

GS

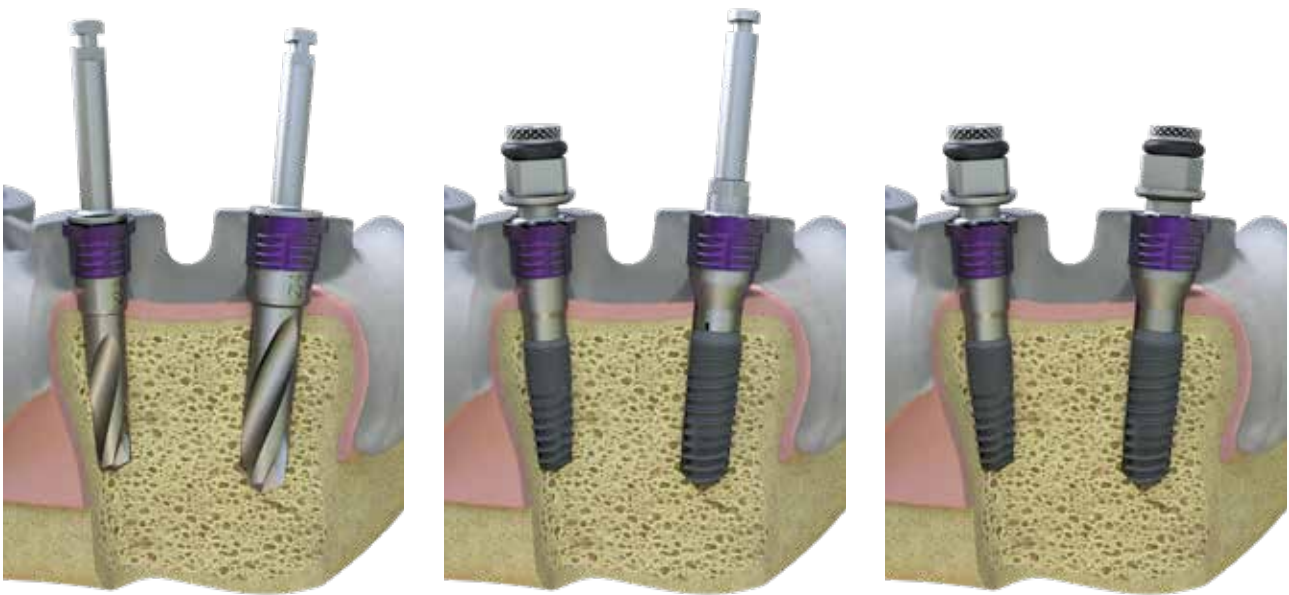
GUIDED
SURGERY



C-GUIDE
C-TECH GUIDED SURGERY

IMPLANTOLOGY MEETS PRECISION

The C-Tech/C-Guide guided surgery concept is a comprehensive system which offers complete guidance for the 4 different diameters of the EL family: 3.1mm, 3.5mm, 4.3mm and 5.1. as well as full guidance and depth control on all implant lengths. In combination with the well proven EL implant system, C-Guide delivers surgical precision with long term esthetic success and predictability.

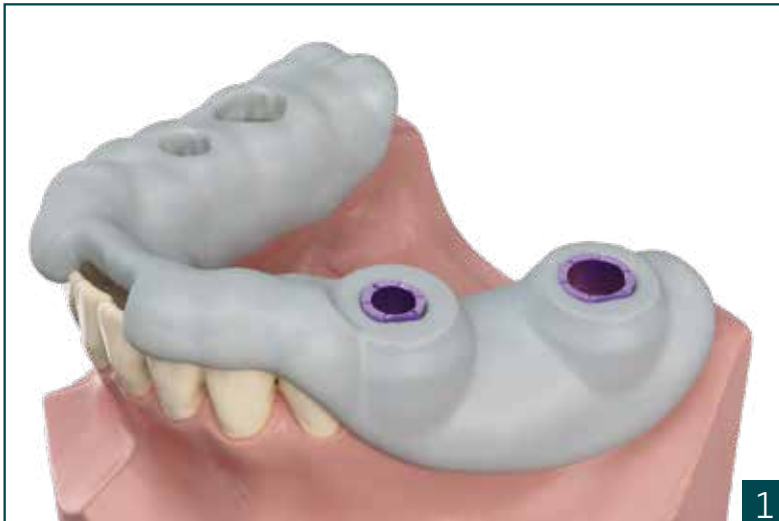


The C-Guide system is simplified through the use of only 2 different sleeve diameters; Narrow and Wide. The Narrow sleeve addresses the implant diameters of 3.1 and 3.5 whereas the Wide diameter addresses the implants diameters of 4.3 and 5.1. The sleeves are flattened on one side so as to allow for closer placement of adjacent sleeves within the guide.

Implant diameters within the system can be driven with drivers and mounts.

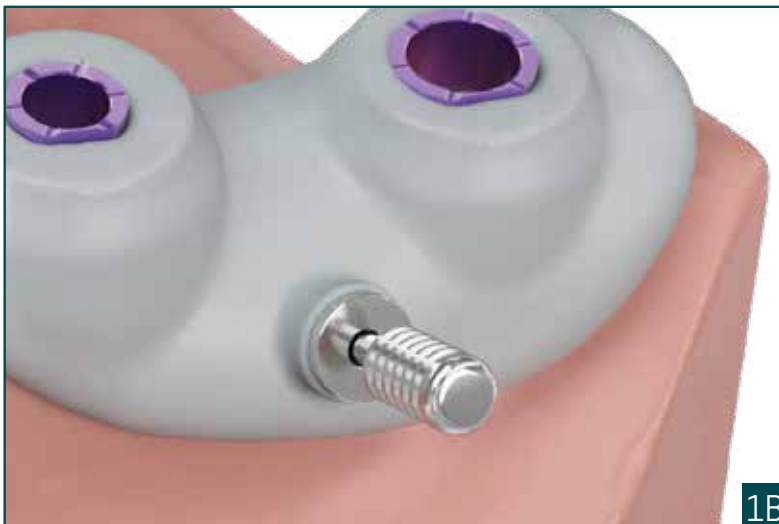
So as to ensure stability and precision, the mounts are used to lock the initial 3 implants into position thus providing added stability for the placement of the rest of the implants in the guide.

SURGICAL PROTOCOL



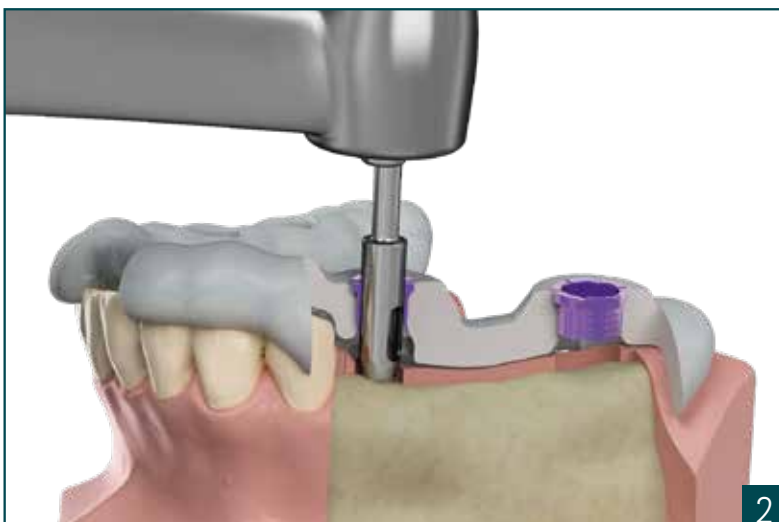
GUIDE POSITIONED

The guide is positioned on the jaw of the patient, using existing dentition as stabilization.



FIXATION PINS

In the case of an edentulous jaw, the guide is positioned and then fastened in place using lateral pins.



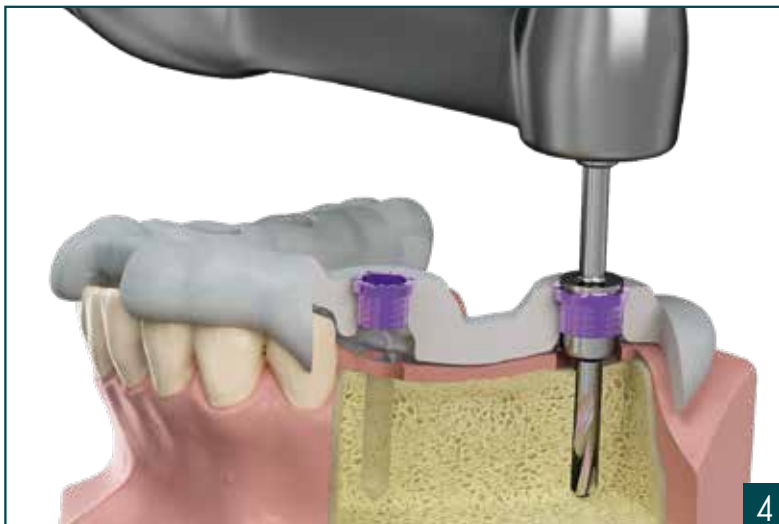
TISSUE PUNCH USE

The appropriate tissue punch is used in a handpiece in order to remove the gingival tissue above the osteotomy site.



LOCATOR DRILL

The locator drills are used to make a starting point so as to prevent the successive drills slipping on the crest.



PILOT DRILL

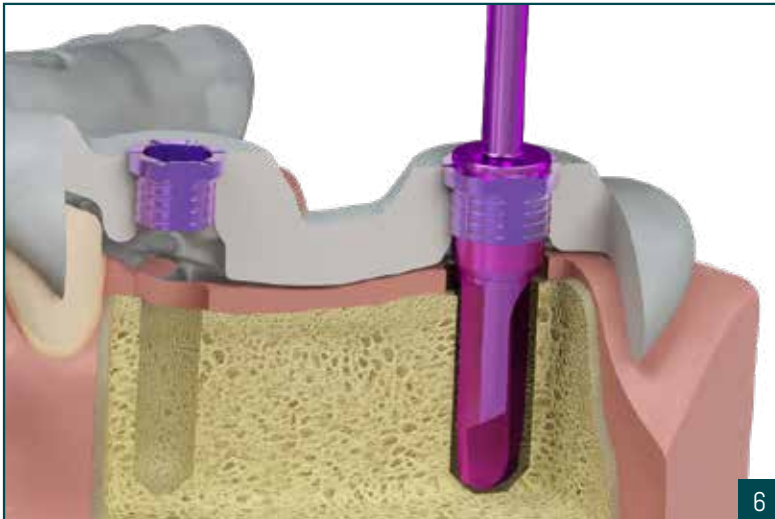
The 2.1mm pilot drill is used to create the osteotomy to its final depth.

So as ensure there is always guidance and engagement with the sleeve for the initial drilling, the first 2.1 pilot drill to be used will be the shortest one, no matter what the final length will be. Thus in a narrow sleeve case it will be the GS-N2009 drill and in the case of a wide sleeve case will be the GS-W2007 and then one can proceed to the pilot drill with final length.



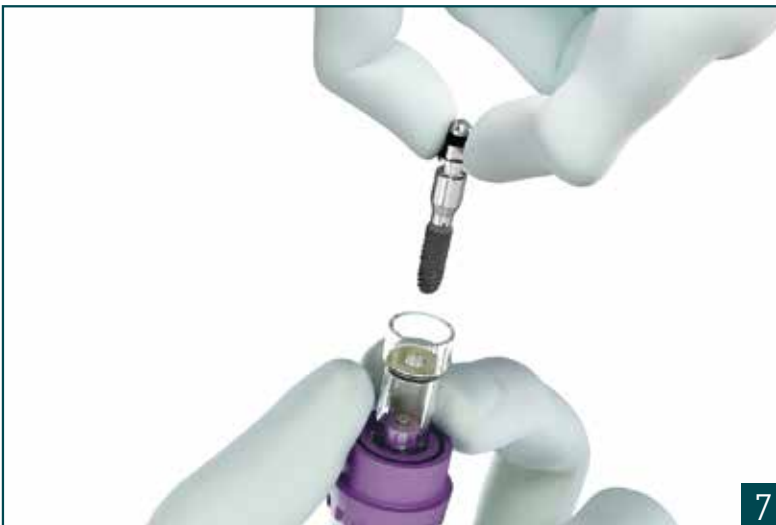
NORMAL BONE

The 3.5 mm drill will follow the pilot drill and stop at the same depth.



HARD BONE

In the case of a 3.5 mm implant in normal bone the 3.5 mm drill will be the final drill. In the case of hard bone, the 3.5 mm drill will be followed by the 3.5 mm Hard Bone drill.



IMPLANT

The implant is removed from the vial using the implant driver or implant driver/mount.



IMPLANT INSERTION

The implant is carried to the site with use of the driver or mount/driver.



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MANUAL DRIVER

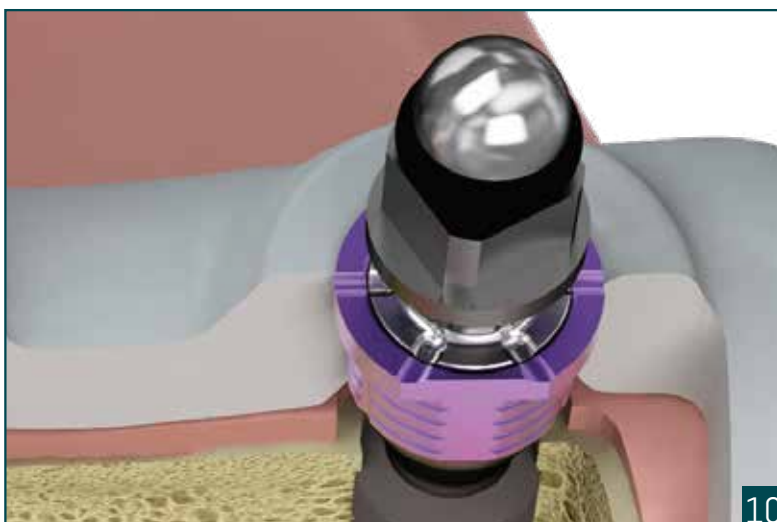
Once the implant has been placed in its site, it can be manually driven with use of the finger adapter. It may also be driven by hand-piece using the latch drivers or by ratchet through the use of the adapters or mount/drivers.



9B

RATCHET ADAPTERS

The implant latch drivers can be converted into finger drivers and into ratchet adapters through use of the CT-E7003 finger adapter which fits onto the top of the latch.



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CORRECT POSITION

The implant is seated in its final position once the mount shoulder is flush with the top of the sleeve and the lines on the top of the shoulder are aligned with the lines on the top of the sleeve. These lines represent the center of the flat sides on the implant's internal hex.

GUIDED SURGERY COMPONENTS

Sleeves



Lateral pins



Drill for lateral pins



Lateral sleeves



Lateral Fixation Set



Driver extender



Drivers/Mounters



Wide Ratchet Driver

Fits Implants 4.3/5.1



Latch Driver



GUIDED SURGERY DRILLS

Initial Narrow Sleeve Punch and Locator Drill



Initial Wide Sleeve Punch and Locator Drill



Narrow Drills

Narrow Sleeve Drills 2.1



GS-N2009

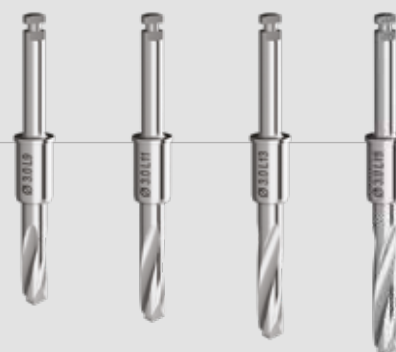
GS-N2011

GS-N2013

GS-N2015

Narrow Sleeve Drills 3.1

(real Ø2.6 mm)



GS-N3009

GS-N3011

GS-N3013

GS-N3015

Narrow Sleeve Drills 3.5

(real Ø3.3 mm)



GS-N3509

GS-N3509HB

GS-N3511

GS-N3511HB

GS-N3513

GS-N3513HB

GS-N3515

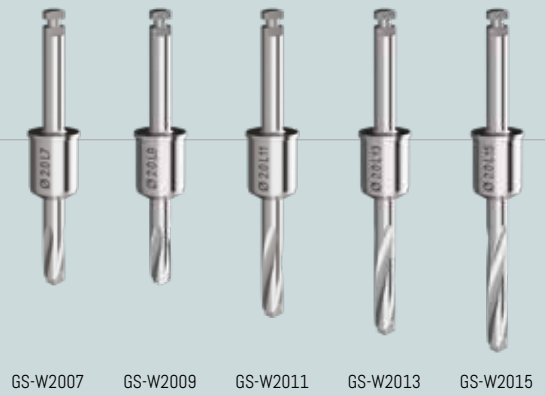
GS-N3515HB





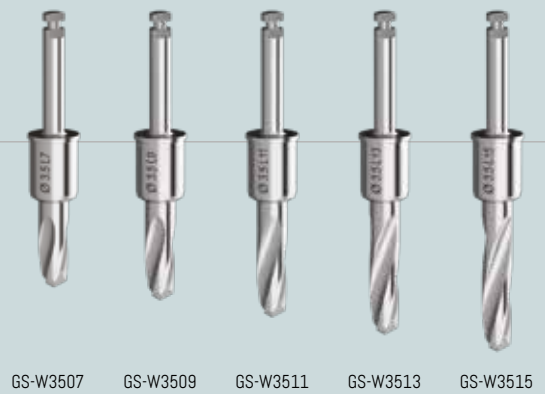
Wide Drills

Wide Sleeve Drills 2.1



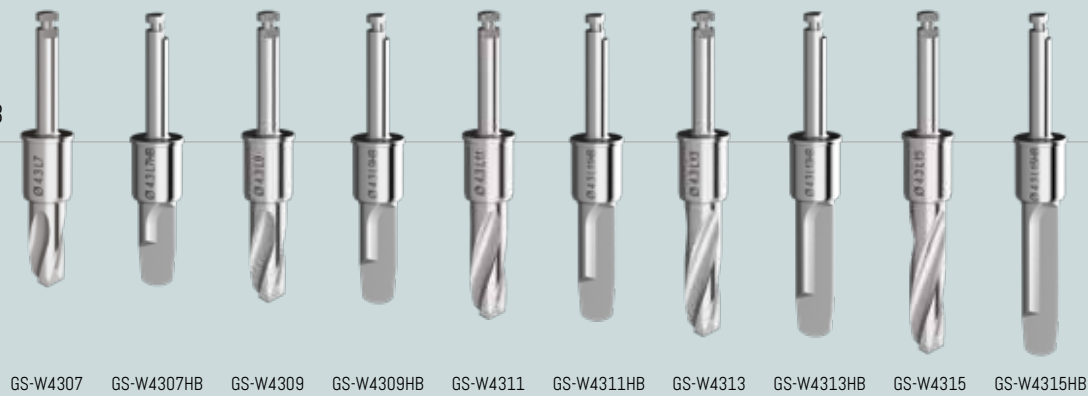
Wide Sleeve Drills 3.5

(real Ø3.3 mm)



Wide Sleeve Drills 4.3

(real Ø4 mm)



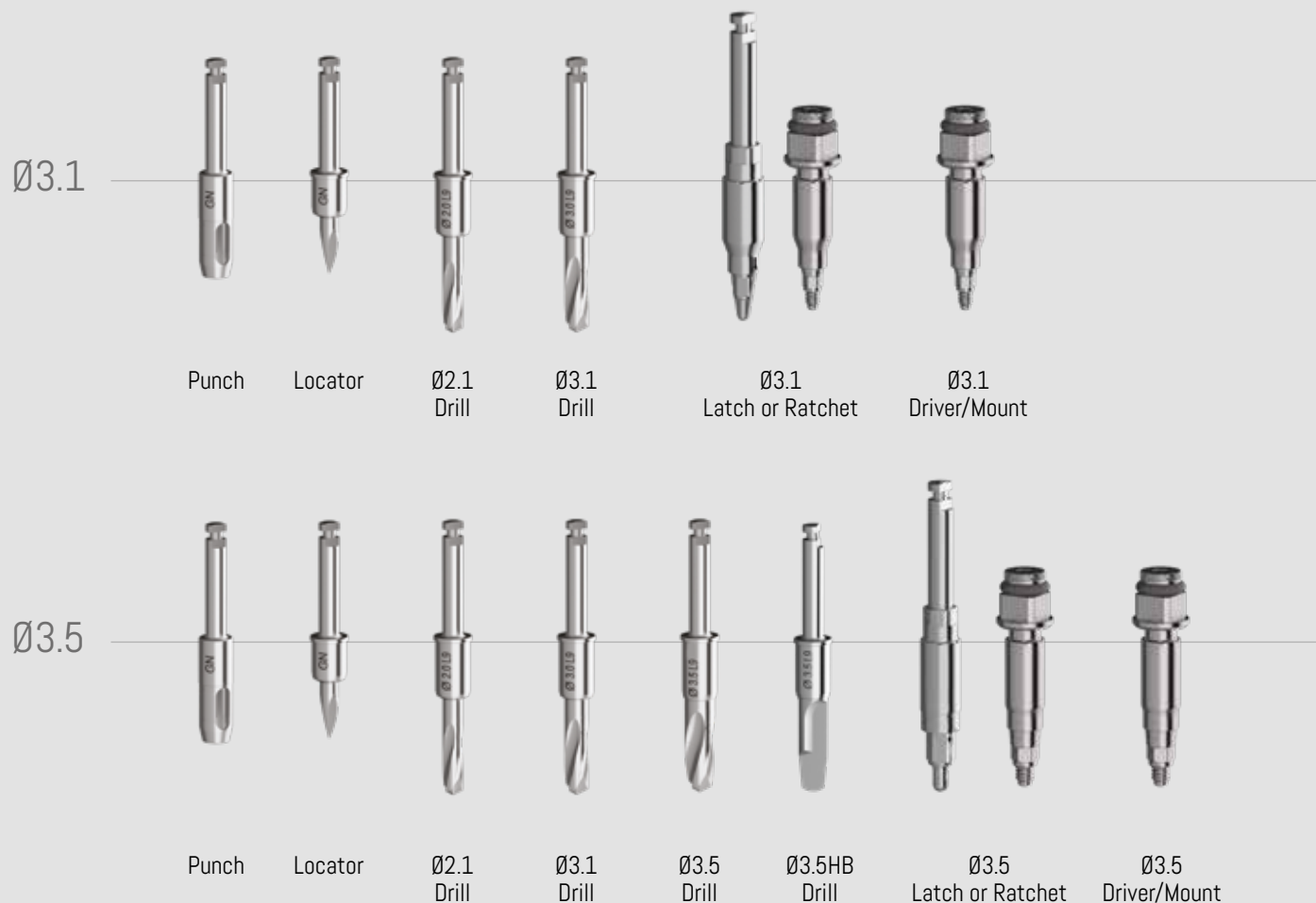
Wide Sleeve Drills 5.1

(real Ø4.8 mm)

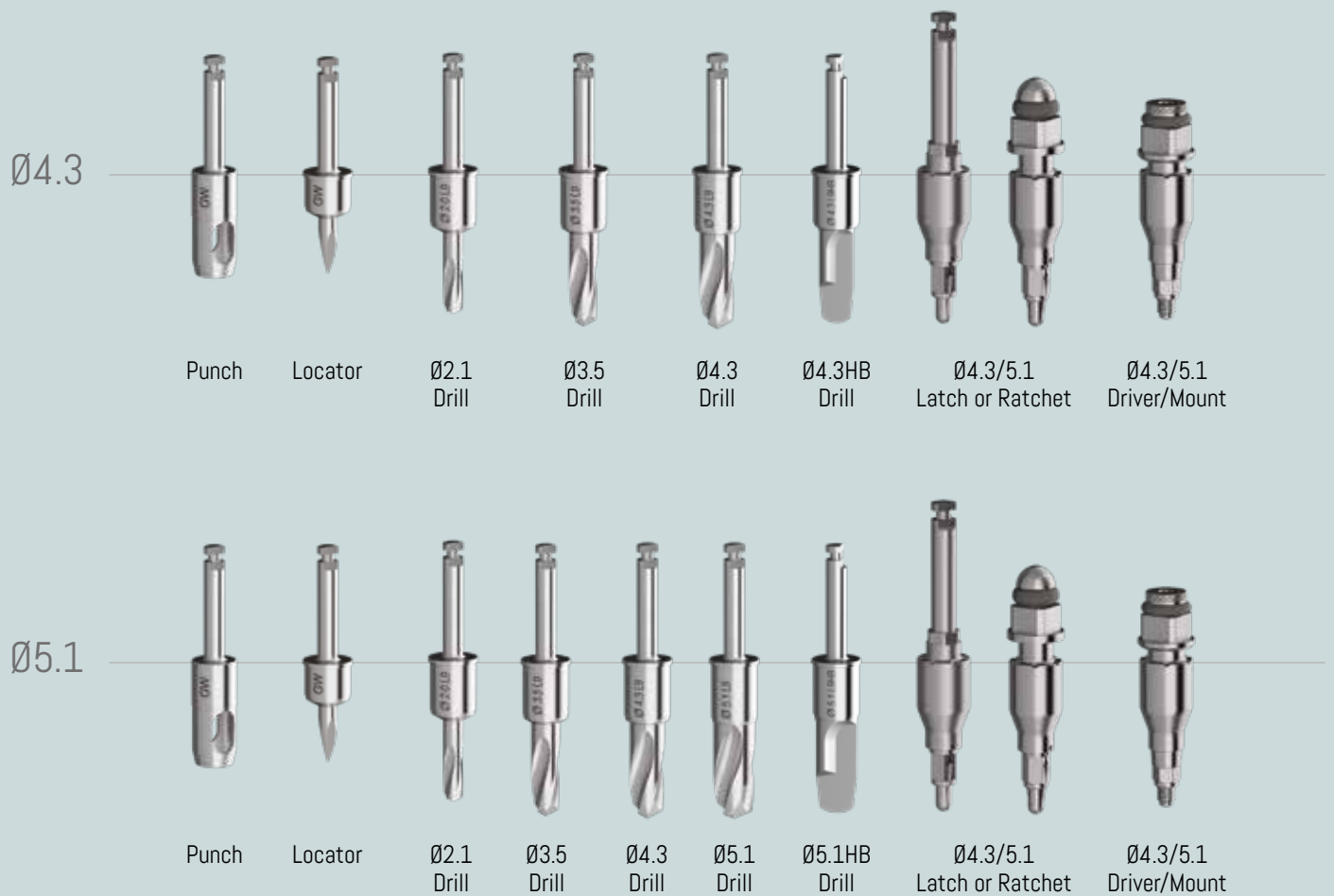


GUIDED SURGERY DRILLS AND SEQUENCE

Narrow

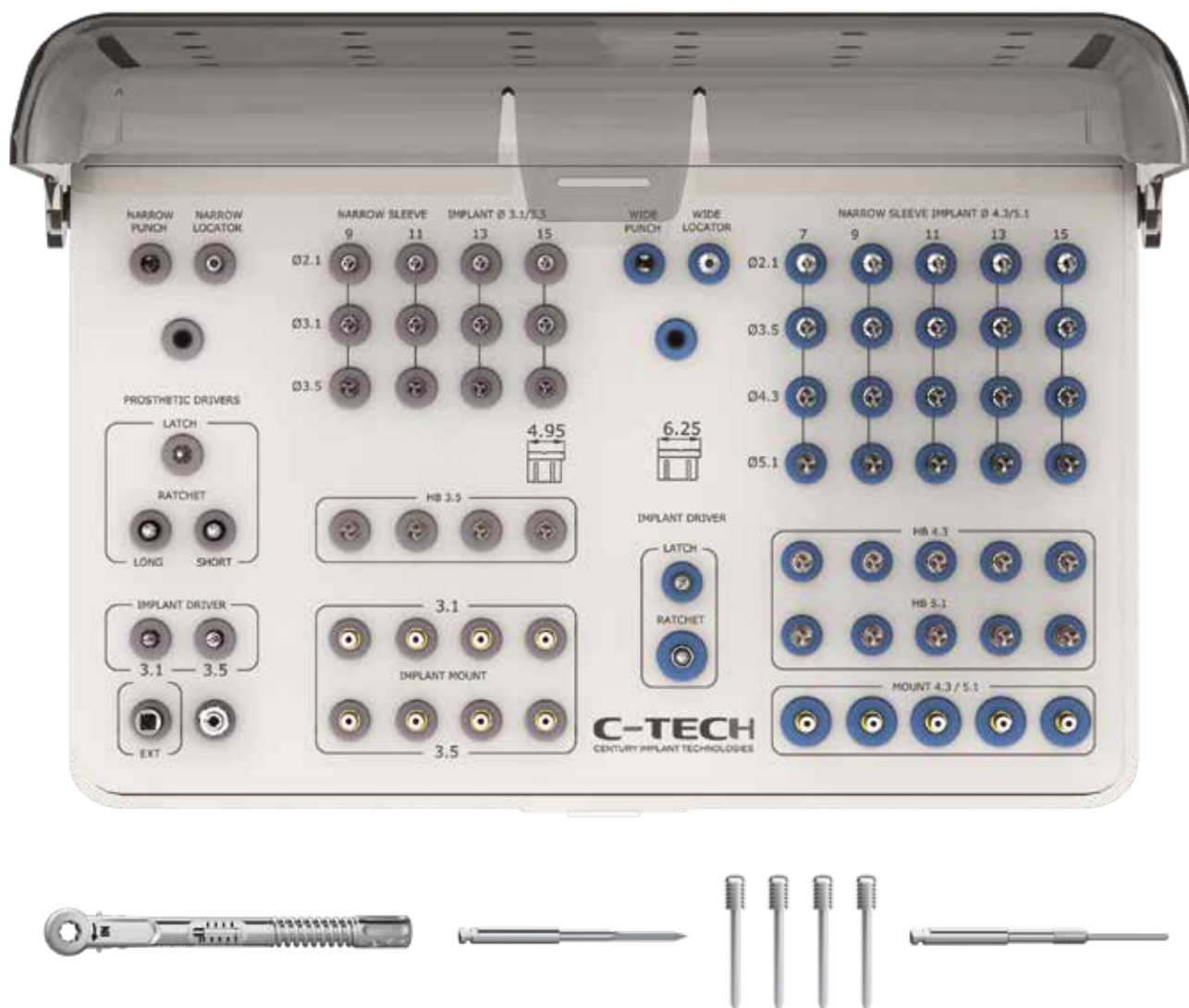


Wide



C-GUIDE KIT

GS-SURKIT



* The kit has the space to accommodate the screw driver EL-3016 and the fixed ratchet MC-00376. These two items are not included in the kit but can be purchased separately. The torque ratchet CT-8010 is already included in the kit. The latch extractor (GS-6061), the drill for fixing lateral pins (GS-FIXDRILL) and the 4 lateral pins (GS-PIN) are included in the kit.

INSTRUMENTS INCLUDED IN THE C-GUIDE KIT

Narrow punch	GS-NPUNCH
Locator Drill	GS-NLOCATOR
Drill D2.1 L9	GS-N2009
Drill D2.1 L11	GS-N2011
Drill D2.1 L13	GS-N2013
Drill D2.1 L15	GS-N2015
Drill D3.1 L9	GS-N3009
Drill D3.1 L11	GS-N3011
Drill D3.1 L13	GS-N3013
Drill D3.1 L15	GS-N3015
Drill D3.5 L9	GS-N3509
Drill D3.5 L11	GS-N3511
Drill D3.5 L13	GS-N3513
Drill D3.5 L15	GS-N3515
Drill D3.5 L9 HB	GS-N3509HB
Drill D3.5 L11 HB	GS-N3511HB
Drill D3.5 L13 HB	GS-N3513HB
Drill D3.5 L15 HB	GS-N3515HB
Mount D3.1	GS-N7007/31
Mount D3.8	GS-N7007/38
Latch Driver D3.1	GS-N9031
Latch Driver D3.5	GS-N9035

Wide punch	GS-WPUNCH
Locator Drill	GS-WLOCATOR
Drill D2.1 L7	GS-W2007
Drill D2.1 L9	GS-W2009
Drill D2.1 L11	GS-W2011
Drill D2.1 L13	GS-W2013
Drill D2.1 L15	GS-W2015
Drill D3.5 L7	GS-W3507
Drill D3.5 L9	GS-W3509
Drill D3.5 L11	GS-W3511
Drill D3.5 L13	GS-W3513
Drill D3.5 L15	GS-W3515
Drill D4.3 L7	GS-W4307
Drill D4.3 L9	GS-W4309
Drill D4.3 L11	GS-W4311
Drill D4.3 L13	GS-W4313
Drill D4.3 L15	GS-W4315
Drill D4.3 L7 HB	GS-W4307HB
Drill D4.3 L9 HB	GS-W4309HB
Drill D4.3 L11 HB	GS-W4311HB
Drill D4.3 L13 HB	GS-W4313HB
Drill D4.3 L15 HB	GS-W4315HB

Drill D5.1 L7	GS-W5107
Drill D5.1 L9	GS-W5109
Drill D5.1 L11	GS-W5111
Drill D5.1 L13	GS-W5113
Drill D5.1 L15	GS-W5115
Drill D5.1 L7 HB	GS-W5107HB
Drill D5.1 L9 HB	GS-W5109HB
Drill D5.1 L11 HB	GS-W5111HB
Drill D5.1 L13 HB	GS-W5113HB
Drill D5.1 L15 HB	GS-W5115HB
Mount D4.3/D5.1	GS-W7007
Latch Driver D4.3/5.1	GS-W904351
Ratchet Driver D4.3/5.1	GS-E7001
Driver Extender	GS-2000
Lateral Pins	GS-PIN
Ratchet driver	GS-E7001
Torque wrench	CT-8010
Drill for later pins	GS-FIXDRILL
Finger adapter	CT-E7003
Ratchet short screwdriver	CT-8051
Ratchet long screwdriver	CT-8052
Latch screwdriver	BL-9019
Latch Extractor	GS-6061

C-GUIDE REDUCED KIT

GS-SURKIT02



INSTRUMENTS INCLUDED IN THE C-GUIDE KIT

Narrow punch	GS-NPUNCH
Locator Drill	GS-NLOCATOR
Drill D2.1 L9	GS-N2009
Drill D2.1 L11	GS-N2011
Drill D2.1 L13	GS-N2013
Drill D2.1 L15	GS-N2015

Wide punch	GS-WPUNCH
Locator Drill	GS-WLOCATOR
Drill D2.1 L7	GS-W2007
Drill D2.1 L9	GS-W2009
Drill D2.1 L11	GS-W2011
Drill D2.1 L13	GS-W2013
Drill D2.1 L15	GS-W2015

English version



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