Implant **line**

Catalog

CONICAL GRADE®

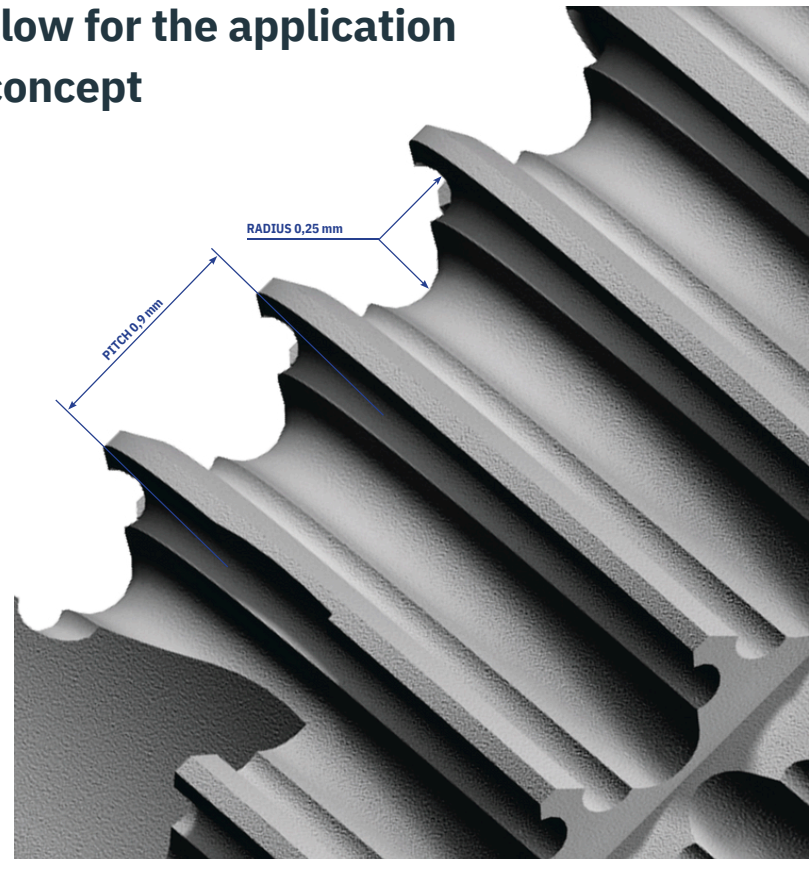
The Bio Mechanical Implant



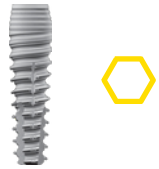
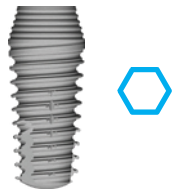
Conical Grade

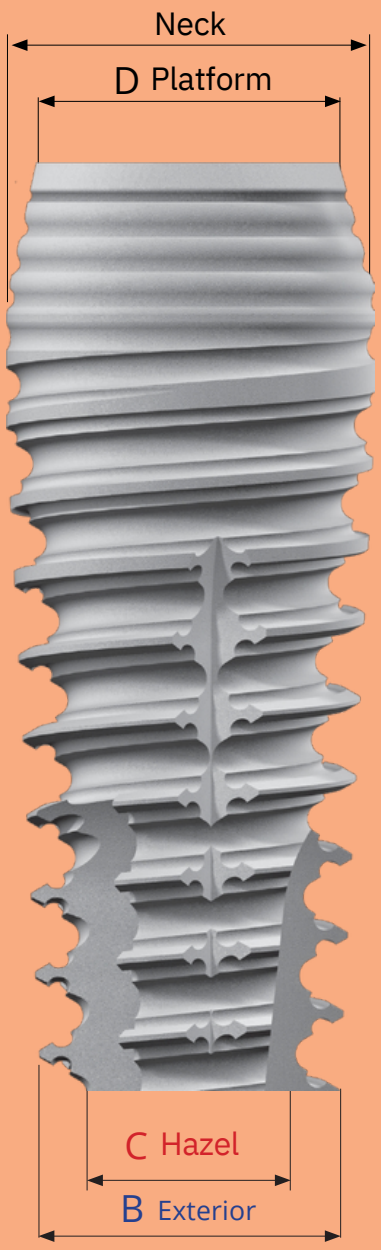
Conical grade® is a biomechanical dental implant, entirely made of Titanium Gr5. The design of its cortical collar allows for a perfect distribution of chewing loads. The spiral is produced with NEST-SHAPE® morphology, a geometry that becomes crucial during the patient's bone healing phase.

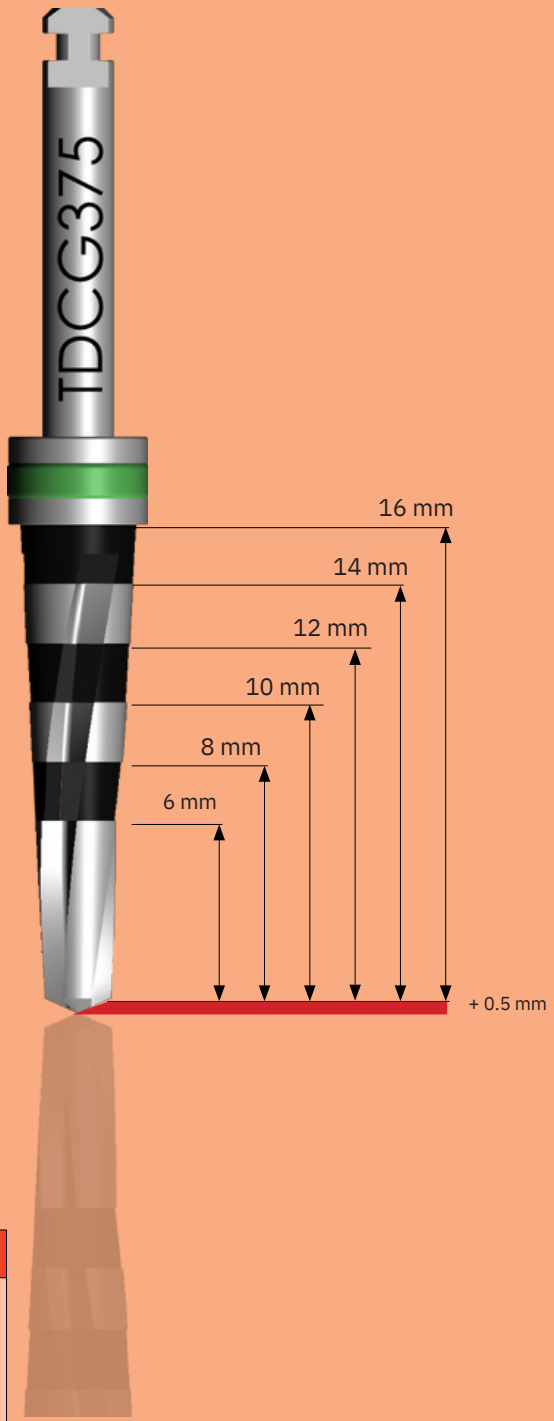
- **Uses Nest Shape® spiral (Ornaghi patent)**
- **4° conometric connection at the apex with anti-rotation and prosthetic screw**
- **Bioactive SLA surface**
- **Guided surgery**
- **Compatible with our Prasa prosthetic solution**
- **Prosthetic components for digital workflows**
- **The conical closure is sized to allow for the application of the PLATFORM SWITCHING concept**

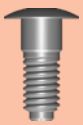


Conical Grade Sizes

	Length	Code Art,	Measures			
			A	B	C	D
 D 3.3 plant	8 mm	CG33008	Ø 3,75	Ø 2,9	Ø 2,0	Ø 3,6
	10 mm	CG33010	Ø 3,75	Ø 2,7	Ø 1,8	Ø 3,6
	12 mm	CG33012	Ø 3,75	Ø 2,5	Ø 1,6	Ø 3,6
	14 mm	CG33014	Ø 3,75	Ø 2,3	Ø 1,3	Ø 3,6
 Plant D 3.75	8 mm	CG37508	Ø 3,75	Ø 3,2	Ø 2,2	Ø 3,6
	10 mm	CG37510	Ø 3,75	Ø 3,0	Ø 2,0	Ø 3,6
	12 mm	CG37512	Ø 3,75	Ø 2,8	Ø 1,8	Ø 3,6
	14 mm	CG37514	Ø 3,75	Ø 2,6	Ø 1,6	Ø 3,6
 Plant D 4.2	5.5 mm	CG4255	Ø 4,2	Ø 3,6	Ø 2,8	Ø 3,6
	8 mm	CG4208	Ø 4,2	Ø 3,6	Ø 2,6	Ø 3,6
	10 mm	CG4210	Ø 4,2	Ø 3,5	Ø 2,5	Ø 3,6
	12 mm	CG4212	Ø 4,2	Ø 3,2	Ø 2,2	Ø 3,6
	14 mm	CG4214	Ø 4,2	Ø 3,0	Ø 2,0	Ø 3,6
 Plant D 5.0	5.5 mm	CG5055	Ø 5,0	Ø 4,8	Ø 3,8	Ø 3,6
	8 mm	CG5008	Ø 5,0	Ø 4,5	Ø 3,5	Ø 3,6
	10 mm	CG5010	Ø 5,0	Ø 4,3	Ø 3,3	Ø 3,6
	12 mm	CG5012	Ø 5,0	Ø 4,0	Ø 3,0	Ø 3,6
	14 mm	CG5014	Ø 5,0	Ø 3,8	Ø 2,8	Ø 3,6
 Plant D 6.0	5.5 mm	CG6055	Ø 6,0	Ø 5,8	Ø 4,8	Ø 3,6
	8 mm	CG6008	Ø 6,0	Ø 5,5	Ø 4,5	Ø 3,6
	10 mm	CG6010	Ø 6,0	Ø 5,3	Ø 4,3	Ø 3,6
	12 mm	CG6012	Ø 6,0	Ø 5,0	Ø 4,0	Ø 3,6
	14 mm	CG6014	Ø 6,0	Ø 5,8	Ø 4,8	Ø 3,6

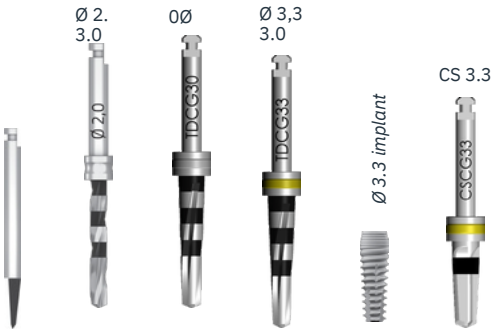




SCREW CAP	
	Made of Gr5 titanium, it is provided in every implant package. Manually usable with the Es 1.3 mm driver the Closing Torque is 15/20 Ncm.

The surgical sequence

PLANT Ø 3.3



Step 1: Lanceolate cutter — No. rpm: 1200
Step 2: bur Ø 2.0 - Ø 3.0 implant depth — No. rpm: 900
Step 3: drill Ø 3.3 implant depth — No. rpm: 900
Step 4: For DI cutter CS 3.3 h 6 mm — No. rpm: 900

PLANT Ø 3.75



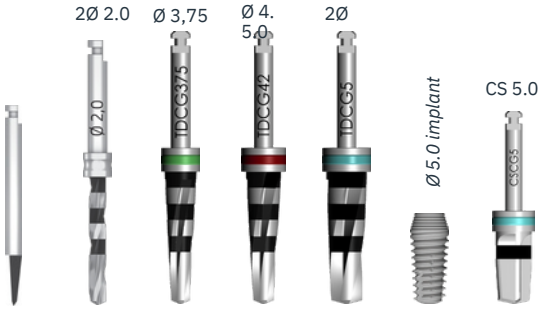
Step 1: Lanceolate cutter — No. rpm: 1200
Step 2: bur Ø 2.0 - Ø 3.0 implant depth — No. rpm: 900
Step 3: drill Ø 3.75 implant depth — No. rpm: 900
Step 4: For DI cutter CS 3.75 h 6 mm — No. rpm: 900

PLANT Ø 4.2



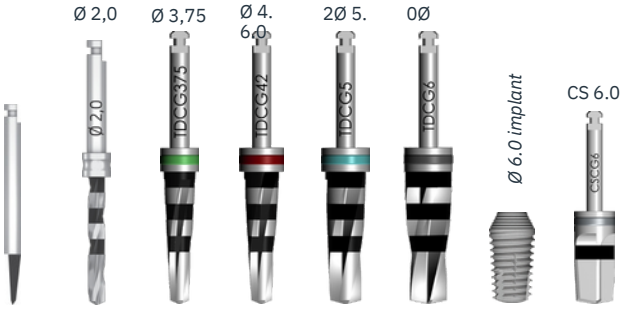
Step 1: Lanceolate cutter — No. rpm: 1200
Step 2: Drill Ø 2.0 - Ø 3.0 implant depth — No. rpm: 900
Step 3: Drill Ø 3.75 - Ø 4.2 implant depth — No. rpm: 900
Step 4: For DI drill CS 4.2 h 6 mm — No. rpm: 900

PLANT Ø 5.0



Step 1: Lanceolate cutter — No. rpm: 1200
Step 2: bur Ø 2.0 - Ø 3.0 implant depth — No. rpm: 900
Step 3: drill Ø 3.75 - Ø 4.2 - Ø 5.0 implant depth — No. rpm: 900
Step 4: For DI cutter CS 5.0 h 6 mm — No. rpm: 900

PLANT Ø 6.0



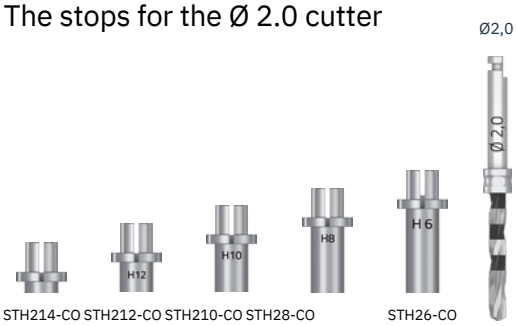
Step 1: Lanceolate cutter — No. rpm: 1200
Step 2: bur Ø 2.0 - Ø 3.75 implant depth — No. rpm: 900
Step 3: drill Ø 4.2 - Ø 5.0 - Ø 6.0 implant depth — No. rpm: 900
Step 4: For DI cutter CS 6.0 h 6 mm — No. rpm: 900

TORQUE VALUES FOR IMPLANT DIAMETER AND BONE QUALITY

Plant	BY	DII	DIII	DIV
Ø3,3	WITH CSCG33 TORQUE ≥70	WITH CSCG33 TORQUE ≥35 WITHOUT CSCG33 TORQUE ≥50	WITHOUT CSCG33 TORQUE ≤35	WITHOUT CSCG33 ≤20
Ø3,75	WITH CSCG375 TORQUE ≥70	WITH CSCG375 TORQUE ≥35 WITHOUT CSCG375 TORQUE ≥50	WITHOUT CSCG375 TORQUE ≤35	WITHOUT CSCG375 ≤20
Ø4,2	WITH CSCG42 TORQUE ≥70	WITH CSCG42 TORQUE ≥35 WITHOUT CSCG42 TORQUE ≥50	WITHOUT CSCG42 TORQUE ≤35	WITHOUT CSCG42 ≤20
Ø5,0	WITH CSCG5 TORQUE ≥70	WITH CSCG5 TORQUE ≥35 WITHOUT CSCG5 TORQUE ≥50	WITHOUT CSCG5 TORQUE ≤35	WITHOUT CSCG375 ≤20
Ø6,0	WITH CSCG36 TORQUE ≥70	WITH CSCG6 TORQUE ≥35 WITHOUT CSCG36 TORQUE ≥50	WITHOUT CSCG6 TORQUE ≤45	WITHOUT CSCG375 ≤20

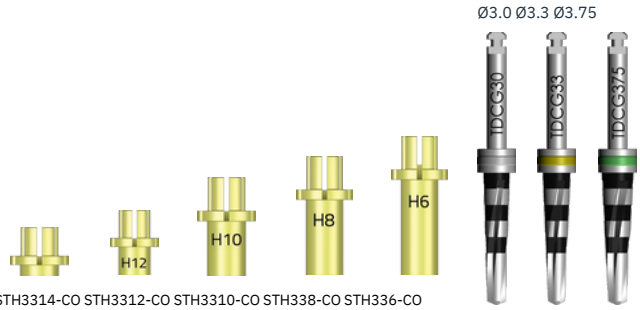
The stoppers

The stops for the Ø 2.0 cutter



STH214-CO STH212-CO STH210-CO STH28-CO STH26-CO

The stops for the Ø 3.0 - Ø 3.3 milling cutter



STH3314-CO STH3312-CO STH3310-CO STH338-CO STH336-CO

The stops for the Ø 3.75 - Ø 4.2 milling cutter



STH4214-CO STH4212-CO STH4210-CO STH428-CO STH426-CO

The stops for the Ø 5.0 - Ø 6.0 cutter



STH5214-CO STH5212-CO STH5210-CO STH528-CO STH526-CO

The stop cutters

They are made of Ti Gr5, and their use is expected on all Conical Grade cutters. On the body of the cutter stop is laser engraved the depth that the stop allows to reach (Fig.01). The cutter stop is attached to the cutter through a mechanical seal. Orienting the cut cylindrical part upward causes the cutter tip to engage downward, so the cutter and the stop are assembled (Fig.02).

The cutter stop box

The cutter stop box is designed to make it easy to apply and remove the stop from the cutter, without the need to touch the ac- cessors with your hands.

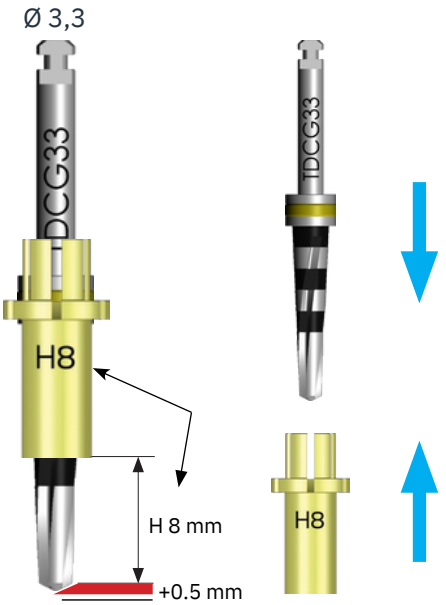


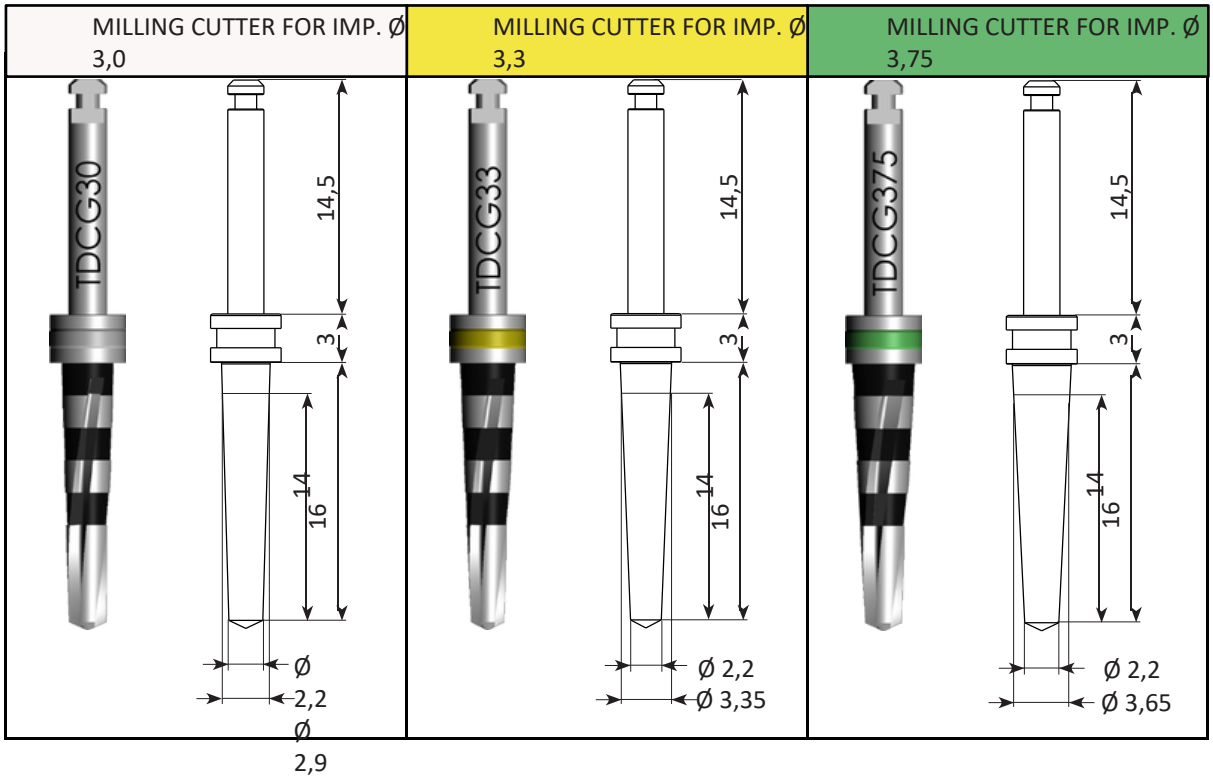
Fig.01 Fig.02



KIT-STCO

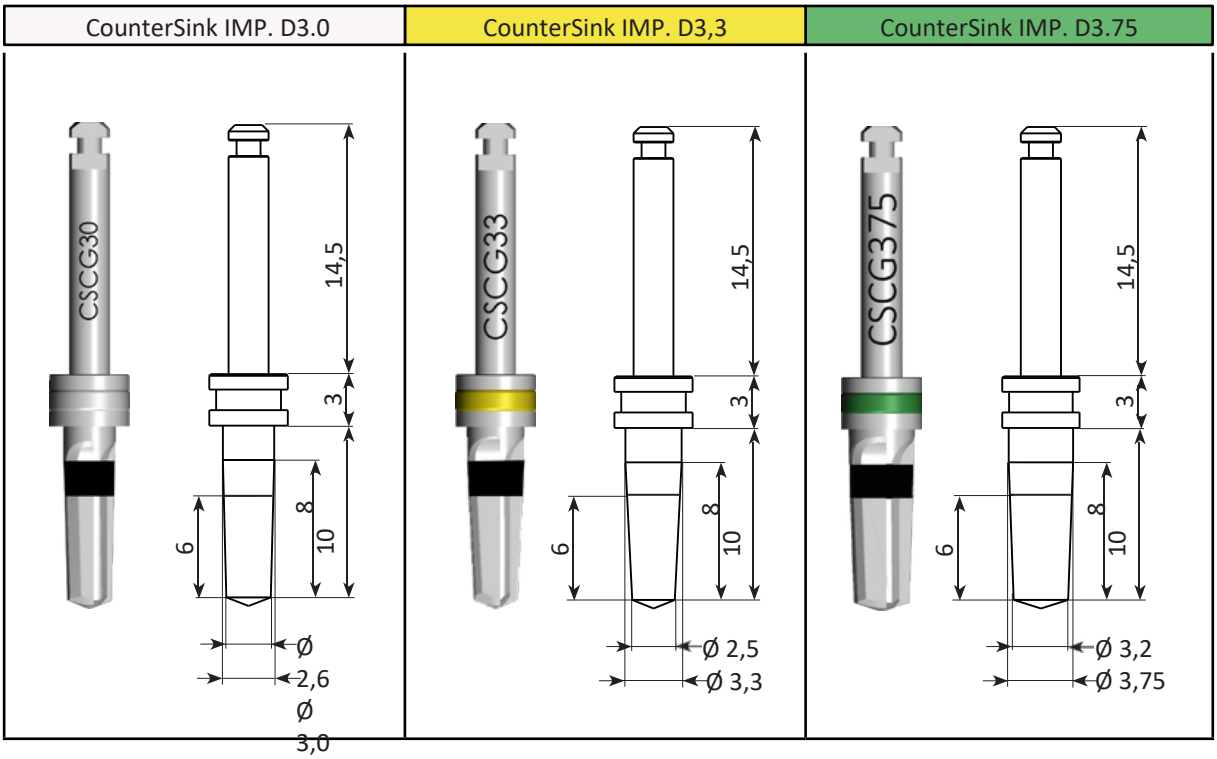
Conical Grade Drills

BONE DIV-DIII-DII



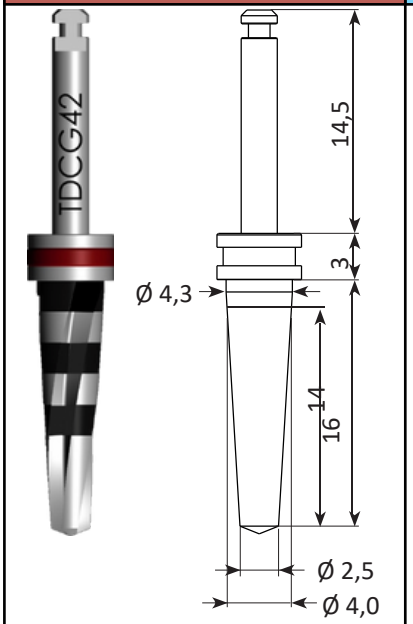
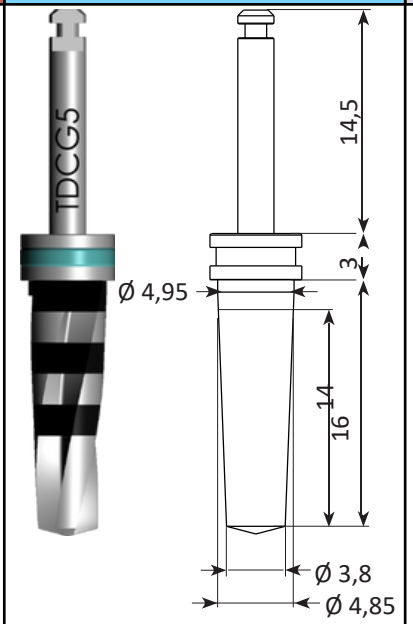
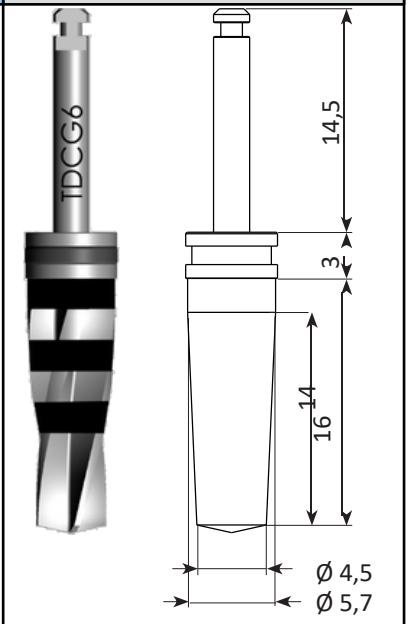
LeCounterSink

BONE OF



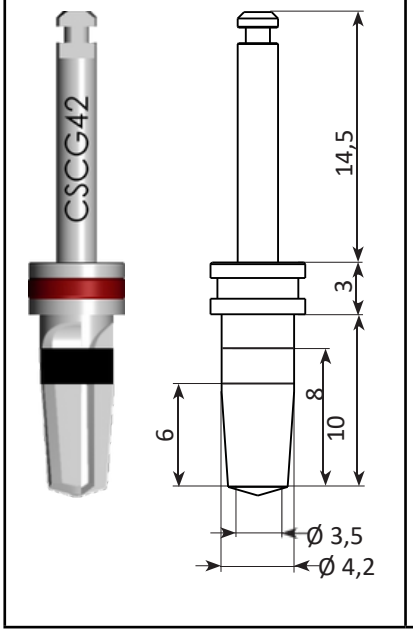
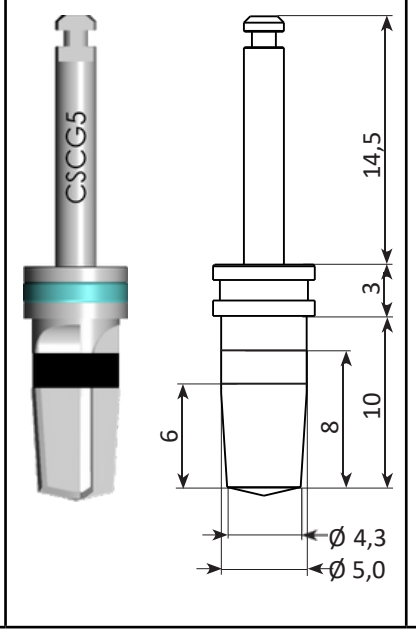
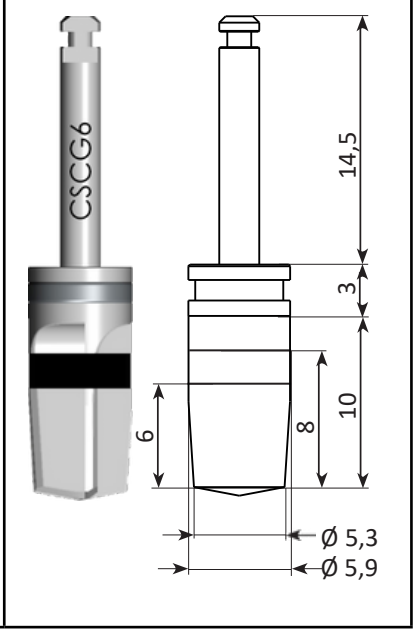
Drills

DIV-DIII-DII BONE

MILLING CUTTER FOR IMP. Ø 4,2	MILLING CUTTER FOR IMP. Ø 5,0	MILLING CUTTER FOR IMP. Ø 6,0
		

Counter Sink

BONE OF

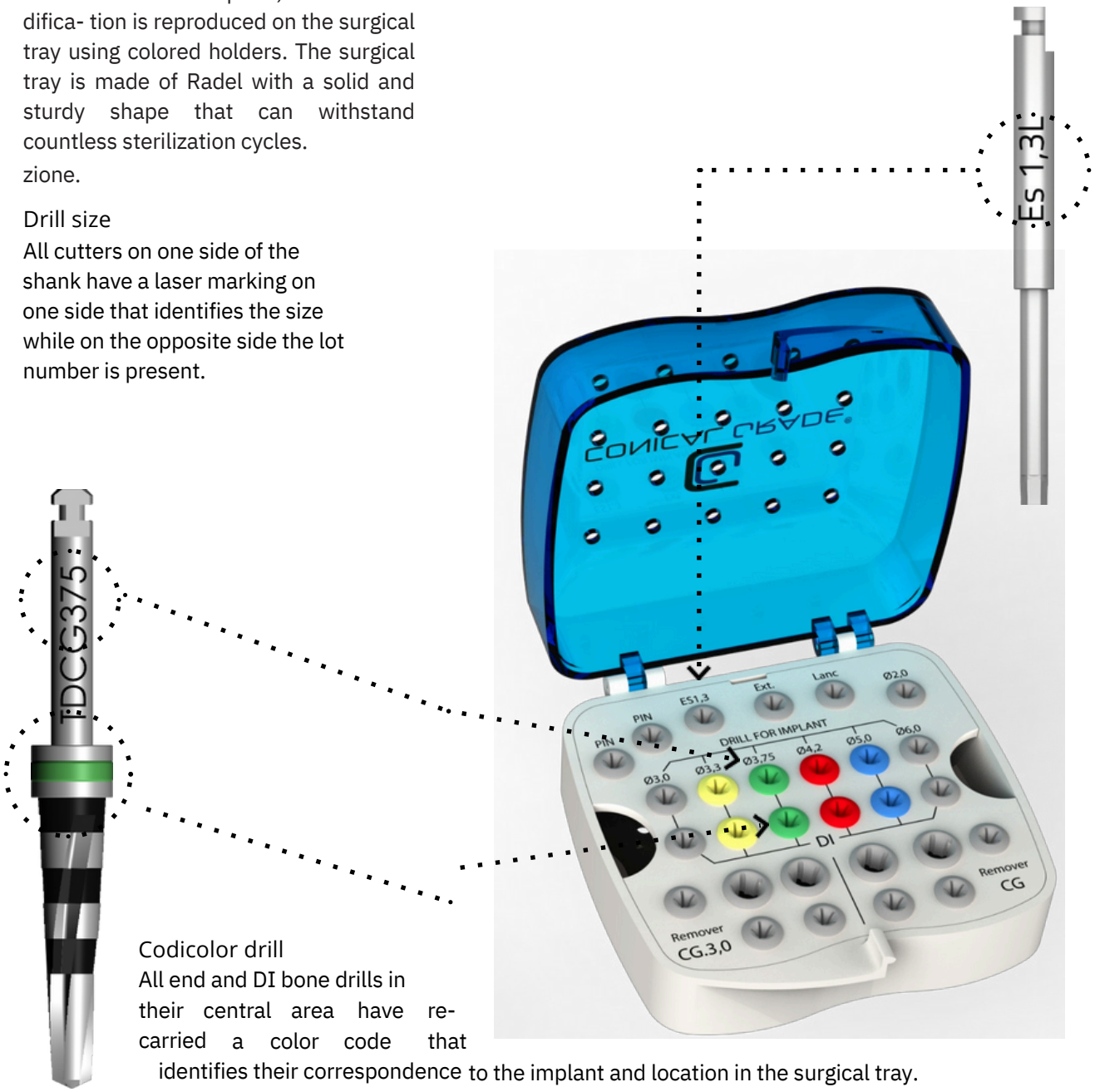
CounterSink IMP. Ø 4,2	CounterSink IMP. Ø 5,0	CounterSink IMP. Ø 6,0
		

The Surgical Tray

The Conical Grade® surgical tray is designed and manufactured to offer ease of use and immediacy in the succes- sion of the instrument sequence. The surgical tray is laser engraved with the same identifying names marked on the ac- cessors so that repositioning of the instruments is as easy as possible and according to the sequence shown on the tray. For surgical drills, in addition to the code, there is a coloring associated with the color code of the implant,the same co- difica- tion is reproduced on the surgical tray using colored holders. The surgical tray is made of Radel with a solid and sturdy shape that can withstand countless sterilization cycles.
zione.

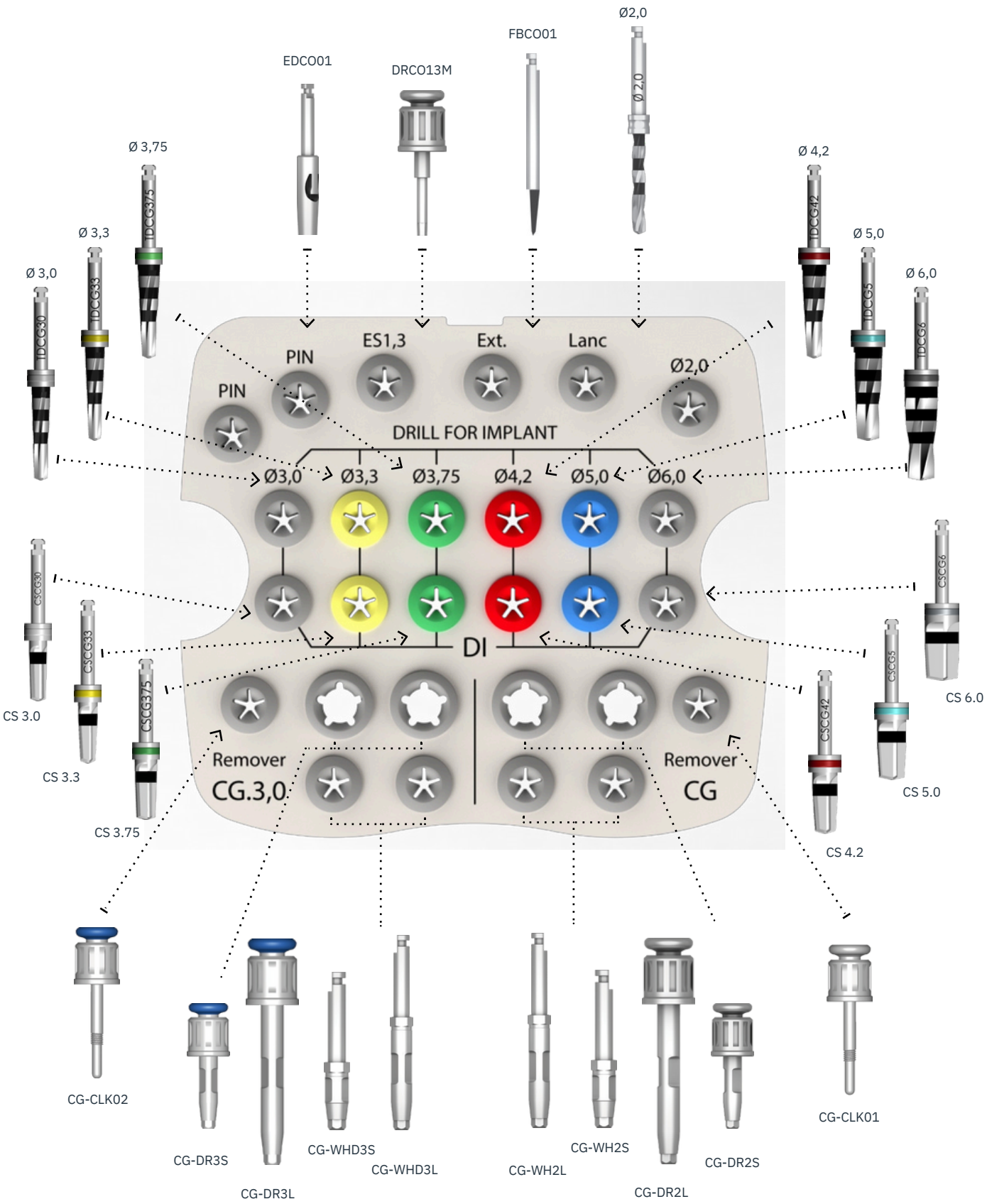
Drill size
All cutters on one side of the shank have a laser marking on one side that identifies the size while on the opposite side the lot number is present.

Accessory size
All implant and prosthetic screw contra-angle handpiece inserters, on one side of the stem, have a laser marking identifying the size while the opposite side has the lot number.

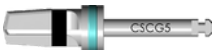


Codicolor drill
All end and DI bone drills in their central area have re- carried a color code that identifies their correspondence to the implant and location in the surgical tray.

The content


EDCO01
DRCO13M
FBCO01
Ø2,0
Ø 3,75
Ø 3,3
Ø 3,0
Ø 4,2
Ø 5,0
Ø 6,0
PIN
PIN
ES1,3
Ext.
Lanc
Ø2,0
DRILL FOR IMPLANT
Ø3,0
Ø3,3
Ø3,75
Ø4,2
Ø5,0
Ø6,0
DI
CS 3.0
CS 3.3
CS 3.75
CS 6.0
CS 5.0
CS 4.2
Remover
CG.3,0
Remover
CG
CG-CLK02
CG-DR3S
CG-DR3L
CG-WHD3S
CG-WHD3L
CG-WH2L
CG-WH2S
CG-DR2L
CG-DR2S
CG-CLK01

Surgical Kit Content

	Size	Code Art.	Tray KIT03
	Lanceolata	FBCO01	YES
	Extension Drill	EDCO01	YES
	Drill Ø 2.0 L16	TDCO216S	YES
	Drill Imp. Ø 3.0	TDCG30	YES
	Drill Imp. Ø 3.3	TDCO33	Optional
	Drill Imp. Ø 3.75	TDCG375	YES
	Drill Imp. Ø 4.2	TDCG42	YES
	Drill Imp. Ø 5.0	TDCG5	Optional
	Drill Imp. Ø 6.0	TDCG6	YES
	DI Imp. Ø 3.0	CSCG30	YES
	DI Imp. Ø 3.3	CSCG33	Optional
	DI Imp. Ø 3.75	CSCG375	YES
	DI Imp. Ø 4.2	CSCG42	Optional
	DI Imp. Ø 5.0	CSCG5	Optional
	DI Imp. Ø 6.0	CSCG6	Optional
	Ex 1.3 L 9	MNCO13S	Optional
	Ex 1.3 L 10	MNCO13M	Optional
	Ex 1.3 L 13	MNCO13L	Optional
	Ex 1.3 L 13	DRCO13S	Optional
	Ex 1.3 L 17	DRCO13M	YES
	Ex 1.3 L 23	DRCO13L	Optional

	Size	Code Art.	Tray KIT03
	L 8 per Imp CG	CG-WH2S	Optional
	L 11 for Imp CG	CG-WH2M	YES
	L 16 for Imp CG	CG-WH2L	Optional
	L 8 for Imp 3.0	CG-WHD3S	Optional
	L 11 for Imp 3.0	CG-WHD3M	YES
	L 16 for Imp 3.0	CG-WHD3L	Optional
	L 13 for Imp CG	CG-DR2S	Optional
	L 17 for Imp CG	CG-DR2M	YES
	L 23 for Imp CG	CG-DR2L	Optional
	L 13 for Imp 3.0	CG-DRD3S	Optional
	L 17 for Imp 3.0	CG-DRD3M	YES
	L 23 for Imp 3.0	CG-DRD3L	Optional
	Ø 2.0-Ø 2.7	PRCO01	Optional
	Ø 3.2-Ø 3.7	PRCO02	Optional
	-	ADWHK01	Optional
	15-35 Ncm	CRIC01	Optional
	25-55 Ncm	CRIC02	Optional
	Rigid	CRIC03	YES
	-	CG-CLK01	YES
	Azure	CG-CLK02	YES
			
			

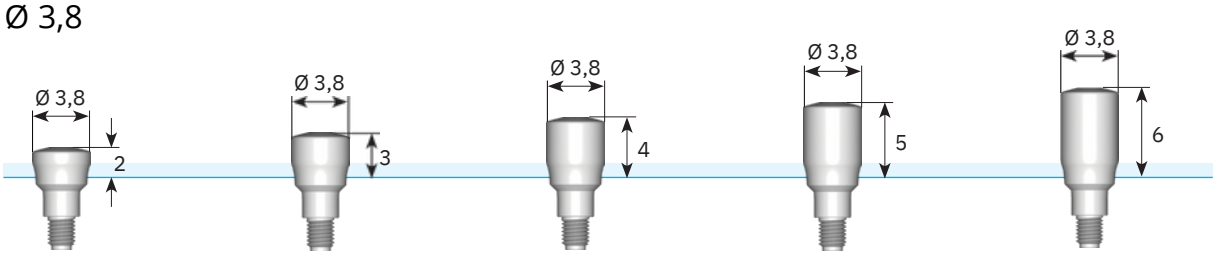
Healing abutments

Healing abutments



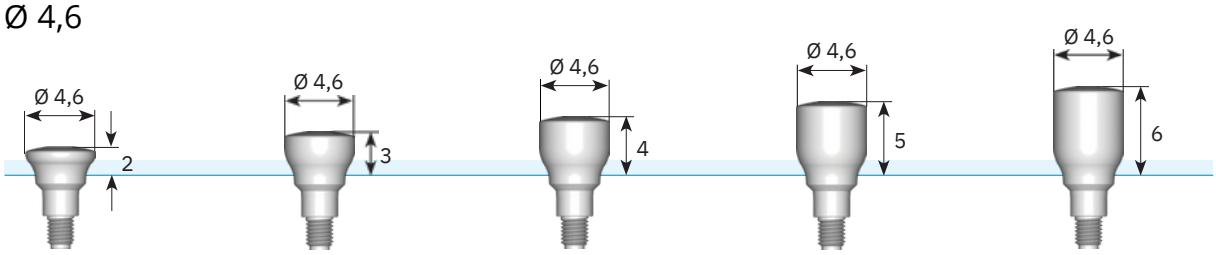
Conical Grade® healing abutments are made of medical-grade Titanium Gr5 purity and are used to condition the soft tissues, preparing them to receive the provisional or final prosthesis. Torque: Tightening to 15÷20 Ncm. Packaging: the package provides only one healing stump.

Ø 3,8



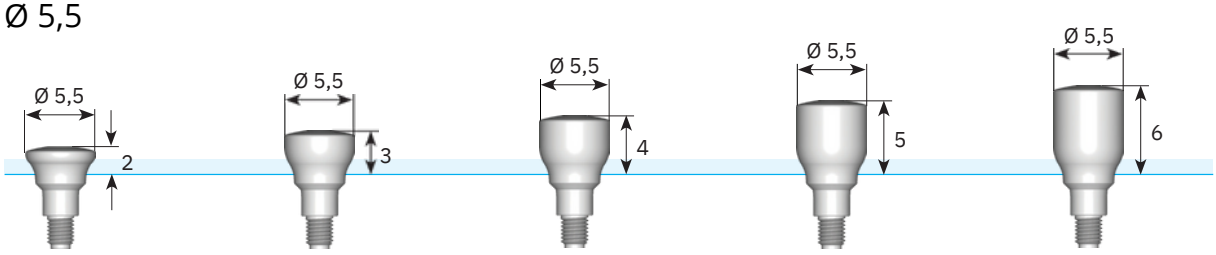
CG-VGS32 CG-VGS33 CG-VGS34 CG-VGS35 CG-VGS36

Ø 4,6



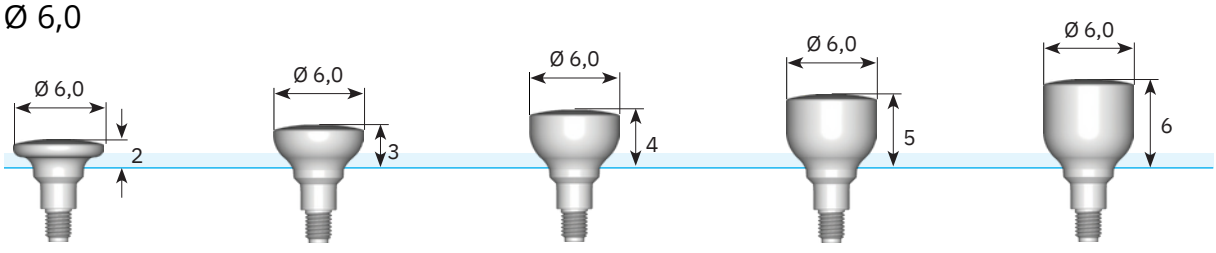
CG-VGS2 CG-VGS3 CG-VGS4 CG-VGS5 CG-VGS6

Ø 5,5



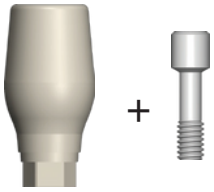
CG-VGS552 CG-VGS553 CG-VGS554 CG-VGS555 CG-VGS556

Ø 6,0



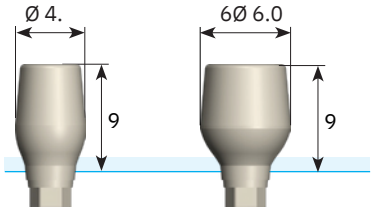
CG-VGS62 CG-VGS63 CG-VGS64 CG-VGS65 CG-VGS66

Peek healing abutments



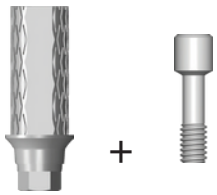
Conical Grade® healing abutments are made of medical Peek and are used to condition the soft tissues, preparing them to receive the

temporary or permanent prosthesis.
Torque: Tightening to 20÷25 Ncm.
Packaging: the package includes a single peek healing stump plus its prosthetic screw.



CG-PE46 CG-PE6

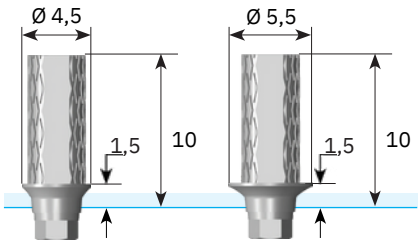
Temporary titanium abutments



Conical Grade® Interim Abutments are manufactured from Gr5 Titanium, ser- ving to condition the soft tissues by preparing them to accommodate the prosthesis

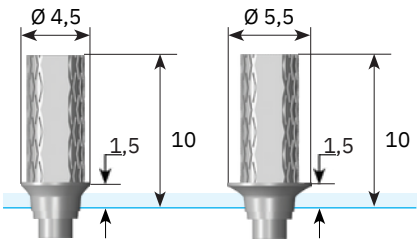
provisional or final.
Torque: Tightening to 20÷25 Ncm.
Packaging: the package provides one temporary abutment plus its prosthetic screw.

With hexagon



CG-PV154E CG-PV155E

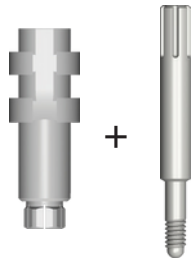
Without hexagon



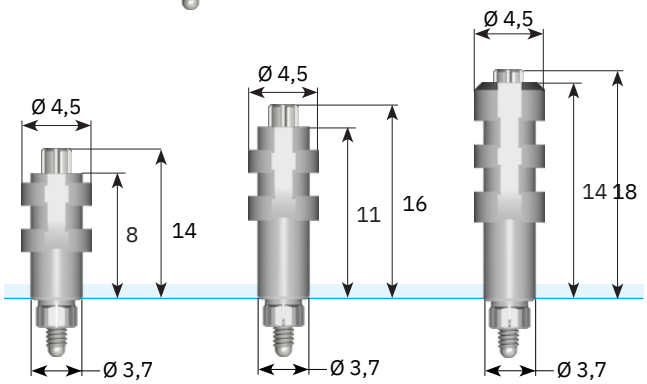
CG-PV154R CG-PV155R

TheFoot print

Imprint transfer

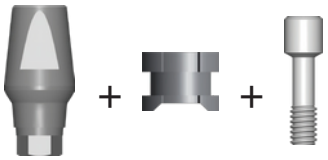


The Conical Grade® Impression Pick Up is made of Gr5 Titanium at medical pu- rection, it is used to take the impression with individual spoon. Torque: Tightening to 15 Ncm. Packaging: the package includes one Pick Up and its screw.



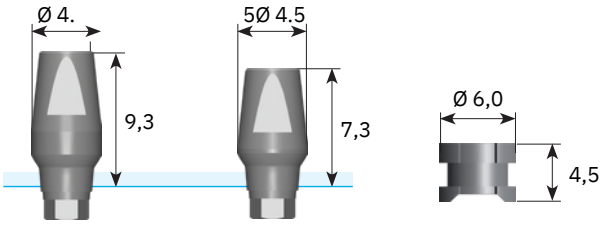
CG-TRA8 CG-TRA11 CG-TRA14

Pick up



The Conical Grade® Pick up is made of Gr5 Titanium with medical purity and is used to take an impression with a closed spoon.

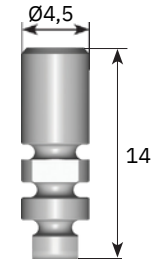
Torque: Tightening to 15 Ncm.
Packaging: the package includes one Transfer its screw and 3 position caps.



CG-TRAS01K CG-TRAS02K CG- CPST01K

The package includes:The CG-VS7818 clamping screw plus 3 CG- CPST01K caps.

Chalk analogue

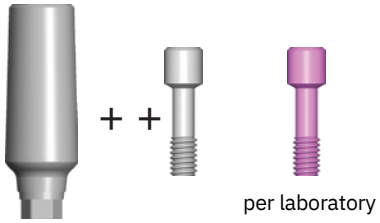


Plaster analog, inserted into the Pick Up or Impression Transfer is used to reproduce in plaster the exact projection of the implant.
Packaging: the package provides only one Chalk Analog.

CG-ANA16

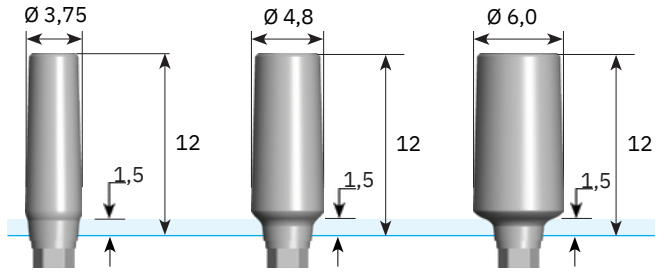
Prosthetic components

Titanium abutments

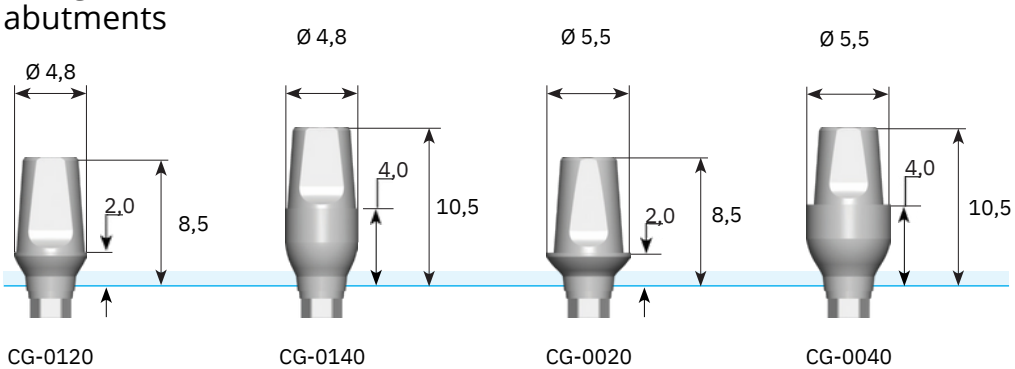


All Conical Grade® Straight and Angled Titanium Abutments are manufactured from Gr5 Titanium and are used for the fabrication of the final prosthesis. Torque: Tightening to 25÷25 Ncm. Packaging: the package includes a single titanium stump with a laboratory screw (fuchsia) and the final screw.

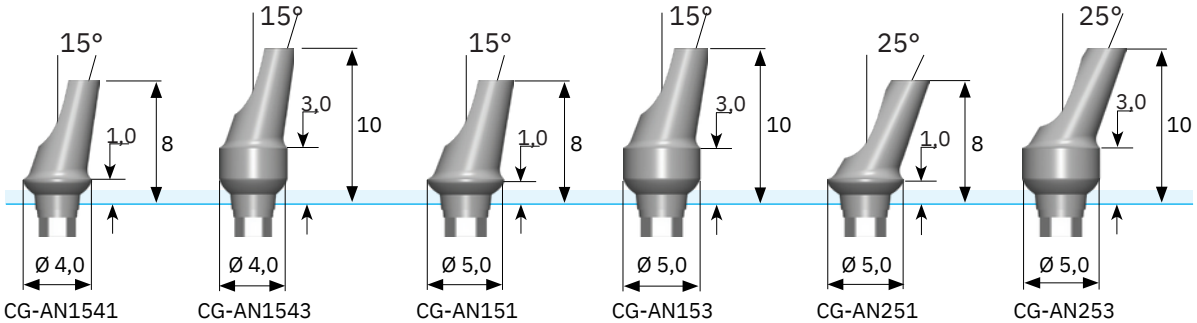
Straight stumps to finish



Straight abutments

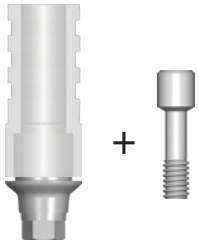


Angled abutments



Prosthetic components

Calcinable with CoCrMo base



The CoCrMo Conical Grade® base is molybdenum (CoCrMo). It is free of nickel and beryllium; its fine structure, a product of powder metallurgy processes, prevents deformation of parts after machining. A

additional advantage of molybdenum in the manufacture of dental prostheses is the stability of the alloy at high temperatures, which facilitates the combinatio-

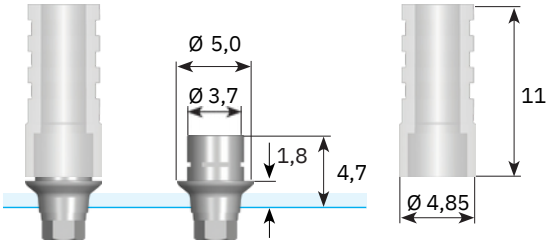
ne with ceramics.

Melting range °C : 1350-1450

Torque: Tightening to 25 Ncm.

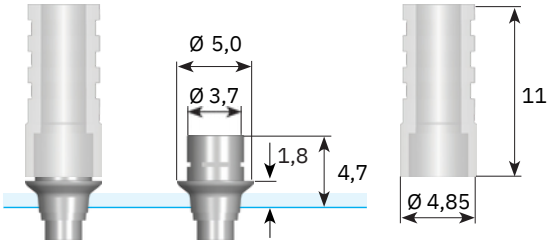
Packaging: the package includes a CrCoMo base, a calcinable, and a prosthetic screw.

With index



CG-CRN16E

Rotating



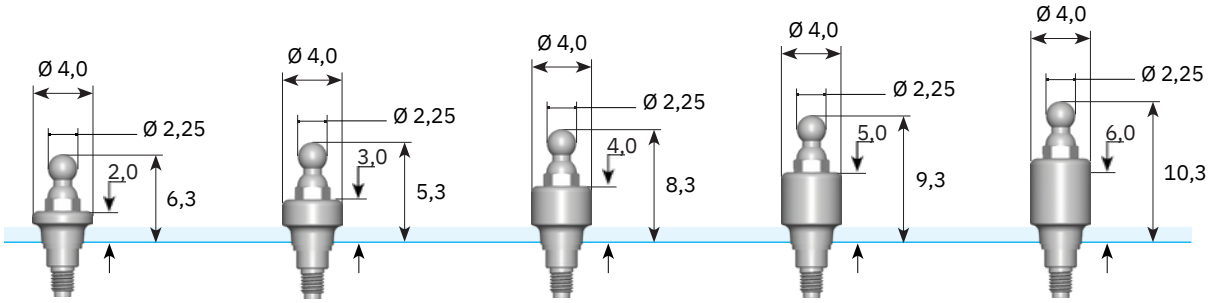
CG-CRN16R

Overdenture

Ball abutment

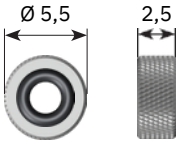


The Ball abutment Conical Grade® is made of Gr5 titanium. It is used to make removable dentures.
Torque: Tightening to 25 Ncm.
Packaging: the package includes a Ball Abutment.



Ball abutment spare parts

O'Ring



CG-GO01

Kit Package



1 pc. 3 pcs.

O'Ring Pack

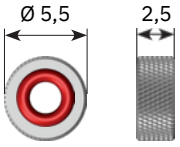
of 5 pcs.



ORCG01

standard seal

O'Ring



CG-GO02

Kit Package



1 pc. 3 pcs.

O'Ring Pack

of 5 pcs.

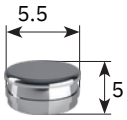


ORCG02

soft hold

Spare parts overdenture

Container Ø



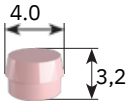
CG-CAO01

Standard sealing



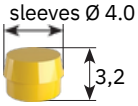
CA001

Soft seal liners Ø



CN001

Standard sealing



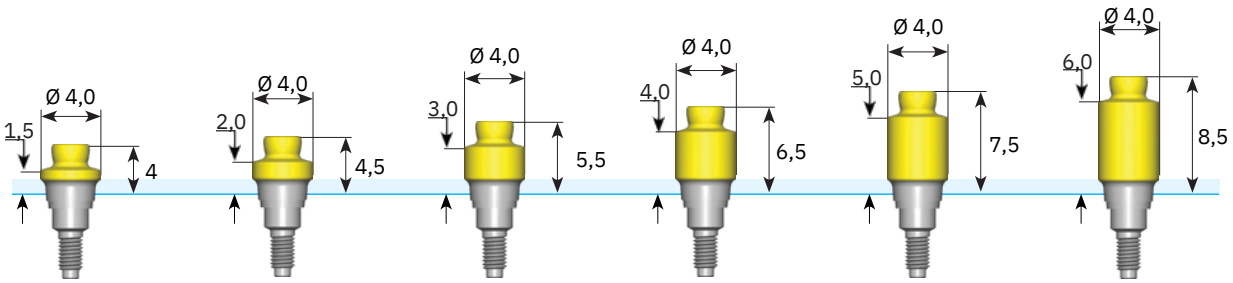
CN002

OTE quantor

Ot Equator kit



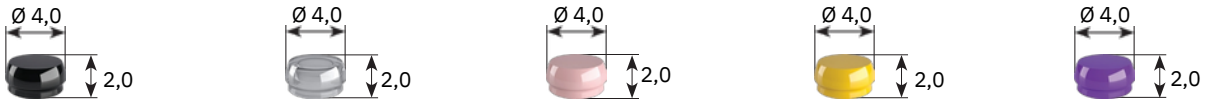
The Ot Equator component is constructed of Gr5 titanium and coated in Tin.
Torque: Tightening to 25 Ncm.
The package includes:
1 Tin-coated Titanium Attachment,1 stainless container for copings,1 protected disc,4 assorted copings (1 extra-soft, 1 soft, 1 standard, 1 strong).



CG-OT001 CG-OT002 CG-OT003 CG-OT004 CG-OT005 CG-OT006

Overdenture Parts

Sheaths



CG-CNL4
Laboratory

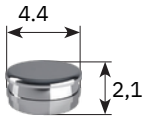
CG-CBST4
Standard seal (1.8 kg)

CG-CRS4
Soft seal (1.2 kg)

CG-CGE4
Extra soft seal (0.6 kg)

CG-CVF4
Strong Tightness (2.7 kg)

Container Ø



CG-C12

Protective sheathing



GACG001

Ot Equator laboratory

Chalk analogue



CGANSF01
Rhein 83 Ref 144AE. 2 pcs

Individual transfer



Rhein 83
Ref. 144MTE 2 pcs

Tear-off transfer



Rhein 83
Ref. 044CAIN 2 pcs.

For handpiece



Rhein 83
Ref. 760CE 1 pc

For ratchet



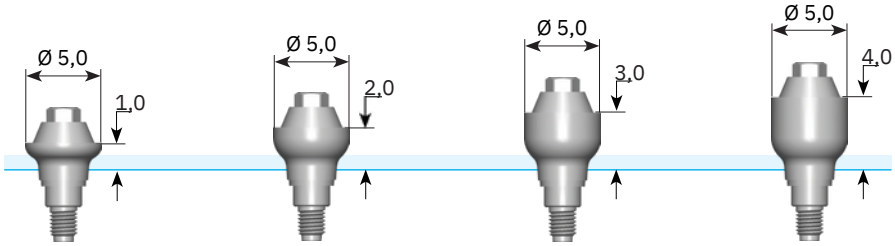
Rhein 83
Ref. 774CHE 1 pc

M.U.A

Straight Multi Unit Abutment



The straight multi-unit abutment is made of Gr5 titanium and is used for fabricating screw-retained prostheses on multiple elements and in the case of disparallel implants (all on four technique). Torque: Tightening to 25 Ncm. Packaging: the package provides a single component.



CG-MU01 CG-MU02 CG-MU03 CG-MU04



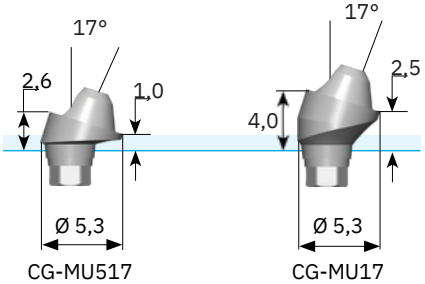
DRCOMU

The Angled Multi Unit Abutments



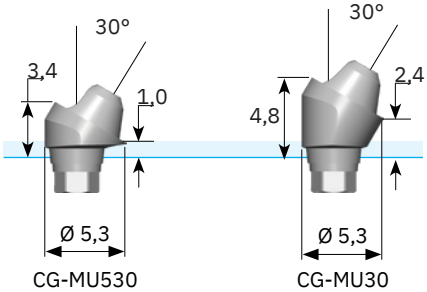
The angled Multi Unit abutment is constructed from Gr5 titanium and is used for fabricating screw-retained multi-unit prostheses for 17° and 30° angled implants Torque: Tightening to 25 Ncm. Packaging: the package includes the angled connector and its prosthetic screw.

Angled 17°



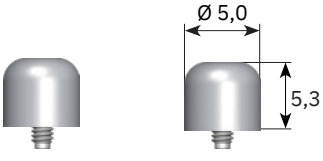
CG-MU517 CG-MU17

Angled 30°



CG-MU530 CG-MU30

Straight and angled Multi Unit abutment cover

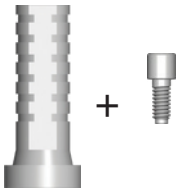


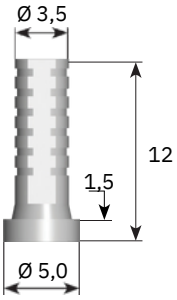
CG-VGSMU

T he healing screw for straight and angled Multi Unit abutments is constructed of Gr5 titanium and serves to protect the con- nection cones of straight connectors and angled connectors. Torque: Tightening to 20 Ncm.

M.U.A

Titanium abutment

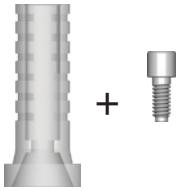


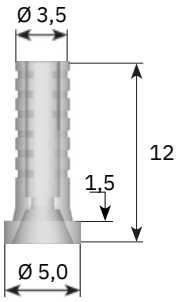


CG-MUMT

The Titanium Abutment for Straight and Angled Multi Unit Conical Grade® abutments is manufactured from Gr5 Titanium, it is used- toper the fabrication of temporary and/or final prosthesis. Torque: Tightening to 20 Ncm.
Packaging: the package provides a single Titanium Abutment with a prosthetic screw.

Calcinable abutment

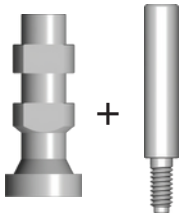


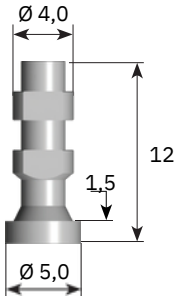


CG-MUCC

The Coni- cal Grade® straight and angled Multi Unit abutment castable is made of PMMA and is used to cast metal.
Melting range °C : 160-175
Torque: Tightening to 25 Ncm.
Packaging: the package includes one calcinable, one prosthetic screw.

Imprint transfer





CG-TRAMU

The Multi Unit straight and angled Conical Grade® abutment impression transfer is made of Titanium Gr5 and is used for individual tray impression taking. Torque: Tightening to 15-20 Ncm. Packaging: the package includes one calcinable, one screw.

Chalk analogue

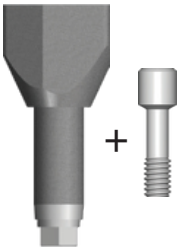


CG-ANAMUC

The plaster analog is the same as that used for the CAD/CAM technique; it is made of Gr5 titanium.
Torque: Tightening to 15-20 Ncm.
Packaging: the package provides only one analogue.

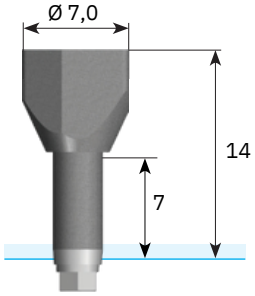
Technical CAD CAM

Scan Marker by Implant

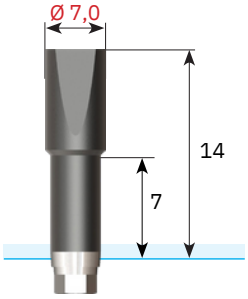


The Marker is produced in a single part of Gr5 Titanium.
Torque: Tightening to 15-20 Ncm.
Packaging: the package includes a Marker and a screw for its tightening CG-VS7818.

Scan Marker by Implant



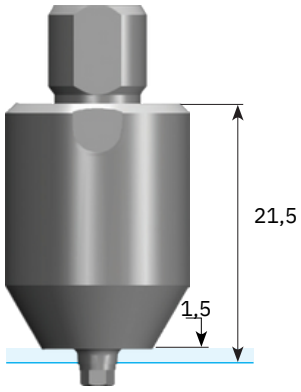
CG-SB01



CG-SB01SMALL

The Marker is produced in a single part of Gr5 Titanium.
Torque: Tightening to 15-20 Ncm.
Packaging: the package includes a Marker and a screw for its tightening CG-VS7818.

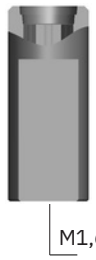
CAD CAM Premilled from cementing



CG-MCU01

Premilled, are manufactured from titanium, a uni- co diameter and height. The Premilled 10 mm diameter is ideal for castomized machining on milling machines.
Torque: Tightening to 25-30 Ncm.
Packaging: the package includes a Pre-milled and a screw for its tightening.

Digital analogue for CAD CAM technique

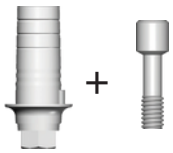


CG-ANCD01

The digital analogue for the CAD CAM technique is made of Gr5 titanium. Its partico- lare shape allows its easy placement in printed models and with remarkable simplicity its anchorage to the model through the use of a screw (M1,6) that is screwed between the bottom of the model and the bottom of the analog. Torque: Tightening to 15-20 Ncm. Packaging: the package includes an analo-

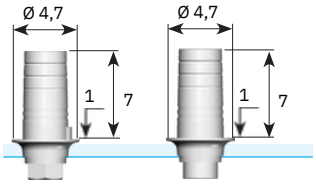
Technical CAD CAM

Ti Bonding Base for CAD/CAM Technique



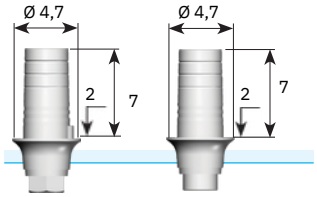
Base bonding Tis are constructed from Gr5 titanium. Base Ti are offered in three different heights to compensate for even deep mucosal paths. Torque: Tightening to 25-30 Ncm. Packaging: the package includes a Digital Ti base and a CG-VS7818 prosthetic screw.

With Index Without Index



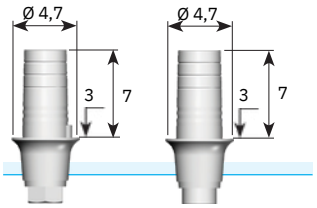
CG-BTSE042 CG-BTSR042

With Index Without Index



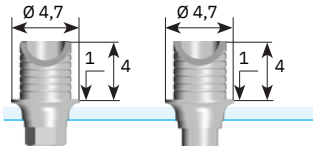
CG-BTSE242 CG-BTSR242

With Index Without Index



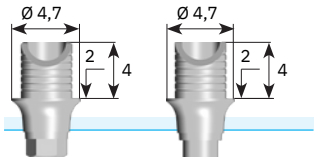
CG-BTSE342 CG-BTSR342

With Index Without Index



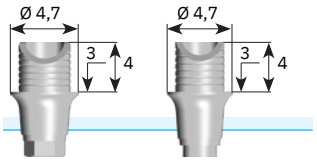
CG-TBSA1 CG-TBSA1R

With Index Without Index



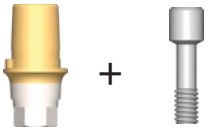
CG-TBSA2 CG-TBSA2R

With Index Without Index

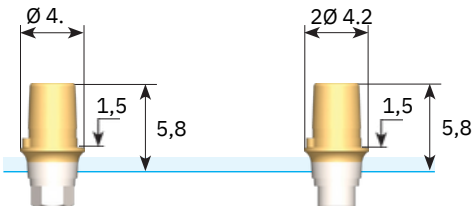


CG-TBSA3 CG-TBSA3R

Ti Base Series S-C



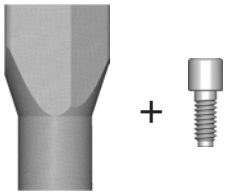
Standard (S) Large (L)

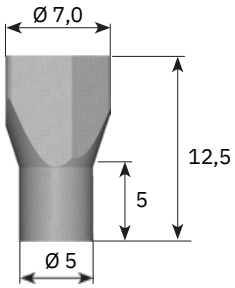


CG-TD01K DCG-TD01K

Technical CAD CAM MUA

MUA Scan Marker

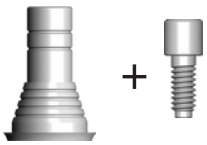


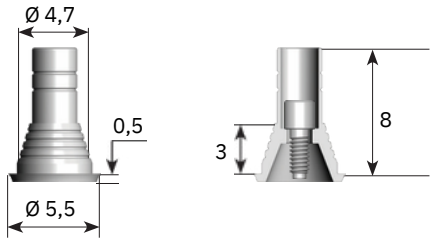


CG-SB02

The MUA Abutment Marker is fabricated in two parts:a Gr5 Titanium core that is assembled to a scannable Peek part. The Marker is constructed from a single size. Torque: Tightening to 15-20 Ncm. Packaging: the package includes a Marker and a screw for its tightening CG-VS3414.

Digital Ti base MUA





TBMUCG01

The basic Ti for MUA is constructed of Gr5 titanium.
Torque: Tightening to 25-30 Ncm.
Packaging: the package includes a Digital Ti base and a CG-VS3414 prosthetic screw.

Digital analogue for CAD CAM technique



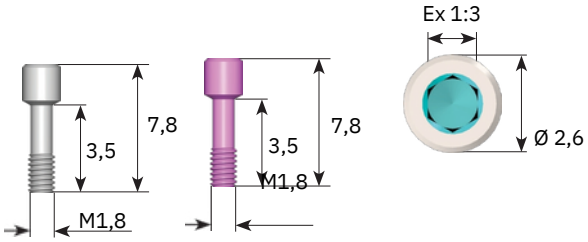
CG-ANAMUCD

The Mua digital analogue for the CAD CAM technique is made of Gr5 titanium. Its special shape allows its easy placement in printed models and with remarkable simplicity its anchoring to the model by using a screw (M1,6) that is screwed between the bottom of the model and the bottom of the analog. Torque: Tightening to 15-20 Ncm. Packaging: the package includes an analog with the screw.

Screws

Standard denture screws

Per abutment

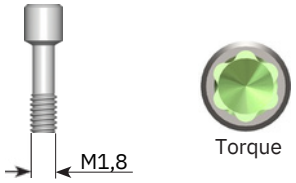


CG-VS7818 CG-VS7818L Head and Hexagon Dimensions

Prosthetic screws are made of Gr5 titanium and are of two types. The Conical Grade systematics® provides a fuchsia-colored screw for laboratory use and a gray machined screw for patient use only. Torque: Tightening to 25-30 Ncm. Packaging: packages include 5 pcs.

Angled denture screws

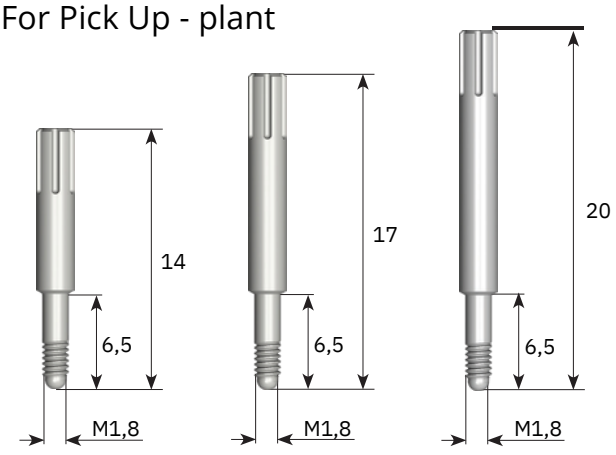
Per abutment



CG-VS7818TX

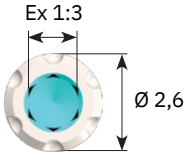
The prosthetic screw for the angled technique is cotrued from Gr5 titanium.
Torque: Tightening to 20-25 Ncm.
Packaging: packages include 5 pcs.

For Pick Up - plant



CG-VSTRA08 (CG-TRA8) CG-VSTRA11 (CG-TRA11) CG-VSTRA14 (CG-TRA14)

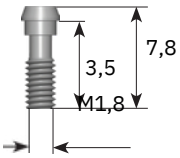
Pick Up screws are made of Gr5 Titanium and come in three different lengths.The length of the screw is associated with the length of the Pick Up. Torque: Tightening to 20-25 Ncm. Packaging: packages include 5 pcs.



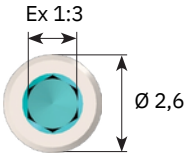
Head size and Hexagon

Screws

For Angled Connector 17°- 30°



CG-VSM6918

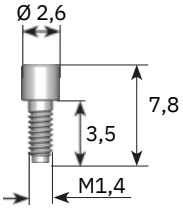


Head and Hexagon Dimensions

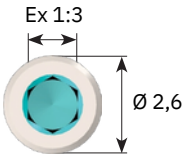
All screws for straight or ango- side connector technique are made of Gr5 Titanium.

Torque for CG-VSM6918 : Tightening to 25-30 Ncm. Torque for CG-VSC3414 : Tightening at 17-20 Ncm. Torque for CG-VSTNM : Tightening at 17-20 Ncm. Packaging: packages include 5 pcs.

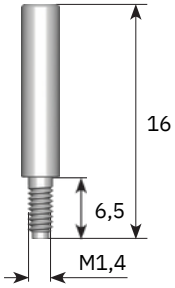
For prosthesis connector 17°- 30° and rightsPer Pick Up



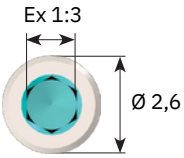
CG-VSC3414



Head and Hexagon Dimensions



CG-VSTNM



Head and Hexagon Dimensions

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