENT® Transverse Screw Standard⁴
	43264406	FRIADENT® Transverse Screw Long⁴
	32454410	FRIADENT® Horizontal Screw Seat⁸

FRIADENT® Horizontal Screws

- Fixing the crown on the oral abutment wall

FRIADENT® Transverse Screws

- Fixing the crown on the oral and also the facial abutment wall
- Double thread length for optimum stability
- The horizontal screw is used as a transverse screw with D 3.0 and D 3.4 in this case to use a sufficient number of threads

The use of horizontal retaining screws with a long head is recommended particularly for molars, because the crown generally offers wider dimensional waxing.

INSTRUMENTS

Placement of Horizontal Screws:
FRIADENT® Hex Driver 0.9 mm
(page 51)

XiVE® S | Prosthetic Components “Esthetic”

FABRICATION OF THE SUPERSTRUCTURE ON IMPLANT LEVEL

Prosthetics/Lab: Single-tooth Restorations and Bridges

Ceramic Abutments

Please note that the indication for ceramic abutments is restricted to the front-tooth region.

FRIADENT® CERCON® Abutment

- For full-ceramic restorations with best possible tooth analogy in the anterior region
- Extremely stable with production from zirconium oxide ceramic
- Available straight or angled
- Customizable by grinding or casting
- Two shades of white, neutral or dentine
- Outstanding esthetics with brilliant light dynamics

INSTRUMENTS

Placement of screws:

FRIADENT® Hex Driver 1.22 mm (page 51)

We recommend using the ceramic-line Shaping Set by DeguDent for prepping the FRIADENT® CERCON® Abutments.

The grinding process of CERCON® Abutments requires irrigation.

FRIADENT® CeraBase

- Two-piece abutment for high-quality ceramic single-tooth restorations in the anterior region
- Ceramic sleeve with titanium core
- Available in two sizes (conical and anatomical)

INSTRUMENTS

Placement of Standard Abutment Screw:

FRIADENT® Hex Driver 1.22 mm or FRIADENT® Slot Screwdriver 2.0 mm (page 51)

Order no.	Article
	FRIADENT® CERCON® Abutment³² with screw
	straight / A 0
	32471141 ■ D3.8 / GH 1, neutral
	32472141 ■ D3.8 / GH 1, dentine
	32471151 ■ D4.5 / GH 1, neutral
	32472151 ■ D4.5 / GH 1, dentine
	32471142 ■ D3.8 / GH 2, neutral
	32472142 ■ D3.8 / GH 2, dentine
	32471152 ■ D4.5 / GH 2, neutral
	32472152 ■ D4.5 / GH 2, dentine
	FRIADENT® CERCON® Abutment³² angled / A 15 with screw
	32471241 ■ D3.8 / GH 1, neutral
	32472241 ■ D3.8 / GH 1, dentine
	32471251 ■ D4.5 / GH 1, neutral
	32472251 ■ D4.5 / GH 1, dentine
	32471242 ■ D3.8 / GH 2, neutral
	32472242 ■ D3.8 / GH 2, dentine
	32471252 ■ D4.5 / GH 2, neutral
	32472252 ■ D4.5 / GH 2, dentine
	FRIADENT® CeraBase Abutment with Standard Abutment Screw ⁴
	32452530 ■ D3.4 conical ^{30/4}
	32452531 ■ D3.4 anatomical ^{30/4}
	32452540 ■ D3.8 conical ^{30/3}
	3245 541 ■ D3.8 anatomical ^{30/3}
	32452550 ■ D4.5 conical ^{30/3}
	32452551 ■ D4.5 anatomical ^{30/3}
	32452560 ■ D5.5 conical ^{30/3}
	32452561 ■ D5.5 anatomical ^{30/3}

Cast-to Abutments

Order no.	Article
	FRIADENT® AuroBase^{20/8} with Standard Abutment Screw ⁴ (D 3.0 with Standard Abutment Screw D 3.0)
	■ D3.0
	■ D3.4
	■ D3.8
	■ D4.5
	■ D5.5

FRIADENT® AuroBase

- For difficult prosthetic situations requiring individual solutions for crowns, bridges and prostheses
- For compensation of severe axial divergencies
- For customized waxing from the top edge of the implant with thin gingiva

Telescopic Abutments

Order no.	Article
	FRIADENT® Telescopic Abutment with Standard Abutment Screw ⁴ (D 3.0 with Standard Abutment Screw D 3.0)
	■ D3.0 ⁴
	■ D3.4 ⁴
	■ D3.8 ²
	■ D4.5 ²
	■ D5.5 ²
32464304	FRIADENT® Standard Abutment Screw⁴ ■ D 3.0
32454305	FRIADENT® Standard Abutment Screw⁴ ■ ■ ■ ■ D 3.4 – D 5.5

FRIADENT® Telescopic Abutment

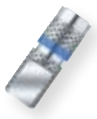
- For simple and economic fabrication of telescopic crowns for fixing prostheses and removable bridges
- For customized single-tooth crowns
- Compensation of axial divergencies with customizable milling techniques

The Telescopic Abutment can be veneered with titanium ceramics (e.g., Duceratin, Ducera or Vita Titankeramik, Vita Zahnfabrik) for occlusally screw-retained single crowns.

INSTRUMENTS

Screwing in of abutment screw Standard and D 3.0:

FRIADENT® Hex Driver 1.22 mm or
FRIADENT® Slot Screwdriver 2.0 mm
(page 51)

Order no.	Article
	FRIADENT® Milling Implant⁶
	■ D3.4
	■ D3.8
	■ D4.5
	■ D5.5

FRIADENT® Milling Implant

- Fixing the prosthetic components in the milling socket
- Implant analog made of special steel with stronger retainers to resist rotary forces generated by milling

XiVE® S | Prosthetic Components “Esthetic”

FABRICATION OF THE SUPERSTRUCTURE ON IMPLANT LEVEL

Prosthetics/Laboratory:
CAD/CAM Crowns and bridges

ATLANTIS –

PATIENT-SPECIFIC CAD/CAM PROSTHETIC SOLUTIONS FOR ABUTMENTS, BARS AND BRIDGES

For a more natural result, ATLANTIS patient-specific CAD/CAM abutments are uniquely designed using ATLANTIS VAD (Virtual Abutment Design) software and manufactured using a state-of-the-art milling process. ATLANTIS abutments are available in titanium, gold-shaded titanium and zirconia.

ATLANTIS ISUS implant suprastructures are produced using the latest developments in CAD/CAM technologies, and are supported by computer-based industrial and medical device expertise. ATLANTIS ISUS implant suprastructures are available in titanium and cobalt-chrome.

The ATLANTIS order is entered in the ATLANTIS WebOrder:
www.atlantisweborder.com.

For further information please contact your local DENTSPLY Implants representative.

Ball and Socket Attachment

Order no.	Article
	FRIADENT® Ball and Socket Attachment Attachment Insert ² , Attachment Screw ⁴ , Socket ⁹ , with blue silicone ring and white plastic ring. Ball diameter 3.0 mm.
	32453131 ■ D3.4 / GH 1 ⁴
	32453132 ■ D3.4 / GH 2 ⁴
	32453133 ■ D3.4 / GH 3 ⁴
	32453141 ■ D3.8 / GH 1 ²
	32453142 ■ D3.8 / GH 2 ²
	32453143 ■ D3.8 / GH 3 ²
	32453145 ■ D3.8 / GH 5 ²
	32453151 ■ D4.5 / GH 1 ²
	32453152 ■ D4.5 / GH 2 ²
	32453153 ■ D4.5 / GH 3 ²
	32453155 ■ D4.5 / GH 5 ²
	32453161 ■ D5.5 / GH 1 ²
	32453162 ■ D5.5 / GH 2 ²
	32453163 ■ D5.5 / GH 3 ²
	32453165 ■ D5.5 / GH 5 ²
	32453200 FRIADENT® Attachment Matrix⁹ ■ ■ ■ ■ D 3.4 – D 5.5
	32454105 FRIADENT® Attachment Patrix Analog⁵ universal ■ ■ ■ ■ D 3.4 – D 5.5
32453210	FRIADENT® Blue O-ring Spacer

FRIADENT® Ball and Socket Attachment

- For fixing overdentures in the mandible
- Simple protocol with option of chairside restoration
- Axial divergencies can be compensated

INSTRUMENTS

Placement of Insert:

FRIADENT® Seating Instrument for Attachment Insert and MP Insert (page 52)

Fixation of Attachment Screw:

FRIADENT® Hex Driver 1.22 mm (page 51)

Activating/Deactivating the

Attachment Matrix:

FRIADENT® Activator/Deactivator for Ball and Socket Attachment (page 52)

FRIADENT® Attachment Patrix Analog

- For repairing and relining overdentures
- Universal for all diameters

XiVE® S | Prosthetic Components “Esthetic”

FABRICATION OF THE SUPERSTRUCTURE ON IMPLANT LEVEL

Prosthetics/Lab: Overdentures

Ball and Socket Attachment

FRIADENT® Ball and Socket Attachment

- For fixing overdentures in the mandible
- Simple protocol with option of chairside restoration
- Axial divergencies can be compensated

INSTRUMENTS

Placement of Insert:

FRIADENT® Seating Instrument for Attachment Insert and MP Insert (page 52)

Fixation of Attachment Screw:

FRIADENT® Hex Driver 1.22 mm (page 51)

Activating/Deactivating the

Attachment Matrix:

FRIADENT® Activator/Deactivator for Ball and Socket Attachment (page 52)

FRIADENT® Attachment Patrix Analog

- For repairing and relining overdentures
- Universal for all diameters



Order no.

Article

FRIADENT® Ball and Socket Attachment
Attachment Insert², Attachment Screw⁴,
Socket⁹, with blue silicone ring and
white plastic ring

32453131	■ D3.4 / GH 1 ⁴
32453132	■ D3.4 / GH 2 ⁴
32453133	■ D3.4 / GH 3 ⁴

32453141	■ D3.8 / GH 1 ²
32453142	■ D3.8 / GH 2 ²
32453143	■ D3.8 / GH 3 ²
32453145	■ D3.8 / GH 5 ²

32453151	■ D4.5 / GH 1 ²
32453152	■ D4.5 / GH 2 ²
32453153	■ D4.5 / GH 3 ²
32453155	■ D4.5 / GH 5 ²

32453161	■ D5.5 / GH 1 ²
32453162	■ D5.5 / GH 2 ²
32453163	■ D5.5 / GH 3 ²
32453165	■ D5.5 / GH 5 ²



32453200	FRIADENT® Attachment Matrix⁹ ■ ■ ■ ■ D 3.4 – D 5.5
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32454105	FRIADENT® Attachment Patrix Analog⁵ universal ■ ■ ■ ■ D 3.4 – D 5.5
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32453210	FRIADENT® Blue O-ring Spacer
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LOCATOR®

Order no. Article

LOCATOR® Abutment⁴

32263301	■ D 3.4 / GH 1
32263302	■ D 3.4 / GH 2
32263303	■ D 3.4 / GH 3
32263304	■ D 3.4 / GH 4
32263305	■ D 3.4 / GH 5



32263311	■ D 3.8 / GH 1
32263312	■ D 3.8 / GH 2
32263313	■ D 3.8 / GH 3
32263314	■ D 3.8 / GH 4
32263315	■ D 3.8 / GH 5



32263321	■ D 4.5 / GH 1
32263322	■ D 4.5 / GH 2
32263323	■ D 4.5 / GH 3
32263324	■ D 4.5 / GH 4
32263325	■ D 4.5 / GH 5



32263331	■ D 5.5 / GH 1.3
32263332	■ D 5.5 / GH 2
32263333	■ D 5.5 / GH 3
32263334	■ D 5.5 / GH 4
32263335	■ D 5.5 / GH 5

LOCATOR® Replacement Male⁴¹ (4 pieces)

32453349	clear, strong retention
32453350	pink, light retention
3245 351	blue, extra light retention
32453360	extended range: gray, zero retention
32453352	extended range: green, strong retention
32453353	extended range: orange, light retention
32453354	extended range: red, extra light retention



32453355	LOCATOR® Impression Coping ⁴² (4 pieces)
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32453347	LOCATOR® Male Processing Package Titanium ⁴³ (2 pieces)
----------	--

32453348	LOCATOR® Male Processing Package Stainless steel ⁴⁴ (2 pieces)
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32453356	LOCATOR® Female Analog ⁴⁵ (4 pieces)
32453357	D 4
32453357	D 5

32453358	LOCATOR® Black Processing Replacement Male ⁴⁶ (4 pieces)
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32453359	LOCATOR® Block-Out Spacer ⁴⁷ (20 pieces)
----------	---



32453361	LOCATOR® Processing Spacer ⁴⁸ (4 pieces)
----------	---

32453340	LOCATOR® Core Tool ⁴⁹ 3-piece with LOCATOR® Abutment Holder Sleeve
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32453341	LOCATOR® Abutment Holder Sleeve ⁵⁰ (4 pieces)
----------	--

32453344	FRIADENT® LOCATOR® Insert for Prosthetic Ratchet ⁶
----------	---

32453345	LOCATOR® Angle Measurement Guide ⁵¹
----------	--

32453346	LOCATOR® Parallel Post ⁴⁶ (4 pieces)
----------	---

LOCATOR®

- Overdenture in toothless jaw on two implants
- Self-aligning design for easy fixation in the mouth with one click
- Low height to give more room, even under limited space conditions
- Flexible retention for individual determination of prosthesis fixation and balancing of axial divergencies up to 40°

INSTRUMENTS

Insert LOCATOR® abutment:

LOCATOR® Core Tool 3-piece or FRIADENT® LOCATOR® Insert for Prosthetic Ratchet (page 52)

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

XiVE® S | Prosthetic Components “Multi-Purpose”

FABRICATION OF THE SUPERSTRUCTURE ON GINGIVA LEVEL

Transgingival Extension,
Temporary Sealing

MP Abutment

FRIADENT® MP Abutment

- For simple and accurate fabrication of bridges with cast-to or, more economically, with castable waxing sleeve
- For fixing overdentures by bar construction
- Inserted abutments remain in the mouth, the laboratory operates on analogs
- Simplified supragingival impressions and scaffold try-in

The MP Abutment consists of MP Abutment Insert and MP Insert Screw. The appropriate MP Abutment is selected according to the gingival height. The number of grooves on the screw head indicates the gingival height of the matching Abutment Insert.

GH 1 = 1 ring
GH 2 = 2 rings
GH 3 = 3 rings
GH 5 = 5 rings



INSTRUMENTS

Placement of MP Abutment Inserts on the implant:

FRIADENT® Seating Instrument for Attachment Insert and MP Insert (page 52)

Fixation of MP Insert Screw:

FRIADENT® Seating Instrument for MP Insert Screw (page 52)

Placement of MP Cover Screw:

FRIADENT® Hex Driver 0.9 mm (page 51)



Order no.

Article

FRIADENT® MP Abutment

MP Abutment Insert and MP Insert Screw

32462831	■ D3.4 / GH 1 ⁴
32462832	■ D3.4 / GH 2 ⁴
32462833	■ D3.4 / GH 3 ⁴
32462835	■ D3.4 / GH 5 ⁴

32462841	■ D3.8 / GH 1 ^{2/4}
32462842	■ D3.8 / GH 2 ^{2/4}
32462843	■ D3.8 / GH 3 ^{2/4}
32462845	■ D3.8 / GH 5 ^{2/4}

32462851	■ D4.5 / GH 1 ^{2/4}
32462852	■ D4.5 / GH 2 ^{2/4}
32462853	■ D4.5 / GH 3 ^{2/4}
32462855	■ D4.5 / GH 5 ^{2/4}

32462861	■ D5.5 / GH 1 ^{2/4}
32462862	■ D5.5 / GH 2 ^{2/4}
32462863	■ D5.5 / GH 3 ^{2/4}
32462865	■ D5.5 / GH 5 ^{2/4}

FRIADENT® MP Cover Screw²

32461430	■ D3.4
32461440	■ D3.8
32461450	■ D4.5
32461460	■ D 5.5



MP Abutment angled, SmartFix™ concept

Order no.

Article

XiVE® MP Abutment angled⁴ / A 15

32462932	■ D 3.4 / GH 2
32462933	■ D 3.4 / GH 3
32462935	■ D 3.4 / GH 5

XiVE® MP Abutment angled⁴ / A 30

32463032	■ D 3.4 / GH 2
32463033	■ D 3.4 / GH 3

XiVE® MP Abutment angled⁴ / A 15

32462942	■ D 3.8 – D 5.5 / GH 2
32462943	■ D 3.8 – D 5.5 / GH 3
32462945	■ D 3.8 – D 5.5 / GH 5

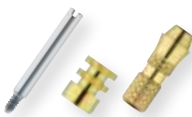
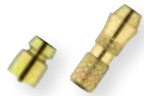
XiVE® MP Abutment angled⁴ / A 30

32463042	■ D 3.8 – D 5.5 / GH 2
32463043	■ D 3.8 – D 5.5 / GH 3

32463100	XiVE® MP Insert Head ⁴ (as spare part)
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Impressions – Sets

Order no.	Article
	FRIADENT® MP Lab Set PickUp Impression Content: MP PickUp Impression Coping, MP PickUp Guide Pin, MP Analog
	■ D 3.4 ■ D 3.8
	FRIADENT® MP Lab Set Transfer Impression Content: MP Transfer Impression Coping, MP Analog
	■ D 3.4 ■ D 3.8

Impressions – Single Components

Order no.	Article
	FRIADENT® MP PickUp Impression Coping²
	■ D 3.4 ■ D 3.8 ■ D 4.5 ■ D 5.5
	FRIADENT® MP Transfer Impression Coping²
	■ D 3.4 ■ D 3.8 ■ D 4.5 ■ D 5.5
	FRIADENT® MP PickUp Guide Pin⁴

FRIADENT® Impression Coping

- For transferring the abutment position of to the master model
- Available for PickUp (open tray) and transfer technique
- The pre-mounted MP Abutment remains in the implant when making impressions

INSTRUMENTS

Fixation of MP PickUp Guide Pin:
FRIADENT® Hex Driver 1.22 mm or
FRIADENT® Slot Screwdriver 2.0 mm
(page 51)

Placement of MP Transfer Impression Coping:
FRIADENT® Hex Driver 0.9 mm (page 51)

Implant Analog

Order no.	Article
	FRIADENT® MP Analog⁵
	■ D 3.4 ■ D 3.8 ■ D 4.5 ■ D 5.5

FRIADENT® MP Analog

- Included in delivery of the MP Lab Sets Impression
- Is forwarded to the lab with the impression

XiVE® S | Prosthetic Components “Multi-Purpose”

FABRICATION OF THE SUPERSTRUCTURE ON GINGIVA LEVEL

Prosthetics/Lab: Bridges

Bridges – Sets

Castable Waxing Sleeve:

Prior to bridge delivery, the contact surface between crown and abutment and the screw and screw seat are smoothed using the FRIADENT® Finishers.

Cast-to Waxing Sleeve:

Smoothing with finishers is not necessary.

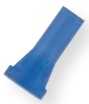
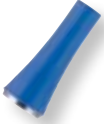
INSTRUMENTS

Placement of MP Screw for Waxing Sleeve:

FRIADENT® Hex Driver 1.22 mm or FRIADENT® Slot Screwdriver 2.0 mm (page 51)

Order no.	Article
	FRIADENT® MP Lab Set Bridge with Castable Waxing Sleeve Content: Castable Waxing Sleeve, MP Screw for Waxing Sleeve
32469530 32469540	D 3.4 D 3.8
	FRIADENT® MP Lab Set Bridge with Cast-to Waxing Sleeve Content: Cast-to Waxing Sleeve, MP Screw for Waxing Sleeve
32469930 32469940	D 3.4 D 3.8
	FRIADENT® PassivFit Set
32454830 32454840	D 3.4 D 3.8

Bridges – Single Components

Order no.	Article
	FRIADENT® Castable Waxing Sleeve²¹
32454330 32454340 32454350 32454360	D 3.4 D 3.8 D 4.5 D 5.5
	FRIADENT® Cast-to Waxing Sleeve^{20/8}
32454630 32454640 32454650 32454660	D 3.4 D 3.8 D 4.5 D 5.5
	FRIADENT® MP Screw for Castable Waxing Sleeve ⁴
32464300	D 3.4 – D 5.5

Soldering Analogs

Order no.	Article
 32454102	FRIADENT® Lab Set Soldering Analog for Bridge FRIADENT® Soldering Analog, universal and Soldering Screw for Bridge ■ ■ ■ ■ D 3.4 – D 5.5
32454103	FRIADENT® Soldering Analog⁴, universal ■ ■ ■ ■ D 3.4 – D 5.5
32454207	FRIADENT® Soldering Screw for Bridge⁴ ■ ■ ■ ■ D 3.4 – D 5.5

FRIADENT® Soldering Analog

- For securing the framework in the soldering base

Bars – Sets

Order no.	Article
 32469630 32469640	FRIADENT® MP Lab Set Gold Bar Coping Content: Gold Bar Coping, MP Coping Screw ■ D 3.4 ■ D 3.8
 32469637 32469647	FRIADENT® MP Lab Set Titanium Bar Coping Content: Titanium Bar Coping, MP Coping Screw ■ D 3.4 ■ D 3.8
 32469638 32469648	FRIADENT® MP Lab Set Castable Bar Coping Content: Castable Bar Coping, MP Coping Screw ■ D 3.4 ■ D 3.8

FRIADENT® MP Lab Sets Bar

- For fixing overdentures by bar construction
- Simple and standardized procedure with pre-fabricated round bars (see single components)

Customized milled bars are fabricated with castable crown bases (page 47).

XiVE® S | Prosthetic Components “Multi-Purpose”

FABRICATION OF THE SUPERSTRUCTURE ON GINGIVA LEVEL

Prosthetics/Lab: Bars

Bars – Single Components

FRIADENT® Bar Coping

- Gold alloy for soldering technique
- Titanium for laser welding
- Cast-to for customized waxing

INSTRUMENTS

Placement of MP Coping Screw:

FRIADENT® Hex Driver 1.22 mm
or FRIADENT® Slot Screwdriver 2.0 mm
(page 51)

Activating the Bar Clip:

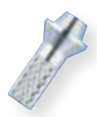
FRIADENT® Bar Clip Activator
(page 52)

Order no.	Article
	FRIADENT® Gold Bar Coping⁹ (without screw)
32454230	■ D 3.4
32454240	■ D 3.8
32454250	■ D 4.5
32454260	■ D 5.5
	FRIADENT® Titanium Bar Coping² (without screw)
32454231	■ D 3.4
32454241	■ D 3.8
32454251	■ D 4.5
32454261	■ D 5.5
	FRIADENT® Castable Bar Coping²¹ (without screw)
32454530	■ D 3.4
32454540	■ D 3.8
32454550	■ D 4.5
32454560	■ D 5.5
	FRIADENT® MP Coping Screw⁴ ■ ■ ■ ■ D 3.4 – D 5.5
	FRIADENT® Gold Bar round⁹ 50 mm length
	FRIADENT® Titanium Bar round² 50 mm length
	FRIADENT® Gold Bar Clip⁹ 50 mm length

Soldering Analogs

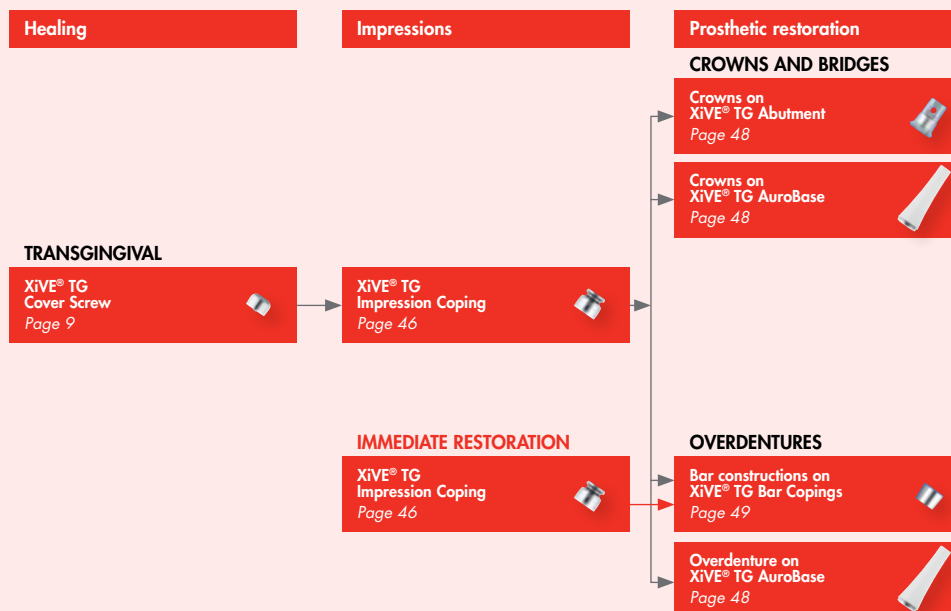
FRIADENT® Soldering Analog

- For securing the framework in the soldering base

Order no.	Article
	FRIADENT® Lab Set Soldering Analog for Bar FRIADENT® Soldering Analog, universal and Soldering Screw for Bar ■ ■ ■ ■ D 3.4 – D 5.5
32454103	FRIADENT® Soldering Analog⁶ universal ■ ■ ■ ■ D 3.4 – D 5.5
32454206	FRIADENT® Soldering Screw for Bar⁴ ■ ■ ■ ■ D 3.4 – D 5.5

XiVE® TG | Prosthetic Components

Special XiVE® TG prosthetic components are available for prosthetic restoration of transgingival XiVE® TG implants. The prosthetic diameter is identical for all implant diameters.



If, in cases of implant divergencies, a transfer of the head square is not required, the FRIADENT® MP Transfer Impression Coping D 3.8 is used (page 41). This impression coping is compatible with all diameters of XiVE® TG.

INSTRUMENTS

Fixation of TG PickUp Guide Pin:
FRIADENT® Hex Driver
1.22 mm or FRIADENT® Slot
Screwdriver 2.0 mm (page 51)

Impressions – Single Components

	Order no.	Article
	32251805	XiVE® TG Pickup Impression Coping² ■ ■ ■ D 3.4 – D 4.5 with Pickup Guide Pin
	32251600	XiVE® TG Transfer Impression Coping² ■ ■ ■ D 3.4 – D 4.5
	32251605	XiVE® TG Transfer Impression Coping (short)² ■ ■ ■ D 3.4 – D 4.5
	32251701	XiVE® TG Pickup Guide Pin⁴ ■ ■ ■ D 3.4 – D 4.5

Implant Analogs

	Order no.	Article
	32254010	XiVE® TG Implant-Soldering Analog⁶ ■ ■ ■ D 3.4 – D 4.5

XiVE® TG Implant-Soldering Analog

■ For retaining the prosthetic components on the master model as well as for securing the framework in the soldering base

Bridges – Single Components



Order no.	Article
32254245	XiVE® TG Castable Waxing Sleeve²¹ ■ ■ ■ D 3.4 – D 4.5 with TG Abutment Screw
32254246	XiVE® TG Cast-to Waxing Sleeve^{20/8} ■ ■ ■ D 3.4 – D 4.5 with TG Abutment Screw
32254300	XiVE® TG Abutment Screw⁴ ■ ■ ■ D 3.4 – D 4.5

INSTRUMENTS

**Placement of TG Abutment Screw
for XiVE® TG Abutment and AuroBase:**
FRIADENT® Hex Driver
1.22 mm or FRIADENT® Slot
Screwdriver 2.0 mm (page 51)

Soldering Analogs



Order no.	Article
32254105	XiVE® TG Lab Set Soldering Analog Bridge ■ ■ ■ D 3.4 – D 4.5 TG Implant-Soldering Analog with TG Abutment Screw

XiVE® TG | Prosthetic Components

Prosthetics/Lab: Bridges and Single-tooth Restorations

Esthetic Abutments

XiVE® TG Abutment

- For fabrication of single-tooth crowns and bridges
- Available straight and angled
- Customizable by grinding
- Horizontally screw-retained

Horizontal Screw

All XiVE® TG Abutments are provided with a horizontal thread (M 1.4).

An additional horizontal or transverse screw is necessary for horizontally screw-retained crowns (page 33).

We recommend the use of special titanium drills (Gebr. Brasseler, Lemgo or Jota, Düsseldorf) for preparing the abutments.

	Order no.	Article
	32254500	XiVE® TG Abutment² straight / A 0 ■ ■ ■ D 3.4 – D 4.5 with TG Abutment Screw
	32254510	XiVE® TG Abutment² angled / A 15 ■ ■ ■ D 3.4 – D 4.5 with TG Abutment Screw

Cast-to Abutment

XiVE® TG AuroBase

- For customized shaping of crowns and bridge abutments
- For compensation of axial divergencies

INSTRUMENTS

Placement of TG Abutment Screw for XiVE® TG Abutment and AuroBase:

FRIADENT® Hex Driver 1.22 mm or
FRIADENT® Slot Screwdriver 2.0 mm
(page 51)

	Order no.	Article
	32254520	XiVE® TG AuroBase^{20/8} ■ ■ ■ D 3.4 – D 4.5 with TG Abutment Screw
	32254300	XiVE® TG Abutment Screw⁴ ■ ■ ■ D 3.4 – D 4.5

Bar – Single Components

	Order no.	Article
	32254240	XiVE® TG Gold Bar Copping⁹ ■ ■ ■ D 3.4 – D 4.5 with TG Copping Screw
	32254241	XiVE® TG Titanium Bar Copping² ■ ■ ■ D 3.4 – D 4.5 with TG Copping Screw
	32254242	XiVE® TG Castable Bar Copping²¹ ■ ■ ■ D 3.4 – D 4.5 with TG Copping Screw
	32254200	XiVE® TG Copping Screw⁴
	32454210	FRIADENT® Gold Bar round⁹ 50 mm length
	32454212	FRIADENT® Titanium Bar round² 50 mm length
	32454215	FRIADENT® Gold Bar Clip⁹ 50 mm length

FRIADENT® Bar Copings

- Gold alloy for soldering technique
- Titanium for laser welding
- Cast-to for customized waxing

INSTRUMENTS

Placement of TG Copping Screw:

FRIADENT® Hex Driver 1.22 mm
or FRIADENT® Slot Screwdriver 2.0 mm
(page 51)

Activating the Bar Clip:

FRIADENT® Bar Clip Activator
(page 52)

Soldering Analogs

	Order no.	Article
	32254106	XiVE® TG Lab Set Soldering Analog Bar⁶ ■ ■ ■ D 3.4 – D 4.5 TG Implant-Soldering Analog with TG Copping Screw

Instrument Sets

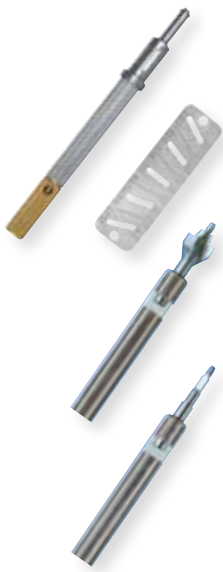
Order no.	Article
32467000	FRIADENT® Prosthetic Set Mini The Prosthetic Set Mini includes all instruments required for the prosthetic delivery of implant restorations ("Esthetic" protocol). Content: FRIADENT® Ratchet Ratchet Hex Driver 0.9 mm/short Ratchet Hex Driver 1.22 mm/short
32268020	XiVE® Basic Set Prosthetics The set includes all instruments required for impression making and prosthetics. The instruments are supplied in the XiVE® Prosthetic Tray. Content: FRIADENT® Ratchet Handpiece Hex Driver 0.9 mm/short Handpiece Hex Driver 0.9 mm/long Handpiece Hex Driver 1.22 mm/short Handpiece Hex Driver 1.22 mm/long Handle for Handpiece Hex Driver Ratchet Hex Driver 0.9 mm/short Ratchet Hex Driver 0.9 mm/long Ratchet Hex Driver 1.22 mm/short Ratchet Hex Driver 1.22 mm/long Seating Instrument for Attachment Insert and MP Insert Handpiece Seating Instrument for MP Insert Screw Ratchet Seating Instrument for MP Insert Screw Insertion Tool EstheticBase FRIADENT® Select Try-in Abutment D 3.0/A 0 FRIADENT® Select Try-in Abutment D 3.4/A 0 FRIADENT® Select Try-in Abutment D 3.8/A 0 FRIADENT® Select Try-in Abutment D 4.5/A 0 FRIADENT® Select Try-in Abutment D 5.5/A 0 FRIADENT® Select Try-in Abutment D 3.0/A 15 FRIADENT® Select Try-in Abutment D 3.4/A 15 FRIADENT® Select Try-in Abutment D 3.8/A 15
32268025	XiVE® Prosthetic Tray (empty)



Single Instruments

	Order no.	Article	
	32455709	FRIADENT® Ratchet^o without inserts	
	32455732 32455733 32455734 32455736	FRIADENT® Ratchet Hex Driver^o with torque limit Width 0.9 mm/14 Ncm/short Width 0.9 mm/14 Ncm/long Width 1.22 mm/24 Ncm/short Width 1.22 mm/24 Ncm/long	
	32455714 32455722	FRIADENT® Ratchet Slot Screwdriver^o with torque limit Blade width 2.0 mm/14 Ncm/short Blade width 2.0 mm/14 Ncm/long	
	32465710 32465720 32465711 32465721	FRIADENT® Handpiece HexDriver^o Width 0.9 mm/short Width 0.9 mm/long Width 1.22 mm/short Width 1.22 mm/long	
	32465750	FRIADENT® Handle for Handpiece Hex Driver^o	This handle fits all contra-angle handpiece drivers.
	32455650	FRIADENT® Hex Driver^o without torque limit width 0.9 mm	The 0.9 mm FRIADENT® Hex Driver without torque limit is recommended for regions with limited access.

Single Instruments

	Order no.	Article
	32455605	FRIADENT® Seating Instrument² for Transfer Coping
	32455617	FRIADENT® Seating Instrument² for Attachment Insert and MP Insert
	32465610	FRIADENT® Ratchet Seating Instrument⁶ for MP Insert Screw with torque limit
	32465615	FRIADENT® Handpiece Seating Instrument⁶ for MP insert screw for contra-angle handpiece
	32455621	FRIADENT® Activator⁶ for Ball and Socket Attachment
	32455622	FRIADENT® Deactivator⁶ for Ball and Socket Attachment
	32453340	LOCATOR® Core Tool⁴⁹ 3-piece
	32453344	FRIADENT® LOCATOR® Insert for Prosthetic Ratchet⁶
	32453345	LOCATOR® Angle Measurement Guide⁵¹
	32455623	FRIADENT® Bar Clip Activator⁶
	32455702	FRIADENT® Finisher⁶/¹⁰ for Horizontal Screw Set
		FRIADENT® Finisher⁶/¹⁰ for Abutment Seat for Screw-retained Superstructures
	32455705 32455707	■ ■ ■ D 3.4 – D 4.5 ■ D 5.5
	32455700	FRIADENT® Finisher⁶/¹⁰ for Screw Head Seat for Screw-retained Superstructures
	32455623	
	32455621	
	32455622	

Materials

Metals

Type	Index	Composition
Titanium	1	Ti grade 1
Titanium	2	Ti grade 2
Titanium	3	Ti grade 4
Titanium	4	Ti6Al4V grade 5
Aluminium	5	AlMg ₃
Stainless steel	6	Surgical Steel
Stainless steel	49	316L SS SS/303 SE
Stainless steel	51	316L SS
Brass	7	CuZn
Cast-to alloy*	8	Au: 60%, Pt: 19%, Pd: 20%, Ir: 1%
Gold alloy**	9	Au: 68,6%, Pt: 2,4%, Pd: 4%, Ag: 11,8%, Cu: 10,6%, Ir: 0,1%, Zn: 2,5%
Hard metal	10	K 40
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 Aluminum
Brass/Polyoxymethylene	48	MS-002, DELRIN, 1/4"
Brass/Polysulfon	50	MS-013-1 POLYSULFONE (3/8")

* TEC $11.9 \times 10^{-6} \text{ K}^{-1}$, pre-heating temperature < 850°C, cast temperature < 1450°C; ** melting interval from 880 – 940°C

Plastics

Type	Index	Composition
Polyoxymethylene (POM)	20	
Polymethylmethacrylate (PMMA)	21	
Polystyrene	22	
Polytetrafluorethylene	23	
Polyetheretherketone (PEEK)	24	
Polyetherimide	25	
Silicone	26	
Silicone	47	Silicone Rubber
Polycarbonate	27	
Polypropylene	28	
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
Aluminium oxide	30	Al ₂ O ₃
Hydroxyapatite	31	Ca ₅ (PO ₄) ₃ OH
Zirconium oxide	32	ZrO ₂

Returned goods policy

- Authorization for return must be received from DENTSPLY Implants prior to the return of any products. Returns are not accepted without an RT number (see below).
- Product returned must have all manufacturer's packaging and seals intact and must be received within 60 days of date of invoice to be eligible for full credit or replacement.
- Products returned after 60 days will be subject to a 15% restocking charge.
- No product will be approved for return after 120 days of invoice date.
- Freight charges will not be credited.

Call our Customer Service Department at 800-531-3481 or 866-427-8327 (bilingual) to obtain a Return Tracking (RT) number and shipping instructions.

Notes

About DENTSPLY Implants

DENTSPLY Implants offers comprehensive solutions for all phases of implant therapy, including ANKYLOS®, ASTRA TECH Implant System™ and XiVE® implant lines, digital technologies such as ATLANTIS™ patient-specific CAD/CAM solutions, SIMPLANT® guided surgery, SYMBIOS® regenerative solutions, and professional development programs. DENTSPLY Implants creates value for dental professionals, and allows for predictable and lasting implant treatment outcomes, resulting in enhanced quality of life for patients.

About DENTSPLY International

DENTSPLY International Inc. is a leading manufacturer and distributor of dental and other healthcare products. For over 110 years, DENTSPLY's commitment to innovation and professional collaboration has enhanced its portfolio of branded consumables and small equipment. Headquartered in the United States, the Company has global operations with sales in more than 120 countries.