www.V3-implant.com

The MIS Quality System complies with international quality standards: ISO 13485:2003 - Quality Management System for Medical Devices, ISO 9001: 2008 - Quality Management System and CE Directive for Medical Devices 93/42/EEC. MIS products are cleared for marketing in the USA and CE approved.

V3 By MIS

Implant System

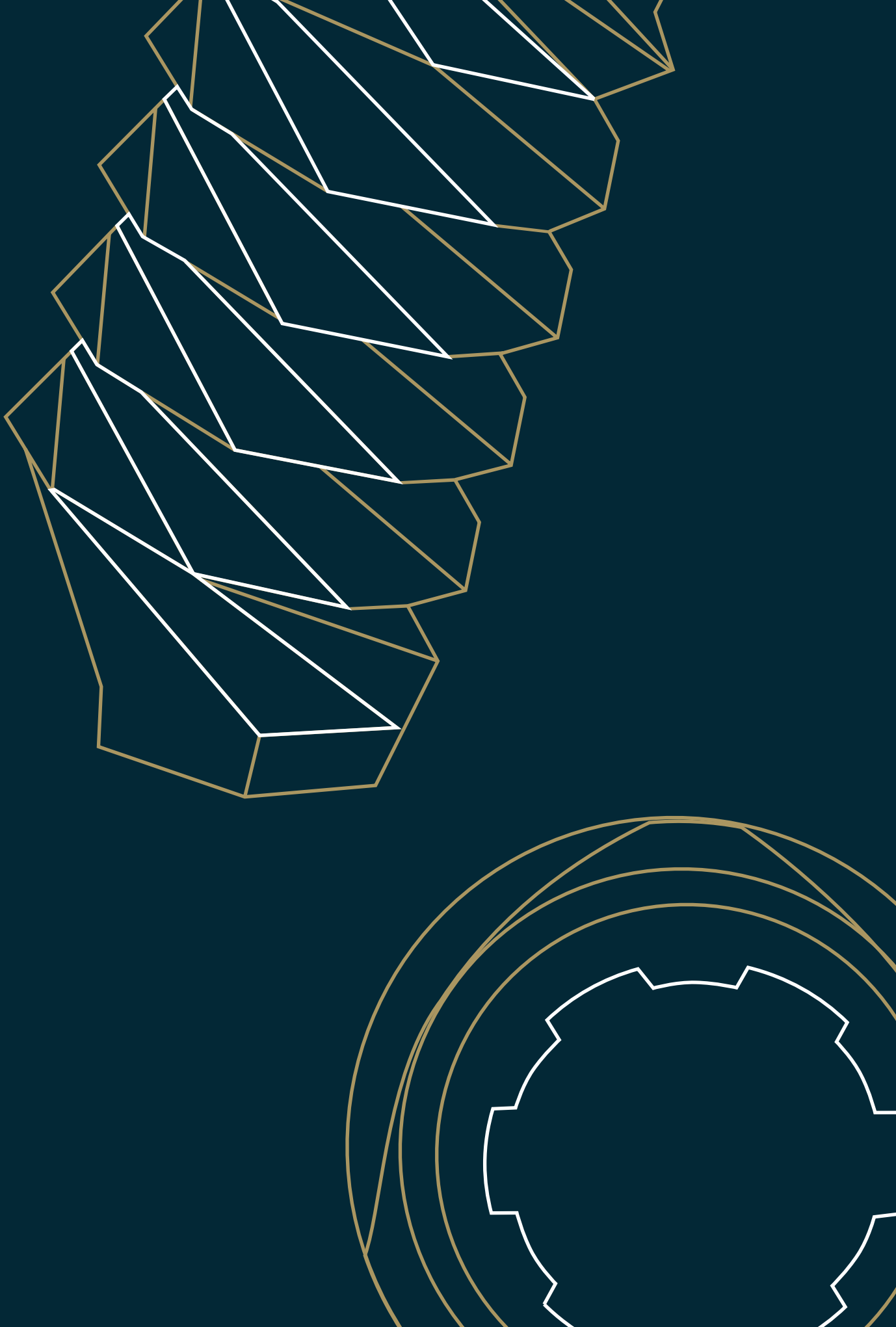
MIS Warranty:

MIS exercises great care and effort in maintaining the superior quality of its products. All MIS products are guaranteed to be free from defects in material and workmanship. However, should a customer find fault with any MIS product after using it according to the directions, the defective product will be replaced.

Warning: Products should be used by licensed dentists only.

Table of contents.

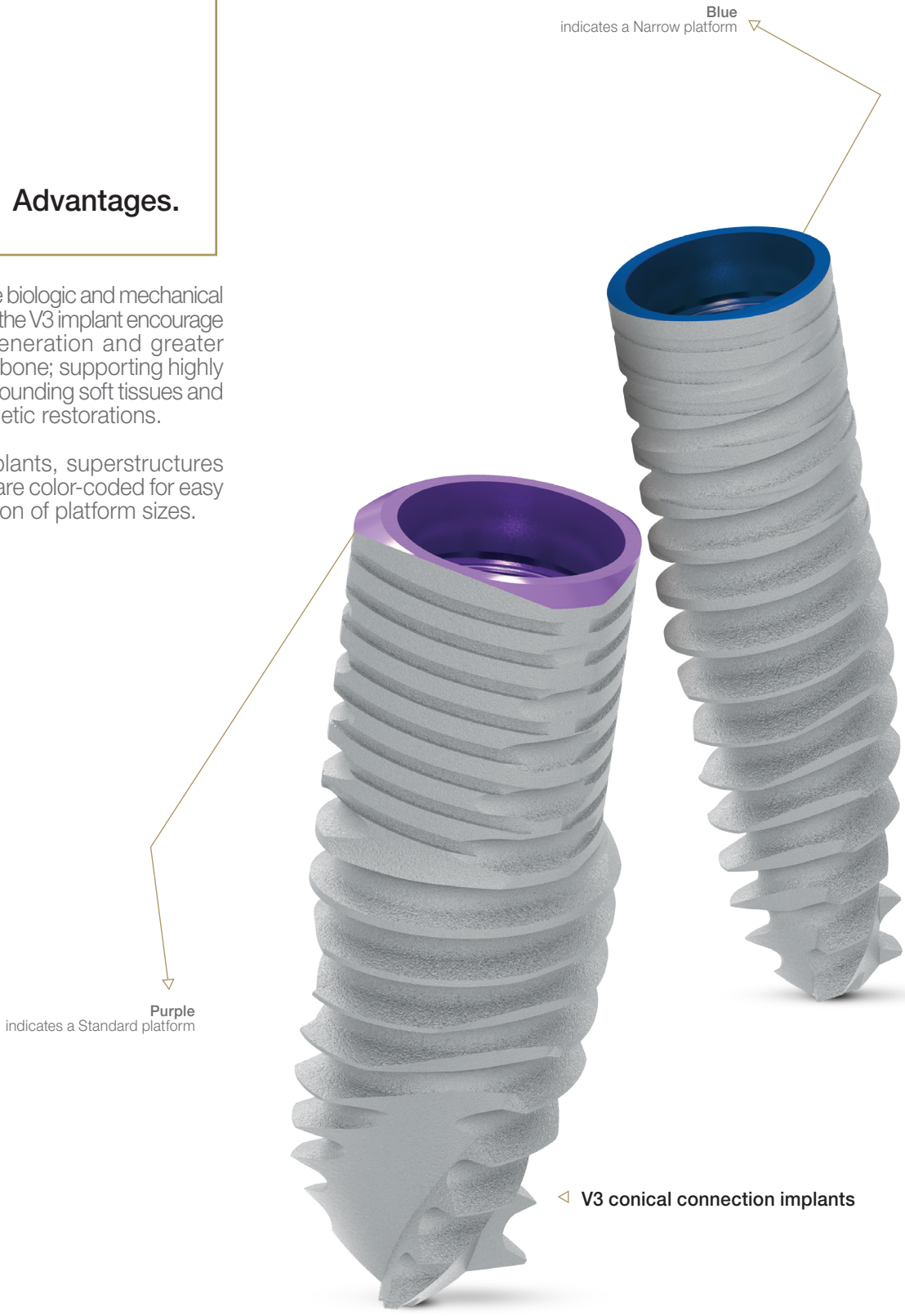
The V3 implant system is the outcome of an exceptionally high-level R&D process that has resulted in an implant that is simple, easy-to-use and offers enhanced functionality and performance. The V3 conical connection implant features built-in design characteristics that provide biological benefits for hard and soft tissues and promotes esthetic results.

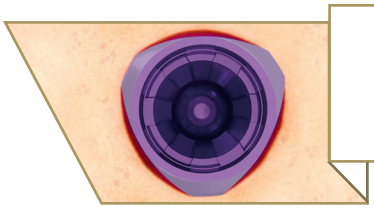


Advantages.

The unique biologic and mechanical features of the V3 implant encourage bone regeneration and greater volume of bone; supporting highly stable surrounding soft tissues and more esthetic restorations.

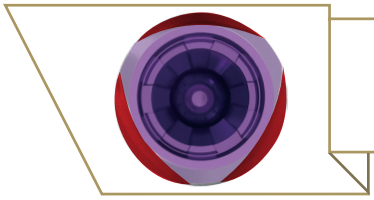
All V3 implants, superstructures and tools are color-coded for easy identification of platform sizes.





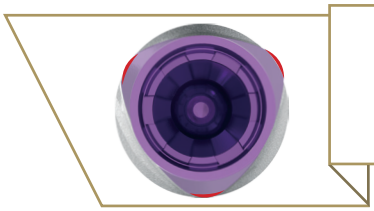
More bone

The compression-free gaps around the coronal area of the V3 provide a reservoir for blood pooling and the formation of blood clots, for faster implant integration and accelerated bone growth.



Stress reduction

The gaps around the sides of the implant neck result in an open, compression-free zone. Crestal bone loss is minimized by reducing stress in the cortical bone.

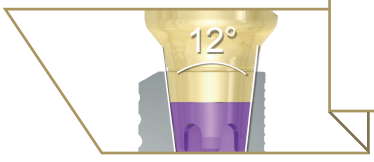


Implant neck

The triangular shape at the V3 neck provides high immediate crestal stability and maximum bone preservation. Anchorage is achieved at three points without compromising crestal primary stability.

Platform switching

The V3 incorporates platform switching to preserve the crestal bone around an implant for better bone preservation and to provide an excellent gingival seal for high soft tissue volume.

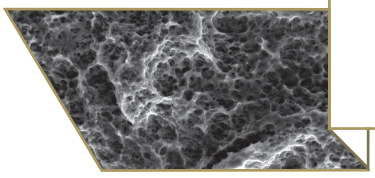


Conical connection

The 12° conical connection creates an ultimate seal and ideal connection between the implant and abutment with built-in platform switching, reducing micro-movements.

Micro-rings

Micro-rings on the neck of the implant assist in reducing bone stress and bone resorption, and increase BIC.



Surface treatment

The surface roughness and micro-morphology is a result of sandblasting and acid etching. This proven MIS surface technology provides excellent osseointegration resulting in long-lasting clinical success.

Flat apex

The flat apex allows good grip into bone, especially in immediate placement procedures.

V3

Screw type implant range

Narrow Platform

Length		10mm	11.5mm	13mm	16mm
Type		V3-10330	V3-11330	V3-13330	V3-16330
Ø3.30 mm					

Insertion Tools

CT-NSM30
V3 coni. con. short insertion tool for motor, SP

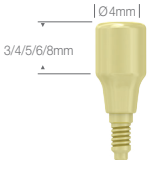
CT-NLM30
V3 coni. con. long insertion tool for motor, SP

CT-NSR30
V3 coni. con. short insertion tool for ratchet, NP

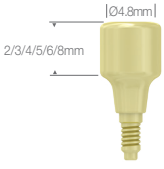
CT-NLR30
V3 coni. con. short insertion tool for ratchet, NP

Implant cover screw and healing caps

CC1-00277



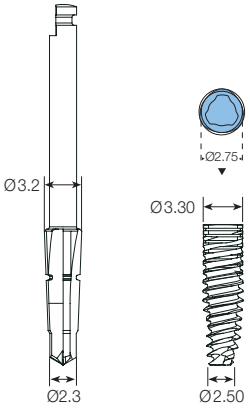
CN-HS340
CN-HS440
CN-HS540
CN-HS640
CN-HS840



CN-HA248
CN-HA348
CN-HA448
CN-HA548
CN-HA648
CN-HA848

V3

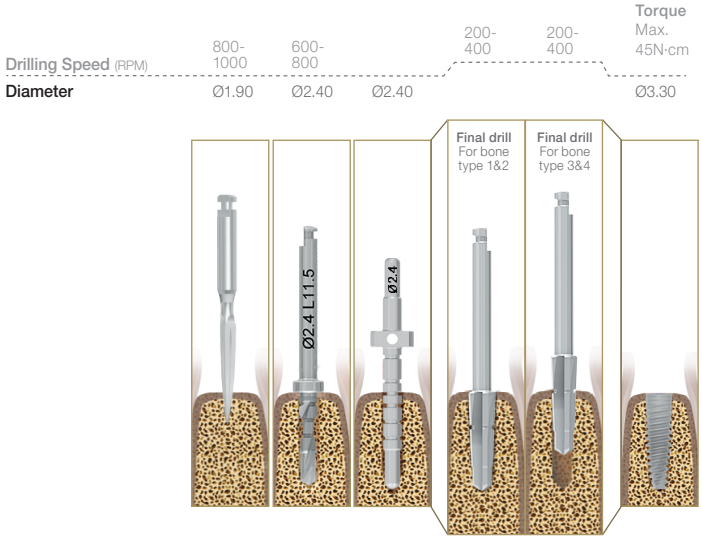
Ø3.30mm
Narrow Platform

Catalog No.	Dimensions	
V3-10330	Ø3.30mm length 10mm	
V3-11330	Ø3.30mm length 11.5mm	
V3-13330	Ø3.30mm length 13mm	
V3-16330	Ø3.30mm length 16mm	

Titanium Alloy Ti 6Al 4V ELI

Sand-Blasted and Acid-Etched

Ø3.30mm Implant Procedure



- The drilling sequence is illustrated using 11.50mm implants.
- Procedure recommended by MIS cannot replace the judgment and professional experience of the surgeon.

V3

Screw type implant range

Standard Platform

Length	8mm	10mm	11.5mm	13mm	16mm
Type **Ø3.90 mm**	V3-08390 	V3-10390 	V3-11390 	V3-13390 	V3-16390 
Ø4.30 mm	V3-08430 	V3-10430 	V3-11430 	V3-13430 	V3-16430 
Ø5 mm	V3-08500 	V3-10500 	V3-11500 	V3-13500 	V3-16500 

Insertion Tools

CT-SSM30
V3 coni. con. short insertion tool for motor, SP

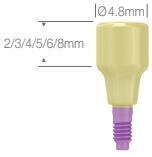
CT-SLM30
V3 coni. con. long insertion tool for motor, SP

CT-SSR30
V3 coni. con. short insertion tool for ratchet, SP

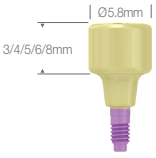
CT-SLR30
V3 coni. con. long insertion tool for ratchet, SP

Implant cover screw and healing caps

CC1-00315



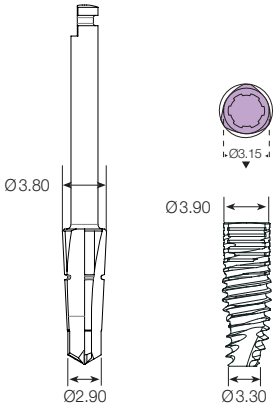
CS-HS248
CS-HS348
CS-HS448
CS-HS548
CS-HS648
CS-HS848



VS-HS358
VS-HS458
VS-HS558
VS-HS658
VS-HS858

V3

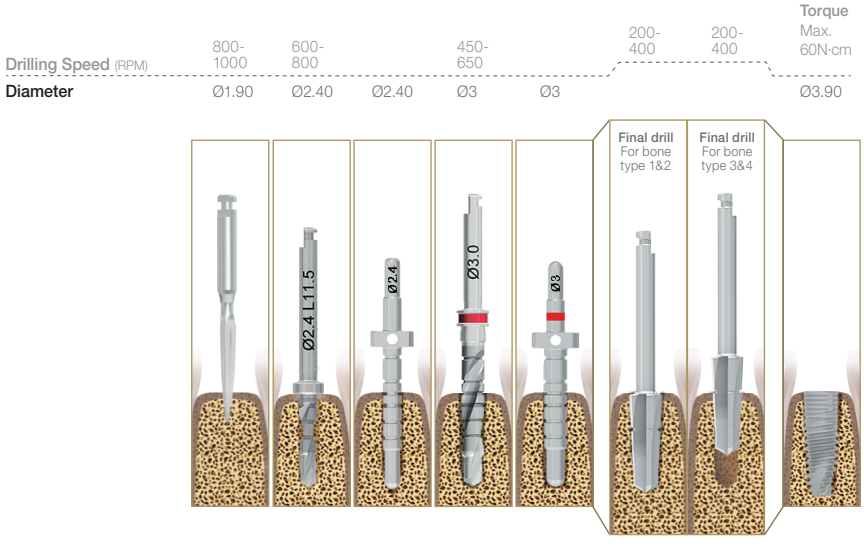
Ø3.90mm
Standard Platform

Catalog No.	Dimensions	
V3-08390	Ø3.90mm length 8mm	
V3-10390	Ø3.90mm length 10mm	
V3-11390	Ø3.90mm length 11.5mm	
V3-13390	Ø3.90mm length 13mm	
V3-16390	Ø3.90mm length 16mm	

Titanium Alloy Ti 6Al 4V ELI

Sand-Blasted and Acid-Etched

Ø3.90mm Implant Procedure



- The drilling sequence is illustrated using 11.50mm implants.
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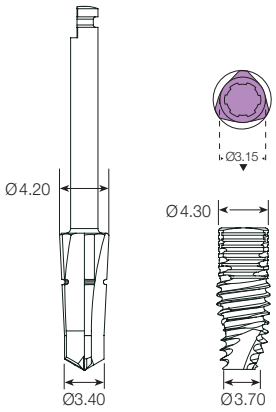
V3

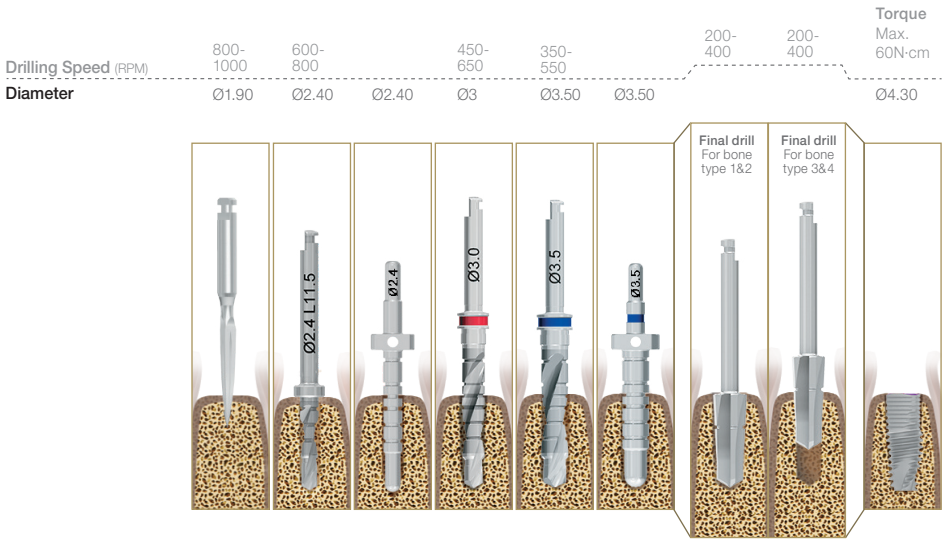
Ø4.30mm
Standard Platform

Catalog No.	Dimensions	
V3-08430	Ø4.30mm length 8mm	
V3-10430	Ø4.30mm length 10mm	
V3-11430	Ø4.30mm length 11.5mm	
V3-13430	Ø4.30mm length 13mm	
V3-16430	Ø4.30mm length 16mm	

Titanium Alloy Ti 6Al 4V ELI

Sand-Blasted and Acid-Etched

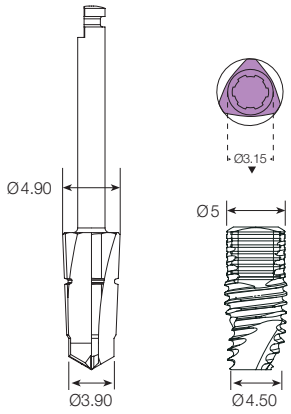
Ø4.30mm Implant Procedure



- The drilling sequence is illustrated using 11.50mm implants.
- Procedure recommended by MIS cannot replace the judgment and professional experience of the surgeon.

V3

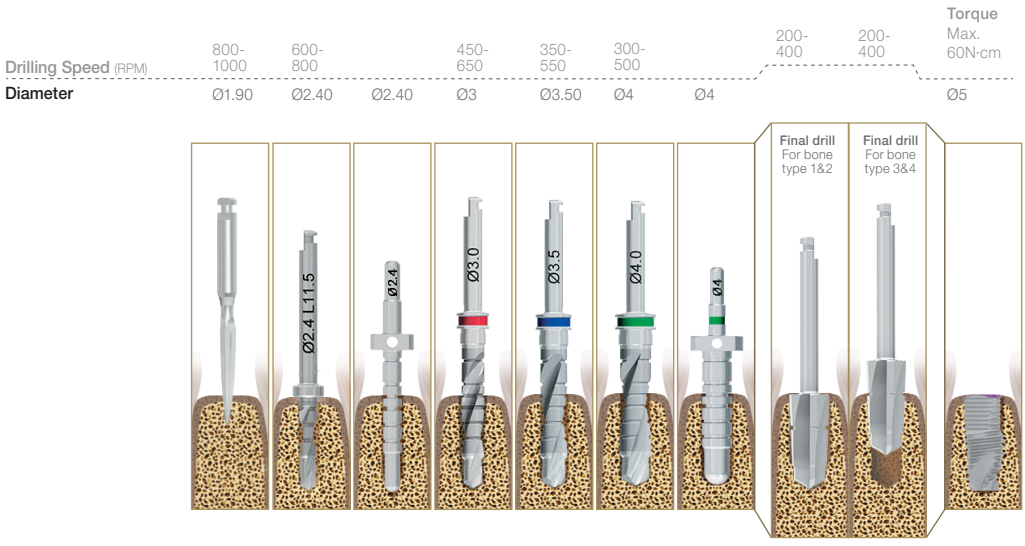
Ø5mm
Standard Platform

Catalog No.	Dimensions	
V3-08500	Ø5mm length 8mm	
V3-10500	Ø5mm length 10mm	
V3-11500	Ø5mm length 11.5mm	
V3-13500	Ø5mm length 13mm	
V3-16500	Ø5mm length 16mm	

Titanium Alloy Ti 6Al 4V ELI

Sand-Blasted and Acid-Etched

Ø5mm Implant Procedure



- The drilling sequence is illustrated using 11.50mm implants.
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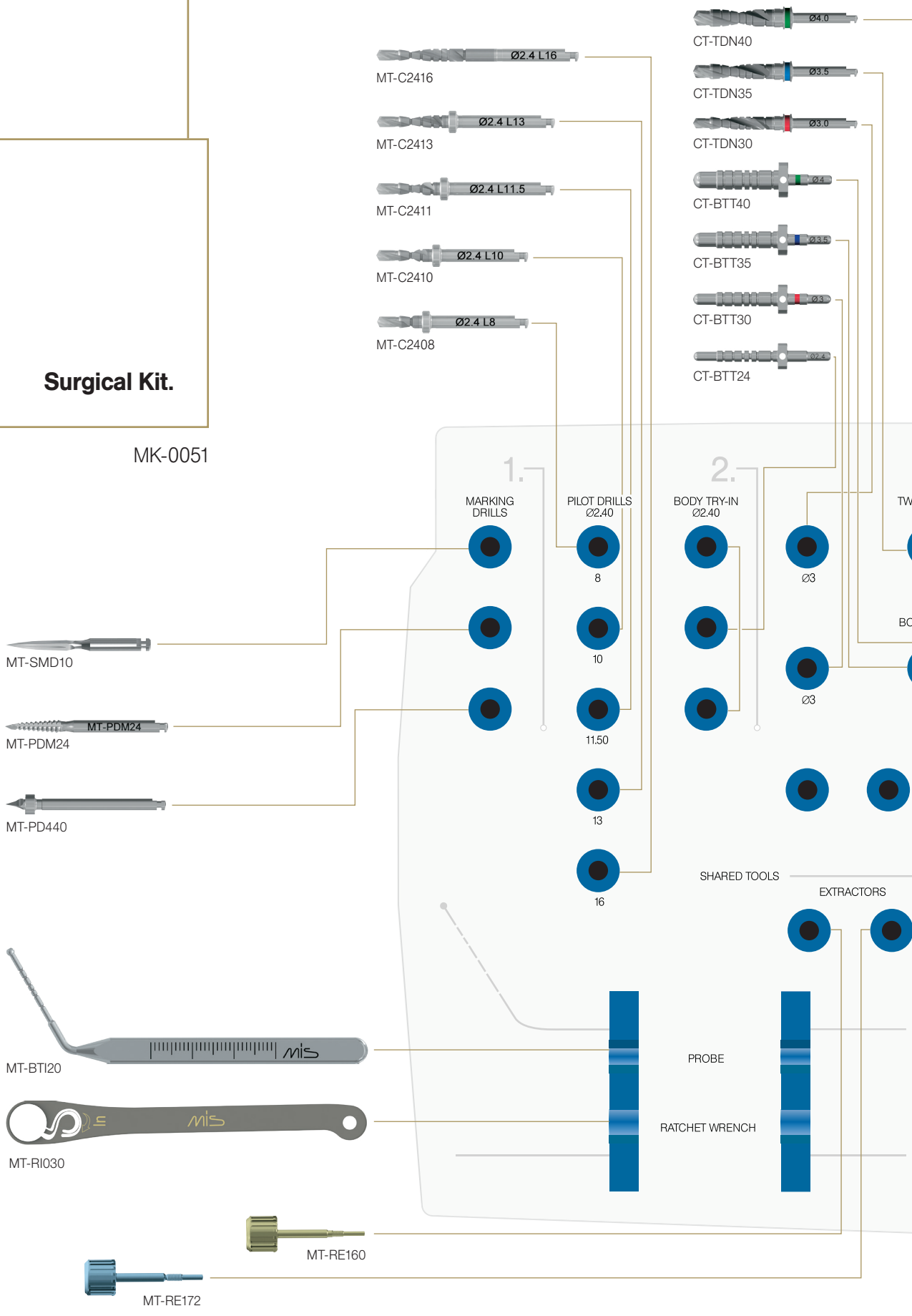
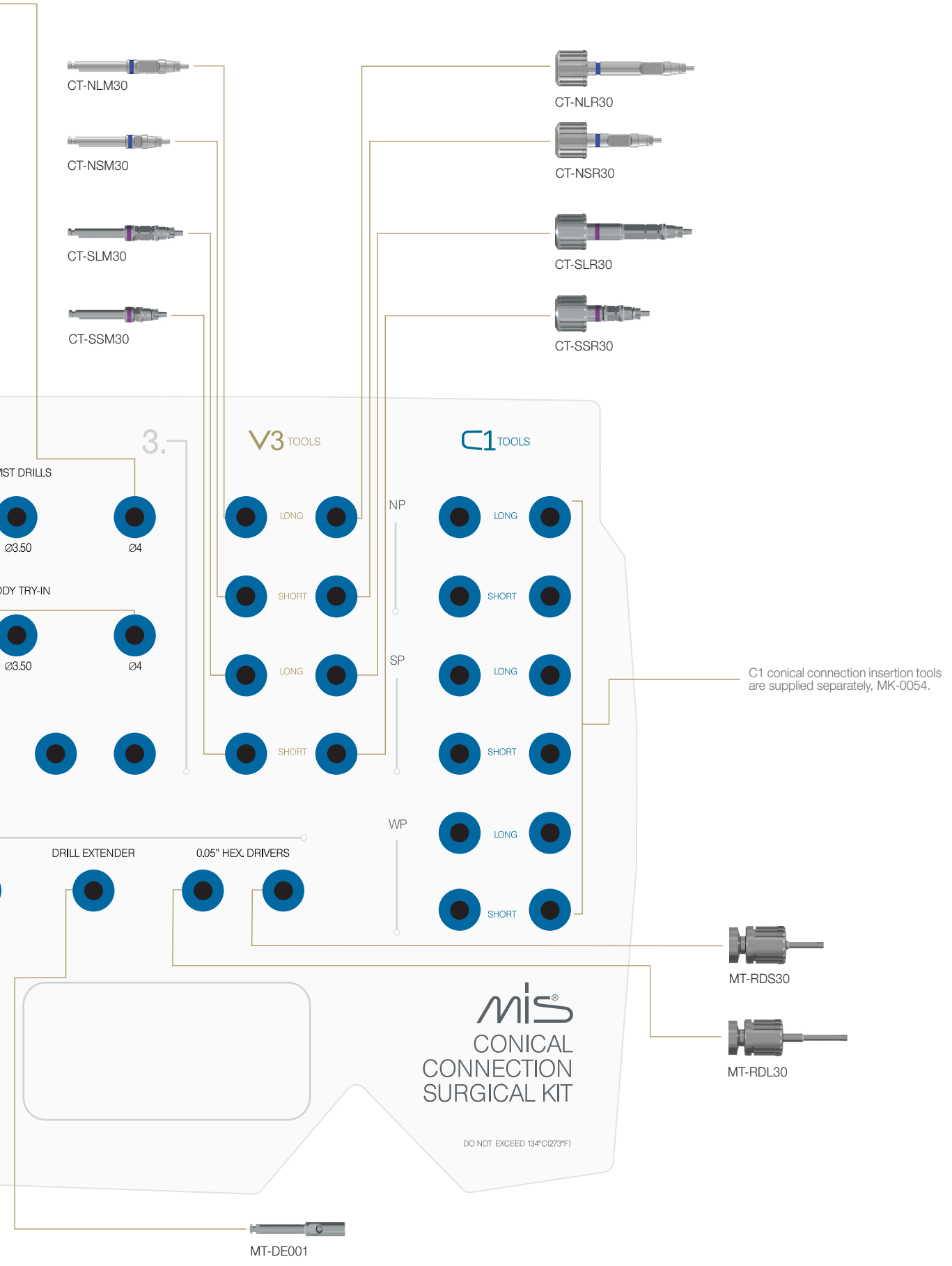
14.

Surgical Kit.

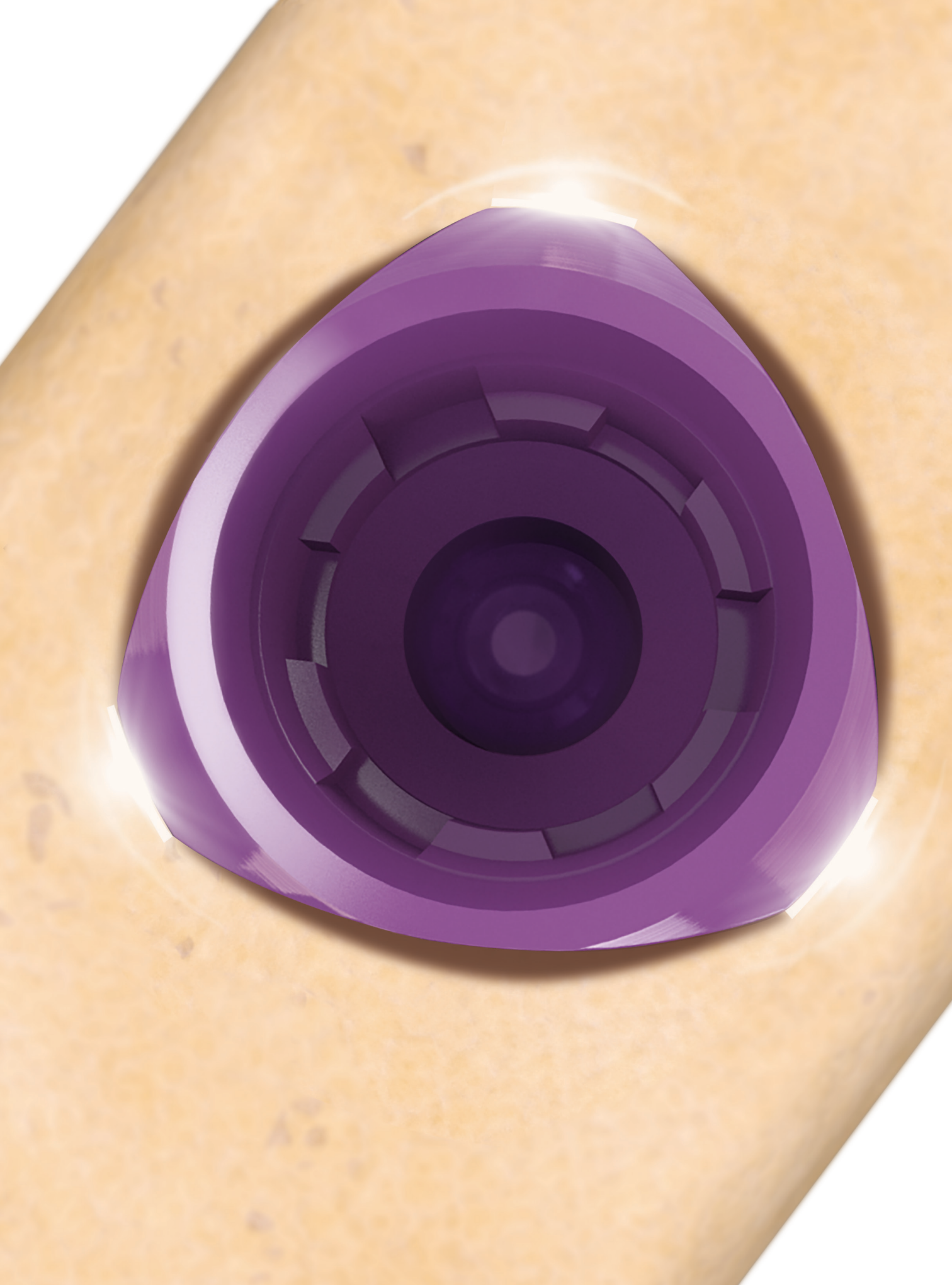
MK-0051




CT-NLM30
CT-NSM30
CT-SLM30
CT-SSM30
CT-NLR30
CT-NSR30
CT-SLR30
CT-SSR30
3.
V3 TOOLS
C1 TOOLS
IST DRILLS
Ø3.50
Ø4
DY TRY-IN
Ø3.50
Ø4
LONG
SHORT
LONG
SHORT
NP
SP
WP
LONG
SHORT
LONG
SHORT
LONG
SHORT
DRILL EXTENDER
0.05" HEX. DRIVERS
C1 conical connection insertion tools are supplied separately, MK-0054.
MT-RDS30
MT-RDL30
mis®
CONICAL CONNECTION SURGICAL KIT
DO NOT EXCEED 134°C(273°F)
MT-DE001

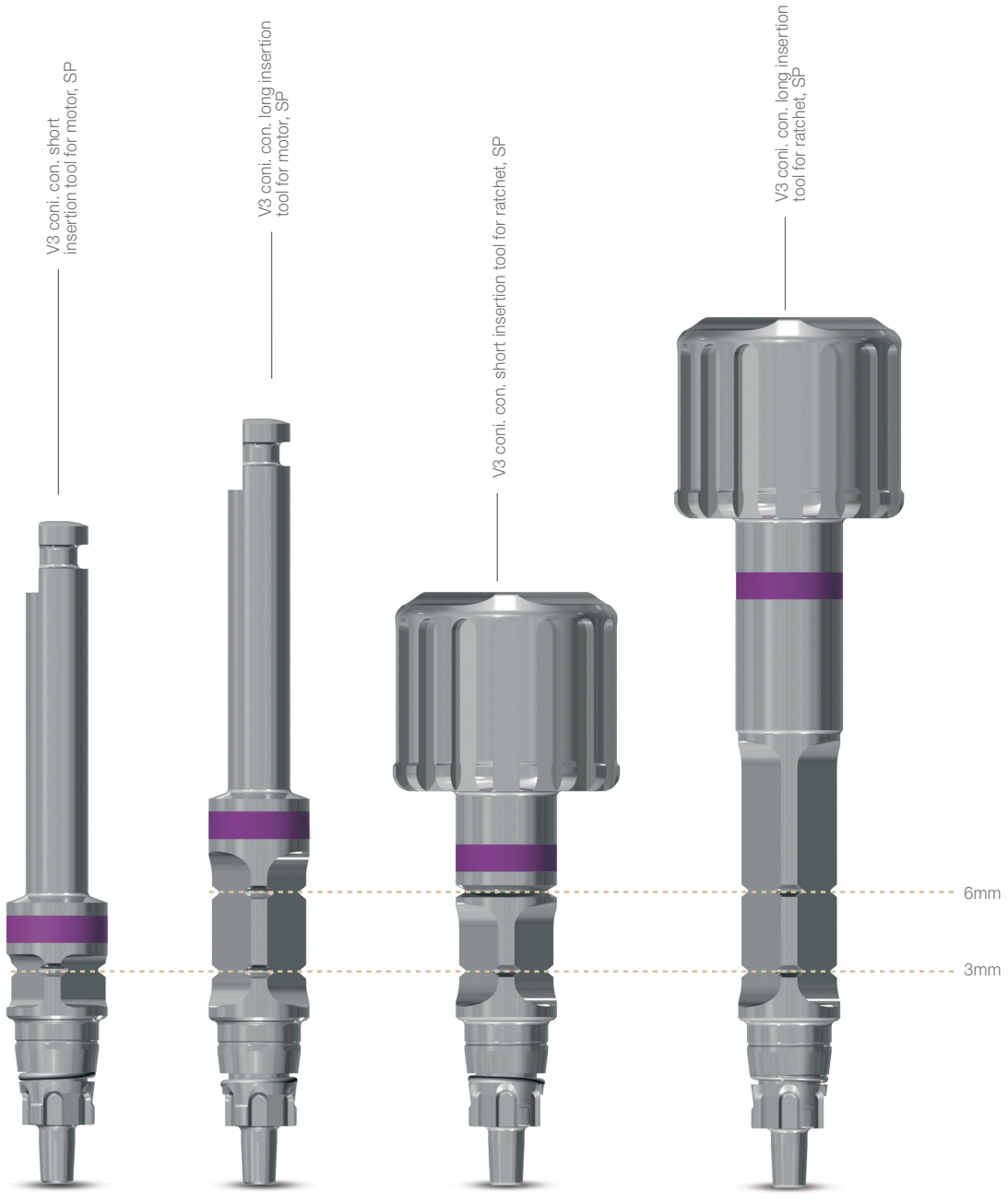
Significant Gain of Bone Volume.

The unique triangular-shape of the V3 implant's coronal portion encourages bone regeneration and furthers the gain of greater volume of bone; supporting highly stable surrounding soft tissues and resulting in more esthetic restorations. This triangular design provides solid anchorage at three points in the crestal area while forming gaps between the remaining sides of the implant neck and the osteotomy, resulting in a compression-free zone, where a stable blood clot can more easily be achieved. The ingenious combination of compression-free gaps with a firm anchorage is critical in order to establish a stable blood clot; the first step towards a successful osseo-integration process: Hemostasis Phase > Proliferative Phase > Remodeling Phase. This initial gain of bone volume is a highly advantageous starting point.



Keys & Adapters.

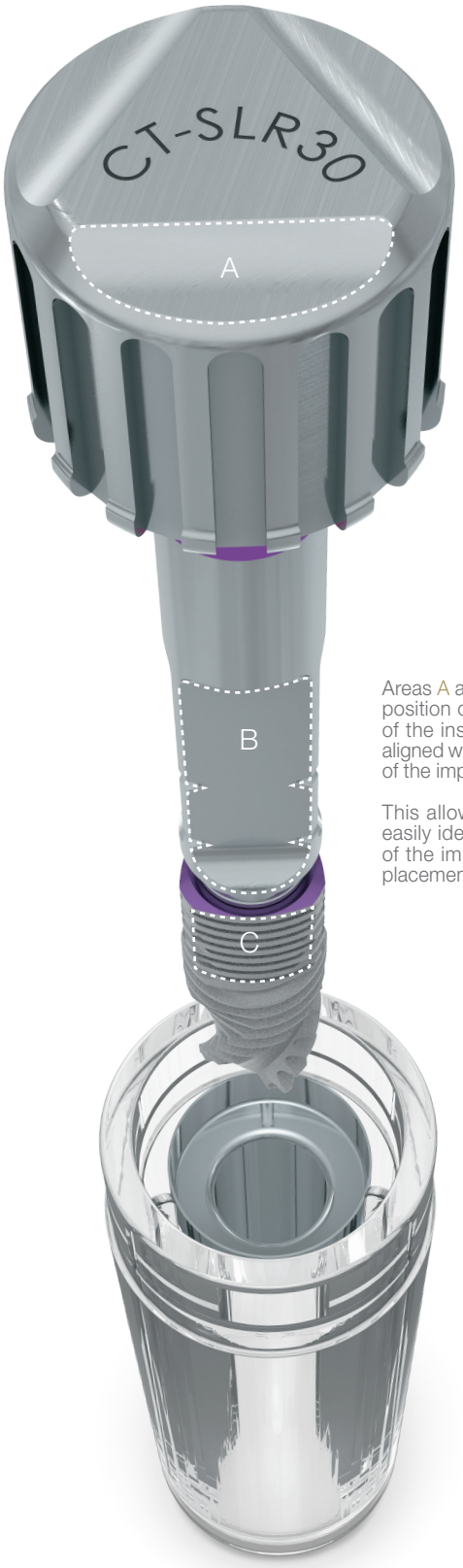
V3 implant placement tools are specifically designed to enable quick, reliable implant placement procedure.



Standard platform tools shown

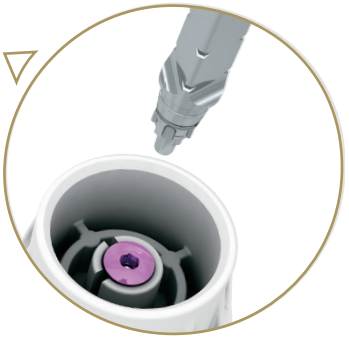
Insertion Tools.

The advanced insertion tool system allows secure implant placement without the use of a mount.



Areas A and B indicate the position of the flat surface of the insertion tool to be aligned with the flat surface of the implant C.

This allows the dentist to easily identify the flat side of the implant for desired placement.



The insertion tool allows the delivery of a cover screw or a healing cap onto the implant after insertion.

Package Contents.

Each V3 implant comes with a sterile cover screw and single-use final drill, suitable for all drilling protocols.

The sterile inner tube is fitted with a special titanium sleeve that has an anti-rotation grip, to ensure easy engagement between the insertion tool and the implant.

Packaging.

Providing a simple, immediate identification of implant type, length and diameter, the V3 package is well-designed for ease-of-use during surgical procedures.

Implant diameter & platform indication

The outer tube is color-coded indicating the implant platform. The numeric indication specifies the implant diameter and length.

Prosthetic platform indication

Prosthetic components are marked by specific colors, representing platform sizes.

A double packing system ensures sterilization and safety. Packages are designed for convenience during surgery and for use with surgical gloves.

Implant identification markings

Quick identification of implant size and length. Sticker on the box lid, specifies implant diameter, length and platform size

Easy pull tab

The convenient pull tab facilitates quick and easy opening during surgery.

Logical storage

Packages fit perfectly into clinic drawers for space-saving storage and easy identification.