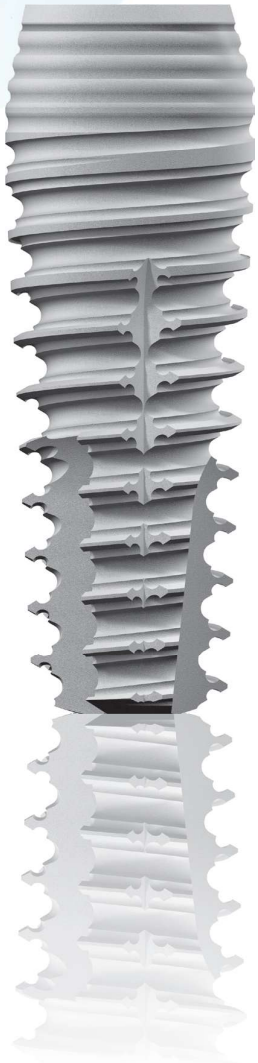
CONICALGRADE®

TheBioMechanicalImplant

CATALOG

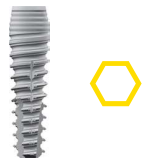
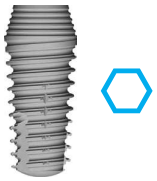
Implantline

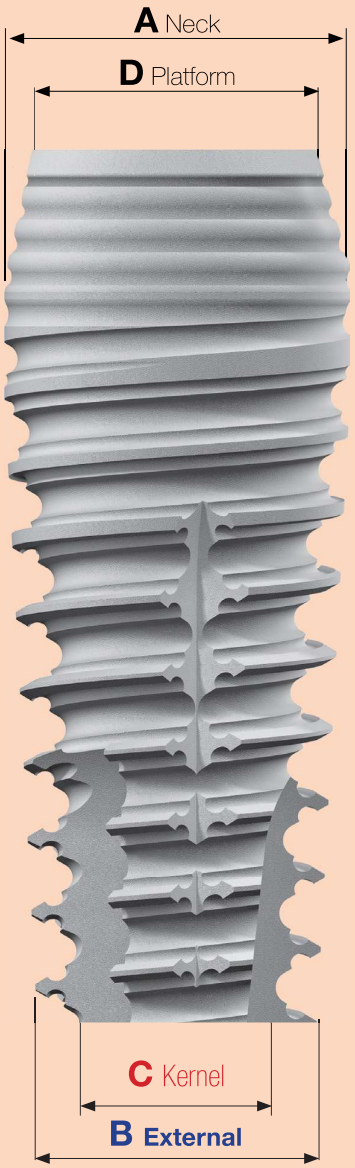


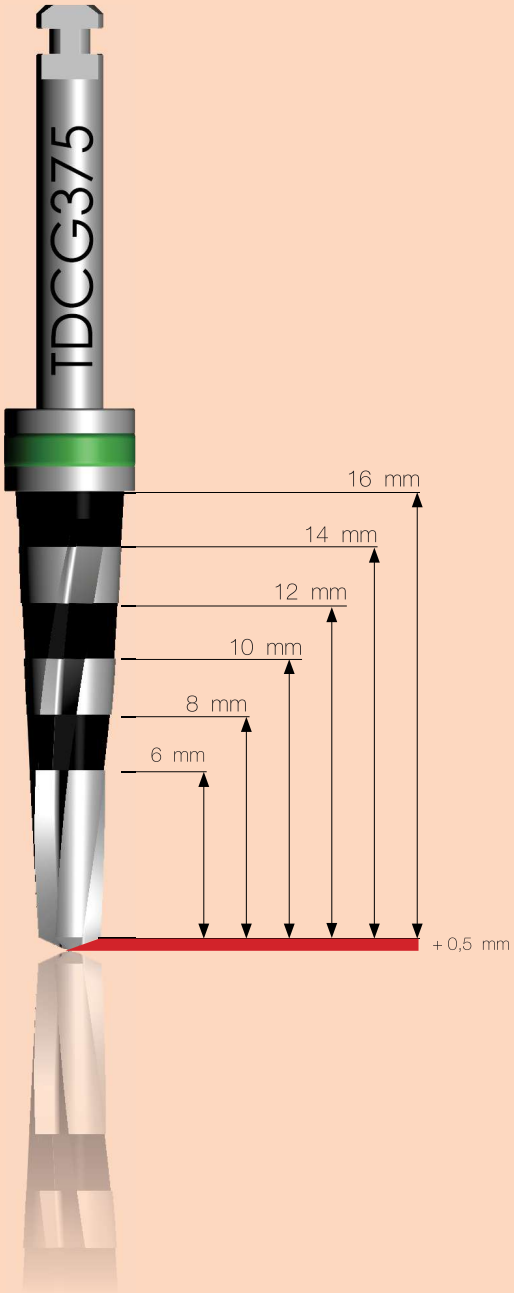
omaghi

Contents

The **range**

	Length	Codie Art,	Measures			
			A	B	C	D
 Implant D 3,3	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
 Implant 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
 Implant 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
 Implant 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
 Implant 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. Can be used manually with the Es 1.3 mm driver the locking Torque is 15/20 Ncm.

The**surgical**sequence

IMPLANT Ø 3,3

Step 1: Lanceolate bur — **N° rpm:** 1200
Step 2: Ø 2,0 - Ø 3,0 drill implant depth — **N° rpm:** 900
Step 3: Ø 3,3 Drill implant depth — **N° rpm:** 900
Step 4: For **DI** Drill CS 3,3 h 6 mm — **N° rpm:** 900

IMPLANT Ø 3,75

Step 1: Lanceolate bur — **N° rpm:** 1200
Step 2: Ø 2,0 - Ø 3,0 drill implant depth — **N° rpm:** 900
Step 3: Ø 3,75 Drill implant depth — **N° rpm:** 900
Step 4: For **DI** Drill CS 3,75 h 6 mm — **N° rpm:** 900

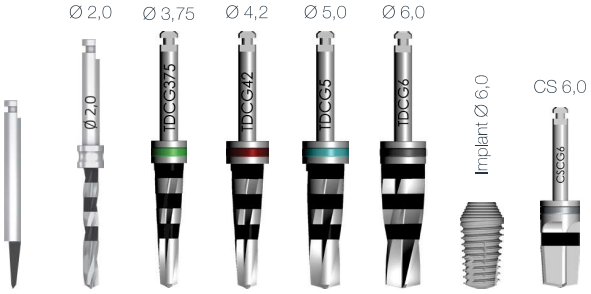
IMPLANT Ø 4,2

Step 1: Lanceolate bur — **N° rpm:** 1200
Step 2: Ø 2,0 - Ø 3,0 drill implant depth — **N° rpm:** 900
Step 3: Ø 3,75 - Ø 4,2 Drill implant depth — **N° rpm:** 900
Step 4: For **DI** Drill CS 4,2 h 6 mm — **N° rpm:** 900

IMPLANT Ø 5,0

Step 1: Lanceolate bur — **N° rpm:** 1200
Step 2: Ø 2,0 - Ø 3,0 drill implant depth — **N° rpm:** 900
Step 3: Ø 3,75 - Ø 4,2 - Ø 5,0 Drill implant depth — **N° rpm:** 900
Step 4: For **DI** Drill CS 5,0 h 6 mm — **N° rpm:** 900

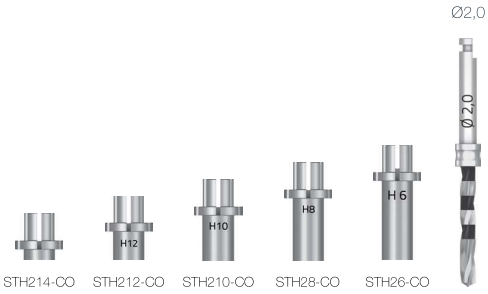
IMPLANT Ø 6,0



Step 1: Lanceolate bur — **N° rpm:** 1200
Step 2: Ø 2,0 - Ø 3,0 drill implant depth — **N° rpm:** 900
Step 3: Ø 4,2 - Ø 5,0- Ø 6,0 Drill implant depth — **N° rpm:** 900
Step 4: For **DI** Drill CS 6,0 h 6 mm — **N° rpm:** 900

The**cutter**stops

The stops for the cutter Ø 2,0



The stops for the cutter Ø 3,0 - Ø 3,3

The stops for the cutter Ø 3,75 - Ø 4,2

The stops for the cutter Ø 5,0 - Ø 6,0

The cutter stops

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 be reached (Fig.01).
The cutter stop is attached to the cutter through a mechanical seal. Orienting the cut cylindrical part upward causes the tip of the cutter 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 accessories with your hands.

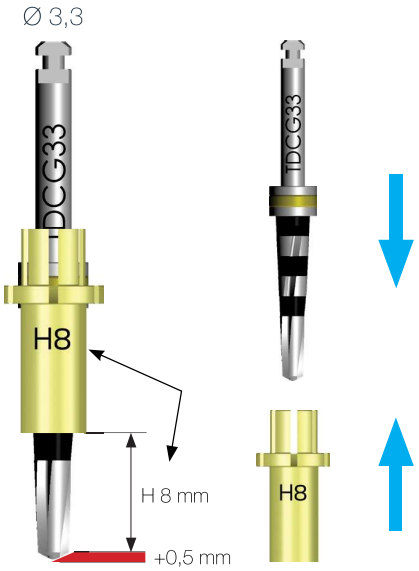


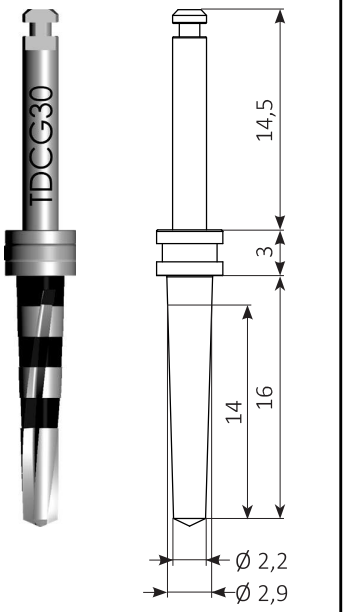
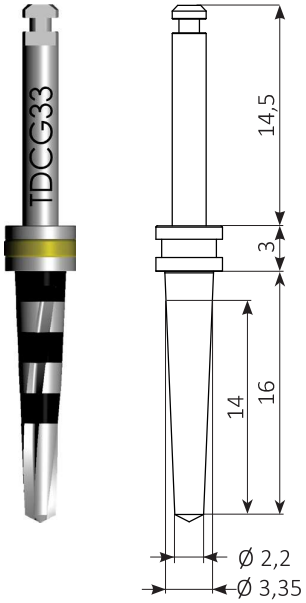
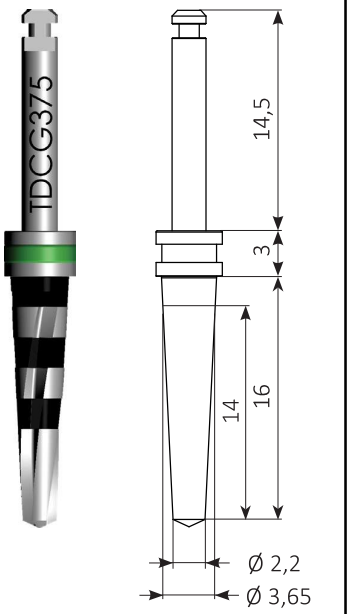
Fig.01 Fig.02

KIT-STCO

Conical Grade® millingcutters

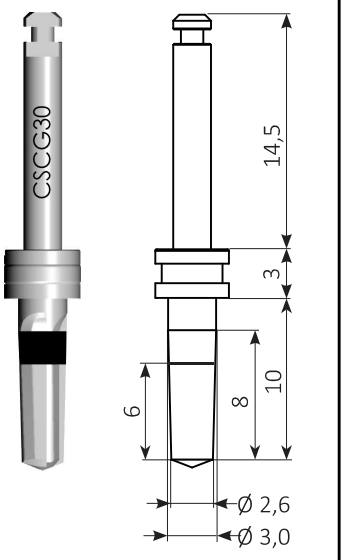
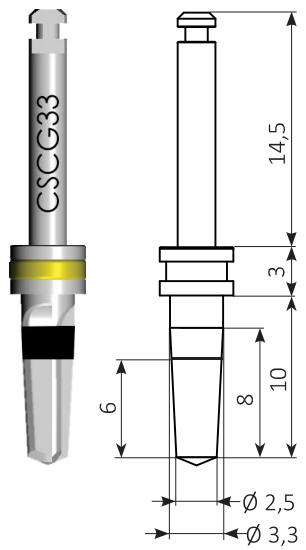
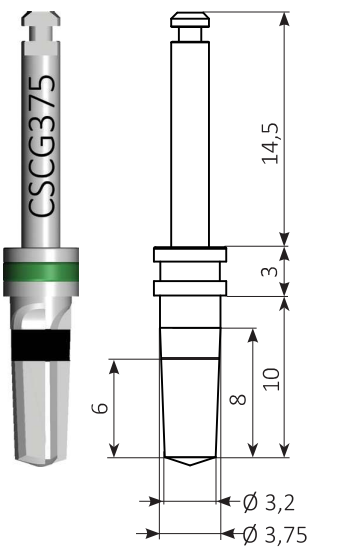
The **Drill**

BONE **DIV-DIII-DII**

Twist drill for Implant Ø 3,0	Twist drill for Implant Ø 3,3	Twist drill for Implant Ø 3,75
		

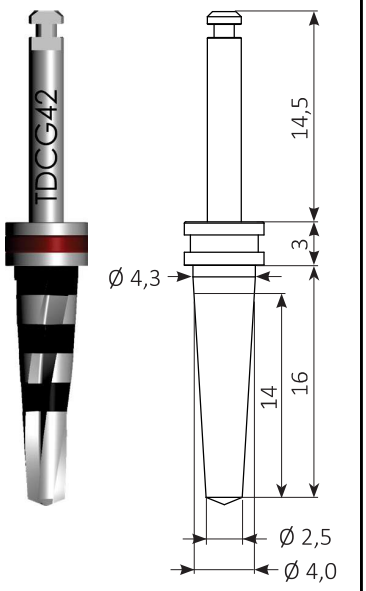
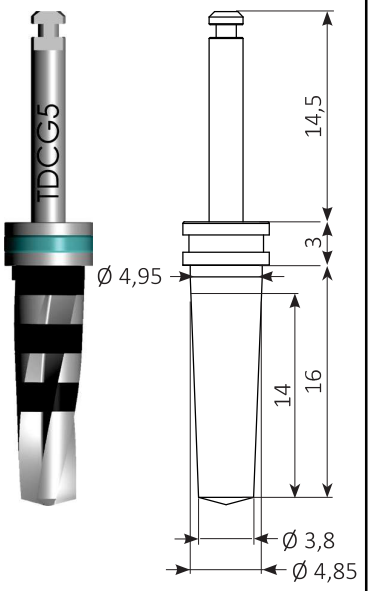
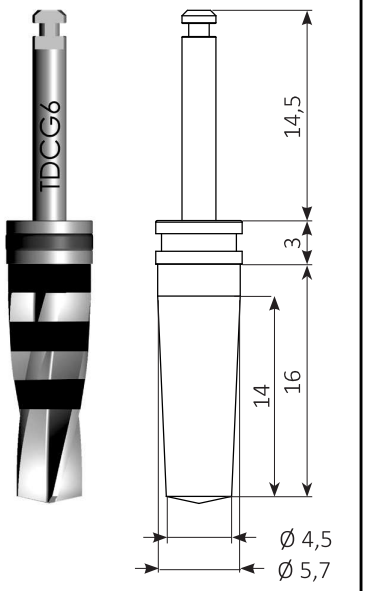
LeCounterSink

BONE **DI**

CounterSink for Implant D3,0	CounterSink for Implant. D3,3	CounterSink for Implant. D3,75
		

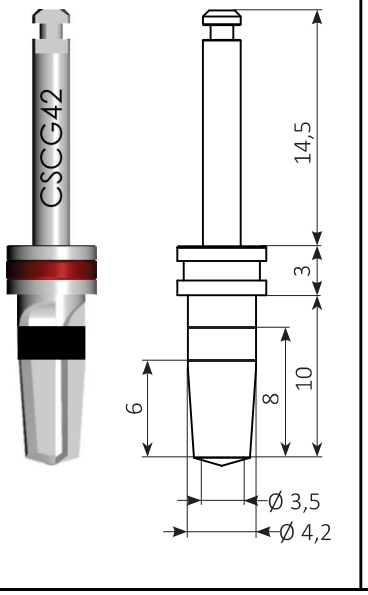
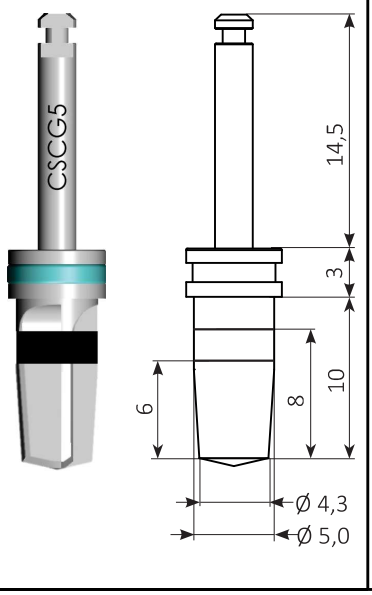
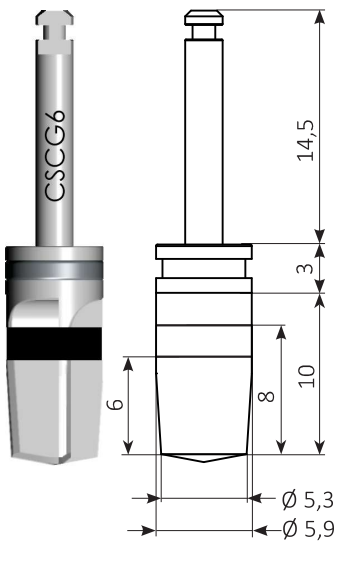
LeDrill

BONE **DIV-DIII-DII**

Twist drill for Implant Ø 4,2	Twist drill for Implant Ø 5,0	Twist drill for Implant Ø 6,0
		

LeCounterSink

BONE **DI**

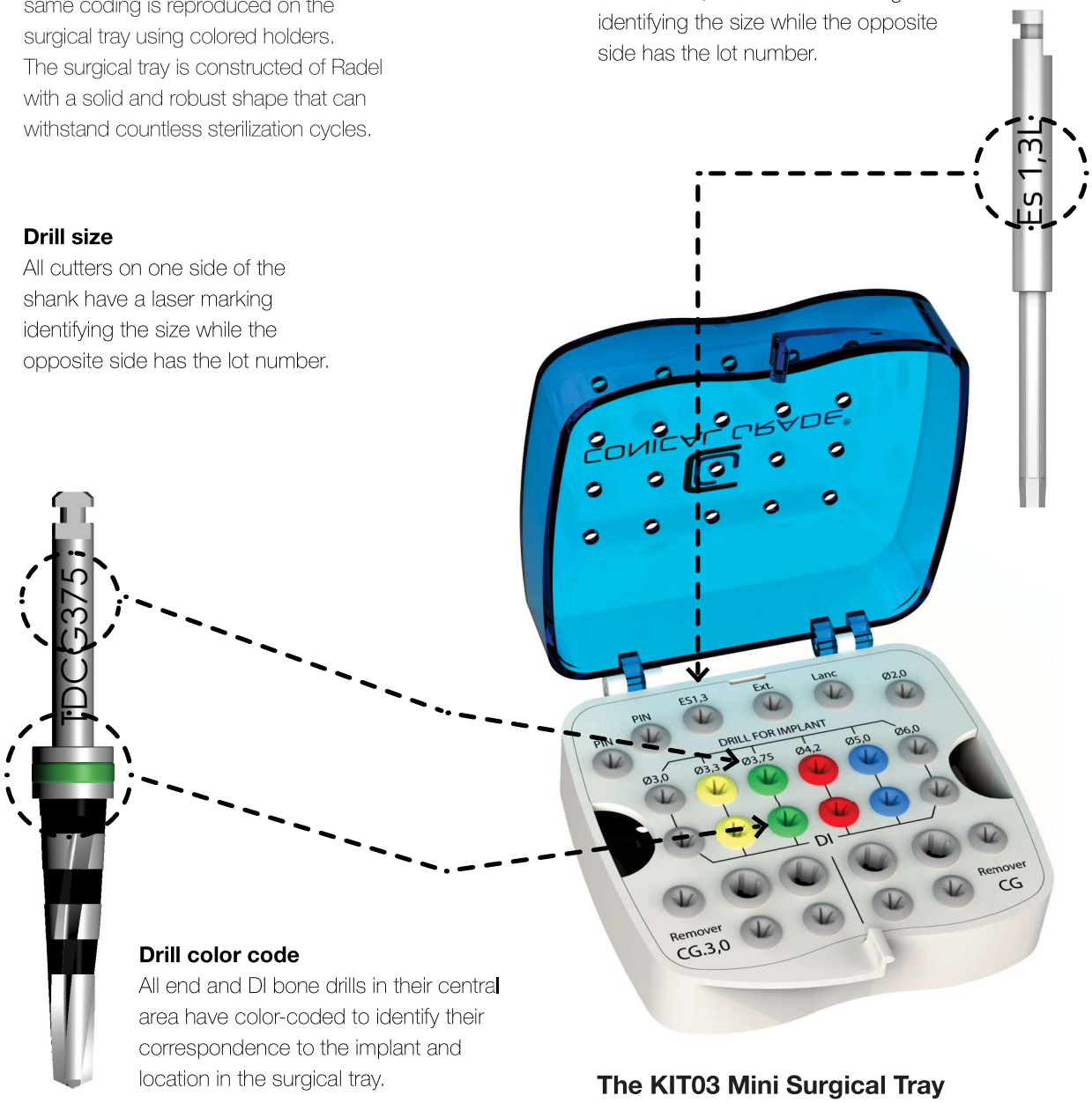
CounterSink for Implant Ø 4,2	CounterSink for Implant Ø 5,0	CounterSink for Implant Ø 6,0
		

The**surgical**tray

The **Conical Grade®** surgical tray is designed and manufactured to provide ease of use and immediacy in the sequence of instrument sequencing. The surgical tray is laser engraved with the same identifying names marked on the accessories 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 coding is reproduced on the surgical tray using colored holders. The surgical tray is constructed of Radel with a solid and robust shape that can withstand countless sterilization cycles.

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

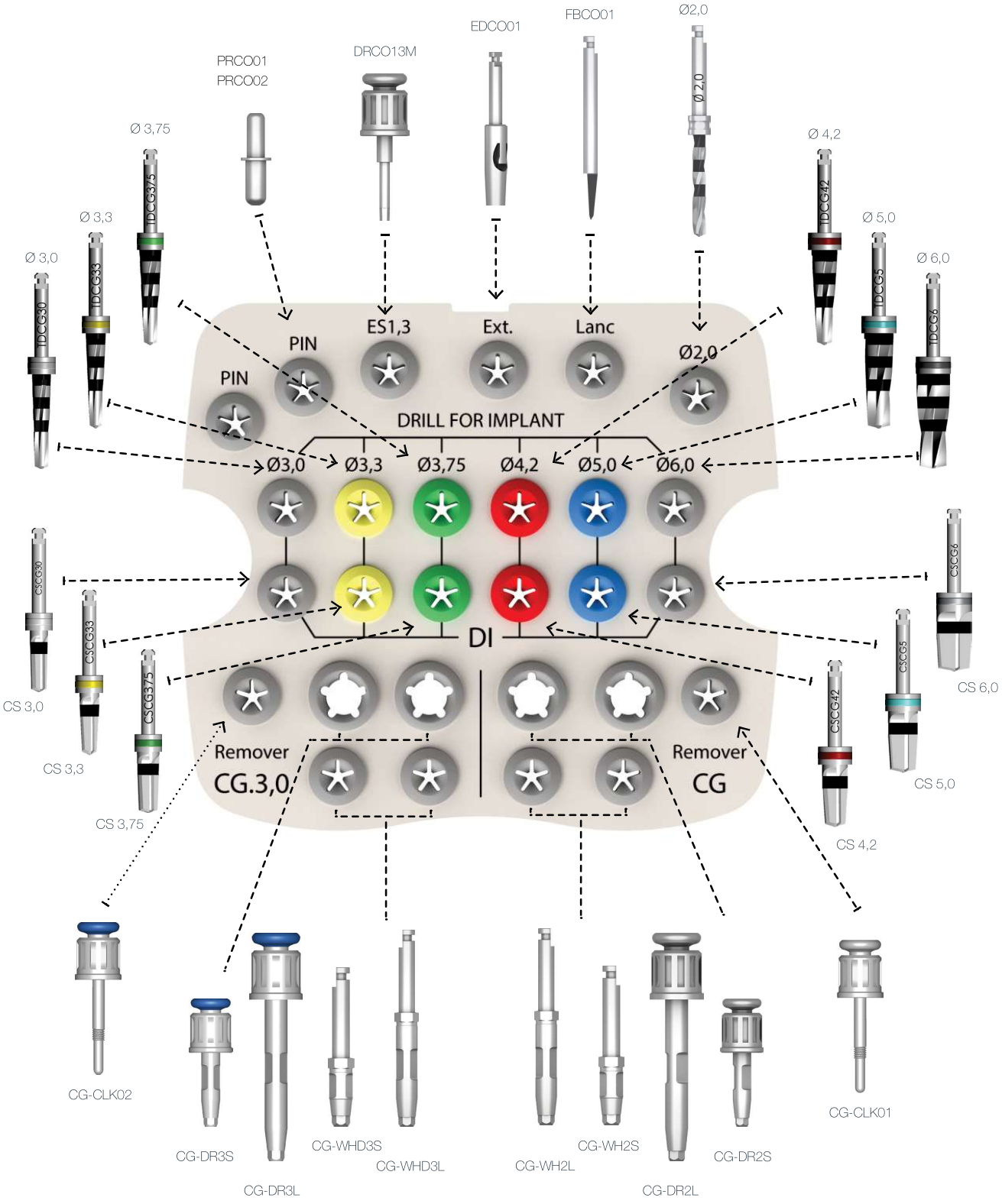
Drill size
All cutters on one side of the shank have a laser marking identifying the size while the opposite side has the lot number.



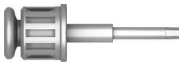
Drill color code
All end and DI bone drills in their central area have color-coded to identify their correspondence to the implant and location in the surgical tray.

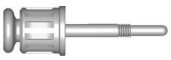
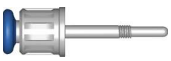
The KIT03 Mini Surgical Tray

Thecontent


PRCO01
PRCO02
DRCO13M
EDCO01
FBCO01
Ø2,0
Ø 3,75
Ø 3,3
Ø 3,0
Ø 4,2
Ø 5,0
Ø 6,0
IDCG30
IDCG33
IDCG375
IDCG42
IDCG5
IDCG6
ES1,3
Ext.
Lanc
PIN
PIN
Ø2,0
DRILL FOR IMPLANT
Ø3,0
Ø3,3
Ø3,75
Ø4,2
Ø5,0
Ø6,0
DI
CSCG30
CSCG33
CSCG375
CSCG42
CSCG5
CSCG6
CS 3,0
CS 3,3
CS 3,75
CS 4,2
CS 5,0
CS 6,0
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

The**surgical**tray

	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
	Es 1.3 L 9	MNCO13S	Optional
	Es 1.3 L 10	MNCO13M	Optional
	Es 1.3 L 13	MNCO13L	Optional
	Es 1.3 L 13	DRCO13S	Optional
	Es 1.3 L 17	DRCO13M	yes
	Es 1.3 L 23	DRCO13L	Optional

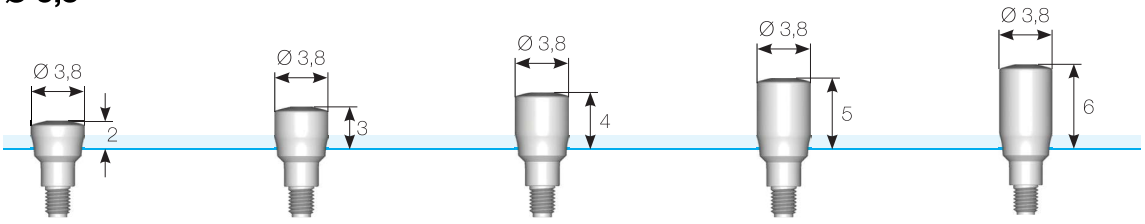
	Size	Code Art.	Tray KIT03
	L 8 per Imp CG	CG-WH2S	Optional
	L 11 per Imp CG	CG-WH2M	yes
	L 16 per Imp CG	CG-WH2L	Optional
	L 8 per Imp 3.0	CG-WHD3S	Optional
	L 11 per Imp 3.0	CG-WHD3M	yes
	L 16 per Imp 3.0	CG-WHD3L	Optional
	L 13 per Imp CG	CG-DR2S	Optional
	L 17 per Imp CG	CG-DR2M	yes
	L 23 per Imp CG	CG-DR2L	Optional
	L 13 per Imp 3.0	CG-DRD3S	Optional
	L 17 per Imp 3.0	CG-DRD3M	yes
	L 23 per 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
	Rigida	CRIC03	yes
	-	CG-CLK01	yes
	Azzurro	CG-CLK02	yes

The**Healing**

Healing abutments

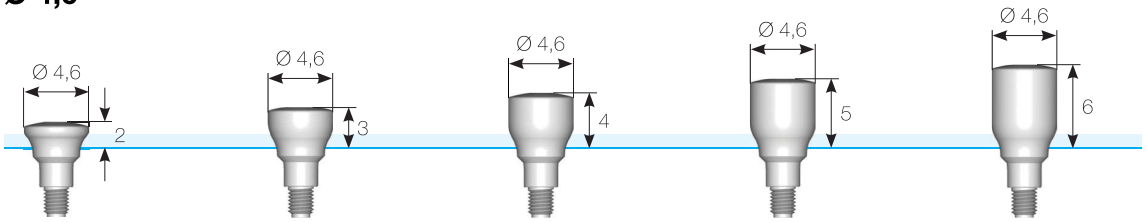
Healing abutments are made of medical-grade Titanium Gr5 purity and are used to condition the soft tissues, preparing them to receive the provisional or final prosthesis.
Torque: Tightening to 15÷20 Ncm.
Packaging: One healing abutment.

Ø 3,8



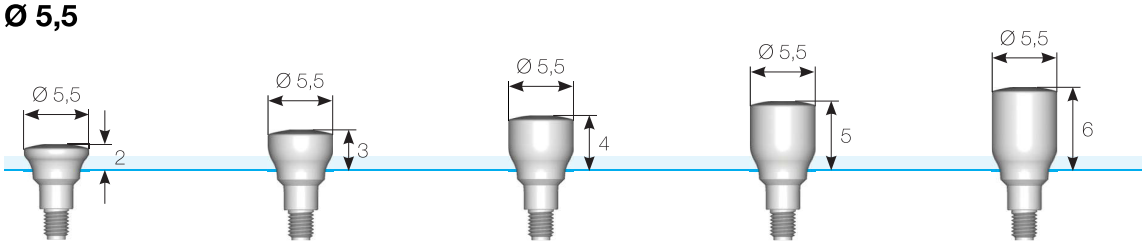
CG-VGS32 CG-VGS33 CG-VGS34 CG-VGS35 CG-VGS36

Ø 4,6



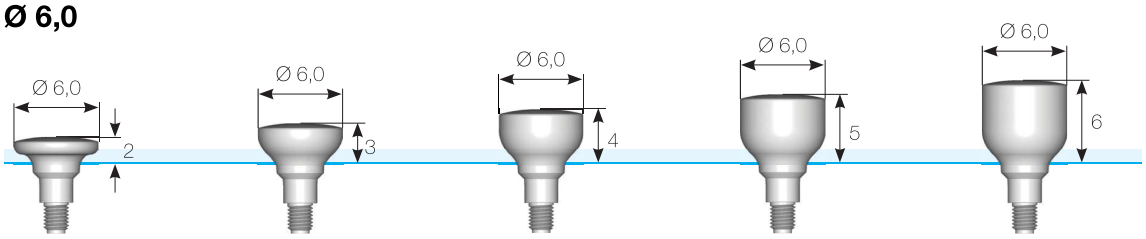
CG-VGS2 CG-VGS3 CG-VGS4 CG-VGS5 CG-VGS6

Ø 5,5



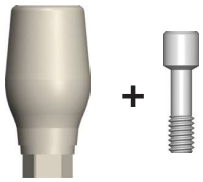
CG-VGS552 CG-VGS553 CG-VGS554 CG-VGS555 CG-VGS556

Ø 6,0

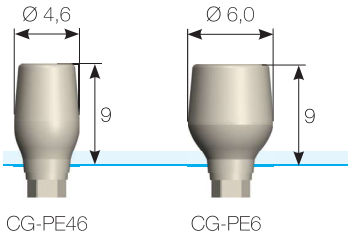


CG-VGS62 CG-VGS63 CG-VGS64 CG-VGS65 CG-VGS66

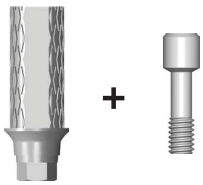
Peek healing abutments



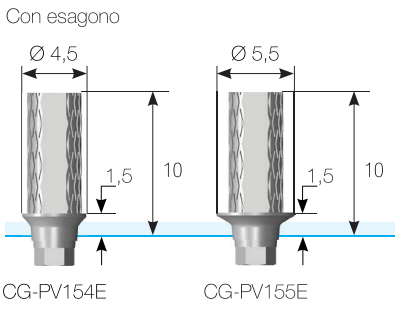
Healing abutments are made of medical Peek and are used to condition the soft tissues preparing them to accommodate the temporary or final prosthesis.
Torque: Tightening to 20÷25 Ncm.
Packaging: Single peek healing abutment plus its prosthetic screw.

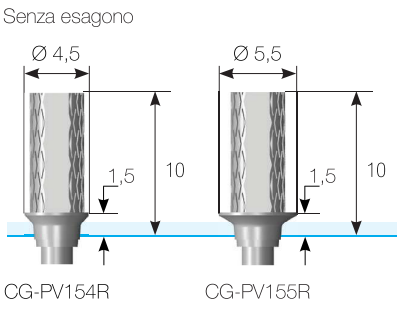


Temporary titanium abutments



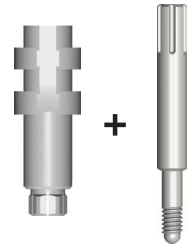
Temporary Abutments are manufactured from Gr5 Titanium, and are used to condition the soft tissue preparing it to accommodate the temporary or final prosthesis.
Torque: Tightening to 20÷25 Ncm.
Packaging: One provisional abutment plus its prosthetic screw.



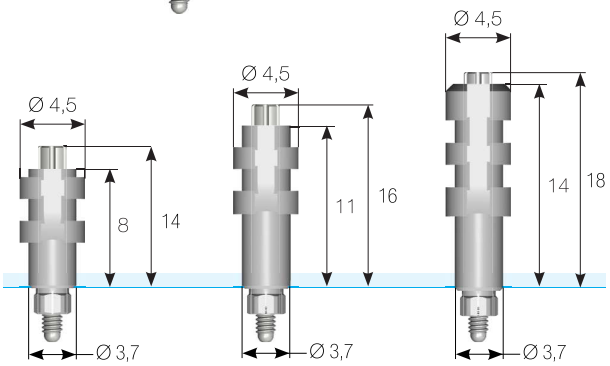


The**imprint**

Transfer imprint

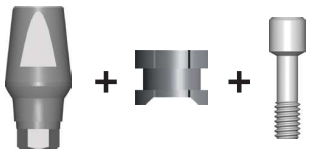


The Impression Transfer is made of Gr5 Titanium with medical purity and is used to take an impression with an individual tray.
Torque: Tightening to 15 Ncm.
Packaging: One Pick Up and its screw.

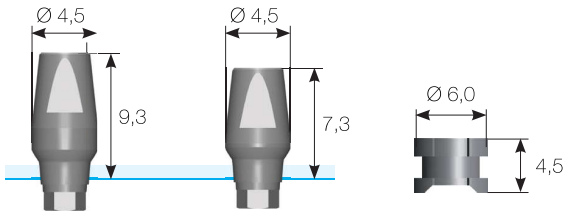


CG-TRA8 CG-TRA11 CG-TRA14

Pick up



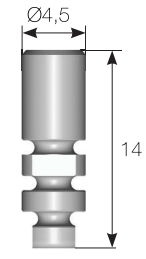
The Pick up is made of Gr5 Titanium with medical purity, it is used to take an impression with a closed spoon.
Torque: Tightening to 15 Ncm.
Packaging: One Transfer its screw and 3 position caps.



CG-TRAS01K CG-TRAS02K CG- CPST01K

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

Analogue

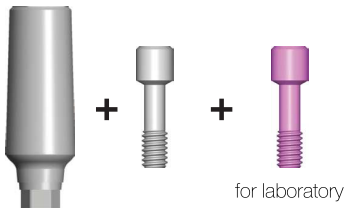


CG-ANA16

Implant Analogue, inserted into the Pick Up or Impression Transfer is used to reproduce the exact projection of the implant in the plaster.
Packaging: Includes only one Plaster Analogue.

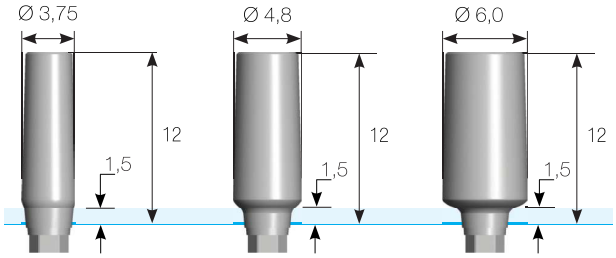
Prosthetic**components**

Titanium abutments

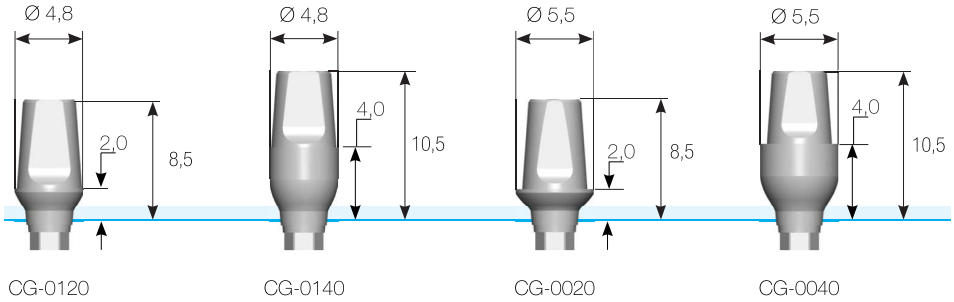


All Straight and Angled Titanium Abutments are manufactured from Gr5 Titanium and are used for the fabrication of the final prosthesis.
Torque: Tightening to 25÷25 Ncm.
Packaging: One titanium abutment with one laboratory screw (fuchsia) and the final screw.

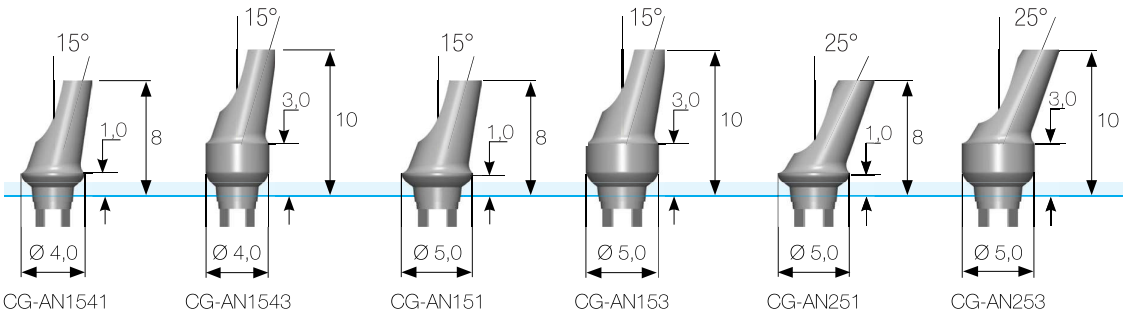
Monconi diritti a finire



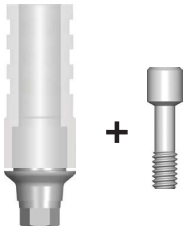
Abutments finish



Angled abutments



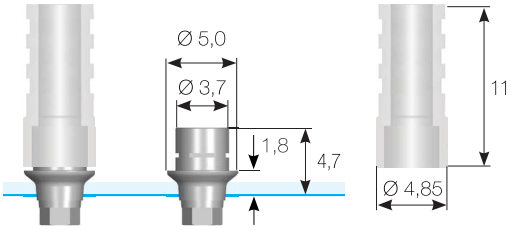
Calcinable with CoCrMo base



CoCrMo 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.

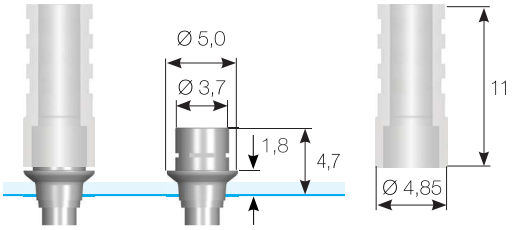
An additional advantage of molybdenum in the manufacture of dentures is the stability of the alloy at high temperatures, which facilitates combination with ceramics.
Melting range °C: 1350-1450
Torque: Tightening to 25 Ncm.
Packaging: CrCoMo base, a calcinable, and a prosthetic screw.

Con index



CG-CRN16E

Rotante

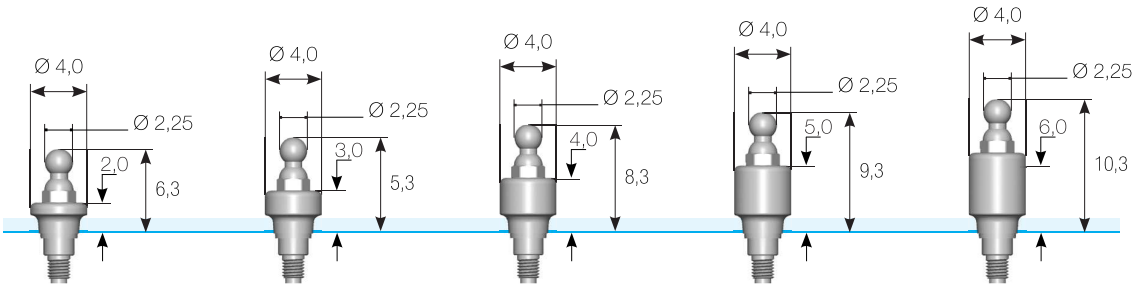


CG-CRN16R

Overdenture

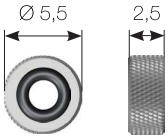
Ball abutment

The Ball abutment is made of Gr5 titanium. It is used to make removable prostheses.
Torque: Tightening to 25 Ncm.
Packaging: One Ball Abutment



Ball abutment spare parts

Ferrule O'Ring



CG-GO01

Kit Package

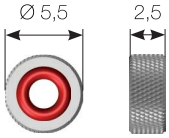
1 pz. 3 pz.

O'Ring

Pack of 5 pz.

ORCG01
standard

Ferrule O'Ring



CG-GO02

Kit Package

1 pz. 3 pz.

O'Ring

Pack of 5 pz.

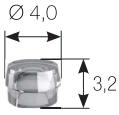
ORCG02
soft

Spare parts overdenture

BOX

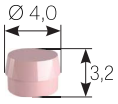
CG-CAO01

Sealing sleeves standard



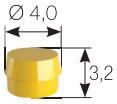
CA001

Sealing sleeves soft



CN001

Sealing sleeves standard

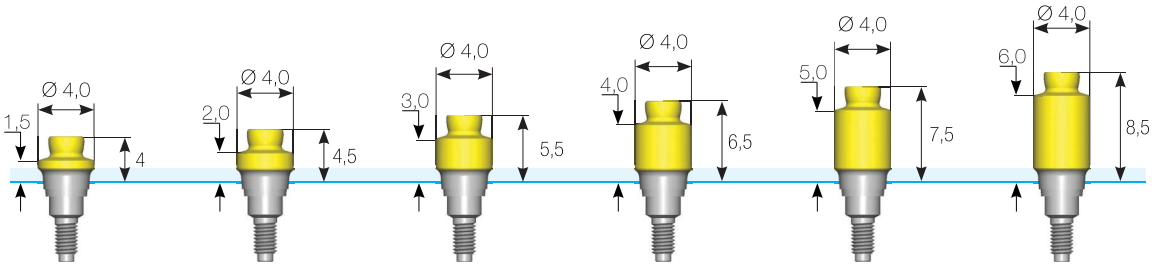


CN002

OTEquator

Ot Equator kit

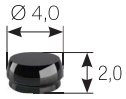
The Ot Equator component is constructed of Gr5 titanium and coated in Tin.
Torque: Tightening to 25 Ncm.
Package includes:
1 Tin-coated Titanium Attachment,1 stainless steel cap container,1 protective diskette, 4 assorted caps (1 extra-soft, 1 soft, 1 standard, 1 strong).



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

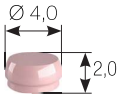
Overdenture Parts

Guaine

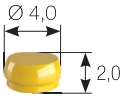


CG-CNL4
Laboratory

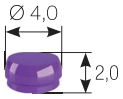
CG-CBST4
Estate standard (1,8 Kg)



CG-CRS4
Estate soft (1,2 Kg)

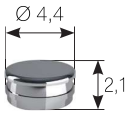


CG-CGE4
Estate extra soft (0,6 Kg)



CG-CVF4
Estate Forte (2,7 Kg)

Box



CG-C12

Protective sheathing

GACG001

Ot Equator laboratory

Chalk analogue

CGANSF01
Rhein 83
Ref 144AE. 2 pz

Individual transfer

Rhein 83
Ref. 144MTE 2 pz

Tear-off transfer

Rhein 83
Ref. 044CAIN 2 pz

Per handpiece

Rhein 83
Ref. 760CE 1 pz

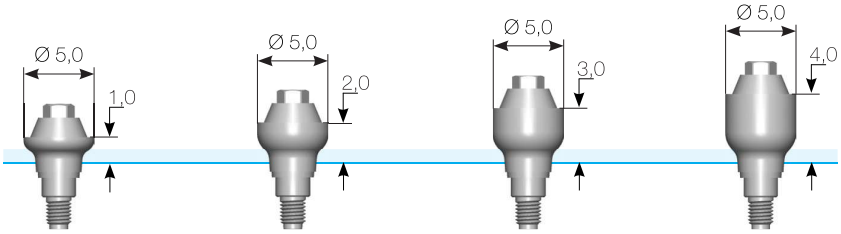
For ratchet

Rhein 83
Ref. 774CHE 1 pz

MUA**angled**abutments

Straight MUA

The straight MUA is made of Gr5 titanium
and is used for making screw-retained prostheses on multiple elements and in case of disparallel implants (all on four technique).
Torque: Tightening to 25 Ncm.
Packaging: A single component.

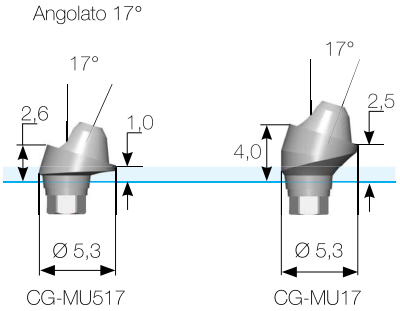


CG-MU01 CG-MU02 CG-MU03 CG-MU04

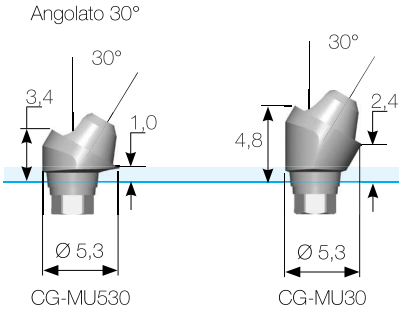
DRCOMU

The Angled MUA

The Angled MUA is made of Gr5 titanium and is used for fabricating screw-retained prostheses on multiple elements for 17° and 30° angled implants
Torque: Tightening to 25 Ncm.
Packaging: Angled connector and its prosthetic screw.

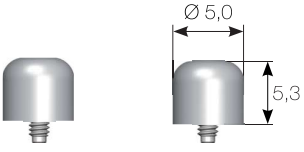


CG-MU517 CG-MU17



CG-MU530 CG-MU30

Cover for straight and angled MUA

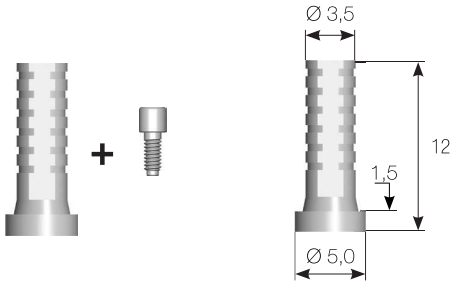


CG-VGSMU

The healing screw for straight and angled MUA is constructed of Gr5 titanium and serves to protect the connection cones of straight connectors and angled connectors.
Torque: Tightening to 20 Ncm.
Packaging: Healing cover and its screw.

MUA **stumps**

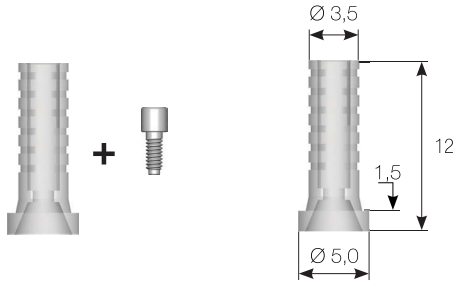
Titanium abutment



CG-MUMT

The Titanium Abutment for Straight and Angled Multi Unit Abutments is manufactured from Gr5 Titanium and is used for the fabrication of temporary and/or final prosthesis.
Torque: Tightening to 20 Ncm.
Packaging: One Titanium Abutment with one prosthetic screw.

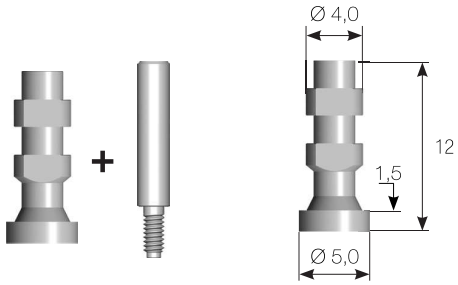
Calcinable abutment



CG-MUCC

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: One calcinable, one prosthetic screw.

Transfer imprint



CG-TRAMU

Straight and Angled Multi Unit Abutment Impression Transfer is made of Gr5 Titanium and is used for individual tray impression taking.
Torque: Tightening to 15-20 Ncm.
Packaging: One calcinable, one screw.

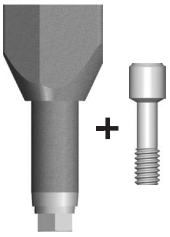
Analogous laboratory

CG-ANAMUC

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

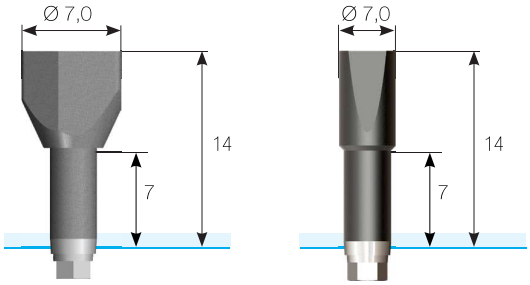
CADCAMTechnique

Scan Marker by Implant



The Marker is produced in a single part of Gr5 titanium.
Torque: Tightening to 15-20 Ncm.
Packaging: Marker and a screw for its tightening CG-VS781.

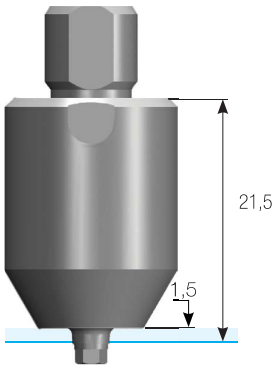
Scan Marker by Implant



CG-SB01 CG-SB01SMALL

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

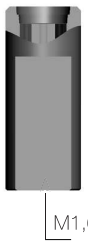
CAD CAM Premilled from cementing



CG-MCU01

Premilled, are manufactured from Gr5 titanium, a single diameter and height.
The Premilled 10 mm diameter is ideal for castomized machining on milling machines.
Torque: Tightening to 25-30 Ncm.
Packaging: Premilled and a screw for its tightening.

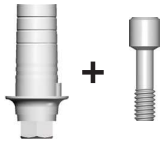
Digital analogue for CAD CAM technique



CG-ANCD01

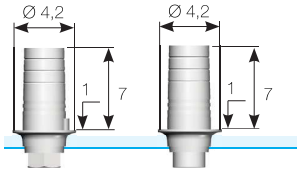
The digital analog for the CAD CAM technique is made of Gr5 titanium. Its special shape allows its easy placement in molded models and with remarkable simplicity its anchoring to the model through the use of a screw (M1,6) that is screwed between the bottom of the model and the bottom of the analog.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

Ti Bonding Base for CAD/CAM Technique



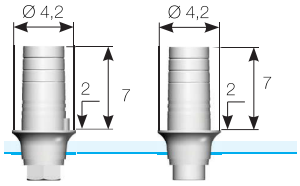
T Base bonding are constructed from Gr5 titanium. T Base are offered in three different heights to compensate for even deep mucous paths.
Torque: Tightening to 25-30 Ncm.
Packaging: Digital T base and a CG-VS7818 prosthetic screw.

With Index No Index



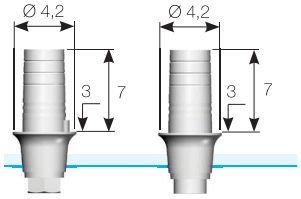
CG-BTSE042 CG-BTSR042

With Index No Index



CG-BTSE242 CG-BTSR242

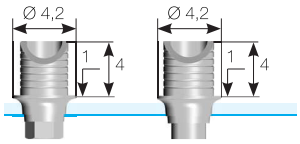
With Index No Index



CG-BTSE342 CG-BTSR342

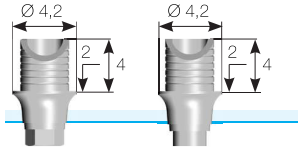
Ti Bonding Base for Angled Technique

With Index No Index



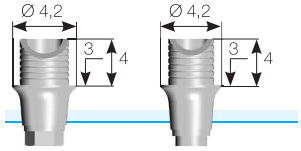
CG-TBSA1 CG-TBSA1R

With Index No Index



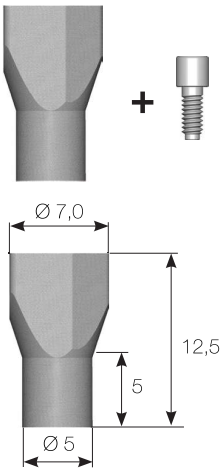
CG-TBSA2 CG-TBSA2R

With Index No Index



CG-TBSA3 CG-TBSA3R

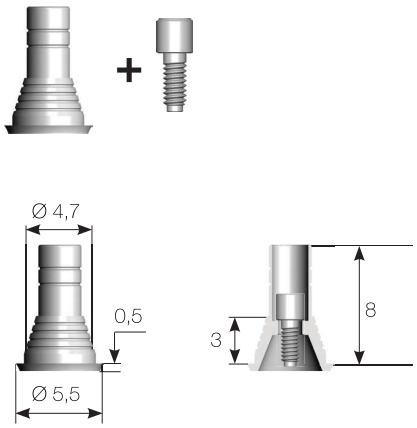
MUA Scan Marker



CG-SB02

The MUA Abutment Marker is fabricated from Gr5 Titanium. The Marker is constructed from a single size.
Torque: Tightening to 15-20 Ncm.
Packaging: Marker and a screw for its tightening CG-VS3414.

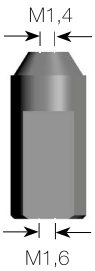
MUA Digital T base



TBMUCG01

T base for MUA is constructed from Gr5 titanium.
Torque: Tightening to 25-30 Ncm.
Packaging: Digital Ti base and a CG-VS3414 prosthetic screw.

Digital analogue for CAD CAM technique



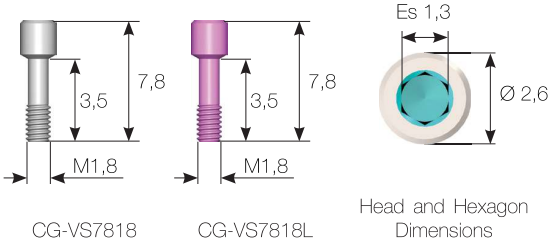
CG-ANAMUCD

The Mua digital analogue for the CAD CAM technique is made of Gr5 titanium. Its special shape allows its easy placement in molded models and with remarkable simplicity its anchoring 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: Analog with the screw.

Screws

Standard denture screws

For abutment

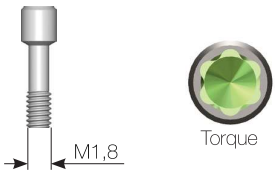


CG-VS7818 CG-VS7818L Head and Hexagon Dimensions

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

Angled denture screws

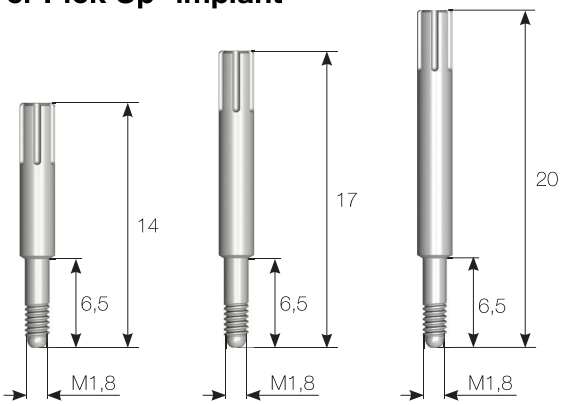
For abutmen



CG-VS7818TX

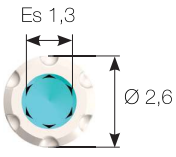
The prosthetic screw for the angled technique is cotrued from Gr5 titanium.
Torque: Tightening to 20-25 Ncm.
Packaging: 5 pcs.

Per Pick Up -implant



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

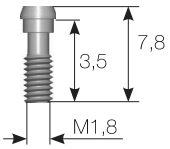
Pick Up screws are made of Gr5 Titanium and come in three different lengths.The length of the screw is associated with the length of the Pick Up.
Torque: Tightening to 20-25 Ncm.
Packaging: 5 pcs.



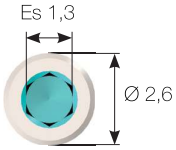
Head and Hexagon Dimensions

Screws

For Angled Connector 17°- 30°



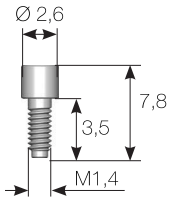
CG-VSM6918



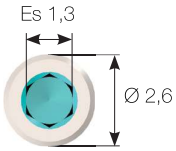
Head and Hexagon Dimensions

All screws for straight or angled 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: 5 pcs.

For prosthesis connector 17°- 30° and straight

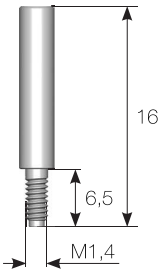


CG-VSC3414

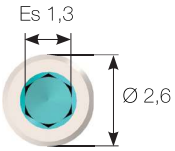


Head and Hexagon Dimensionso

Per Pick Up



CG-VSTNM



Head and Hexagon Dimensions

Ornaghi s.r.l.
Viale Marche,70 - 20159 Milano (MI)
Phone +39 0392142070
www.ornaghimedical.com

MADE IN ITALY