

Zenex Multi & Plus Kit Zenex Superwide Kit

Zenex Multi & Plus Kit

Zenex Superwide Kit

IZEN
I M P L A N T
izenimplant Co.,Ltd.

IZ-CAT-05 Rev.00 (06/20)

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Z E N E X MULTI&PLUS K I T

012 Zenex Superwide Kit

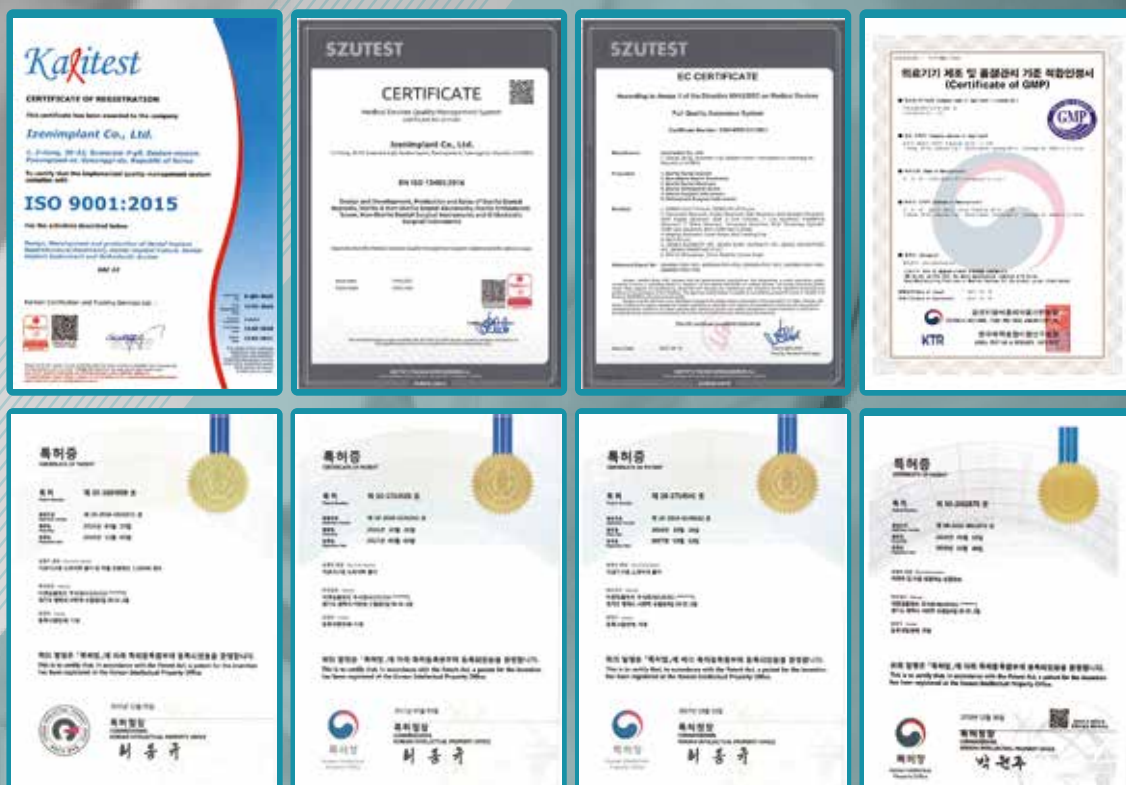
A hand wearing a white surgical glove is holding a small, cylindrical dental implant component with a threaded top. The background is a light blue and white geometric pattern with diagonal lines.

IZEN Implant, innovative technology in pursuit of **bright smile**

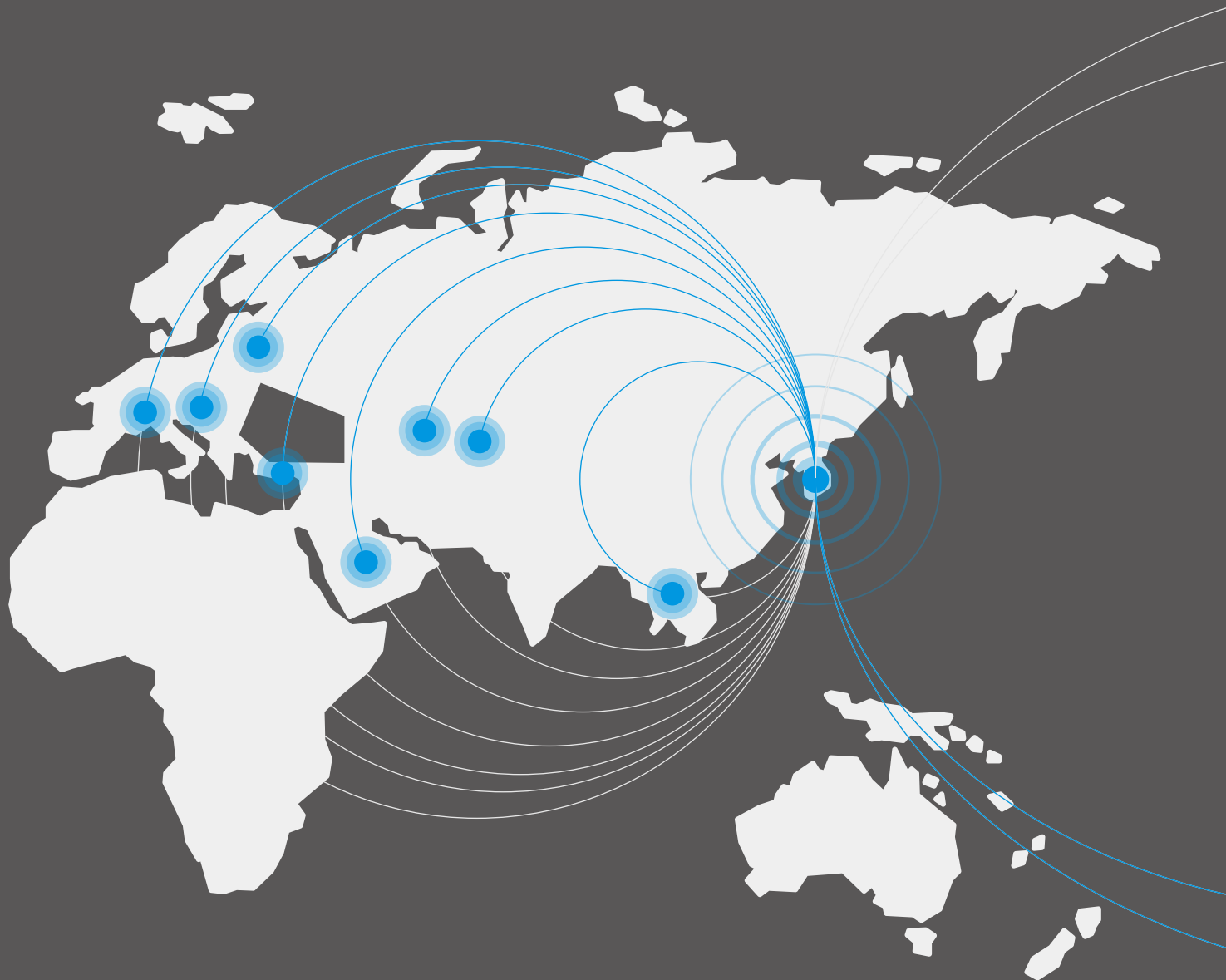
Established in 2016 by developers and researchers who have spent more than 20 years on research and development in dental implants, IZEN Implant have working on developing innovative products to provide the best result to patients. We will continue to grow into a company that meets customers' needs with safe and excellent products made of trust and continuous research and development.

IZEN Implant provides more convenient, stable, and optimized implant system by building product line-up with high-end technology of Zenex Multi and Zenex Plus.

Certification



History & Global Network



2016. 03

Foundation of IZEN Implant

2016. 06

Acquisition of manufacturing licenses for medical devices
Report medical device items
(Screw driver for dental implant surgery, No. 16-760)

2016. 12

Patent registration
(Driver holder and driver apparatus for dental engineering, No. 10-1684959)

2017. 03

Patent registration
(Driver holder for dental apparatus, No. 10-1714533, No. 10-1714541)

2018. 08

Venture Business Certificate
(No. 20180110278)

2018. 09

Foundation of Corporate
Affiliated Research Institute (No. 2018114470)

2019. 06

Acquisition of small businesses
technology development project
(Development of Dental implant abutments and scan body for

2019. 11

Acquisition of ISO13485:2016
(GIS-4058-MD)



2017. 09

Registration of medical devices
(Apparatus for dental implant
surgery, No. 17-1033)

2018. 03

Certification of medical
device items compliance with
manufacturing and quality
control standards (KGMP)

2018. 04

Medical Device Item Certification
(Dental implant abutments, No.
18-4268)

2018. 07

Acquisition of ISO 9001 : 2015
(K-GM-4699)

2019. 12

Patent registration
(Abutment and dental implant,
No. 10-2062575)

Kit Contents

Zenex
Superwide Kit
012

A clear plastic tray containing a variety of small, colorful drill bits and accessories.

Guide
Drill
014

A long, thin metal drill bit with a central guide hole.

Lindemann
Drill
014

A long, thin metal drill bit with a standard double-flute design.

Drill
Extension
015

A long, thin metal drill bit with a standard double-flute design.

Step
Drill
015

A metal drill bit with a stepped design, featuring multiple cutting edges.

Cortical
Drill
016

A metal drill bit with a specialized design for cortical bone drilling.

Direction
Pin
016

A metal pin with a conical, multi-fluted tip for precise directional drilling.

Parallel
Pin
017

A metal pin with a long, straight shaft and a small, flat tip.

Fixture
Driver
017

Two metal drivers with green handles, designed for use with a fixture.

1.2 Hex
Driver
019

A metal driver with a green handle and a hexagonal tip.

Torque
Wrench
019

A metal torque wrench with a long handle and a small, flat tip.

Depth
Gauge
020

A metal depth gauge with a long, thin shaft and a small, flat tip.

IZEN
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009
ZENEX
KIT

IZEN

I M P L A N T

ZENEX SUPERWIDE KIT

012 ZENEX
KIT



Zenex Superwide Kit

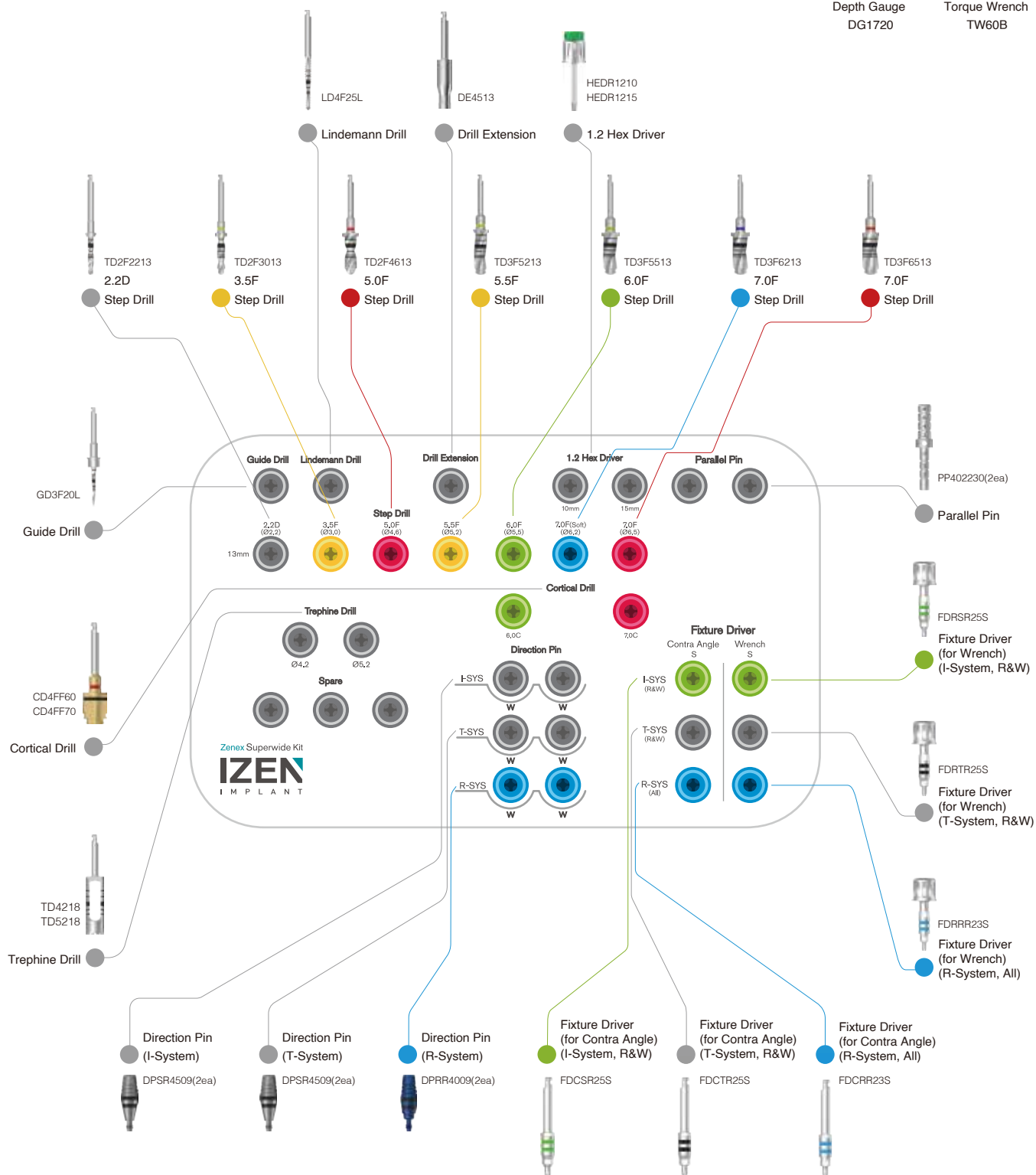
Composition on lower kit tray



Depth Gauge
DG1720



Torque Wrench
TW60B

013 ZENEX
KIT

Zenex Superwide Kit Instruments

Guide Drill

- Drill to mark base hole on the bone for easy initial drilling
- Available to control drilling depth by using with stopper
- Product Code in the Kit: GD3F20L

D (mm)	Ø1.5 / Ø2.0
Short	GD3F20S
Long	GD3F20L



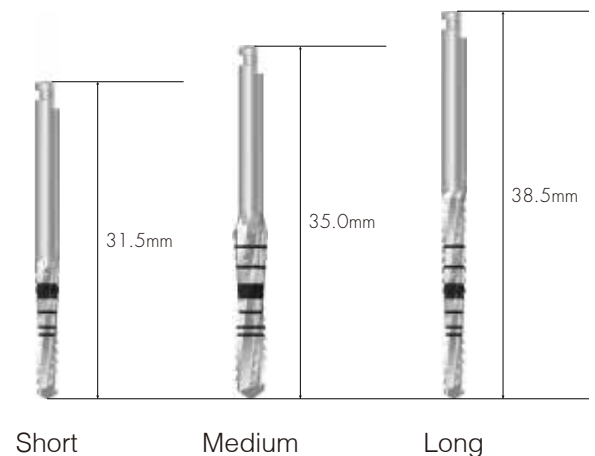
014
ZENEX
KIT

Lindemann Drill

- Outward blades allow side cutting during drilling
- Available to use when removing ridge part of extraction socket
- Product Code in the Kit: LD4F25L

D (mm)	Ø1.5 / Ø2.0	Ø2.0 / Ø2.5
Short	LD4F20S	LD4F25S
Long	LD4F20L	LD4F25L

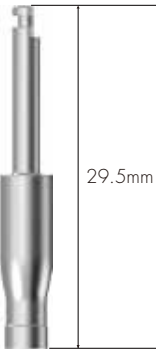
D (mm)	Ø3.0 / Ø3.5
Medium	LD4F35M



Drill Extension

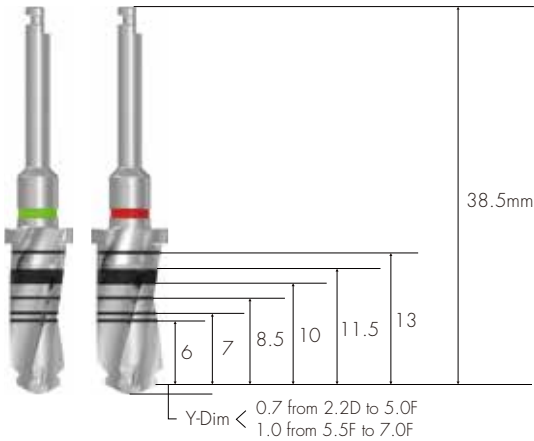
- Lengthen surgical instrument in use by connecting to drill and Implant motor
- Be sure to use after accurate connection to prevent product detachment or bending that connected to Drill Extension

DE4513



Step Drill

- Straight drill to shorten surgery steps
 - As stopper is applied in the drill, secure to use although depth control may be difficult due to excellent cutting power
 - Colored line on grip part of drill indicates diameter of drill and matching fixture size.
 - The length of 13mm step drill is applied only in the kit.
- ※ TD3F6213: Only use for drilling on soft bone when Ø 7.0 fixture is placed.



015
ZENEX
KIT

D (mm)	2.2D (Ø1.8 / Ø2.2)	3.5F (Ø2.2 / Ø3.0)	5.0F (Ø3.0 / Ø4.1 / Ø4.6)
	TD2F2213	TD2F3013	TD2F4613
D (mm)	5.5F (Ø4.6 / Ø5.2)	6.0F (Ø4.6 / Ø5.5)	7.0F (Ø5.5 / Ø6.2)
	TD3F5213	TD3F5513	TD3F6213
D (mm)	7.0F (Ø5.5 / Ø6.5)		
	TD3F6513		

Zenex Superwide Kit Instruments

Cortical Drill

- Drill used for removing cortical bone from hard bone
- Drill to the bottom of each marking line
- In case of Wide fixture (more than Ø6.0) placement, use only for hard bone case.

	6.0C	7.0C
	CD4FF60	CD4FF70
COLOR	Green	Red



Direction Pin

- Confirm gingiva height and path after implant placement
 - DPSR4509: Available to use in case of Zenex I-System (Regular & Wide) and Zenex T-System (Regular & Wide)
 - 2 pins of each system are included in the kit, in accordance with fixture system.
- The user may choose the product, matching with the system

I-System $\overline{\text{Ø4.5}}$



DPSR4509

COLOR Metal

※ Only for I-System

T-System $\overline{\text{Ø4.5}}$



DPSR4509

COLOR Metal

※ Only for T-System

R-System $\overline{\text{Ø4.0}}$



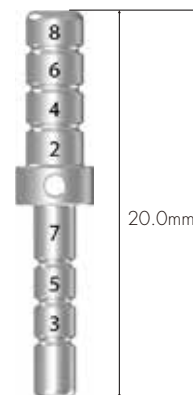
DPRR4009

COLOR Blue

※ Only for R-System

Parallel Pin

- Used for confirmation of drilling depth and path
- Available to use after drilling with Ø2.2 Drill and Ø3.0 drill
- Composition in the kit: PP402230 (2 ea)



D (mm)	Ø3.5	Ø4.0	Ø5.0	Ø6.0
	PP352230	PP402230	PP502230	PP602230

Fixture Driver

- For Contra Angle: Directly attached to fixture by connecting to handpiece when using Implant motor
- For Wrench: Directly attached to fixture by using Torque Wrench
- Two-staged coloring enables measurement up to 5mm height at 1mm interval
- Be sure to use after accurate connection because once used with incorrectly connected driver, it is impossible to remove fixture
- Be sure to use accurate fixture driver according to the system of fixture.
- Short type of fixture driver is included only

I-System ※ Only for I-System

Contra Angle

Wrench



M/R/W

M/R/W

Short
COLOR

FDCSR25S
Green

FDRSR25S
Green

Zenex Superwide Kit Instruments

T-System ※ Only for T-System

Contra Angle



R/W

Short
COLOR

FDCTR25S
Black

Wrench



R/W

FDRTR25S
Black

R-System ※ Only for R-System

Contra Angle



M/R/W

Short
COLOR

FDCRR23S
Blue

Wrench



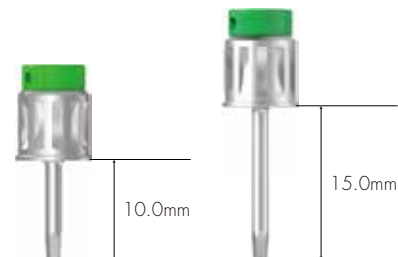
M/R/W

FDRRR23S
Blue

1.2 Hex Driver

- Driver for connecting with Torque Wrench
- Used for connecting to cover screw and surgical instrument with 1.2 Hex
- Follow recommended tightening torque calculation value
- Be sure to check transformation of Hex tip before use

L (mm)	10.0	15.0
	HEDR1210	HEDR1215



Torque Wrench

- Used for placing fixture and tightening implant abutments and screws
- Confirm torque calculation value by pulling the bar to be aligned with the marked line
- Recommended to use by pressing head to prevent detachment of Torque Wrench and surgical instruments



TW60B

Zenex Superwide Kit Instruments

Depth Gauge

- Measuring drilling depth
- Measurable depth: 6~20mm

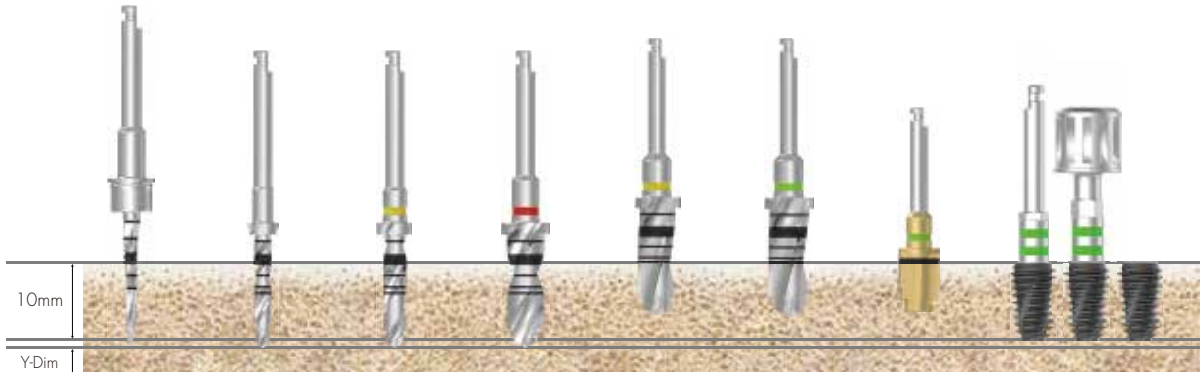


DG1720

Drilling Sequence

Ø 6.0mm Fixture

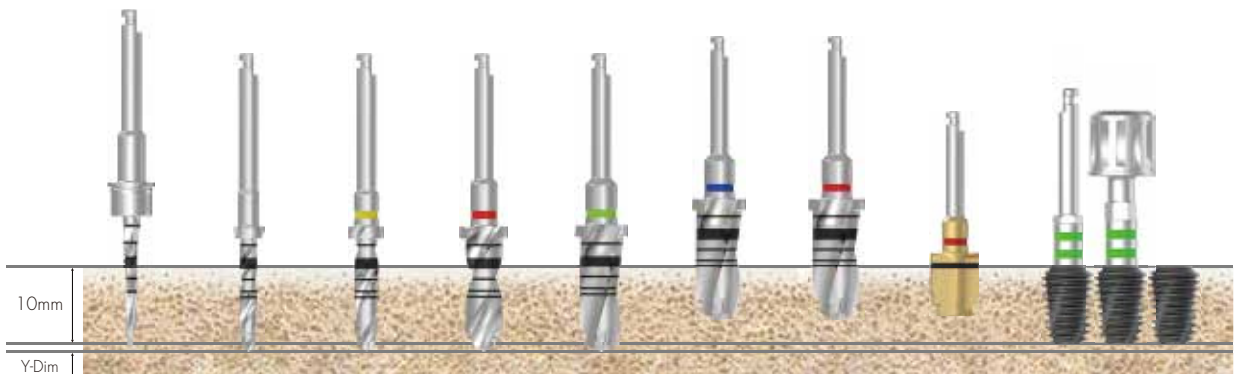
(Zenex Multi I-System Wide)



Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø4.6)	Step Drill (Ø5.2)	Step Drill (Ø5.5)	Cortical Drill	Ø6.0 Fixture
Soft	▶	▶	▶	▶	▶ (6mm)			Implant Placement
Normal	▶	▶	▶	▶		▶ (6mm)		
Hard	▶	▶	▶	▶		▶ (6mm)	▶	

Ø 7.0mm Fixture

(Zenex Multi I-System Wide)

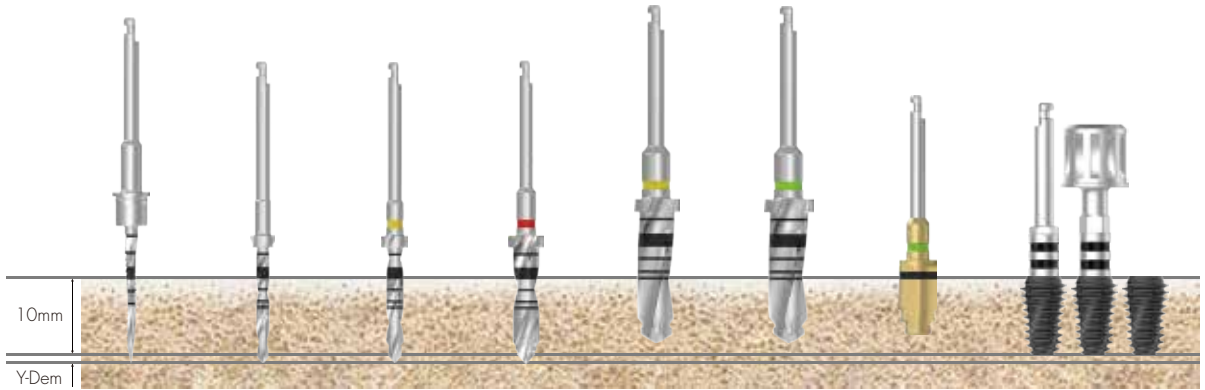


Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø4.6)	Step Drill (Ø5.5)	Step Drill (Ø6.2)	Step Drill (Ø6.5)	Cortical Drill	Ø7.0 Fixture
Soft	▶	▶	▶	▶	▶	▶ (6mm)			Implant Placement
Normal	▶	▶	▶	▶	▶		▶ (6mm)		
Hard	▶	▶	▶	▶	▶		▶ (6mm)	▶	

Drilling Sequence

Ø 6.0mm Fixture

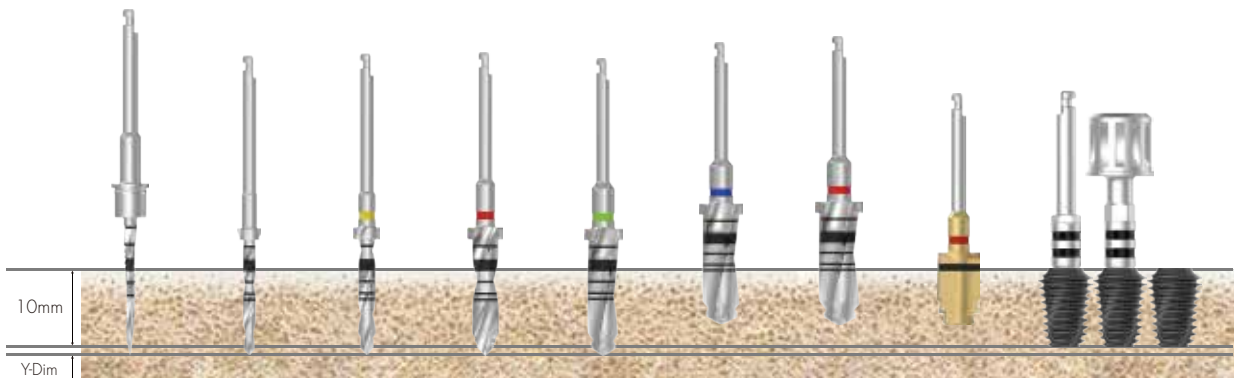
(Zenex Multi T-System wide)



Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø4.6)	Step Drill (Ø5.2)	Step Drill (Ø5.5)	Cortical Drill	Ø6.0 Fixture
Soft	▶	▶	▶	▶	▶ (6mm)			Implant Placement
Normal	▶	▶	▶	▶		▶ (6mm)		
Hard	▶	▶	▶	▶		▶ (6mm)	▶	

Ø 7.0mm Fixture

(Zenex Multi T-System wide)

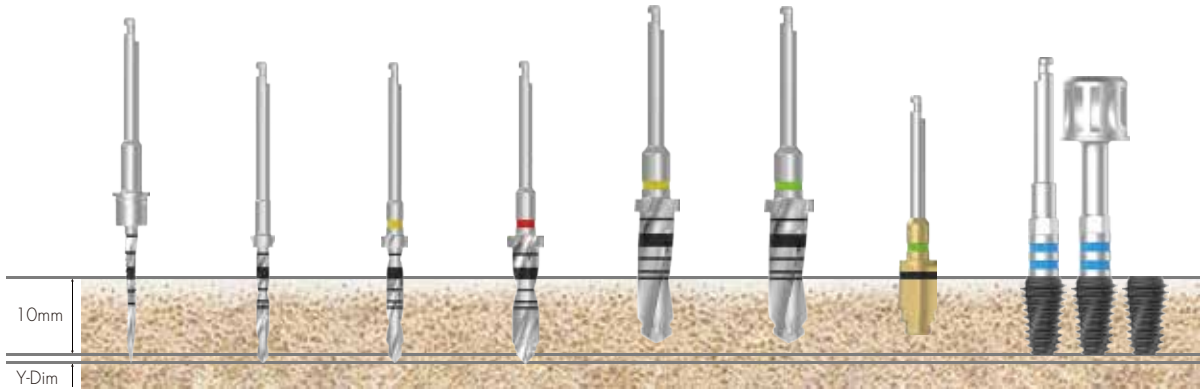


Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø4.6)	Step Drill (Ø5.5)	Step Drill (Ø6.2)	Step Drill (Ø6.5)	Cortical Drill	Ø7.0 Fixture
Soft	▶	▶	▶	▶	▶	▶ (6mm)			Implant Placement
Normal	▶	▶	▶	▶	▶		▶ (6mm)		
Hard	▶	▶	▶	▶	▶		▶ (6mm)	▶	

Drilling Sequence

Ø 6.0mm Fixture

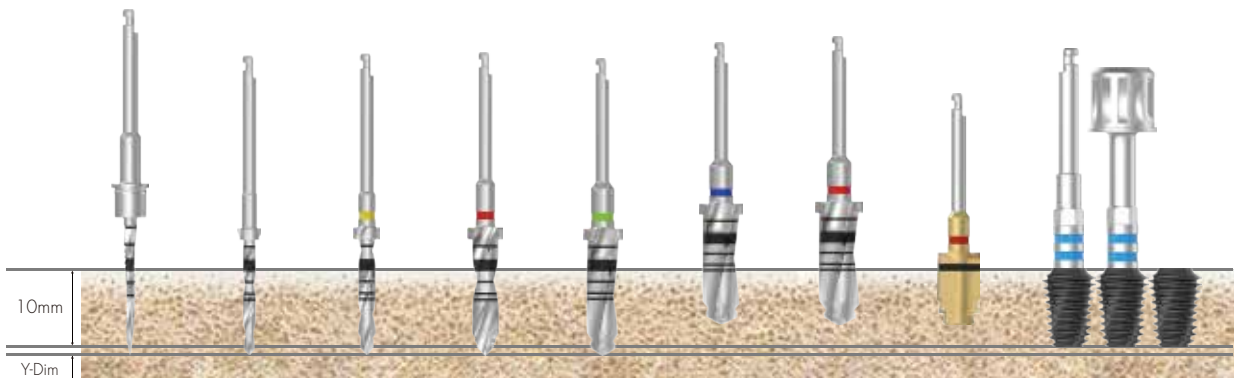
(Zenex Multi R-System wide)



Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø4.6)	Step Drill (Ø5.2)	Step Drill (Ø5.5)	Cortical Drill	Ø6.0 Fixture
Soft	▶	▶	▶	▶	▶ (6mm)			Implant Placement
Normal	▶	▶	▶	▶		▶ (6mm)		
Hard	▶	▶	▶	▶		▶ (6mm)	▶	

Ø 7.0mm Fixture

(Zenex Multi R-System wide)



Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø4.6)	Step Drill (Ø5.5)	Step Drill (Ø6.2)	Step Drill (Ø6.5)	Cortical Drill	Ø7.0 Fixture
Soft	▶	▶	▶	▶	▶	▶ (6mm)			Implant Placement
Normal	▶	▶	▶	▶	▶		▶ (6mm)		
Hard	▶	▶	▶	▶	▶		▶ (6mm)	▶	