

QUICK GUIDE  
BTK

btk  Implanting Trust,  
Smile Again!

# SURGICAL KIT

## ISY KONE, BT SAFE, BT NANO



A single Surgical Kit  
for 3 implant lines



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# SIMPLICITY REDEFINED ONE KIT

## STORAGE OF SURGICAL INSTRUMENTS

The surgical trays are used for the secure storage and sterilization of the surgical and auxiliary instruments of the BTK dental implant systems. They are made of a highly shock-proof thermoplastic, which is well established in medical applications and the material is suitable for frequent sterilization in the autoclave.

## DENSE BONE PROTOCOL (TAPPING)

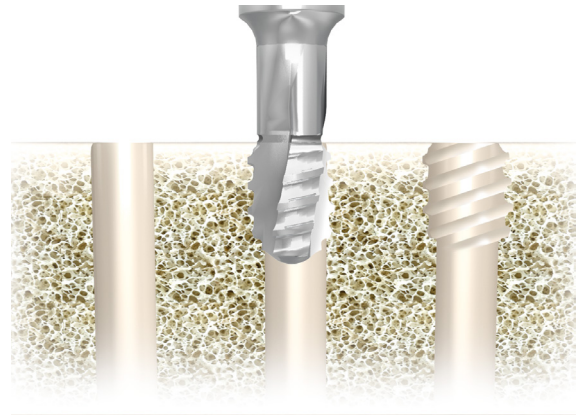
The evaluation of bone quality is made by using radiograph imaging techniques and clinical examination.

Dense cortical bone provides higher implant primary stability.

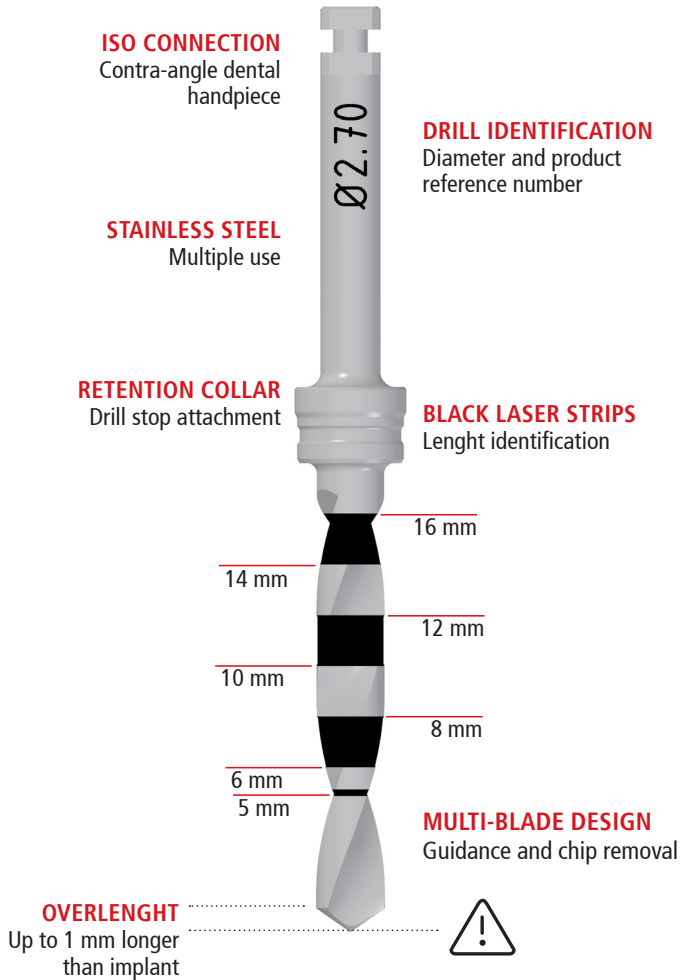
Whereas cancellous bone provides less initial stabilization.

This has to be taken into account when preparing the implant site.

Moreover, it influences the time required to develop osseointegration.



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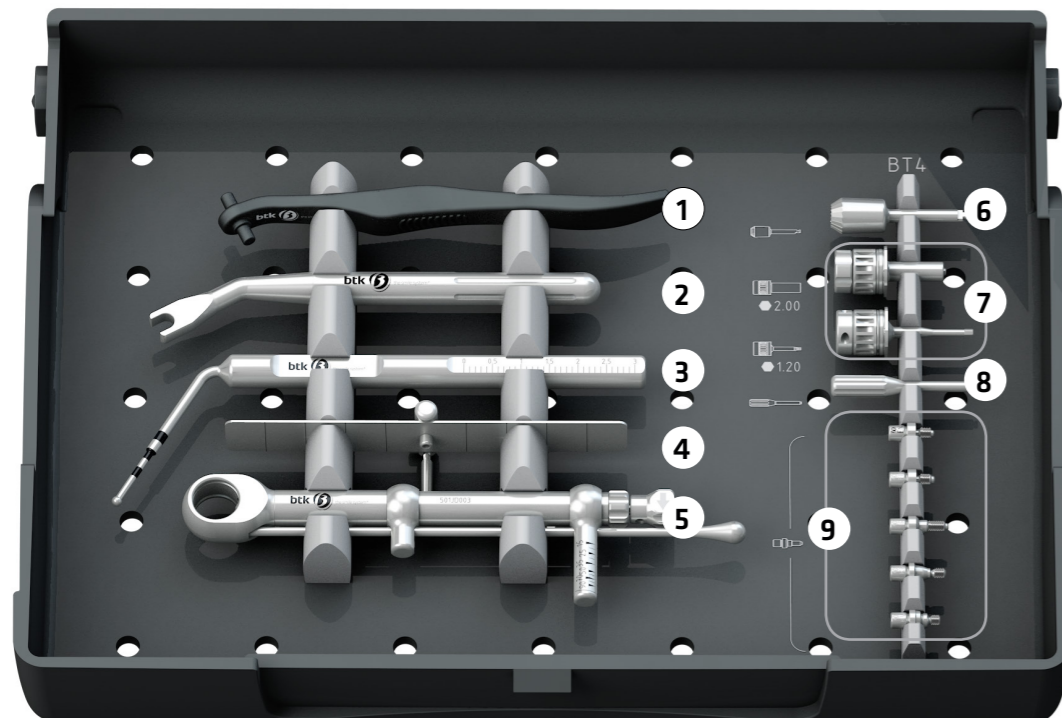
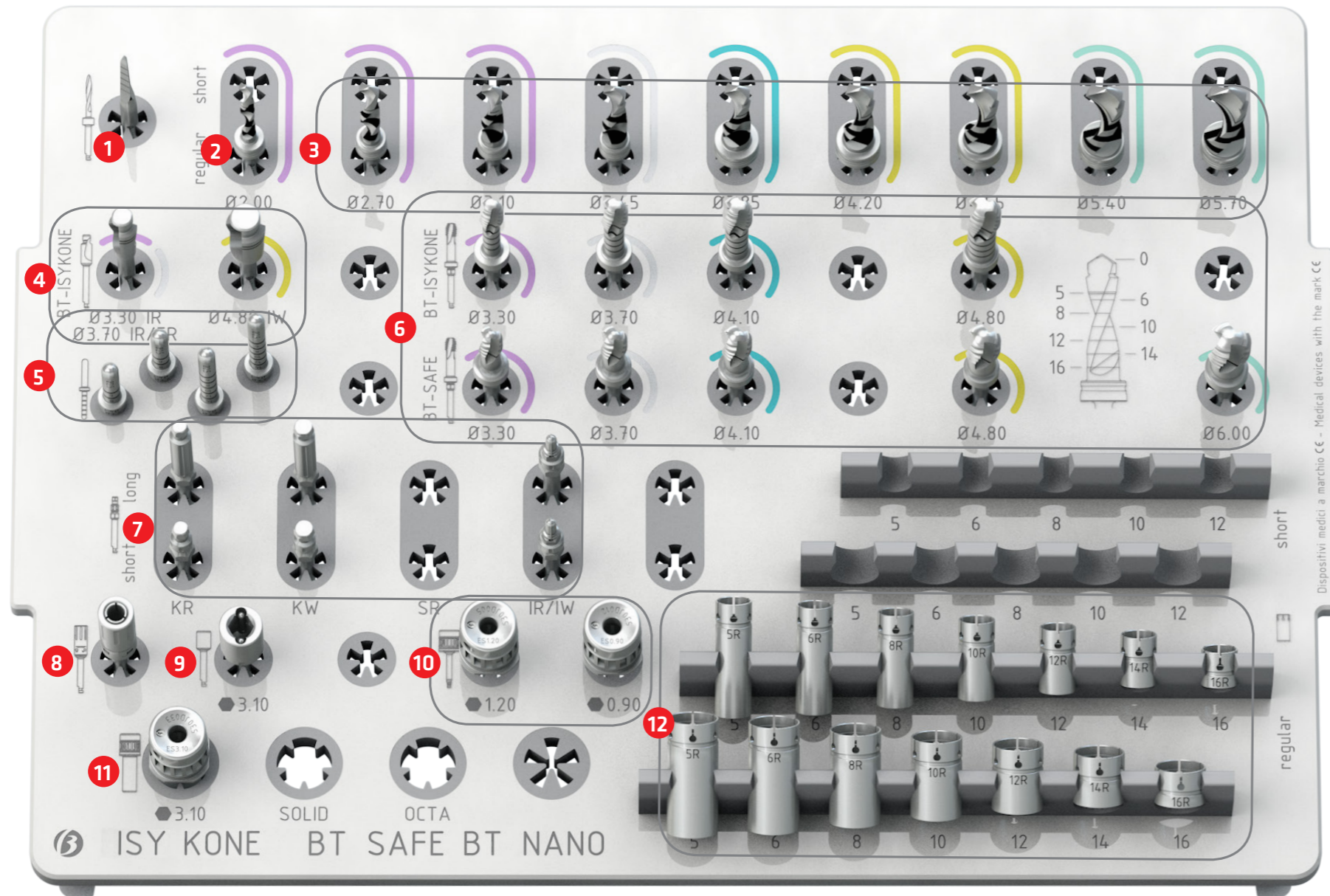
## CHARACTERISTICS OF SURGICAL DRILLS

- the respective length to the corresponding depth strip is always the lower or upper end of the strip
- drills and taps should be replaced after max. 20 applications
- drilling must proceed with sharp drills, intermittently at 500 rpm – 600 rpm
- the laser strips correspond to the length of the implant selected. However, in order to increase safety drill stops may also be used
- all final drills offer attachment of suitable drill stops
- For implants with a length of 18 mm, the corresponding depth markings on drills are not provided such as the suitable drill stops are not available. It is advisable to prepare the implant site taking into account that the length of the drill, from the tip and up to the retention collar, is equal to 18.8 mm. It is responsibility of the clinician to evaluate based on the clinical case, morphology and bone quality, as well as the inclination of the implant, how to prepare the implant site.

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# INSTRUMENTS KIT CODE 624NA001



**1**  
**GUIDE SHAFT**  
502MA002 | Ø 2.5 mm

**2**  
**ANGLED WRENCH 30°**  
502MA003 | HEX 3.10

**3**  
**DEPTH GAUGE**  
540MA011 | Ø 1.8 mm L108 mm 30°

**4**  
**SURGICAL GUIDE BT4**  
502MA006 | (PIN Ø2.5mm)

**5**  
**TORQUE WRENCH JD, REVERSIBLE**  
501JD003 | 90 Ncm

**6**  
**BONE PROFILER HS (BT4)**  
435HS430 | Ø 4.3 mm L25 mm

**7**  
**SCREWDRIVER JD (BT4)**  
530JD021 | HEX 2.0 L10 mm  
530JD014 | HEX1.20 L15mm Slim Shank

**8**  
**PARALLELISM PIN (BT4)**  
540MA007 | M1.4 L26mm

**9**  
**BONE PROFILER GUIDE**  
435EN001 | EN  
435ER001 | ER  
435IR001 | IR  
435KR001 | KR  
435KW001 | KW

**1**  
**SHARP LANCE DRILL**  
401HR202 | Ø 2 mm L33 mm

**2**  
**TWIST DRILL**  
426HR200 | Ø 2 mm L36.5 mm

**3**  
**DRILLS**  
426HR270 | Ø 2,7 mm L36.5 mm  
426HR310 | Ø 2,75 - 3,10 mm L36.5 mm  
426HR345 | Ø 3,45 - 3,05 mm L36.5 mm  
426HR385 | Ø 3,85 - 3,4 mm L36.5 mm  
426HR420 | Ø 4.2 - 3.7 mm L36.8 mm  
426HR455 | Ø 4.55 - 4 mm L36.8 mm  
426HR540 | Ø 5.4 - 4.7 mm L36.8 mm  
426HR570 | Ø 5.7 - 4.95 mm L36.8 mm

**4**  
**COUNTERSINK ISY KONE INT-EXT**  
434HS330 | L31 mm  
Ø 3.3 mm (INT)  
Ø 3.7 mm (INT/EXT)  
434HS480 | L31 mm  
Ø 4.8 mm (INT)

**5**  
**PARALLELISM PIN/DEPTH GAUGE**  
540MA014 | Ø 2-2,5 mm  
L36 mm 2 pcs  
540MA019 | Ø 2-2,5 mm  
L26 mm 2 pcs

**6**  
**TAPS ISY KONE**  
467HR330 | Ø 3,3 mm L36 mm  
467HR370 | Ø 3,7 mm L36 mm  
467HR410 | Ø 4,1 mm L36 mm  
467HR480 | Ø 4,8 mm L36 mm

**TAPS BT SAFE**  
466HR330 | Ø 3.3 mm L31 mm  
466HR370 | Ø 3.7 mm L31 mm  
466HR410 | Ø 4.1 mm L31 mm  
466HR480 | Ø 4.8 mm L31 mm  
466HR600 | Ø 6 mm L31 mm

**7**  
**IMPLANT DRIVER**  
530HS013 | KR (SHORT) L23 mm  
530HL001 | KR (REGULAR) L33 mm  
530HS014 | KW (SHORT) L23 mm  
530HL002 | KW (REGULAR) L=33 mm  
530HS009 | IR-IW (SHORT) L26 mm  
530HS008 | IR-IW (REGULAR) L30 mm

**8**  
**DRILLS EXTENSION**  
520HS003 | L28 mm  
**9**  
**RETENTIVE WRENCH**  
530HS017 | HEX 3.10

**10**  
**SCREWDRIVER JD**  
530JD012 | HEX 0.90 L15 mm  
530JD005 | HEX 1.20 L15 mm  
**11**  
**MANUAL WRENCH - JD**  
530JD033 | ISO/HEX3.10-JD L10mm

**12**  
**DRILL STOP**  
518NA505 | H5 mm Snap Fit  
518NA506 | H6 mm Snap Fit  
518NA508 | H8 mm Snap Fit  
518NA510 | H10 mm Snap Fit  
518NA512 | H12 mm Snap Fit  
518NA514 | H14 mm Snap Fit  
518NA516 | H16 mm Snap Fit

518NA705 | H5 mm Snap Fit  
518NA706 | H6 mm Snap Fit  
518NA708 | H8 mm Snap Fit  
518NA710 | H10 mm Snap Fit  
518NA712 | H12 mm Snap Fit  
518NA714 | H14 mm Snap Fit  
518NA716 | H16 mm Snap Fit

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## BTK PERSONAL TUTOR

A program for individual case planning and execution supported by experienced professionals in order to leverage know-how and maximize clinical experience with the aim to achieve sustainable high patient satisfaction rates.

**BTK is always at your disposal for any request for further follow-up or information, promoting periodic and ad-hoc training course.**

## CERTIFIED QUALITY SYSTEM

BIOTEC is certified UNI EN ISO 9001  
and UNI EN ISO 13485.



CE marked product, in accordance with Directive 93/42/EEC and subsequent modifications and additions.

## MADE IN ITALY USED GLOBALLY



We constantly ensure that the quality of our products and services meet the high expectations of our customers and their patients.

Specialized professionals are taking care to offer comprehensive solutions in applied research, engineering, education and related activities.