



**Product Catalogue**

# Content

## Product/Product group ..... Page

Abutment overview .....	19
Abutments platform S/L.....	20/22
Abutment screw .....	20/22
CAM Preform S/L (NEM) + (Titan) .....	21/23
Conical magnetics S .....	25
Counter insertion abutment .....	18
Depth probe .....	37
DIM analogs FairOne .....	13
DIM analogs FairTwo S/L .....	21/23
Direction indicators .....	37
Drills .....	34/35
Drill extension.....	37/49
Drill probe .....	37
FairOne implant sizes .....	11
FairTwo implant sizes .....	17
FairWhite implant sizes .....	45
FairWhite drills .....	47
FairWhite tray .....	49
Gingiva protection incl. impression coping ...	49
Healing Abutment S+L.....	20/22
Hex driver FairTwo .....	18
Impression cap FairOne .....	12
Impression coping platform S/L .....	21/23

## Product/Product group ..... Page

Insertion tools FairOne/ FairTwo.....	12/18
Instrument Kits .....	38/39
Laboratory implants FairOne.....	13
Laboratory implants FairTwo S/L .....	21/23
Laboratory analogs FairWhite .....	49
LOCATOR® and equipment .....	28/29
LOCATOR® R-Tx and equipment.....	30/31
Material samples .....	43
Multi length drills .....	32/33
Multi-Unit-Abutments .....	24
Osteotomes .....	36
Overview titanium implants .....	6/7
Overview complete system .....	26/27
Overview speeds and torques .....	50/51
Probe for excision .....	37
Ratchet and equipment .....	36
Scanbody platform S/L .....	21/23
Screw tap .....	35
Soft tissue punch (excision).....	37
System accessory .....	40/41
Take-out tool platform S/L .....	18
TiBase CAM ce S/L .....	21/23



# The Implant System

With FairImplant you will find a system for almost all indications.

The system supports single-phase and two-phase treatments, minimally invasive techniques, offers instruments for different bone qualities and achieves a remarkable primary stability.

A variety of implant sizes in excellent manufacturing quality are available in pure titanium or high-strength zircon.

Implant bed preparation - whether for FairOne, FairTwo or FairWhite - is performed with the same instruments. This is undoubtedly practical and saves resources.

Most recently, we have improved the design of the FairWhite ceramic implant in terms of the achievable fatigue strength and primary stability. In addition, the ceramic system has been supplemented by the Parallel variant with many biological advantages.

We develop the system in close cooperation with our customers continuously. Therefore your feedback is always welcome.

Your *FairImplant-Team*

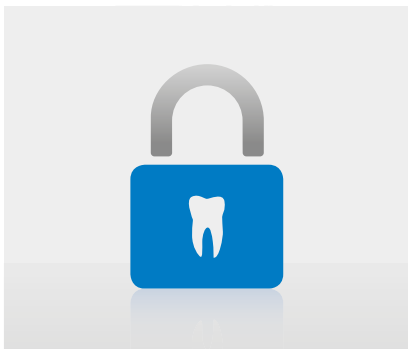


# Biological • Reliable • Economical • *Fair*



## Biological

- IBIC (immediate bone-to-implant contact)
- FairOne™: taking the biological width into consideration
- FairTwo™: virtually one piece due to a conical internal connection
- Special surface roughness for mucosal apposition
- adsorbable CaP coating for accelerated osseointegration (BONIT®)
- Implant in the shape of a tooth root
- Implant and abutments made of medical grade 4 pure titanium
- Instruments for minimally invasive surgical procedures



## Reliable

- Drills self-centring and extremely smooth running
- Implant shape supports borderline indications (low bone quality and height, narrow situation, sinus lift, bone spreading)
- Instrumentarium for hard and soft bone
- Abutment screws are safeguarded against falling out accidentally
- Impression posts can only be screwed into the correct final position
- Proven, excellent fabrication quality without residue
- Patented rotational security with FairTwo™



## Economical

- Single-stage treatment with FairOne™ or FairTwo™ using the insertion abutment significantly reduces the overall treatment costs in comparison to submerged healing with regard to chair times, material costs and laboratory work
- Reasonably priced treatment options are available in the case of submerged healing using LOCATOR® or One-Piece abutments
- The quiet-running drills have very high service lives and are excellent for collecting bone chips
- Only one system for virtually all indications



## Fair

- Competent advice
- Highest fabrication quality
- Systematic, continuously developed system at a fair price



## The FairImplant™ System

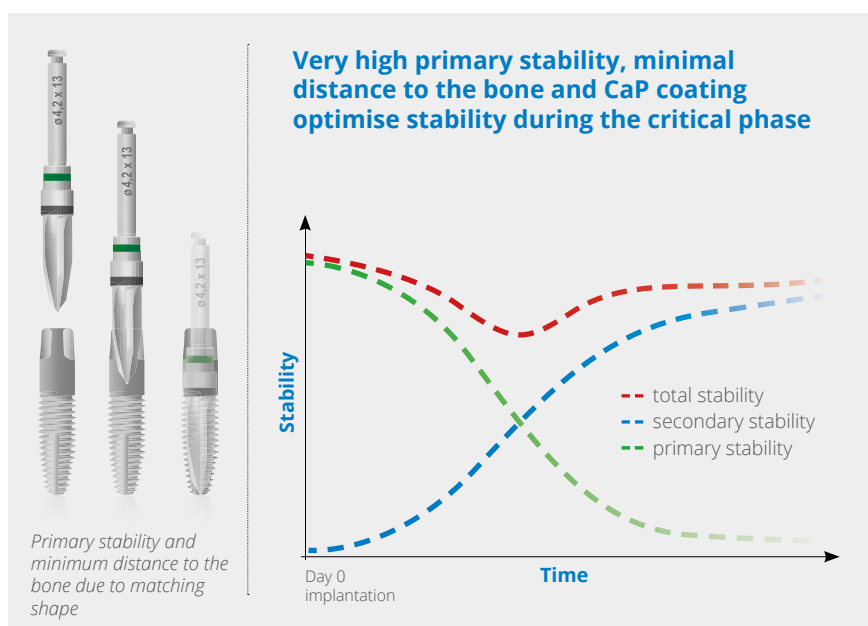
The FairImplant™ system supports the user with a comprehensive, coordinated instrumentarium. You are able to provide single-stage and two-stage treatment using only one system. You can provide standard or minimally invasive treatment and treat patients with any bone situation according to their requirements. This allows you to use only one system for virtually all indications.

On the one hand, this provides the operator with the assurance of being equipped for any situation and to change the protocol during treatment according to the situation without great effort. Coordination of the implant drills to the implants optimises primary stability and distance to the bone, ensuring the best possible IBIC and quick healing. These system characteristics provide additional reliability, in particular with borderline indications, and therefore enable responsible treatment.

On the other hand, if the situation allows, with single-stage treatment you can provide implantations at a comparatively reasonable price and with minimal traumatic stress for the patient. This regularly expands the circle of interested patients.

## System advantages

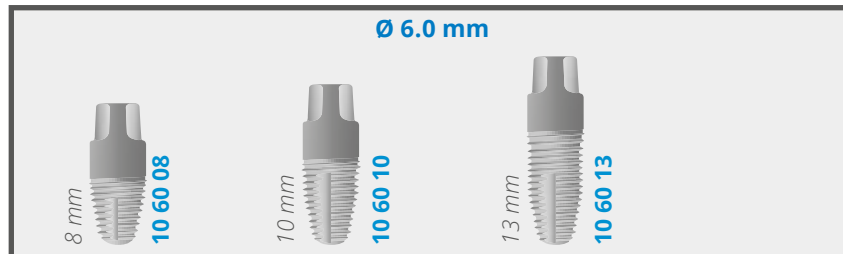
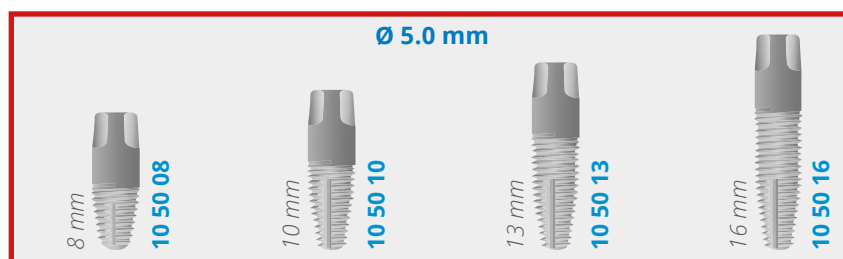
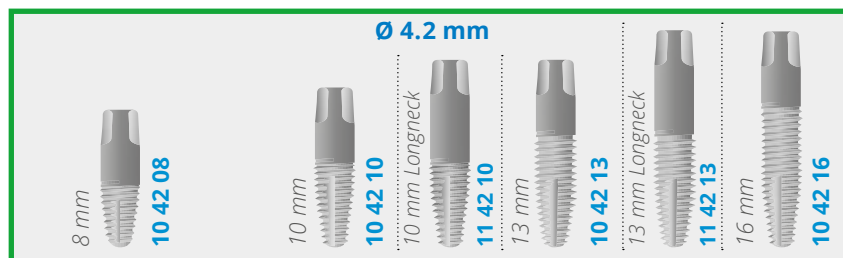
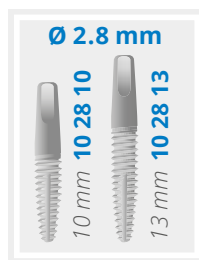
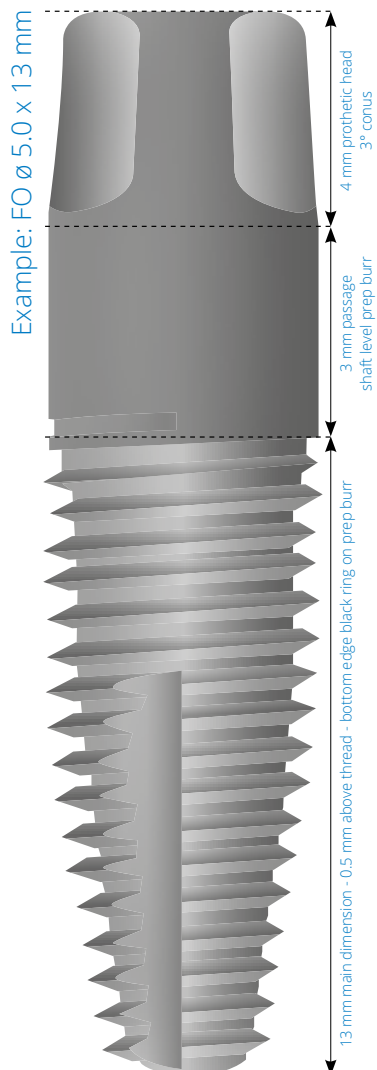
- Only one system for virtually all indications
- Same instrumentarium for both implants
- Optimised implant site preparation for maximum primary stability and quick healing
- Supports minimally invasive treatments
- Solutions for hard and soft bone
- Very quiet-running and self-centring drills
- Increased reliability with borderline indications



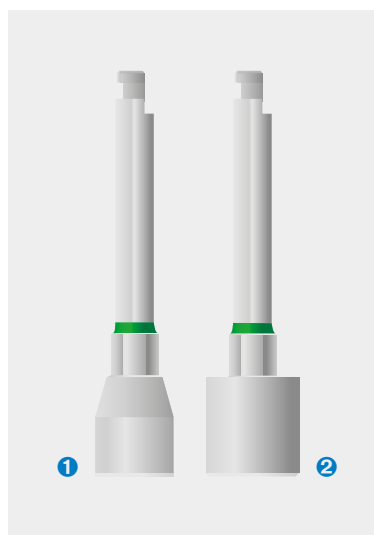
Schematic diagram according to Raghavendra



## FairOne™ implants



## Insertion tools FairOne™ and FairTwo™

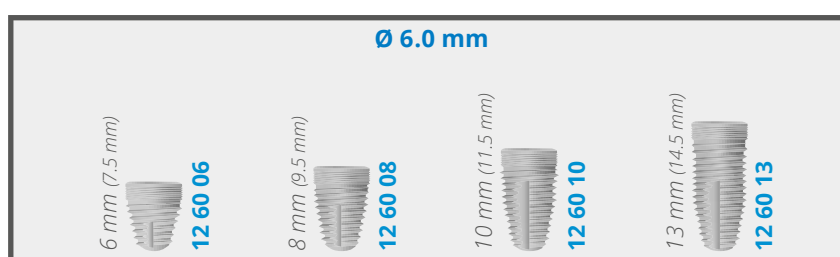
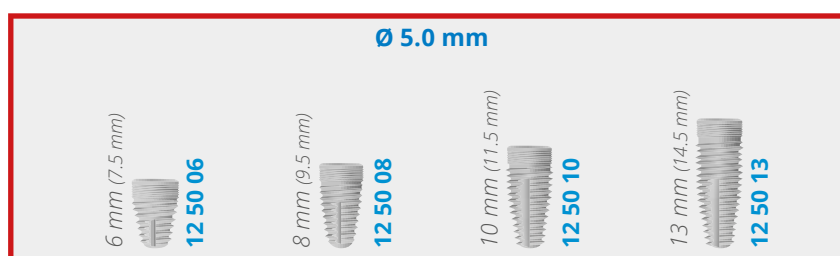
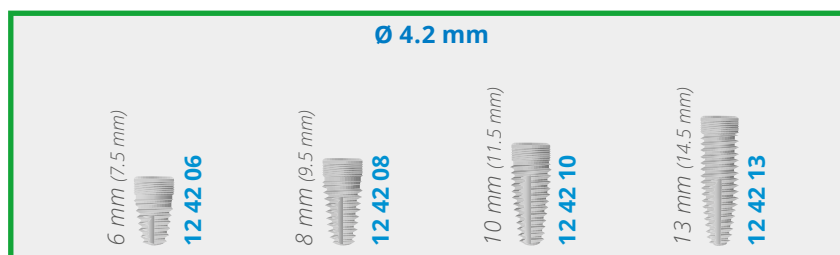
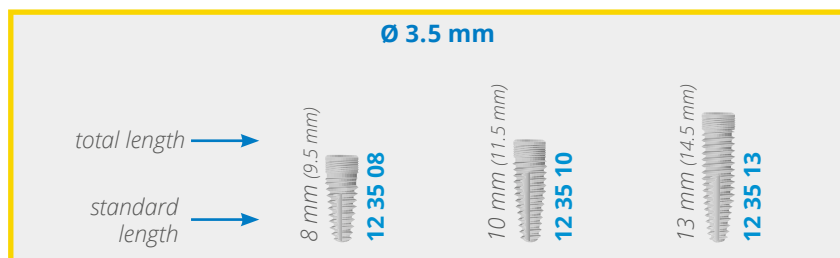
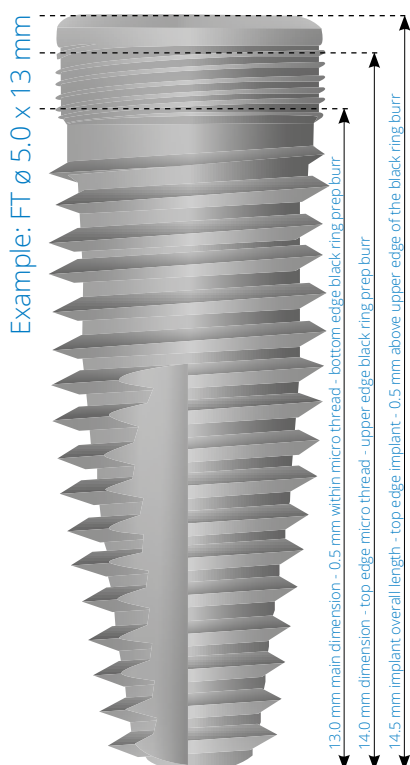


① Insertion	FairOne Ø	FairTwo Ø	Art. No.
Ø 2.8 mm	<input type="checkbox"/>	-	90 28 02
Ø 3.5 mm or FairTwo S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	90 35 02
Ø 4.2 mm	<input checked="" type="checkbox"/>	-	90 42 02
Ø 5.0/6.0 mm or FairTwo L	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	90 50 02
② Insertion friction	Ø	Ø	Art. No.
Ø 3.5 mm or FairTwo S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	90 35 01
Ø 4.2 mm	<input checked="" type="checkbox"/>	-	90 42 01
Ø 5.0/6.0 mm or FairTwo L	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	90 50 01

for packages until  
manufacturing year  
2021

# FairTwo™ implants

All FairTwo implants are supplied with an insertion abutment until manufacturing year 2021



## Insertion tools FairTwo™



max.  
5 Ncm



### FairTwo™ cover screw

All FairTwo™ implants are supplied with a cover screw.

Description	Ø	Art. No.
① Insertion FT short, S	<span style="color: yellow;">■</span> <span style="color: green;">■</span>	90 23 03
① Insertion FT long, S	<span style="color: yellow;">■</span> <span style="color: green;">■</span>	90 32 03
① Insertion FT short, L	<span style="color: red;">■</span> <span style="color: black;">■</span>	90 23 04
① Insertion FT long, L	<span style="color: red;">■</span> <span style="color: black;">■</span>	90 32 04
② Hex driver FT 25 mm overall length	<span style="color: yellow;">■</span> <span style="color: green;">■</span> <span style="color: red;">■</span> <span style="color: black;">■</span>	90 00 05
② Hex driver FT 31 mm overall length	<span style="color: yellow;">■</span> <span style="color: green;">■</span> <span style="color: red;">■</span> <span style="color: black;">■</span>	90 00 06
③ Miniscrewdriver short, 5 mm	<span style="color: yellow;">■</span> <span style="color: green;">■</span> <span style="color: red;">■</span> <span style="color: black;">■</span>	90 00 07
③ Miniscrewdriver long, 11 mm	<span style="color: yellow;">■</span> <span style="color: green;">■</span> <span style="color: red;">■</span> <span style="color: black;">■</span>	90 00 08
③ Miniscrewdriver XL, 18 mm	<span style="color: yellow;">■</span> <span style="color: green;">■</span> <span style="color: red;">■</span> <span style="color: black;">■</span>	90 00 10

## FairOne™

Immediate impression head,  
3 degrees with 3 sides

Solid – one-piece without microgap

Self-tapping thread

Conical for high primary  
stability and bone spreading

Round apex for optimum  
sinus floor elevation

Prosthetic treatment as  
for a prepared tooth

Single-stage immediate  
restorations possible

Implants are made of medical  
grade 4\* pure titanium

Coating with BONIT®, CaP,  
is completely adsorbable

Precise, interlocking implant  
site preparation for IBIC

## Osseointegration and healing

The one-piece FairOne™ implant orientates consistently to the biological width, which adjusts to each tooth and implant. In order to maintain an ideal biological width, it has neither gaps nor microjoints.

It has two different degrees of surface roughness. One is optimally designed for osseointegration and the other for apposition of the mucosa.

The purpose of both is to keep the level of subsequent bone remodelling low. The single-stage procedure is particularly gentle on the tissue. The good initial apposition of the mucosa to the implant is permanently maintained, as the mucosa no longer has to be detached.

## CaP coating for quicker healing

All titanium implants have a shear-resistant, completely resorbable calcium phosphate coating (BONIT®). The coating has been proven to accelerate the healing process, ensuring successful healing.

- 2-phase CaP coating on all implants
- Excellent biocompatibility
- Outstanding hydrophilic properties
- Layer thickness approx. 20 µm
- On the medical market since 1995



Fig. 3: FairOne™ placement, initial wetting of the hydrophilic surface (CaP coating)



Fig. 4: X-ray check four months postoperatively with complete preservation of the bone structure

## Advantages of FairOne™

- Excellent primary stability
- Gentle on the soft tissue
- No microgap
- Outstanding hydrophilic surface
- Single-stage treatment
- Easily prepared
- Easy prosthetic treatment
- Very economic



Fig. 5: SEM examination in the DESY (German Electron Synchrotron)/Hamburg

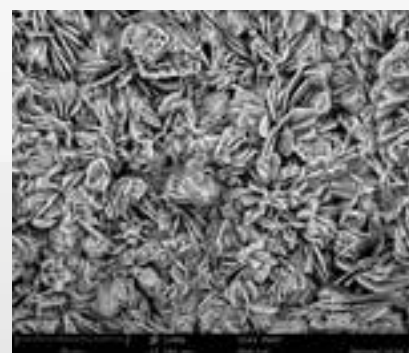
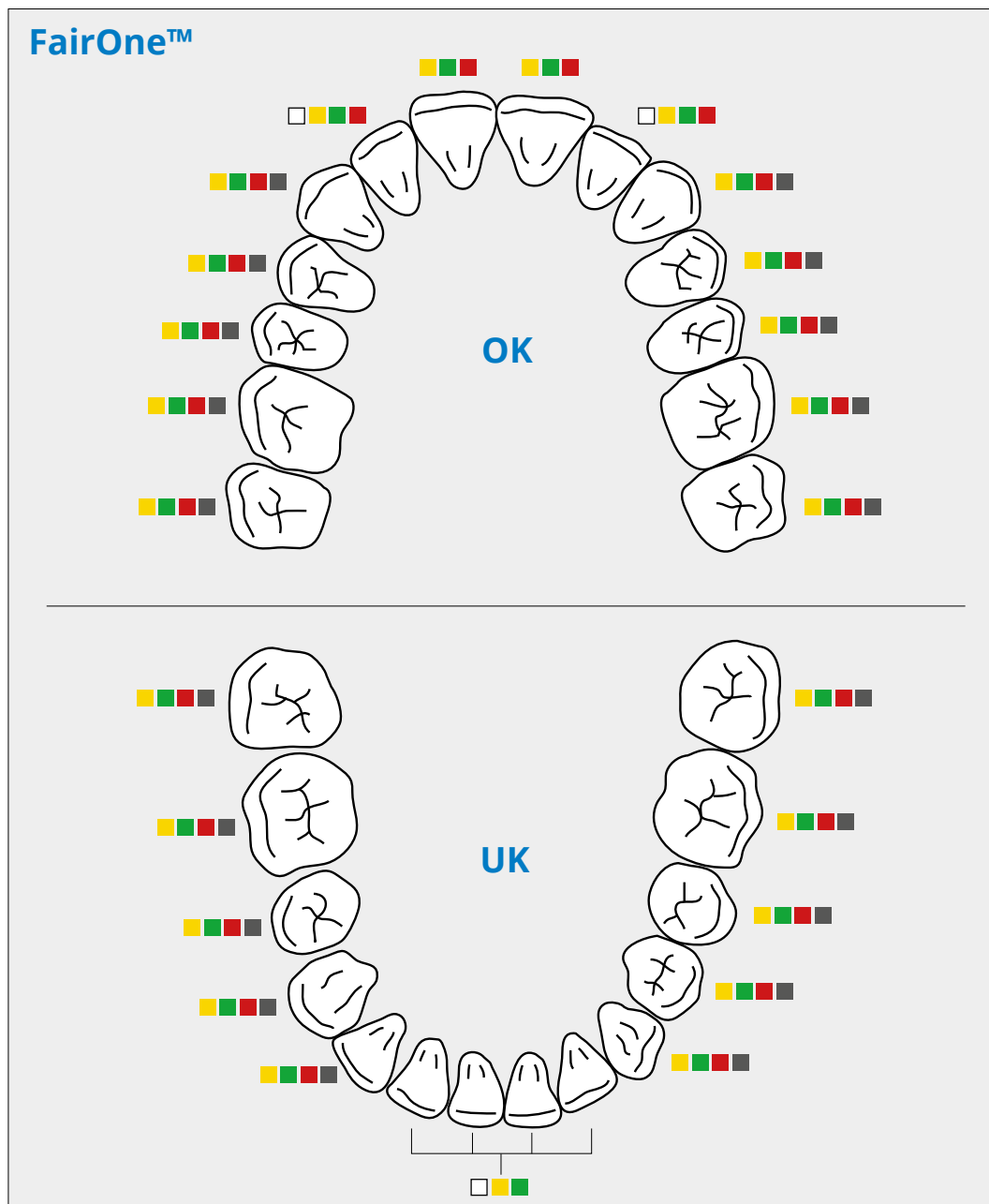


Fig. 6: SEM image of the CaP surface, 1.500 times magnification  
Photo: University of Cologne, Germany, Implant Study 2014/15

## Indication of implants

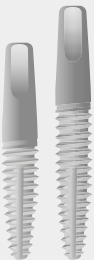


## FairOne™ implants

All FairOne™ implants are made of medical grade 4 pure titanium with the exception of diameter 2.8 mm. This size is made of medical grade 5 titanium alloy. FairOne™ is abbreviated using „FO“.



Ø 2.8 mm



Length	Ø	Art. No.
–	–	–
10 mm	3.5 mm	<b>10 28 10</b>
13 mm	3.5 mm	<b>10 28 13</b>
–	–	–



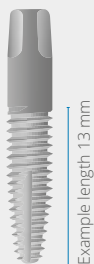
Longneck Ø 4.2 mm



Length	Ø	Art. No.
–	–	–
10 mm	4.2 mm	<b>11 42 10</b>
13 mm	4.2 mm	<b>11 42 13</b>
–	–	–



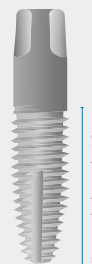
Ø 3.5 mm



Length	Ø	Art. No.
–	–	–
10 mm	3.5 mm	<b>10 35 10</b>
13 mm	3.5 mm	<b>10 35 13</b>
16 mm	3.5 mm	<b>10 35 16</b>



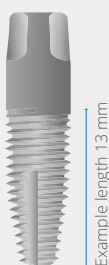
Ø 4.2 mm



Length	Ø	Art. No.
8 mm	4.2 mm	<b>10 42 08</b>
10 mm	4.2 mm	<b>10 42 10</b>
13 mm	4.2 mm	<b>10 42 13</b>
16 mm	4.2 mm	<b>10 42 16</b>



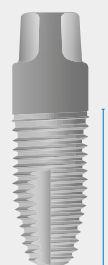
Ø 5.0 mm



Length	Ø	Art. No.
8 mm	5.0 mm	<b>10 50 08</b>
10 mm	5.0 mm	<b>10 50 10</b>
13 mm	5.0 mm	<b>10 50 13</b>
16 mm	5.0 mm	<b>10 50 16</b>



Ø 6.0 mm

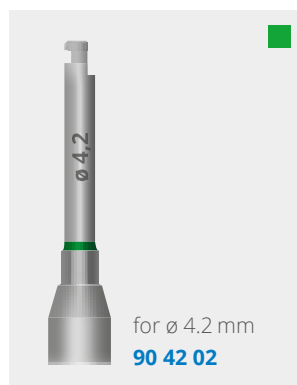


Length	Ø	Art. No.
8 mm	6.0 mm	<b>10 60 08</b>
10 mm	6.0 mm	<b>10 60 10</b>
13 mm	6.0 mm	<b>10 60 13</b>
–	–	–

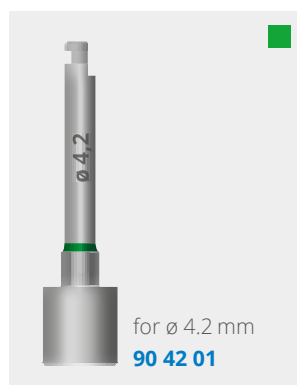
## Insertion tools FairOne™

### ■ Insertion tool (thin but more attrition)

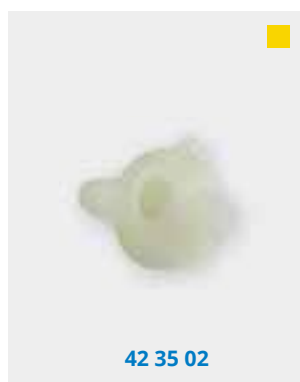
**CAVE:** this insertion tool is designed for minimum diameter; in case of attrition a new instrument is necessary to avoid a jamming with the head of the implant



### ■ Insertion tool/friction (improved friction and life time)

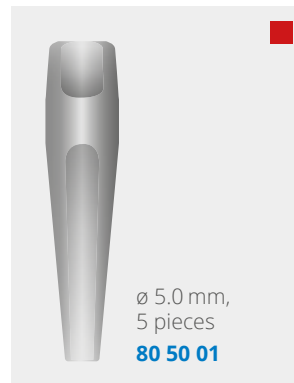
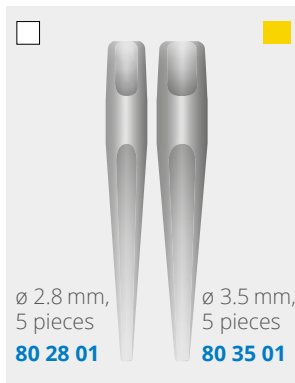


### ■ Impression cap FairOne





## Laboratory implant for unprepared implants



## DIM analogs

for models in 3d printing

Deposited in: **3shape** **exocad**  
Coding in progress:



## FairTwo™



Unique patented rotational security ensures easy placement and minimised circumferential backlash with four positions

Platform switching

Microthread, pitch as main thread

Self-tapping thread

Conical inner connection

All implants and abutments are made of medical grade 4 pure titanium

Coating with BONIT®, CaP, is completely adsorbable

Conical for high primary stability and bone spreading

Precise, interlocking implant site preparation for IBIC

Round apex for optimum sinus floor elevation



## Osseointegration and healing

The material, surface and shape in the osseous region of FairTwo™ are the same as FairOne™.

The implant has a conical inner connection to the abutment to ensure that the influence of micromovement and microgaps is kept as low as possible. The biological width is taken into account by platform switching. All abutments are also made of medical grade 4 pure titanium.

Comparatively high primary stability can be achieved, whereby FairTwo™ can also be successfully used in borderline indications (such as low bone quality and height, narrow situation, sinus lift).

## CaP coating for quicker healing

All titanium implants have a shear-resistant, completely resorbable calcium phosphate coating (BONIT®). The coating has been proven to accelerate the healing process, ensuring successful healing.

- 2-phase CaP coating on all implants
- Excellent biocompatibility
- Outstanding hydrophilic properties
- Layer thickness approx. 20 µm
- On the medical market since 1995



Fig. 7: FairTwo™ placement, initial coating of the hydrophilic surface (CaP coating)



Fig. 8: FairTwo™ with cover screw after placement

## Advantages of FairTwo™

- Conical inner connection/ virtually one-piece
- Platform switching
- Microthread for mucosal apposition
- Hydrophilic coating
- Patented rotational security with minimum circumferential backlash
- Increased reliability with borderline indications

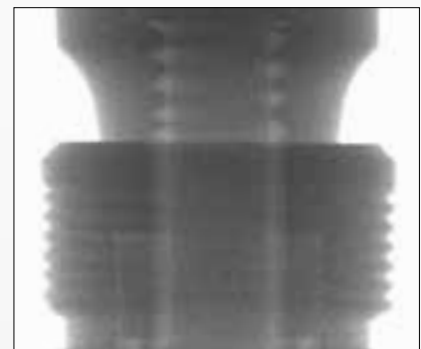


Fig. 9: Zipprich study by the University of Frankfurt, Germany: proves good implant/abutment connection

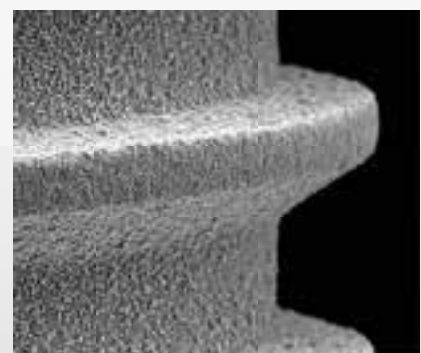
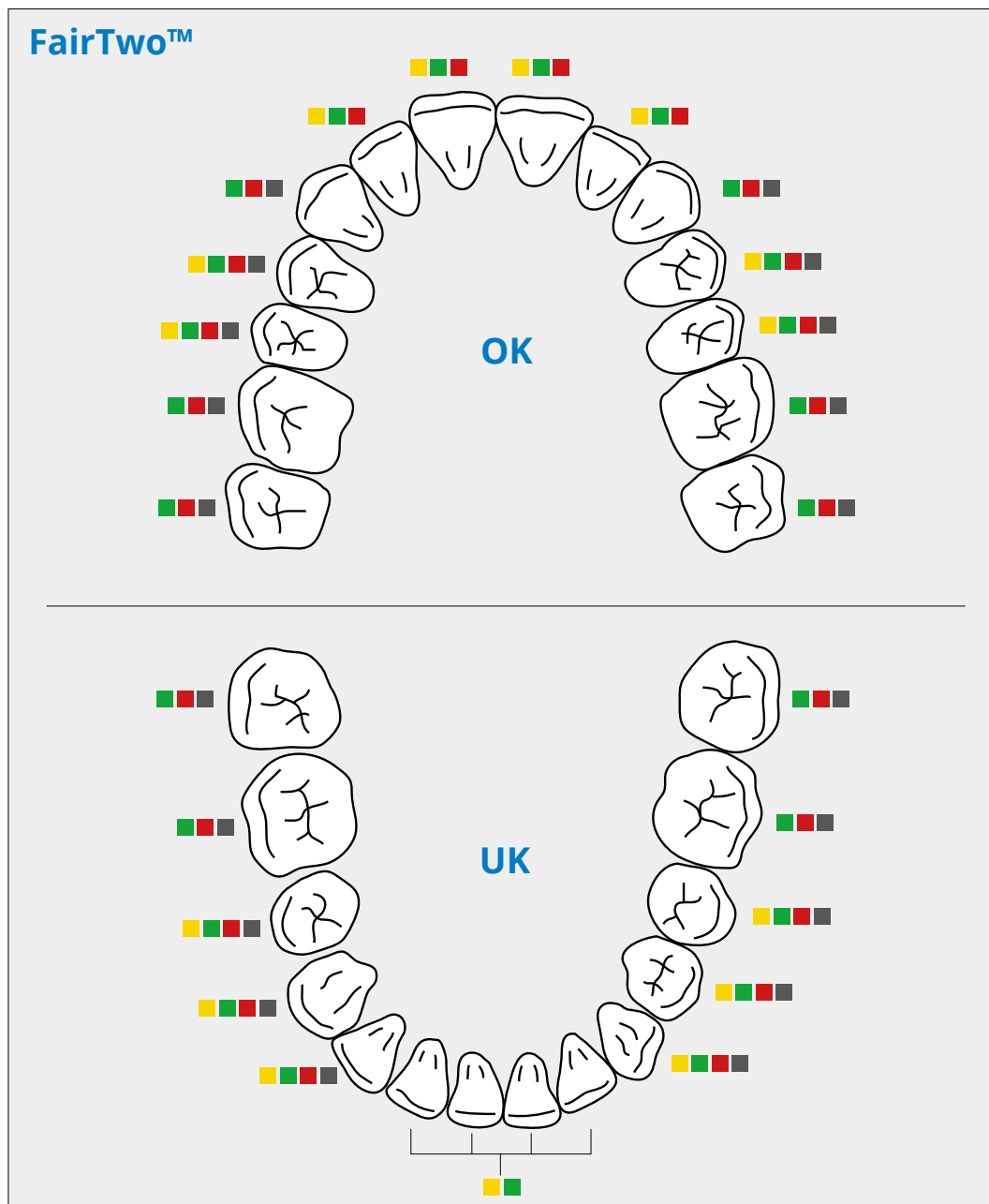


Fig. 10: SEM analyses prove perfect fabrication quality and no residue  
Photo: University of Cologne, Germany, Implant Study 2011

## Indication of implants



## FairTwo™ implants

All FairTwo implants are supplied with a pre-assembled insertion abutment and cover screw. All FairTwo implants including the insertion abutment and the cover screw are made of medical grade 4 pure titanium.



**FairTwo™  
cover screw**



**Ø 3.5 mm S**

Length	Ø	Art. No.
-	-	-
8 (9.5) mm	3.5 mm	<b>12 35 08</b>
10 (11.5) mm	3.5 mm	<b>12 35 10</b>
13 (14.5) mm	3.5 mm	<b>12 35 13</b>

**Ø 4.2 mm S**

Length	Ø	Art. No.
6 (7.5) mm	4.2 mm	<b>12 42 06</b>
8 (9.5) mm	4.2 mm	<b>12 42 08</b>
10 (11.5) mm	4.2 mm	<b>12 42 10</b>
13 (14.5) mm	4.2 mm	<b>12 42 13</b>

**Ø 5.0 mm L**

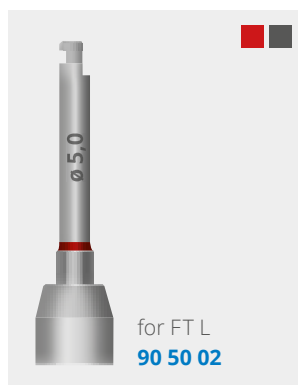
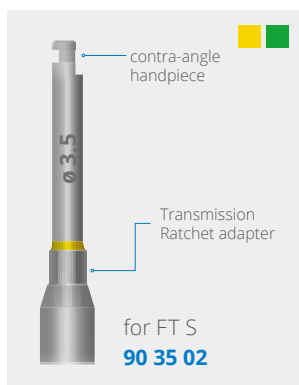
Length	Ø	Art. No.
6 (7.5) mm	5.0 mm	<b>12 50 06</b>
8 (9.5) mm	5.0 mm	<b>12 50 08</b>
10 (11.5) mm	5.0 mm	<b>12 50 10</b>
13 (14.5) mm	5.0 mm	<b>12 50 13</b>

**Ø 6,0 mm L**

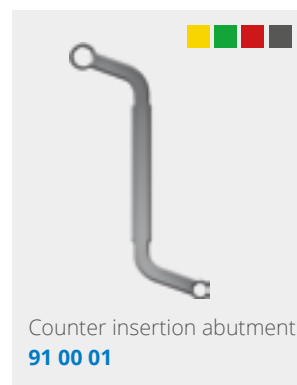
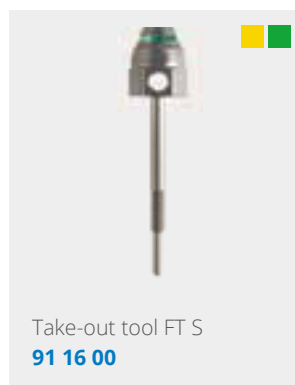
Length	Ø	Art. No.
6 (7.5) mm	6.0 mm	<b>12 60 06</b>
8 (9.5) mm	6.0 mm	<b>12 60 08</b>
10 (11.5) mm	6.0 mm	<b>12 60 10</b>
13 (14.5) mm	6.0 mm	<b>12 60 13</b>

## Insertion tools FairTwo™

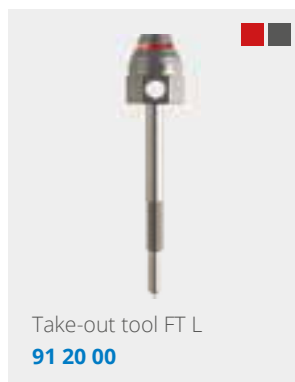
### ■ Insertion tools



### ■ Take-out tool and counter

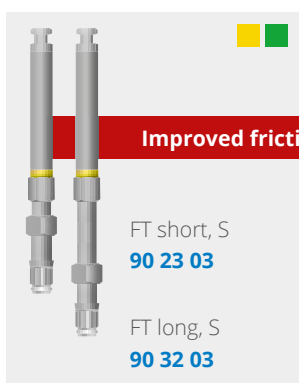


### ■ Insertion tools/friction



For safe removal of the insertion or any abutment after removal of the abutment screw

### ■ Insertion FT

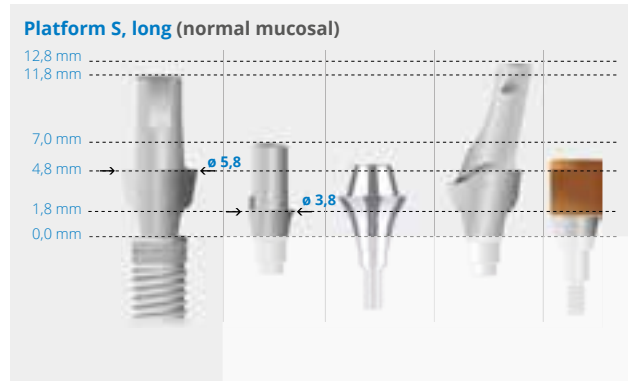
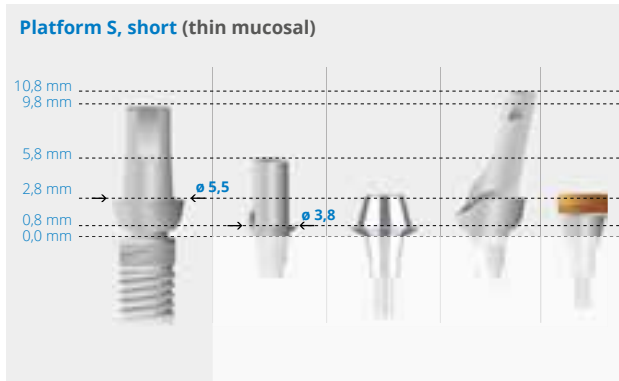


### ■ Hex driver FT

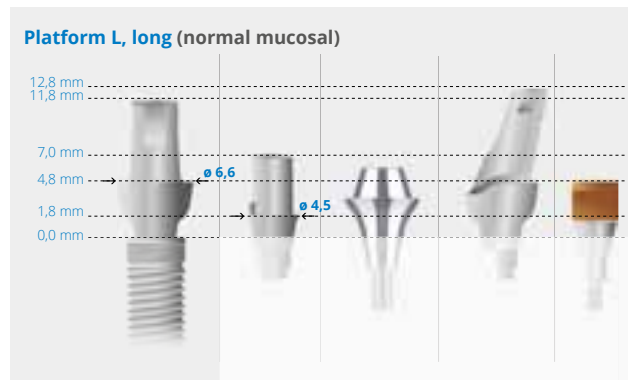
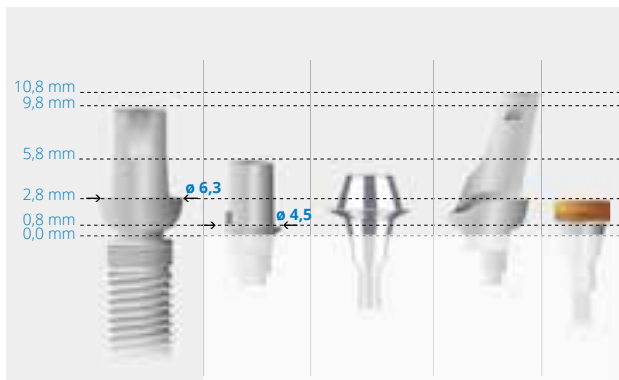


## Basic overview of abutments

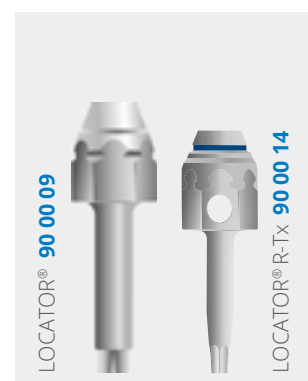
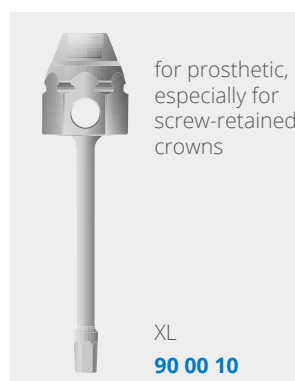
### Platform S



### Platform L



### Miniscrewdriver for ratchet and LOCATOR® screwdriver



## Platform S for FairTwo™ ø 3.5 / 4.2 mm

### ■ Abutments Pure titanium medical grade 4



final  
25 Ncm  
Laboratory max.  
10 Ncm

Description	Art. No.
Metal base S, short*	40 35 03
Metal base XR S, short* (no rotational security)	40 35 03XR
Metal base S, long*	40 35 04

### ■ Healing abutments Pure titanium medical grade 4 – yellow anodized

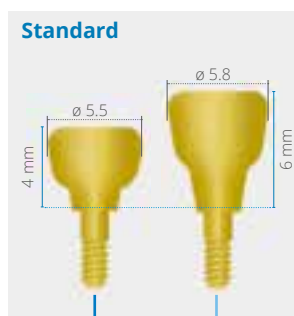


Max.  
10 Ncm

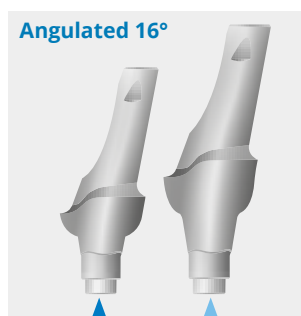
Description	Art. No.
S, short	42 16 03
S, long	42 16 07



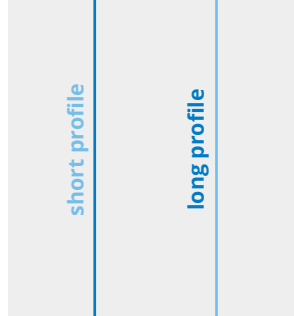
Description	Art. No.
Standard S, short*	40 35 01
Standard S, long*	40 35 02



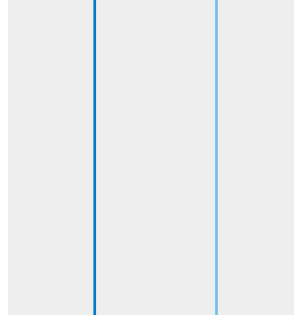
Description	Art. No.
Standard S, short	42 16 04
Standard S, long	42 16 06



Description	Art. No.
Angulated 16° S, short*	40 35 09
Angulated 16° S, long*	40 35 10



Description	Art. No.
Angulated 21° S, short*	40 35 11
Angulated 21° S, long*	40 35 12



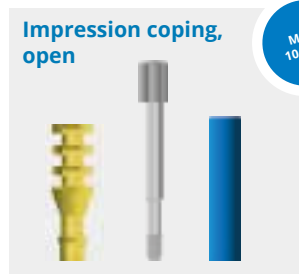
Keep in mind:  
That healing abutments and  
abutments correlate and tell  
the laboratory the used  
healing abutment that they  
take the right profile

Abutment screw S  
41 16 00

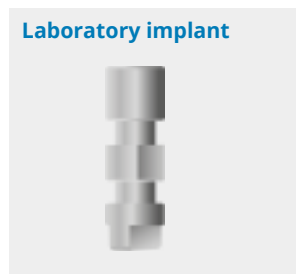




## ■ Platform S ø 3.5 / 4.2 mm

Max.  
10 Ncm

Description	Art. No.
Impression coping FairTwo™ S, open	<b>42 16 01</b>



Description	Art. No.
Laboratory implant S	<b>80 16 01</b>

Max.  
10 Ncm

Description	Art. No.
Impression coping FairTwo™ S, closed	<b>42 16 02</b>
** Caps for impres- sion coping S+L closed, 5 Pieces	<b>42 16 00</b>



Description	Art. No.
DIM analog S	<b>80 16 03</b>

Max.  
10 Ncm

Material:  
PEEK, stainless steel and silicone

Description	Art. No.
Scanbody S	<b>80 16 02</b>



including:  milling screw  
 abutment screw

Description	Art. No.
CAM Preform titan	<b>40 35 30</b>
CAM Preform NEM	<b>40 35 31</b>
CAM analog Preform S (for nt-Trading-holder)	<b>80 16 30</b>

## ■ Special Abutments with indication restrictions Pure titanium medical grade 4, max. torque 25 Ncm

For splinted restorations – **without rotational security!**



Description	Art. No.
One-Piece S, short	<b>40 35 07</b>
One-Piece S, long	<b>40 35 08</b>



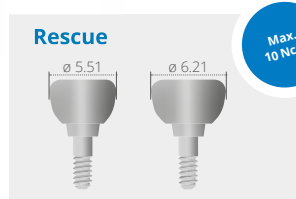
Description	Art. No.
TiBase CAM ce S*	<b>40 35 21</b>
Scanpost ce S*	<b>42 16 21</b>

Implant system Sirona™ SBL3.3  
Scan-caps Sirona™ L

For use with minimal mucosa – **only intended as an emergency solution** – no conical connection but butt joint



Description	Art. No.
Rescue ø 3.5 mm*	<b>40 35 99</b>
Rescue ø 4.2 mm*	<b>40 42 99</b>

Max.  
10 Ncm

Description	Art. No.
Rescue ø 3.5 mm	<b>42 35 99</b>
Rescue ø 4.2 mm	<b>42 42 99</b>

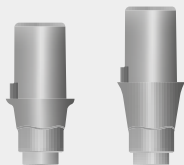
\* incl. abutment screw

## ■ ■ Platform L for FairTwo™ ø 5.0

### ■ Abutments Pure titanium medical grade 4

#### Metal base

Deposited in:  
**shape**  
**exocad**



final  
25 Ncm  
Laboratory max.  
10 Ncm

Description	Art. No.
Metal base L, short*	40 50 03
Metal base L, long*	40 50 04

### ■ Healing abutments Pure titanium medical grade 4 – red anodized

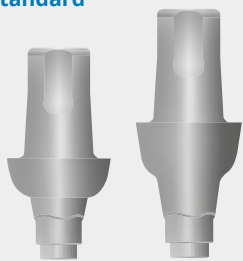
#### Normal



Max.  
10 Ncm

Description	Art. No.
L, short	42 20 03
L, long	42 20 07

#### Standard



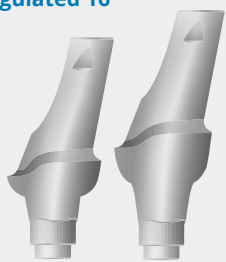
Description	Art. No.
Standard L, short*	40 50 01
Standard L, long*	40 50 02

#### Standard



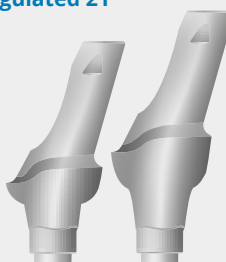
Description	Art. No.
Standard L, short	42 20 04
Standard L, long	42 20 06

#### Angulated 16°



Description	Art. No.
Angulated 16° L, short*	40 50 09
Angulated 16° L, long*	40 50 10

#### Angulated 21°



Description	Art. No.
Angulated 21° L, short*	40 50 11
Angulated 21° L, long*	40 50 12

short profile

long profile

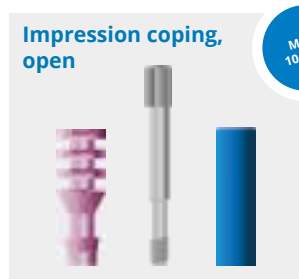
Keep in mind:  
That healing abutments  
and abutments correlate  
and tell the laboratory  
the used healing abutment  
that they take the right  
profile

#### Abutment screw L

41 20 00



## ■ Platform L ø 5.0 / 6.0 mm: Impression coping, take-out tool, laboratory implant and scanbody

Max.  
10 Ncm

Description	Art. No.
Impression coping FairTwo™ L, open	42 20 01



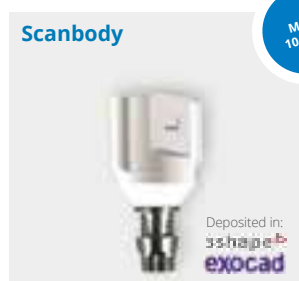
Description	Art. No.
Laboratory implant L	80 20 01

Max.  
10 Ncm

Description	Art. No.
Impression coping FairTwo L, closed	42 20 02
** Caps for Impression coping S+L, closed, 5 pieces	42 16 00



Description	Art. No.
DIM analog L	80 20 03

Max.  
10 Ncm

Material:  
PEEK, stainless steel and silicone

Description	Art. No.
Scanbody L	80 20 02



including:  milling screw  
 abutment screw

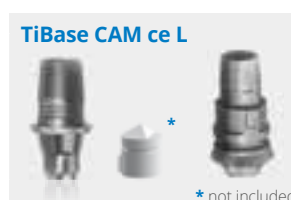
Description	Art. No.
CAM Preform titan	40 50 30
CAM Preform NEM	40 50 31
CAM analog Preform S (for nt-Trading-holder)	80 16 30

## ■ Special Abutments with indication restrictions Pure titanium medical grade 4, max. torque 25 Ncm

For splinted restorations – **without rotational security!**



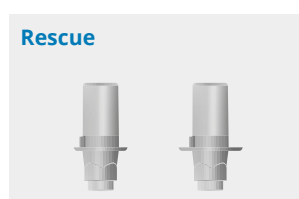
Description	Art. No.
One-Piece L, short	40 50 07
One-Piece L, long	40 50 08



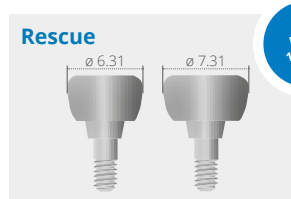
Description	Art. No.
TiBase CAM ce L*	40 50 21
Scanpost ce L*	42 20 21

Implant system Sirona™ SBL4.1  
Scan-caps Sirona™ L

For use with minimal mucosa – **only intended as an emergency solution** – no conical connection but butt joint



Description	Art. No.
Rescue ø 5.0 mm*	40 50 99
Rescue ø 6.0 mm*	40 60 99

Max.  
10 Ncm

Description	Art. No.
Rescue ø 5.0 mm	42 50 99
Rescue ø 6.0 mm	42 50 99

\* incl. abutment screw

# Special solutions

## Multi-Unit-Abutments

### angulated 20°



Description	Art. No.
Multi-Unit-Abutment, angulated, Platform S	40 35 42
Multi-Unit-Abutment, angulated, Platform L	40 50 42

### straight



Description	Art. No.
Multi-Unit-Abutment short, straight, S	40 35 40
Multi-Unit-Abutment long, straight, S	40 35 41
Multi-Unit-Abutment short, straight, L	40 50 40
Multi-Unit-Abutment long, straight, L	40 50 41

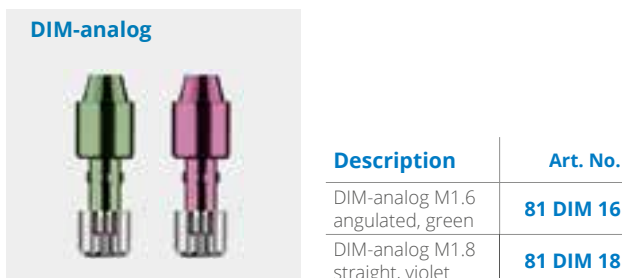
## Equipment Multi-Unit-Abutments

### Impression coping



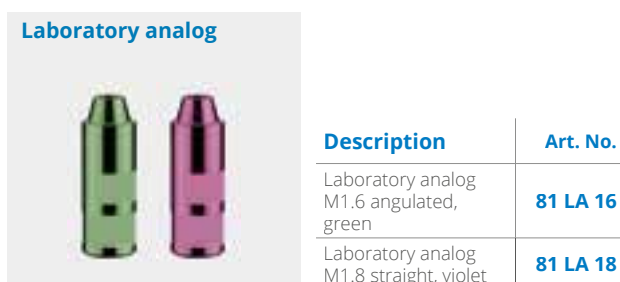
Description	Art. No.
Impression coping M1.6 angulated, green	81 TR 16
Impression coping M1.8 straight, violet	81 TR 18

### DIM-analog



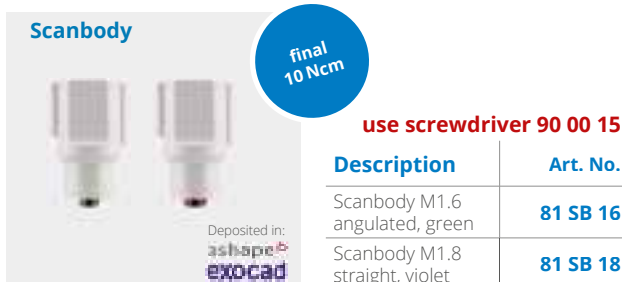
Description	Art. No.
DIM-analog M1.6 angulated, green	81 DIM 16
DIM-analog M1.8 straight, violet	81 DIM 18

### Laboratory analog

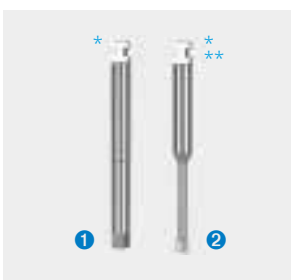


Description	Art. No.
Laboratory analog M1.6 angulated, green	81 LA 16
Laboratory analog M1.8 straight, violet	81 LA 18

### Scanbody

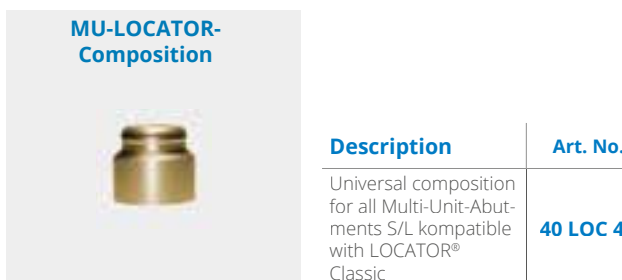


Description	Art. No.
Scanbody M1.6 angulated, green	81 SB 16
Scanbody M1.8 straight, violet	81 SB 18



Description	Art. No.
① Insertion tool for straight Multi-Unit	90 MU 01
② Screwdriver FT Torx T6	90 00 15

### MU-LOCATOR-Composition



Description	Art. No.
Universal composition for all Multi-Unit-Abutments S/L compatible with LOCATOR® Classic	40 LOC 4

\* Need universal handle (90 00 12) for ratchet (90 00 11)

\*\* für impression coping M1.6/1.8 and Scanbody M1.6/1.8

## Special solutions

### ■ Conical magnetics S

The magnetics are covered by pure titanium medical grade 4. These parts are particularly useful when handling of a prosthesis becomes difficult for the patient.

#### S short



Withdrawal force 1.6 N / 163 g

Max.  
25 Ncm

#### Description

Conical magnetic S short

#### Art. No.

**40 35 81**

#### S long



Withdrawal force 1.6 N / 163 g

Max.  
25 Ncm

#### Description

Conical magnetic S long

#### Art. No.

**40 35 82**

#### Insert magnetic



needed handle for  
ratchet camlog  
90 00 11C

#### Description

Insert magnetic

#### Art. No.

**90 81 00**

#### Laboratory implant



#### Description

Laboratory implant

#### Art. No.

**41 81 04**

#### Denture magnet



#### Description

Denture magnet

#### Art. No.

**41 81 00**

#### Resilience ring



#### Description

Resilience ring

#### Art. No.

**41 81 03**

#### Positioning cuff



subgingival

#### Description

Positioning cuff  
subgingival

#### Art. No.

**41 81 01**

#### Positioning cuff



supragingival

#### Description

Positioning cuff  
supragingival

#### Art. No.

**41 81 02**

# System overview FairImplant™

implant drill ø 2.8

21 28 13

implant drill ø 3.5

21 35 08

21 35 10

21 35 13

21 35 16

implant drill ø 4.2

21 42 06

21 42 08

21 42 10

21 42 13

21 42 16

implant drill ø 5.0

21 50 06

21 50 08

21 50 10

21 50 13

21 50 16

implant drill ø 6.0

probe for excision

30 28 01

30 35 01

30 42 01

30 50 01

30 60 01

soft tissue punch (excision)

30 28 02

30 35 02

30 42 02

30 50 02

30 60 02

direction indicator FairTwo™

90 16 03

90 20 03

direction indicator FairOne™

90 35 03

90 42 03

90 50 03

take-out tool

91 16 00

91 20 00

counter

91 00 01

handle

90 00 12

ratchet adapter

90 00 03

1 LOCATOR® R-Tx screwdriver

90 00 14

2 LOCATOR® screwdriver

90 00 09

miniscrewdriver

short 90 00 07

long 90 00 08

XL 90 00 10

screwdriver FairTwo™

90 00 05

90 00 06

drill probe

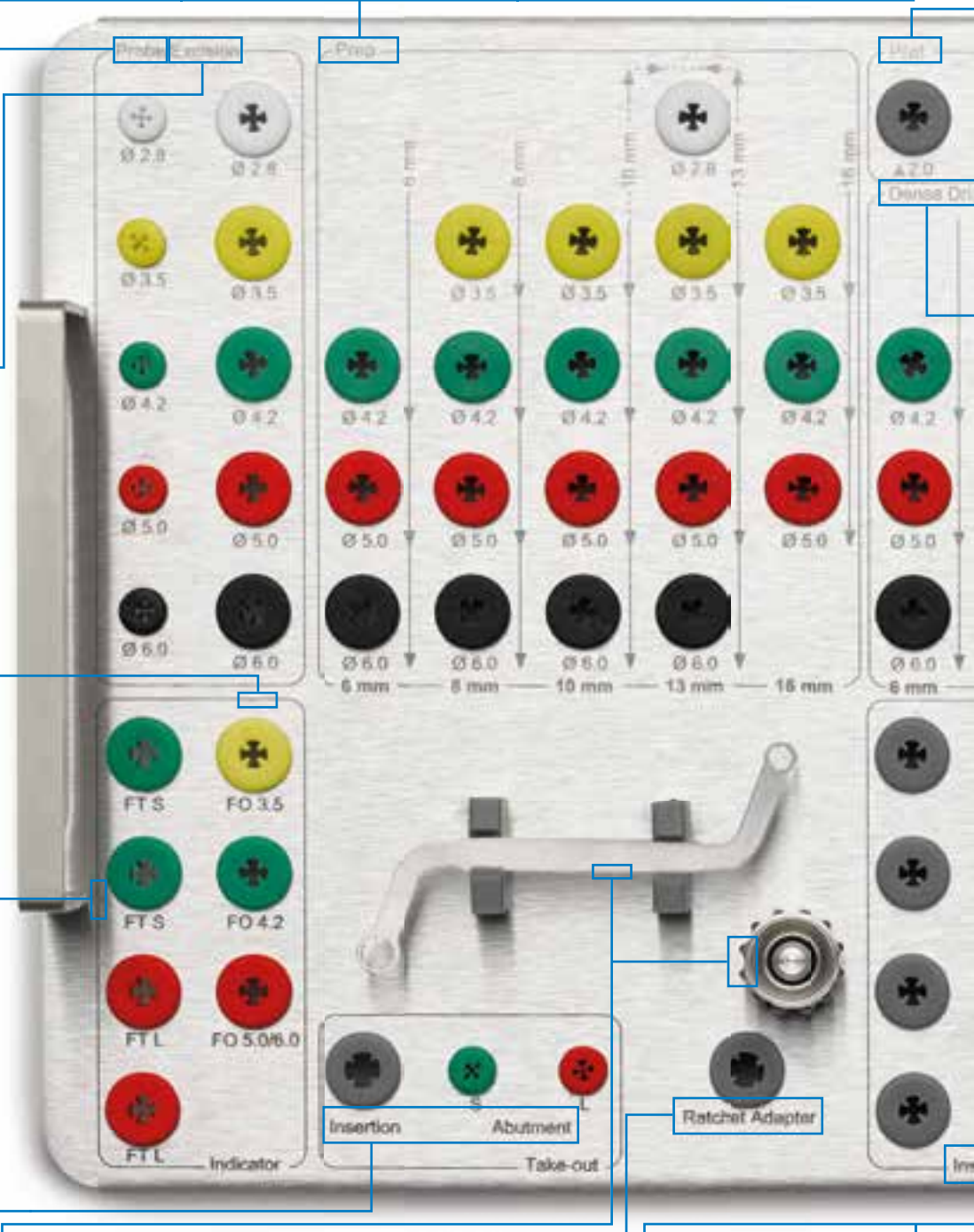
fix with the take-out tool

30 35 00

30 42 00

30 50 00

30 60 00







#### pilot drills

##### pilot drill

20 15 16

20 20 16

20 20 20

##### pilot drill triangular

20 20 19

##### depth probe

90 20 00

#### drill extension

90 00 04

#### dense drill ø 3.5

22 35 08

22 35 10

22 35 13

22 35 16

#### dense drill ø 4.2

22 42 06

22 42 08

22 42 10

22 42 13

22 42 16

#### dense drill ø 5.0

22 50 06

22 50 08

22 50 10

22 50 13

22 50 16

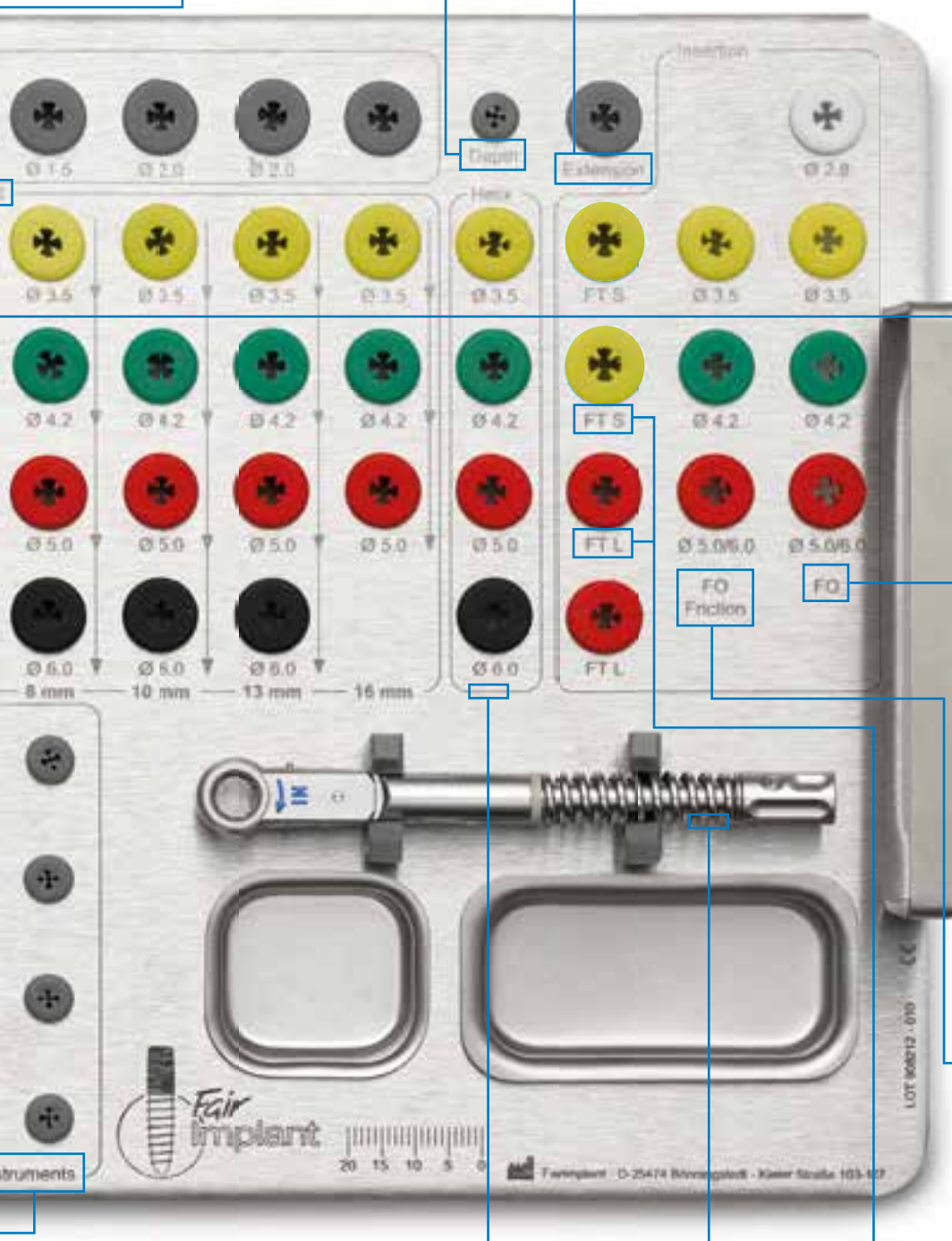
#### dense drill ø 6.0

22 60 06

22 60 08

22 60 10

22 60 13



#### insertion tool FairOne™

90 28 02 90 42 02

90 35 02 90 50 02

#### insertion tool friction FairOne™

90 42 01

90 35 01 90 50 01

#### insertion tool FairTwo™

90 23 03

90 32 03

90 23 04

90 32 04

#### screw tap

23 35 00 23 50 00

23 42 00 23 60 00

#### ratchet 10 - 70 Ncm

90 00 11

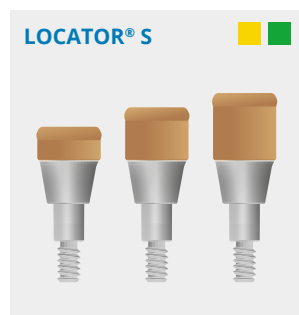


**ALWAYS lubricate** the threaded rod after each sterilization. Could be stored assembled with max. 10 Ncm.

## Original LOCATOR®

Handling with the LOCATOR® system is described in detail in the Prosthetic Manual. LOCATOR® abutments are made of medical grade 5 titanium alloy. The head has been specially nitrite-hardened (gold colour).

### ■ Platform S



final  
25 Ncm  
Laboratory max.  
10 Ncm

Description	Art. No.
Gingival height 1.5 mm	<a href="#">LO01948</a>
Gingival height 3.0 mm	<a href="#">LO01950</a>
Gingival height 4.0 mm	<a href="#">LO01951</a>

### ■ Platform L

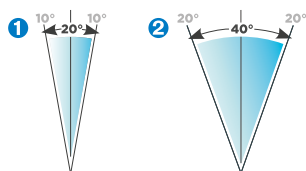


final  
25 Ncm  
Laboratory max.  
10 Ncm

Description	Art. No.
Gingival height 1.0 mm	<a href="#">LO02784</a>
Gingival height 2.0 mm	<a href="#">LO02785</a>
Gingival height 3.0 mm	<a href="#">LO02786</a>

### ■ Equipment

#### Labor-set / angulated



Description	Art. No.
① Labor-Set, 2 sets	<a href="#">LO08519-2</a>
② Labor-Set, angulated, 2 sets	<a href="#">LO08540-2</a>

#### Impression coping



Description	Art. No.
Impression coping, 4 pieces	<a href="#">LO08505</a>

#### Female analog



Description	Art. No.
Female analog, 4 pieces	<a href="#">LO08530</a>

#### Black processing replacement



Description	Art. No.
Black processing replacement, black, 4 pieces	<a href="#">LO08515</a>



## Parallel post



## Description

Parallel post

## Art. No.

LO08517

## Angle measurement



## Description

Angle measurement

## Art. No.

LO09530

## LOCATOR® core tool



## Description

LOCATOR® core tool

## Art. No.

LO08393

## Abutment retaining sleeve



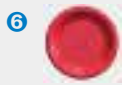
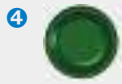
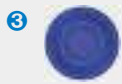
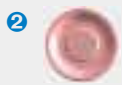
## Description

Abutment retaining sleeve

## Art. No.

LO08394

Material: Nylon



## Description

① Retention male, **clear**, divergency 0°-10° ret. force: 2.300 g

② Retention male, **pink, light**, divergency 0°-10° ret. force: 1.400 g

③ Retention male, **blue, extra-light**, divergency 0°-10° ret. force: 700 g

④ Retention male, **green**, divergency 10°-20° ret. force: 1.800 g

⑤ Retention male, **orange, light**, divergency 10°-20° ret. force: 900 g

⑥ Retention male, **red, extra-light**, divergency 10°-20° ret. force: 500 g

⑦ Retention male, **grey, no retention**, div. 10°-20° ret. force: null

## Art. No.

LO08524

LO08527

LO08529

LO08547

LO08915

LO08548

LO08558

## Block out spacer



## Description

Block out spacer, 20 pieces

## Art. No.

LO08514

## LOCATOR® screwdriver



## Description

LOCATOR® screwdriver

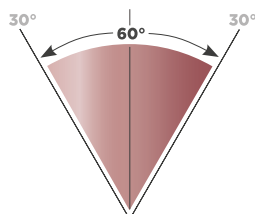
## Art. No.

90 00 09



## LOCATOR® R-Tx

The next generation is available now. A better, simpler and stronger system that relies on the same restorative techniques as the award-winning LOCATOR®.



### LOCATOR® R-Tx set



#### Delivery

The R-Tx Set includes:

- 4 different retention inserts
- 1x denture attachment processing assembly
- 1x block-out spacer
- 1x LOCATOR® R-Tx

### Platform S



Description	Art. No.
Gingival height 1.0 mm	LO31900-1
Gingival height 2.0 mm	LO31900-2
Gingival height 3.0 mm	LO31900-3
Gingival height 4.0 mm	LO31900-4

### Platform L



Description	Art. No.
Gingival height 1.0 mm	LO31901-1
Gingival height 2.0 mm	LO31901-2
Gingival height 3.0 mm	LO31901-3

### Equipment

#### Processing spacer



Description	Art. No.
Processing spacer (4 pieces)	LO30018

#### Denture attachment processing assembly



Description	Art. No.
Denture attachment processing assembly (4 pieces)	LO30013

#### Block-out spacer



Description	Art. No.
Block-out spacer (20 pieces)	LO08514

#### Impression coping



Description	Art. No.
Impression coping (4 pieces)	LO30017

## Retention insert tool



Description	Art. No.
Retention insert tool	<b>LO30021</b>

## Processing retention insert



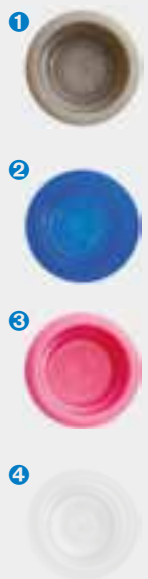
Description	Art. No.
Processing retention insert	<b>LO30012</b>

## Abutment analog



Description	Art. No.
Abutment analog (4 pieces)	<b>LO30015</b>

## Retention inserts



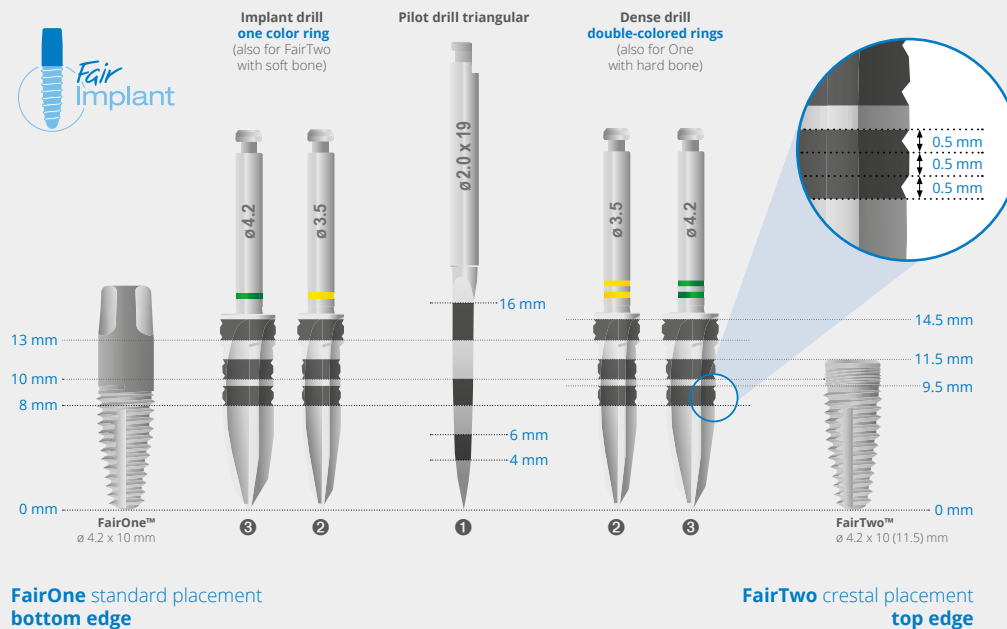
Description	Art. No.
① Retention insert, <b>grey, zero</b>	<b>LO30001</b>
② Retention insert, <b>blue, low</b>	<b>LO30002</b>
③ Retention insert, <b>pink, medium</b>	<b>LO30003</b>
④ Retention insert, <b>white, high</b>	<b>LO30004</b>

## Screwdriver



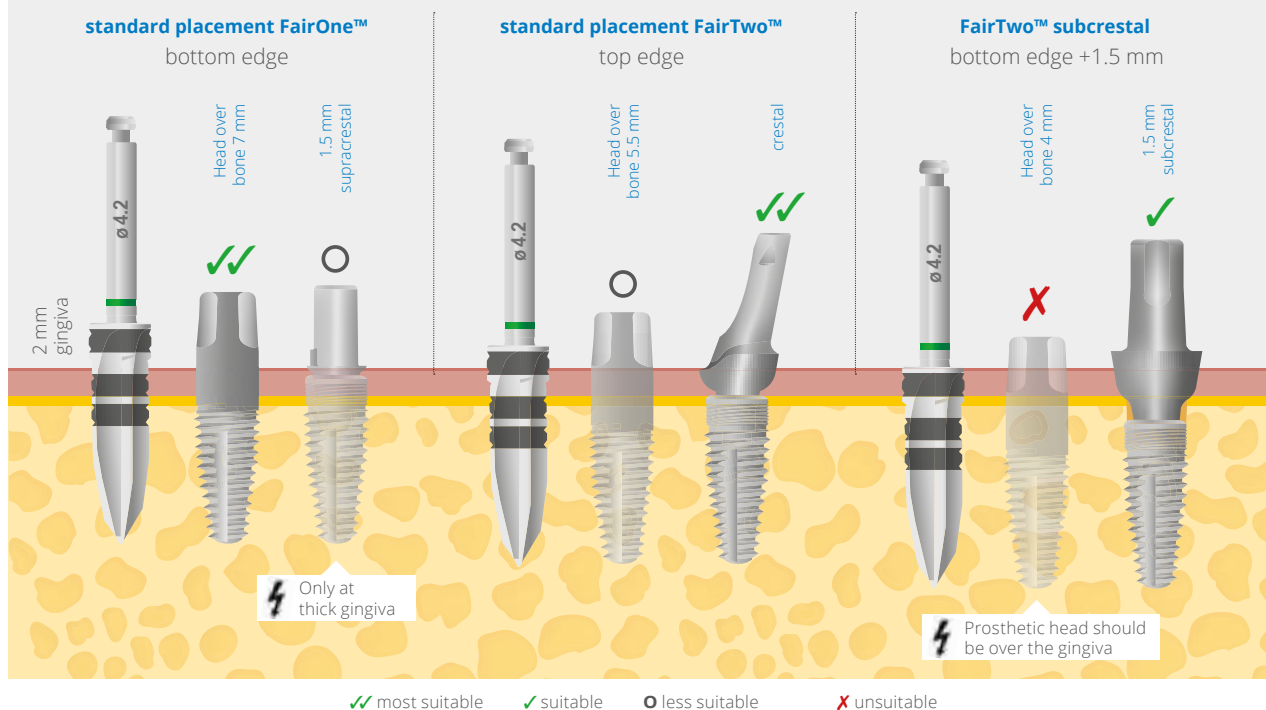
Description	Art. No.
LOCATOR® R-Tx screwdriver	<b>90 00 14</b>

## Overview drill protocol of the multi length drills 8-10-13 mm



## Variable placement of the multi length drills

Example: FairOne ø 4.2 x 10 mm and FairTwo ø 4.2 x 10 (11.5) mm



## ■ Multi length drills 8-10-13 mm for the economic system entry (max 800 rpm)

Particularly optimized for a short shaft length

### Implant drill - one color ring

Ø 3.5 mm



#### Description

Ø 3.5 mm  
Multi length drill  
8 – 13 mm

#### Art. No.

**21 35 08-10-13**

### Dense drill - double-colored rings

Ø 3.5 mm



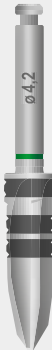
#### Description

Ø 3.5 mm  
Multi length  
dense drill  
8 – 13 mm

#### Art. No.

**22 35 08-10-13**

Ø 4.2 mm



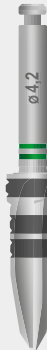
#### Description

Ø 4.2 mm  
Multi length drill  
8 – 13 mm

#### Art. No.

**21 42 08-10-13**

Ø 4.2 mm



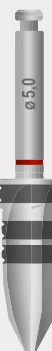
#### Description

Ø 4.2 mm  
Multi length  
dense drill  
8 – 13 mm

#### Art. No.

**22 42 08-10-13**

Ø 5.0 mm



#### Description

Ø 5.0 mm  
Multi length drill  
8 – 13 mm

#### Art. No.

**21 50 08-10-13**

Ø 5.0 mm



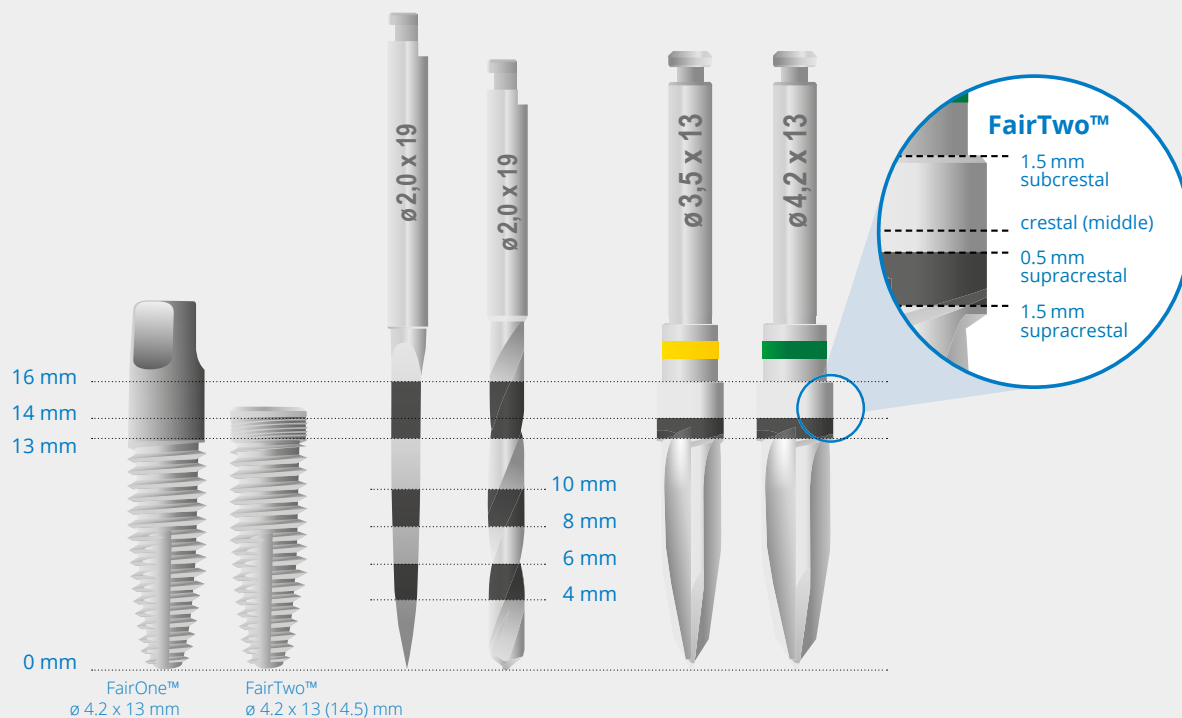
#### Description

Ø 5.0 mm  
Multi length  
dense drill  
8 – 13 mm

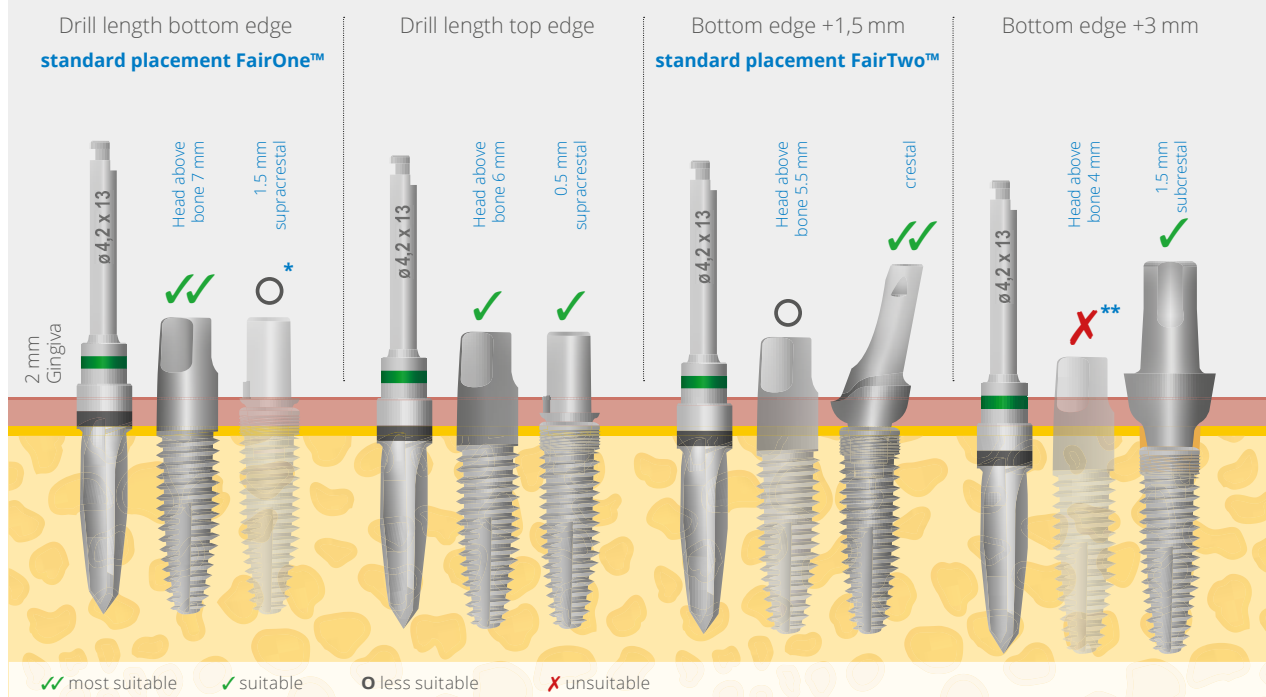
#### Art. No.

**22 50 08-10-13**

## Overview drill protocol – example drill length 13 mm



## Implant placement at different drill depth



\* only with sufficiently thick gingiva

\*\* cone head always over the mucous membrane

## All drills are suitable for implant bed preparation for FairOne, FairTwo and FairWhite

Implant bed preparation

Pilot drill triangular:  
Recommended drill for  
a save and accurate  
preparation.

### Pilot drill

**max. 800 rpm**

**CAVE:**  
limitation of  
ø 3.5/4.2 mm

Pilot drill  
ø 1.5 / L16  
**20 15 16**

Pilot drill  
ø 2.0 / L16  
**20 20 16**

**max. 800 rpm**

Dreikant  
Vorbohrer  
ø 2.0 / L19  
**20 20 19**

Pilotbohrer  
für  
Schablonen  
ø 2.0 / L19  
**20 20 20**

**max. 800 rpm**

Rose drill ø 2.3  
100% Bioceramic  
**20 23 10 BK**

**max. 800 rpm**

**ø 2.3:**  
note: reduced  
primary stability

Pilot drill ø 2.3  
100% Bioceramic  
**20 23 10 BK**

### Implant drill

**single-coloured,  
max. 800 rpm**

**ø 4,2 x 13**

Description		Art. No.
ø 2.8 x 10+13 mm	<input type="checkbox"/>	<b>21 28 13</b>
ø 3.5 x 08 mm	<input type="checkbox"/>	<b>21 35 08</b>
ø 3.5 x 10 mm	<input type="checkbox"/>	<b>21 35 10</b>
ø 3.5 x 13 mm	<input type="checkbox"/>	<b>21 35 13</b>
ø 3.5 x 16 mm	<input type="checkbox"/>	<b>21 35 16</b>
ø 4.2 x 06 mm	<input type="checkbox"/>	<b>21 42 06</b>
ø 4.2 x 08 mm	<input type="checkbox"/>	<b>21 42 08</b>
ø 4.2 x 10 mm	<input type="checkbox"/>	<b>21 42 10</b>
ø 4.2 x 13 mm	<input type="checkbox"/>	<b>21 42 13</b>
ø 4.2 x 16 mm	<input type="checkbox"/>	<b>21 42 16</b>
ø 5.0 x 06 mm	<input type="checkbox"/>	<b>21 50 06</b>
ø 5.0 x 08 mm	<input type="checkbox"/>	<b>21 50 08</b>
ø 5.0 x 10 mm	<input type="checkbox"/>	<b>21 50 10</b>
ø 5.0 x 13 mm	<input type="checkbox"/>	<b>21 50 13</b>
ø 5.0 x 16 mm	<input type="checkbox"/>	<b>21 50 16</b>
ø 6.0 x 06 mm	<input type="checkbox"/>	<b>21 60 06</b>
ø 6.0 x 08 mm	<input type="checkbox"/>	<b>21 60 08</b>
ø 6.0 x 10 mm	<input type="checkbox"/>	<b>21 60 10</b>
ø 6.0 x 13 mm	<input type="checkbox"/>	<b>21 60 13</b>

### Dense drill

**double-coloured,  
max. 800 rpm**

**ø 4,2 x 13**

Description		Art. No.
ø 3.5 x 08 mm	<input type="checkbox"/>	<b>22 35 08</b>
ø 3.5 x 10 mm	<input type="checkbox"/>	<b>22 35 10</b>
ø 3.5 x 13 mm	<input type="checkbox"/>	<b>22 35 13</b>
ø 3.5 x 16 mm	<input type="checkbox"/>	<b>22 35 16</b>
ø 4.2 x 06 mm	<input type="checkbox"/>	<b>22 42 06</b>
ø 4.2 x 08 mm	<input type="checkbox"/>	<b>22 42 08</b>
ø 4.2 x 10 mm	<input type="checkbox"/>	<b>22 42 10</b>
ø 4.2 x 13 mm	<input type="checkbox"/>	<b>22 42 13</b>
ø 4.2 x 16 mm	<input type="checkbox"/>	<b>22 42 16</b>
ø 5.0 x 06 mm	<input type="checkbox"/>	<b>22 50 06</b>
ø 5.0 x 08 mm	<input type="checkbox"/>	<b>22 50 08</b>
ø 5.0 x 10 mm	<input type="checkbox"/>	<b>22 50 10</b>
ø 5.0 x 13 mm	<input type="checkbox"/>	<b>22 50 13</b>
ø 5.0 x 16 mm	<input type="checkbox"/>	<b>22 50 16</b>
ø 6.0 x 06 mm	<input type="checkbox"/>	<b>22 60 06</b>
ø 6.0 x 08 mm	<input type="checkbox"/>	<b>22 60 08</b>
ø 6.0 x 10 mm	<input type="checkbox"/>	<b>22 60 10</b>
ø 6.0 x 13 mm	<input type="checkbox"/>	<b>22 60 13</b>

### Screw tap (helix) (max. 25 rpm)

**ø 4,2**

Description		Art. No.
ø 3.5 mm	<input type="checkbox"/>	<b>23 35 00</b>
ø 4.2 mm	<input type="checkbox"/>	<b>23 42 00</b>
ø 5.0 mm	<input type="checkbox"/>	<b>23 50 00</b>
ø 6.0 mm	<input type="checkbox"/>	<b>23 60 00</b>

**Example:**  
FO ø 4.2 x 13 mm

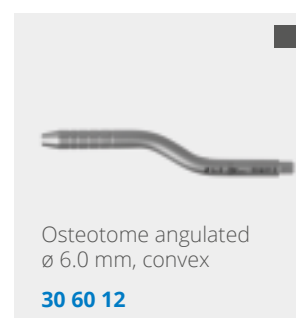
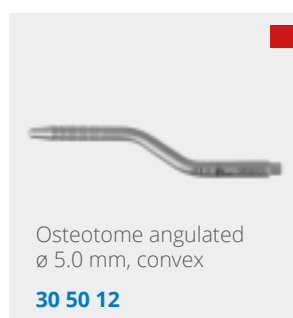
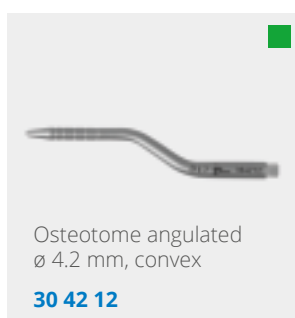
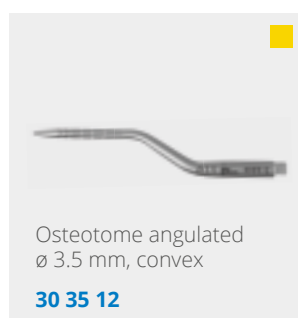
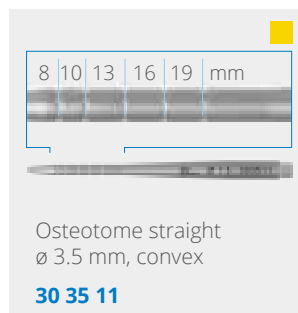
**ø 4,2 x 13**

Bottom edge of the black ring

1 mm upper edge black ring  
3 mm overall shaft length

## ■ Osteotomes (D4)

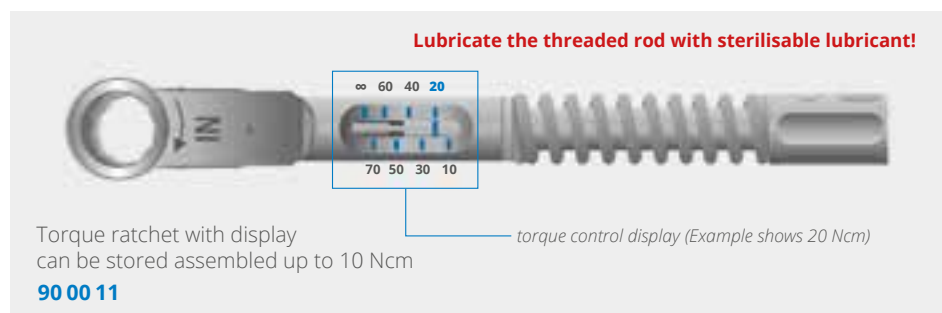
Diameter specifications refer to the implant diameter. The actual diameter is smaller and corresponds to the core diameter of the implants.



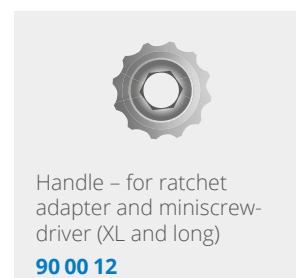
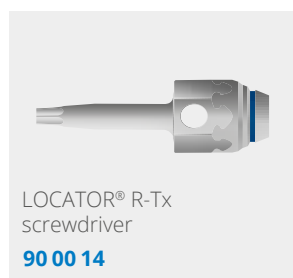
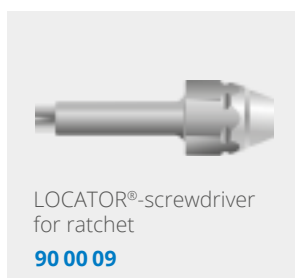
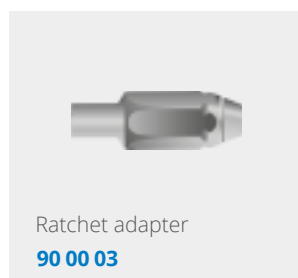
## ■ Twister handle



## ■ Ratchet with torque control

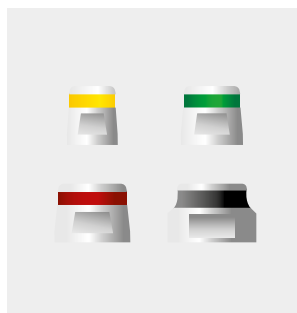


## ■ Ratchet equipment



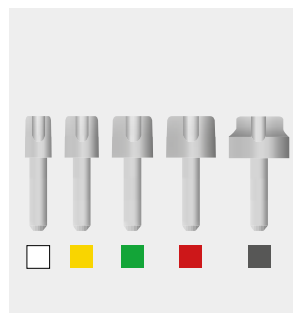


## ■ Drill probe



Description		Art. No.
ø 3.5 mm		30 35 00
ø 4.2 mm		30 42 00
ø 5.0 mm		30 50 00
ø 6.0 mm		30 60 00

## ■ Probe for excision



Description		Art. No.
ø 2.8 mm		30 28 01
ø 3.5 mm		30 35 01
ø 4.2 mm		30 42 01
ø 5.0 mm		30 50 01
ø 6.0 mm		30 60 01

## ■ Soft tissue punch (excision)



Description		Art. No.
ø 2.8 mm		30 28 02
ø 3.5 mm		30 35 02
ø 4.2 mm		30 42 02
ø 5.0 mm		30 50 02
ø 6.0 mm		30 60 02

## ■ Drill extension (max. 20 Ncm)



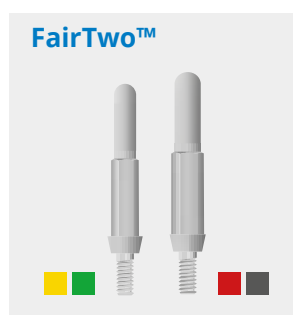
**! Do not use for insertion instruments**

Description	Art. No.
Drill extension	90 00 04

## ■ Direction indicators

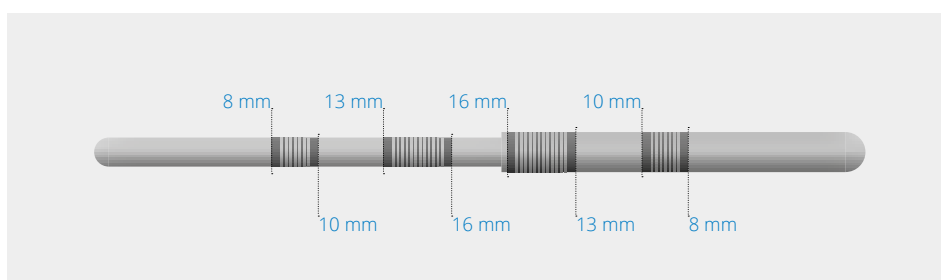


Description		Art. No.
ø 3.5 mm		90 35 03
ø 4.2 mm		90 42 03
ø 5.0 mm ø 6.0 mm	 	90 50 03



Description		Art. No.
FairTwo™ Platform S		90 16 03
FairTwo™ Platform L		90 20 03

## ■ Depth probe for pilot drills ø 1.5 and ø 2.0 mm



Description	Art. No.
Depth probe ø 1.5 mm / 2.0 mm	90 20 00

Image similar



90 90 00

scope of delivery



## Minimal invasive set FairImplant™ Ø 3.5 - 5.0 mm

### FairImplant™-System Starter-Set

Content: **pilot drill** (Ø 2.0 mm), **pilot drill** (Ø 1.5 mm and Ø 2.0 mm), **drill probe** (Ø 3.5; 4.2; 5.0 mm), **tissue punch support** (Ø 3.5; 4.2; 5.0 mm), **soft tissue punch** (Ø 3.5; 4.2; 5.0 mm), **depth probe**, **insertion tool** (Ø 3.5; 4.2; 5.0 mm), **insertion tool friction** (Ø 3.5; 4.2; 5.0 mm), **insertion tool FT** (short, long S and short, long L), **screwdriver FT** (long), **miniscrewdriver FT** (long), **direction indicator FairOne™** (Ø 3.5; 4.2; 5.0 mm), **direction indicator FairTwo™** (S and L), **drill extension**, **take-out tool** (S and L), **counter**, **ratchet adapter**, **ratchet with torque control**, **implant drill** (Ø 3.5 x 8/10/13 mm; Ø 4.2 x 8/10/13 mm; Ø 5.0 x 8/10/13 mm), **dense drill** (Ø 3.5 x 8/10/13 mm; Ø 4.2 x 8/10/13 mm; Ø 5.0 x 8/10/13 mm), **screw tap** (Ø 3.5; Ø 4.2; Ø 5.0 mm), **steri container**, **retaining plate**

#### Description

Minimal invasive set FairImplant™ Ø 3.5 - 5.0 mm, 8 to 13 mm

Art. No.

90 90 00

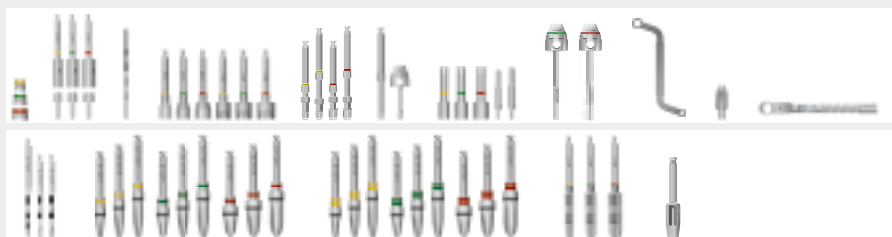


Image similar



90 90 07

scope of delivery



## Complete set minimal invasive FairImplant™ Ø 2.8 - 6.0 mm

### All system possibilities in one tray incl. osteotomes

Content: **pilot drill** (Ø 2.0 mm), **pilot drill** (Ø 1.5 mm and Ø 2.0 mm), **drill probe** (Ø 3.5; 4.2; 5.0; 6.0 mm), **tissue punch support** (Ø 2.8; 3.5; 4.2; 5.0; 6.0 mm), **soft tissue punch** (Ø 2.8; 3.5; 4.2; 5.0; 6.0 mm), **depth probe**, **insertion tool** (Ø 2.8; 3.5; 4.2; 5.0 mm), **insertion tool friction** (Ø 3.5; 4.2; 5.0 mm), **insertion tool FT** (short, long S and short, long L), **screwdriver FT** (short and long), **miniscrewdriver** (short, long, XL), **direction indicator FairOne™** (Ø 3.5; 4.2; 5.0 mm), **2 x direction indicator FairTwo™** (S and L), **drill extension**, **take-out tool** (S and L), **counter**, **ratchet adapter**, **handle**, **LOCATOR® R-Tx screwdriver**, **ratchet with torque control**, **osteotome set** (twister handle, straight and angulated Ø 3.5; Ø 4.2; Ø 5.0; Ø 6.0 mm), **implant drill** (Ø 2.8 x 10+13 mm; Ø 3.5 x 8/10/13/16 mm; Ø 4.2 x 6/8/10/13/16 mm; Ø 5.0 x 6/8/10/13/16 mm; Ø 6.0 x 6/8/10/13 mm), **dense drill** (Ø 3.5 x 8/10/13/16 mm; Ø 4.2 x 6/8/10/13/16 mm; Ø 5.0 x 6/8/10/13/16 mm; Ø 6.0 x 6/8/10/13 mm), **screw tap** (Ø 3.5; Ø 4.2; Ø 5.0; Ø 6.0 mm), **steri container**, **retaining plate**

#### Description

Complete set minimal invasive FairImplant™ Ø 2.8 - 6.0 mm, 6 to 16 mm

Art. No.

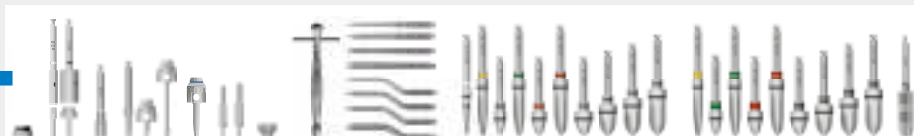
90 90 07

90 00 13



90 90 00

Image similar





90 90 01

## Starter-Set FairOne™ – incl. multi length drills

Your economic start with our one-piece FairOne™-System

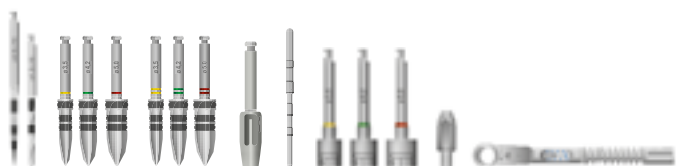
Content: **pilot drill** (ø 2.0 L16), **pilot drill** (ø 2.0 L19), **implant drill** (ø 3.5/ø 4.2/ ø 5.0x08-10-13 mm), **dense drill** (ø 3.5/ø 4.2/ø 5.0x08-10-13 mm), **drill extension**, **depth probe** (ø 2.0 / 1.5), **insertion tool friction** (ø 3.5/ø 4.2/ ø 5.0), **ratchet with torque control**, **ratchet adapter**, **mini-tray**

### Description

Starter-Set FairOne™ ø 3.5 - 5.0 mm, 10 to 13 mm

### Art. No.

90 90 01



90 90 02

## Starter-Set FairTwo™ – incl. multi length drills

Your economic start with our two-piece FairTwo™-System

Content: **pilot drill** (ø 2.0 L16), **pilot drill** (ø 2.0 L19), **dense drill** (ø 3.5/ø 4.2/ ø 5.0x08-10-13 mm), **dense drill** (ø 4.2/ø 5.0x6 mm), **drill extension**, **depth probe** (ø 2.0 / 1.5), **take-out tool** (S and L), **insertion tool FT** (long S and long L), **screwdriver FT** (long), **insertion tool friction** (ø 3.5/ ø 5.0), **ratchet with torque control**, **ratchet adapter**, **mini-tray**

### Description

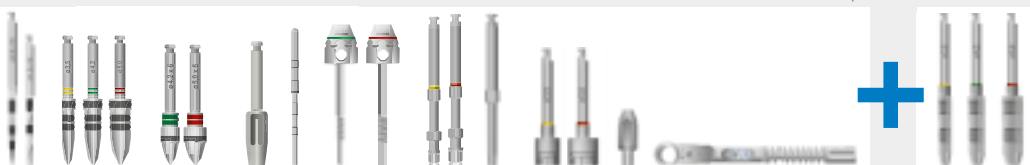
Starter-Set FairTwo™ ø 3.5 - 5.0 mm, 10 to 13 mm

### Art. No.

90 90 02

+ Starter-Set FairTwo™ ø 3.5 - 5.0 mm, 10 to 13 mm + screw tap

90 90 04



## FairTwo™ prosthetic Starter-Set

Special set for sender and dental-laboratories

Content: **ratchet with torque control**, **ratchet adapter**, **LOCATOR® R-Tx screwdriver**, **screwdriver FT** (long), **miniscrewdriver** (XL), **take-out tool** (S and L), **mini-tray**

### Description

FairTwo™ prosthetic Starter-Set

### Art. No.

90 90 20



## Starter-Set FairOne™ and FairTwo™

Eco-start for the one- and two-piece system

Content: **Starter-Set FairTwo™ + implant drill** (ø 3.5/ø 4.2/ø 5.0x08-10-13 mm), **insertion tool friction** (ø 4.2)

### Description

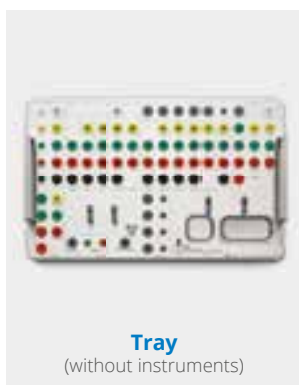
Starter-Set FairOne™ and FairTwo™

### Art. No.

90 90 03



## ■ System accessory

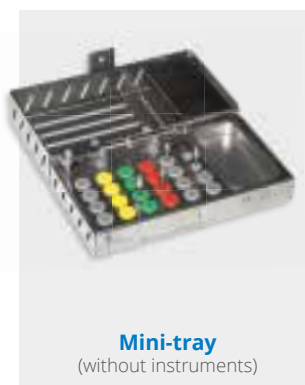


### Description

Tray for system components

### Art. No.

**90 00 00**



### Description

mini-tray  
individual, 24 positions possible, ratchet holder and dish

### Art. No.

**FI-50 08 40**



### Description

Sterilisation container  
DIN, 310 x 190 x 65 mm

### Art. No.

**FI-85.327.10**



< content see on page 36

### Description

osteotome wash-tray

### Art. No.

**90 00 13**



### Description

Permanent filter  
Teflon 2 pieces for container FI-85.327.10 (Zepf)  
Permanent filter  
Teflon 2 pieces for IMS container, Hu-Friedy

### Art. No.

**FI-85.327.60**

**FI-IMCO-FIL1**



### Description

Paper filter  
100 pieces for IMS container, Hu-Friedy

### Art. No.

**FI-IMCO-FIL2**

## ■ System informations

You will find further informations, case papers, news and our Online-Shop on [www.fairimplant.com](http://www.fairimplant.com)



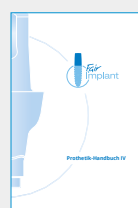
**Surgery manual**

### Description

Surgery manual  
48 pages, DIN A4  
with many tips and  
important notes.

### Art. No.

**99 00 03**



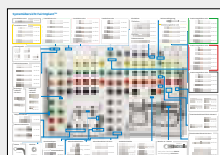
**Prosthetic manual**

### Description

Prosthetic manual IV  
64 pages, DIN A4  
with many tips and  
important notes.

### Art. No.

**99 00 06**



**System overview**

### Description

System overview  
tray FairOne™

### Art. No.

**99 00 04**



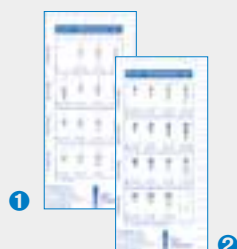
**Drill use  
documentation**

### Description

Drill use  
documentation

### Art. No.

**99 00 05**



**X-ray models**

### Description

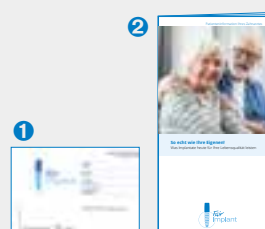
**1**  
X-ray model  
FO + FT 100 %

**2**  
X-ray model  
FO + FT 130 %

### Art. No.

**99 01 00**

**99 01 30**



**Implant pass  
Patient flyer**

### Description

**1** Implant pass  
10 pieces

**2** patient flyer  
(german)

### Art. No.

**99 00 00**

**99 00 01**

# FairWhite™ BIOLINE

## ■ FairWhite™ 2.0

The FairWhite™ dental implant is a one-piece, conical-cylindrical cylindrical dental implant with a self-tapping thread made of a high-performance ceramic. It is available in various diameters and lengths. It is used as one phase implant.

The implant, which was launched in 2011, has been comprehensively improved in three key points in 2020.

- First, it is more fatigue-resistant due to further optimization of the ceramic-compatible design.
- Second, the new emergence shape Parallel offers biological advantages for hard and soft tissue integration.
- Thirdly, the sizes refer now to the standard of FairImplant. Therefore all the reliable instruments and accessories from the FairImplantsystem such as form drills, punches, insertion etc can also be used for FairWhite or respectively the instruments from FairWhite can also be used for placing FairOne or FairTwo.



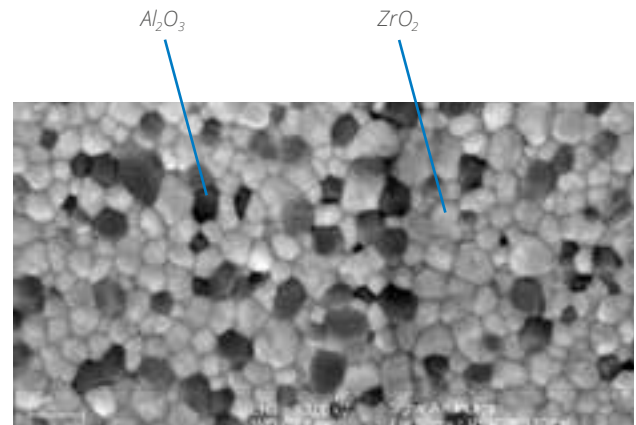
## ■ Ziraldent®

Ceramics are not all equal. Implants and drills are made from Ziraldent® which is an Alumina Toughened Zirconia (ATZ). Ziraldent® is produced laboriously for fully biocompatibility and an outstanding bending strength of 2.000 MPa.

## ■ ZircaPore®

The patented implant surface ZircaPore® creates the best prerequisites for a tight bone/implant union. When compared with an established and proven implant surface, ZircaPore® demonstrates comparable osseointegration and consequential secondary strength. Clinical studies confirm comparable healing periods as seen with other modern dental implants.

The extraordinary tissue-friendliness of Ziraldent® bioceramic implants also supports soft tissue management.



Source: METOXIT AG

Microstructure of the high-tech ceramic Ziraldent®

### material samples



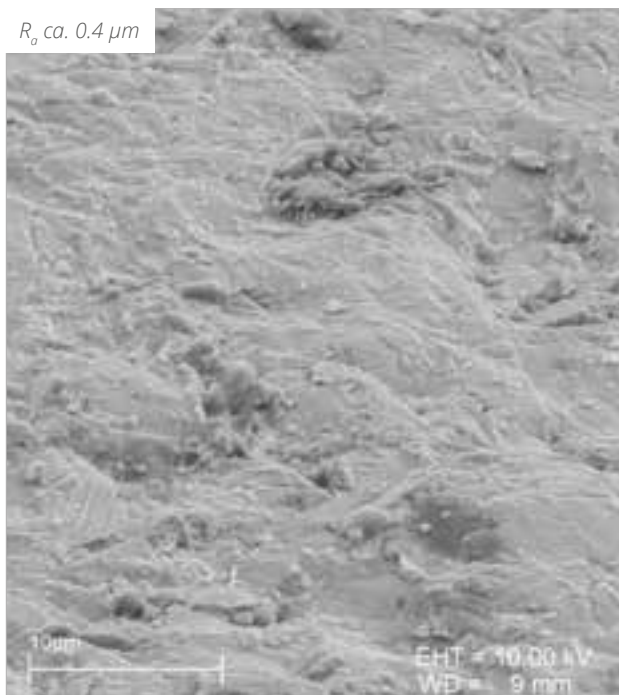
ø 5.2 x 1.5 mm

for immune reaction testing

Description	Art. No.
Ziraldent®	40 39 92
ZircaPore® + Ziraldent®	40 64 76

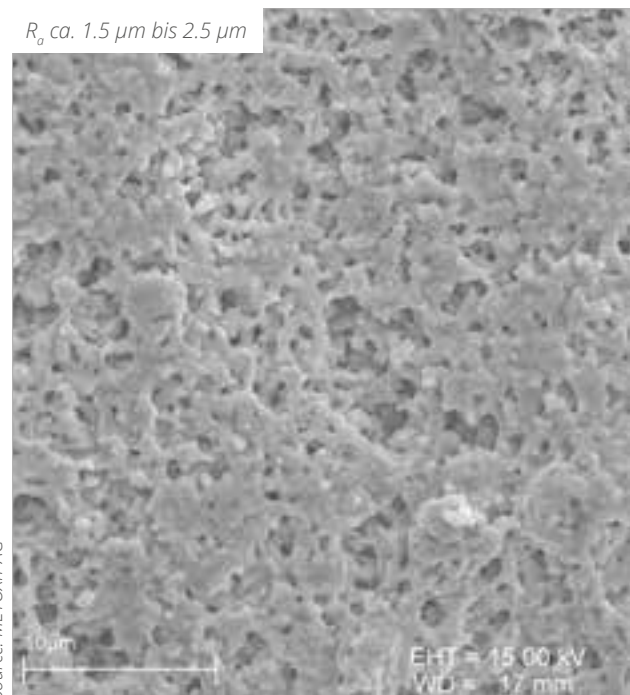
## Sandblasted zirconia surface vs. ZircaPore®

$R_a$  ca. 0.4  $\mu\text{m}$



Sandblasted zirconia surface

$R_a$  ca. 1.5  $\mu\text{m}$  bis 2.5  $\mu\text{m}$



ZircaPore® surface

Source: METOXIT AG

Source: METOXIT AG

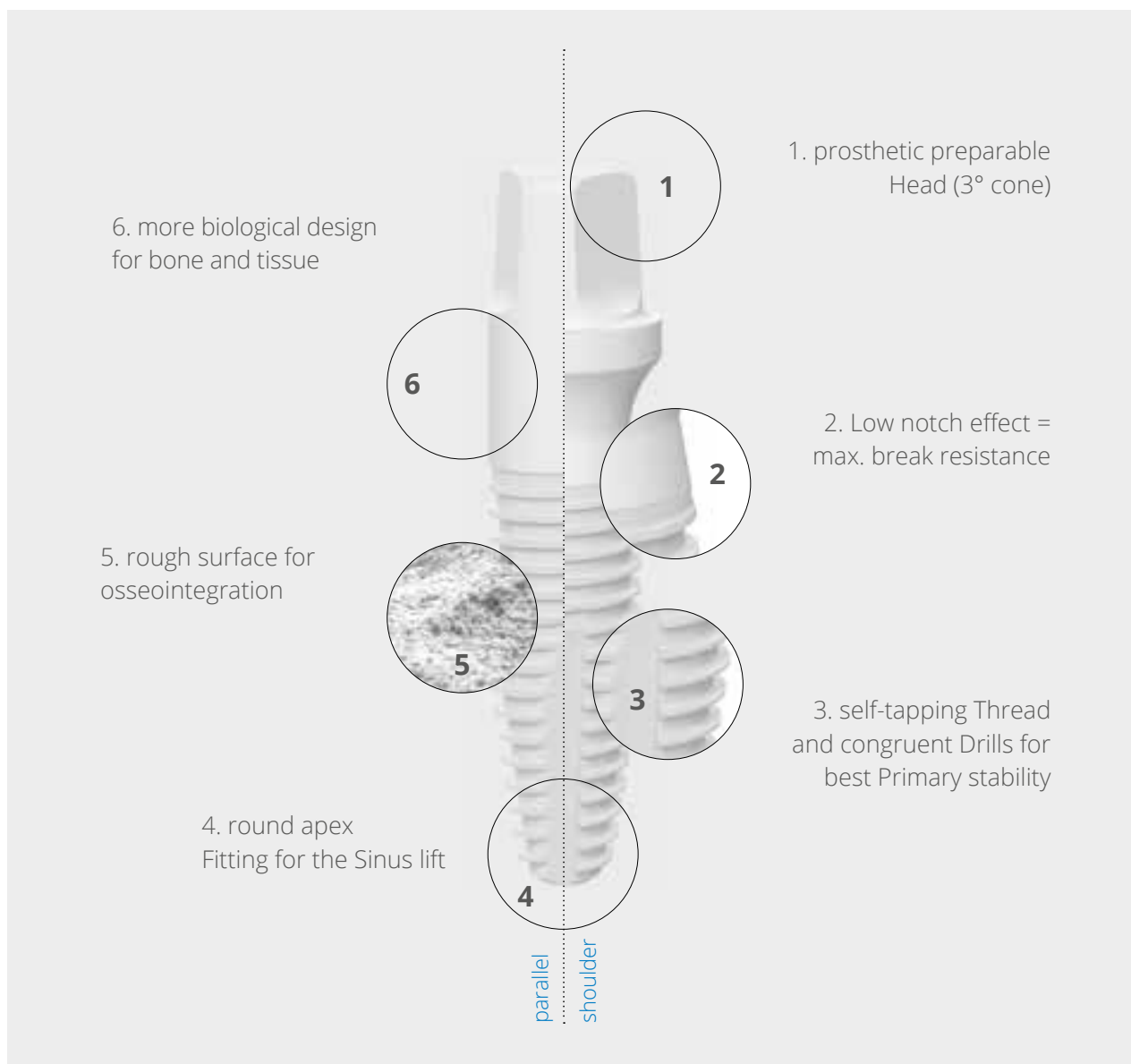
## ■ System description FairWhite™

The implant design is a one-piece implant with either a defined implant shoulder or, in the parallel variant, with a nondefined emergence profile with a 3 mm long emergence zone that accepts the given hard and soft tissue situation.

The prosthetic head is 4 mm long and corresponds to the FairOne head. The implants are available in nominal lengths of 8, 10 and 13 mm and with diameters of 3.5 mm, 4.2 mm and 5.0 mm.

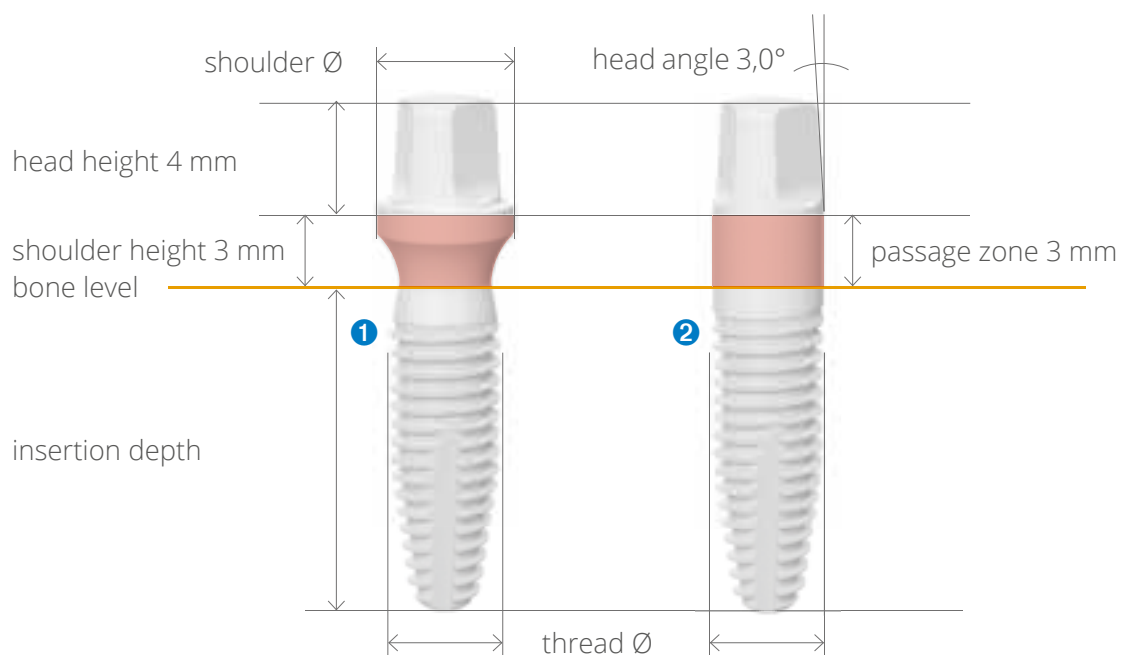
All FairWhite implants are made in Switzerland!

swiss made 





## ■ Details FairWhite™ implants



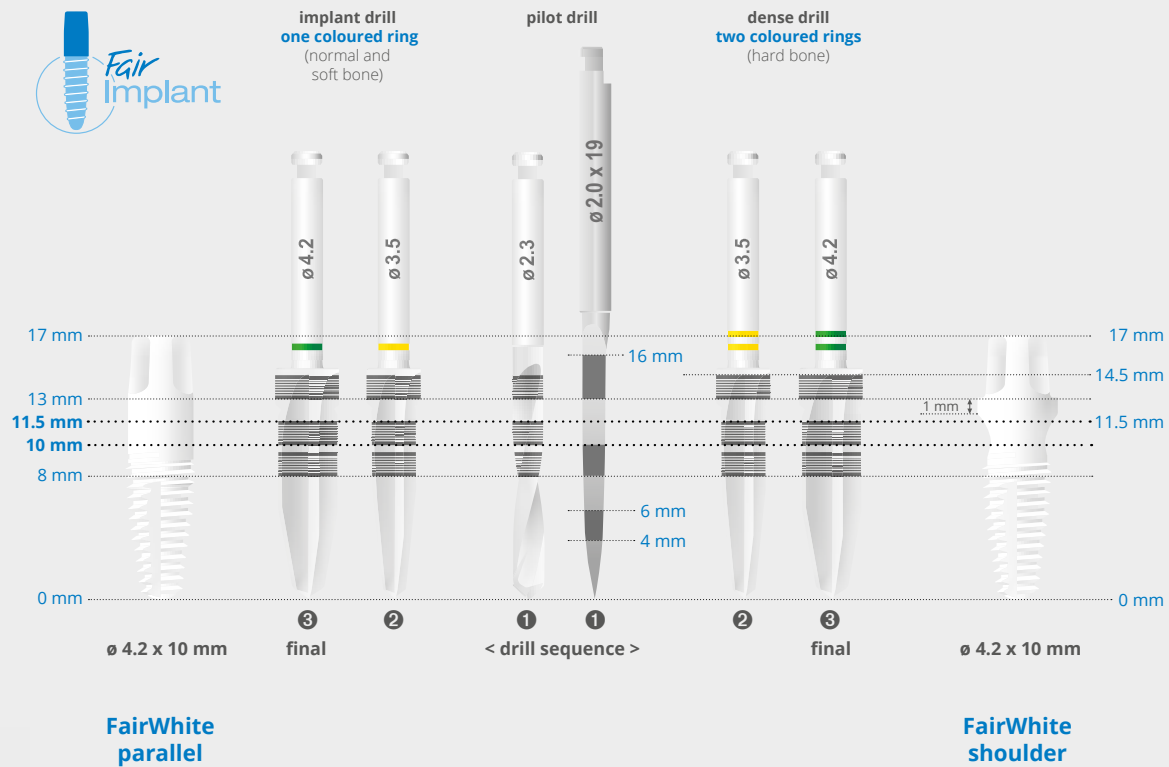
### ① FairWhite shoulder

Artikel No.	shoulder Ø	insertion depth	thread Ø
14 35 10	4.4 mm	10 mm	3.5 mm
14 35 13	4.4 mm	13 mm	3.5 mm
14 42 08	5.2 mm	8 mm	4.2 mm
14 42 10	5.2 mm	10 mm	4.2 mm
14 42 13	5.2 mm	13 mm	4.2 mm
14 50 08	6.0 mm	8 mm	5.0 mm
14 50 10	6.0 mm	10 mm	5.0 mm
14 50 13	6.0 mm	13 mm	5.0 mm

### ② FairWhite parallel

Artikel No.	shoulder Ø	insertion depth	thread Ø
13 35 10	3.5 mm	10 mm	3.5 mm
13 35 13	3.5 mm	13 mm	3.5 mm
13 42 08	3.5 mm	8 mm	4.2 mm
13 42 10	4.2 mm	10 mm	4.2 mm
13 42 13	4.2 mm	13 mm	4.2 mm
13 50 08	5.0 mm	8 mm	5.0 mm
13 50 10	5.0 mm	10 mm	5.0 mm
13 50 13	5.0 mm	13 mm	5.0 mm

## Overview drill protocol with FairWhite 4.2 x 10 mm

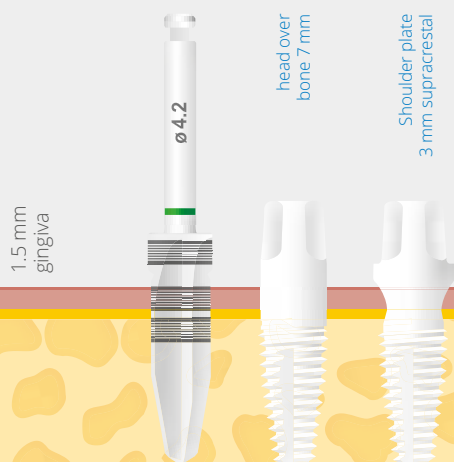


## Variable placement between the lower and upper mark

On the example of FairWhite parallel Ø 4.2 x 10 mm and FairWhite shoulder Ø 4.2 x 10 mm



### standard placement FairWhite™ Parallel + Schuller lower mark



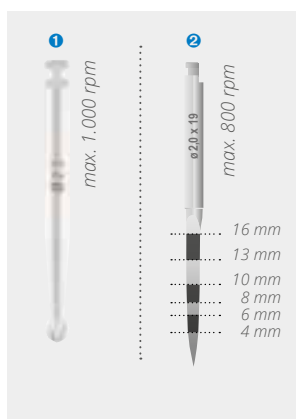
### FairWhite™ parallel + shoulder upper mark standard + 1.5 mm

### Important instructions for use

- Prosthetic conical head must be above the mucous membrane
- Placement of the FairWhite shoulder only up to the upper mark, otherwise the cortex has to be dissected

## ■ FairWhite™ ceramic metal-free instruments

The material of all drills except the triangle pilot drill are made of Ziraldent® and 100 % metal-free. Cutting and running time are excellent. All instruments are made in Germany.



Description	Ø	Art. No.
① Rosehead drill	2.3 mm	20 23 10BK
② Triangle pilot (medical steel)	2.0 mm	20 20 19



### Implant drill one color ring

Ø	Art. No.
3.5 mm	21 35 08-10-13BK
4.2 mm	21 42 08-10-13BK
5.0 mm	21 50 08-10-13BK



Description	Ø	Art. No.
Pilot drill	2.3 mm	20 23 16BK

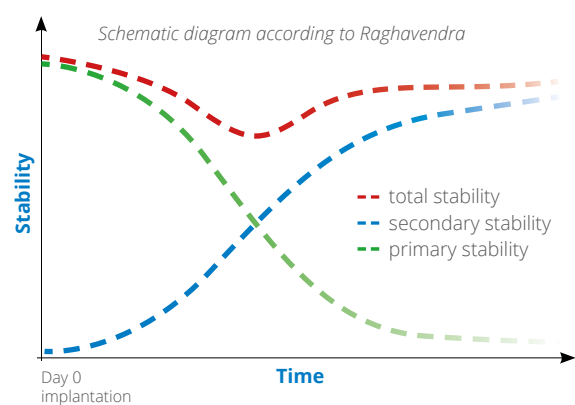


### Dense drill double-colored rings

Ø	Art. No.
3.5 mm	22 35 08-10-13BK
4.2 mm	22 42 08-10-13BK
5.0 mm	22 50 08-10-13BK

### Drill size fits implant

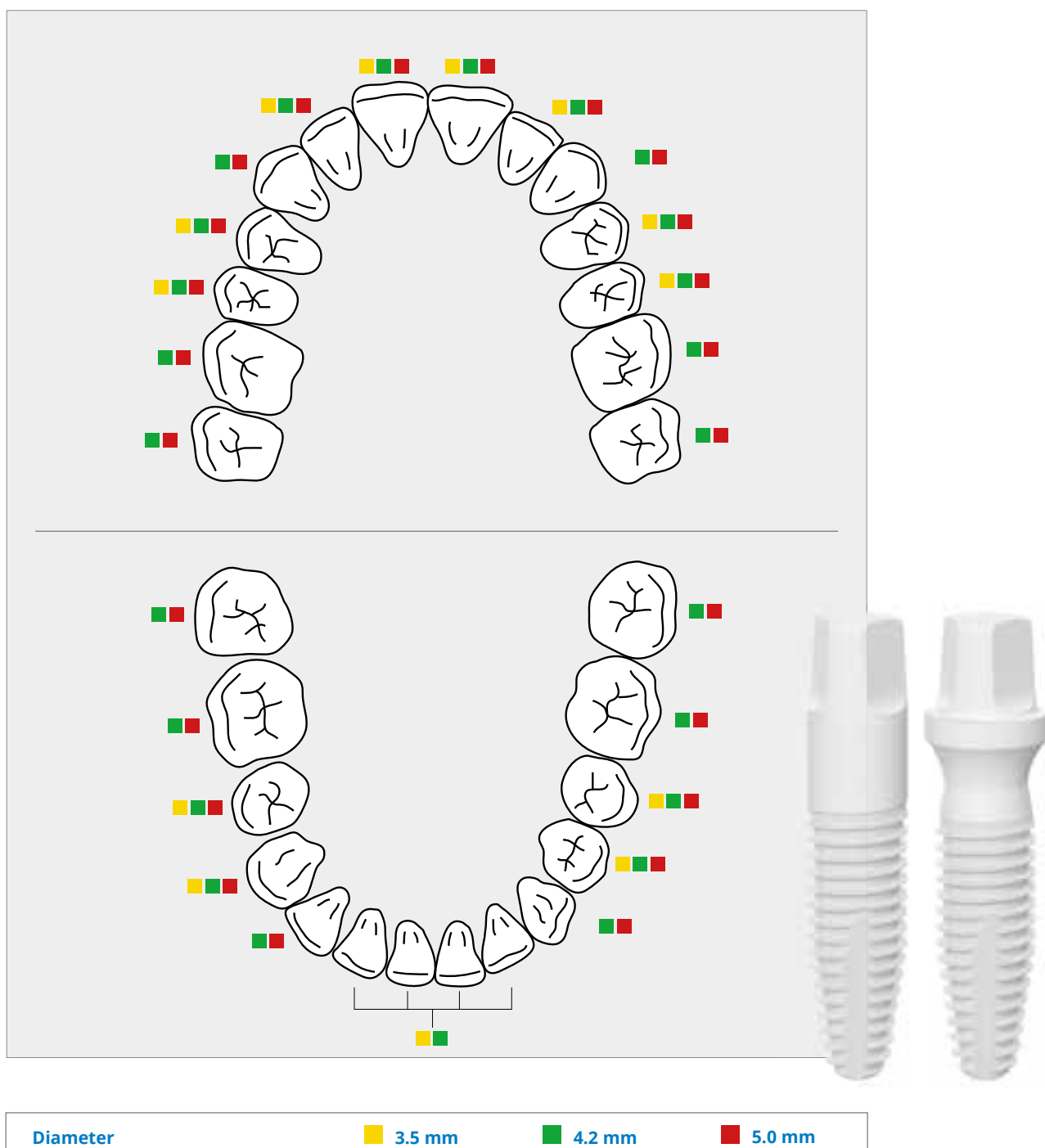
Matching shape ensures  
primary stability and  
minimum bone distance



Very high primary stability and minimal distance to optimise stability during the critical phase

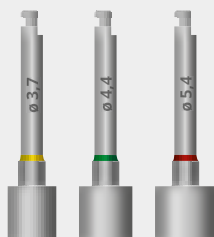
### ■ Indication for FairWhite implants

Reduced diameter FairWhite™ implants of the size 3.5 mm diameter should not be used in high-load areas such as the molar region. The color coding serves as a guide.



## ■ Instruments and equipment

Insertion tool  
FairWhite



Ø	Art. No.
3.5 mm	<b>90 35 01</b>
4.2 mm	<b>90 42 01</b>
5.0 mm	<b>90 50 01</b>

Ratchet adapter



Ratchet equipment	Art. No.
Ratchet adapter	<b>90 00 03</b>

Drill extension



max. 20 Ncm

**!** Do not use for  
insertion instruments

Drill extension	Art. No.
universal	<b>90 00 04</b>

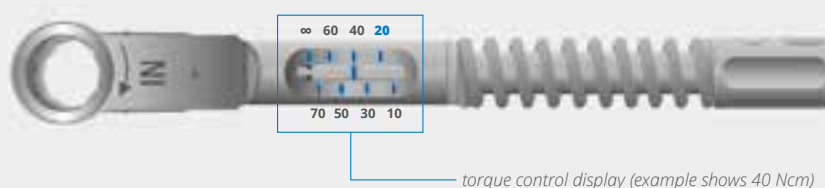
FairWhite tray



FairWhite tray	Art. No.
Complete-Set FairWhite™	<b>FW Tray II</b>

Ratchet with torque control 10 - 70 Ncm

system-ratchet also for FairWhite



Ratchet	Art. No.
Torque ratchet with display can be stored assembled up to 10 Ncm	<b>90 00 11</b>

Gingiva protection  
including impression  
coping



Caps FairWhite	Art. No.
shoulder ø 3.5 mm	<b>42 35 00</b>
shoulder ø 4.2 mm	<b>42 42 00</b>
shoulder ø 5.0 mm	<b>42 50 00</b>

laboratory analogs  
FairWhite





















Ø	Art. No.
<b>1</b> 3.5 mm	<b>80 35 04</b>
<b>1</b> 4.2 mm	<b>80 42 04</b>
<b>1</b> 5.0 mm	<b>80 50 04</b>
<b>2</b> 3.5 mm	<b>80 35 02</b>
<b>2</b> 4.2 mm	<b>80 42 02</b>
<b>2</b> 5.0 mm	<b>80 50 02</b>

material: plastic  
steel analogs: page 13



## Overview speeds and torques

<p>max. 800 rpm</p>  <p>pilot drill triangular</p>	<p>max. 800 rpm</p> <p>ø 1,5    ø 2,0</p>  <p>pilot drill</p>	<p>max. 800 rpm</p>  <p>soft tissue punch</p>	<p>max. 6000 rpm</p>  <p>drill extension</p>
<p>max. 800 rpm</p>  <p>implant drill</p>	<p>max. 800 rpm</p>  <p>dense drill</p>	<p>max. 800 rpm</p>  <p>Mehrlängenbohrer</p>	<p>max. 800 rpm</p> <p>Erweiterung</p>  <p>Mehrlängenbohrer</p>
<p>max. 25 rpm</p>  <p>screw tap</p>	<p>max. 25 rpm</p>  <p>insertion tool friction</p>	<p>max. 25 rpm</p>  <p>insertion tool</p>	<p>max. 25 rpm</p>  <p>insertion tool FT</p>
<p><b>Cave: 0 rpm</b></p>  <p>counter</p>			
<p>max. 1000 rpm</p>  <p>bioceramic rose drill</p>	<p>max. 800 rpm</p>  <p>bioceramic pilot drill</p>	<p>recommended 50 rpm    max. 500 rpm</p>  <p>bioceramic drill</p>	<p>recommended 50 rpm    max. 500 rpm</p>  <p>bioceramic dense drill</p>
			

# Ncm

## Overview speeds and torques

**max. 20 Ncm with  
insertionsabutment  
max. 50 Ncm**



FairTwo™

**max. 5 Ncm**



FairTwo™  
cover screw

**max. 70 Ncm**



FairOne™

**max. 70 Ncm**



FairWhite™

**max. 30 Ncm**



all drills

**max. 5 Ncm**



Richtungsindikator FT

**max. 10 Ncm**



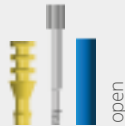
scanbody

**max. 20 Ncm**



drill extension

**max. 10 Ncm**



Impression coping

**max. 10 Ncm**



Impression coping

**max. 10 Ncm**



Einheilkappen

**max. 10 Ncm**



DIM-Analog

**def. 25 Ncm  
laboratory def. 10 Ncm**



abutment screws

**Insertion max. 20 Ncm  
def. 25 Ncm**



insertionsabutment

**Cave: 0 Ncm!**



counter

**max. 25 Ncm**



screw driver



metal base



standard



angulated



LOCATOR®  
Classic + R-Tx

**All abutments: def. 25 Ncm and laboratory 10 Ncm**



conical magnetics



One-Piece



CAM-preform





Quality made  
in Germany

23-09-07#963



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