IZEN
IMPLANT
Izenimplant Co.,Ltd.

Zenex Multi & Plus Kit

Zenex Easy Surgery Kit

Zenex Multi & Plus Kit

Zenex Easy Surgery Kit

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

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ZENEX MULTI&PLUS KIT

012 Zenex Easy Surgery Kit

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

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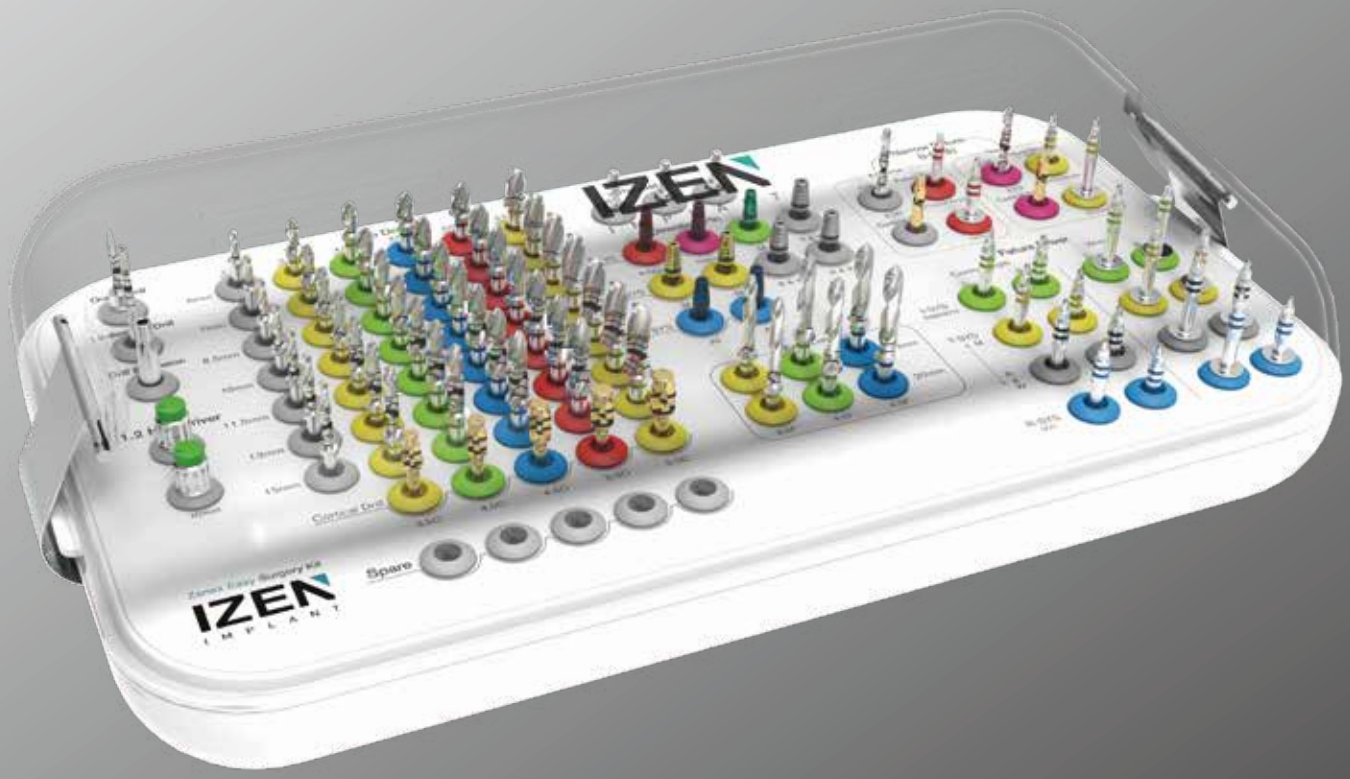
ZENEX EASY SURGERY KIT

Zenex Easy Surgery Kit



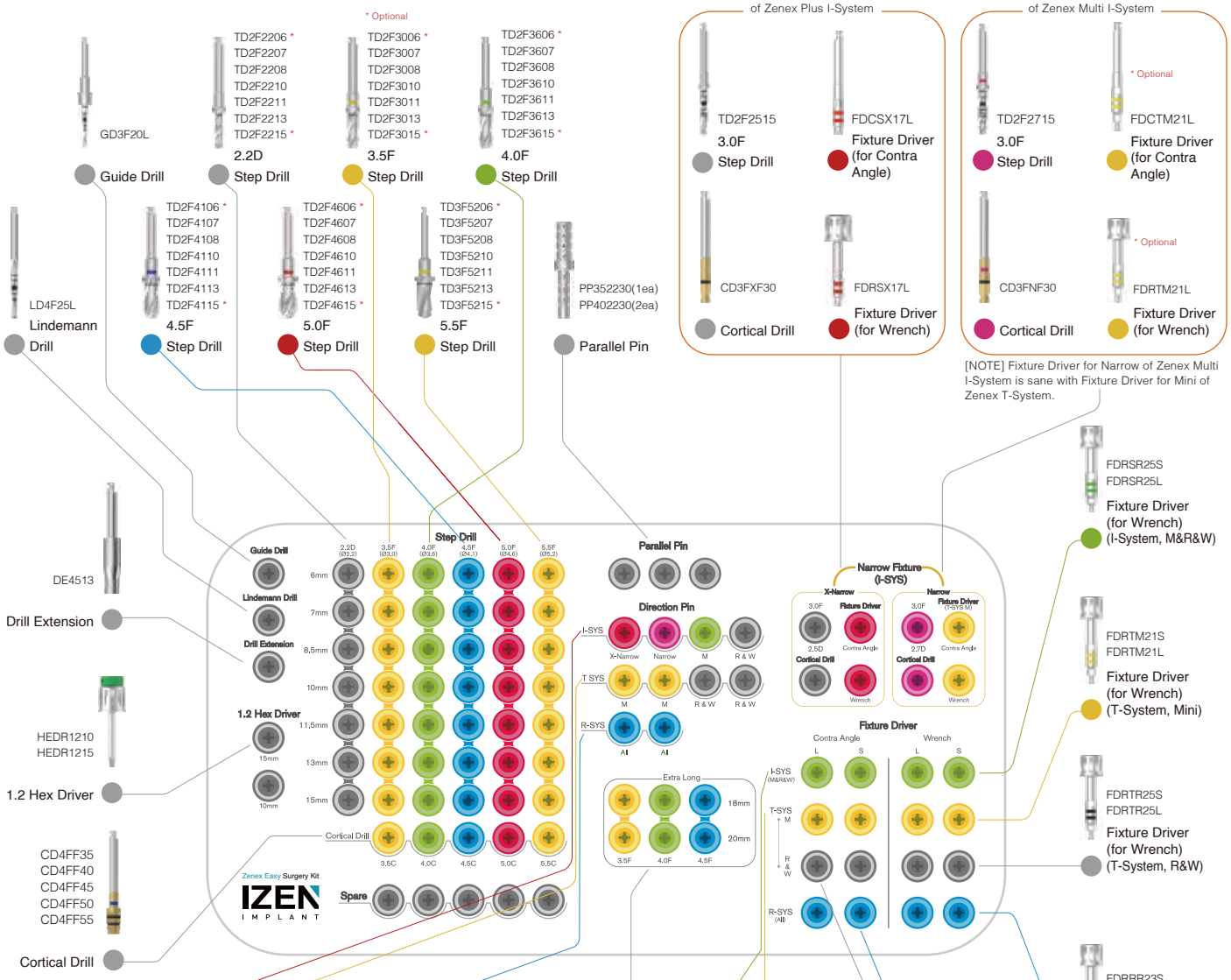
Zenex Easy Surgery Kit

Composition on lower kit tray

Depth Gauge
DG1720

Torque Wrench
TW60B

Steel Bowl
STBOWL

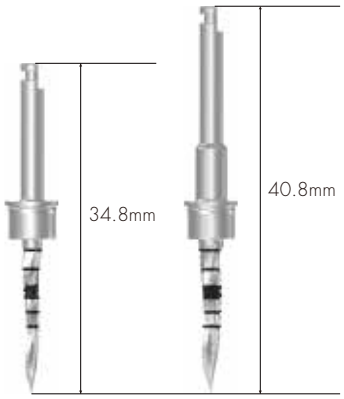


Zenex Easy Surgery Kit Instruments

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

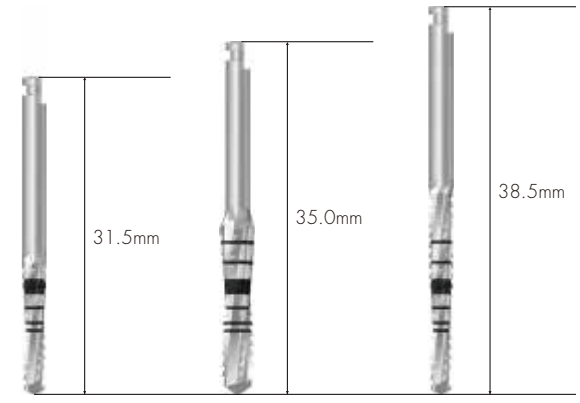


Lindemann Drill

- 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

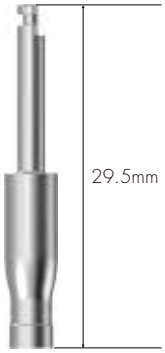
D (mm)	Ø3.0 / Ø3.5
Medium	LD4F35M



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

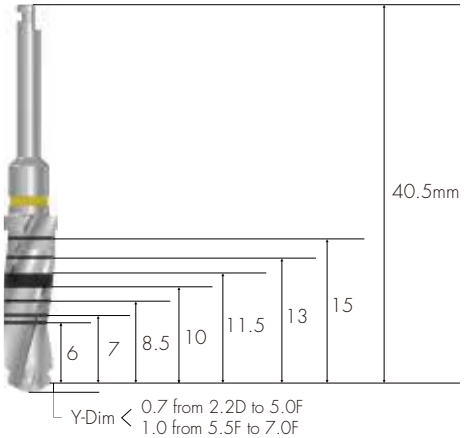
DE4513



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.

* Optional



- Two kinds of step drill for X-Narrow (Zenex Plus I-System) & Narrow (Zenex Multi I-System) are included in the Kit.

L (mm)	X-Narrow 3.0F (Ø2.2 / Ø2.5)	Narrow 3.0F (Ø2.2 / Ø2.7)
15.0	TD2F2515	TD2F2715

Zenex Easy Surgery Kit Instruments

Step Drill

* Optional

L (mm)	2.2D (Ø1.8 / Ø2.2)	3.5F (Ø2.2 / Ø3.0)	4.0F (Ø3.0 / Ø3.6)
6.0	TD2F2206 *	TD2F3006 *	TD2F3606 *
7.0	TD2F2207	TD2F3007	TD2F3607
8.5	TD2F2208	TD2F3008	TD2F3608
10.0	TD2F2210	TD2F3010	TD2F3610
11.5	TD2F2211	TD2F3011	TD2F3611
13.0	TD2F2213	TD2F3013	TD2F3613
15.0	TD2F2215 *	TD2F3015 *	TD2F3615 *
18.0	-	TD2F3018 *	TD2F3618 *
20.0	-	TD2F3020 *	TD2F3620 *

L (mm)	4.5F (Ø3.0 / Ø3.6 / Ø4.1)	5.0F (Ø3.0 / Ø4.1 / Ø4.6)	5.5F (Ø4.6 / Ø5.2)
6.0	TD2F4106 *	TD2F4606 *	TD3F5206 *
7.0	TD2F4107	TD2F4607	TD3F5207
8.5	TD2F4108	TD2F4608	TD3F5208
10.0	TD2F4110	TD2F4610	TD3F5210
11.5	TD2F4111	TD2F4611	TD3F5211
13.0	TD2F4113	TD2F4613	TD3F5213
15.0	TD2F4115 *	TD2F4615 *	TD3F5215 *
18.0	TD2F4118 *	-	-
20.0	TD2F4120 *	-	-

Cortical Drill

- Drill used for removing cortical bone from hard bone
- Drill to the bottom of each marking line
- The lower marking line is for drilling on normal bone and the upper marking line is for drilling on hard bone

	3.0C (X-Narrow)	3.0C (Narrow)	3.5C	4.0C	4.5C	5.0C	5.5C
	CD3FXF30	CD3FNF30	CD4FF35	CD4FF40	CD4FF45	CD4FF50	CD4FF55
COLOR	None	Purple	Yellow	Green	Blue	Red	Yellow

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)

I-System

	X-Narrow (Ø3.5)	Narrow (Ø3.5)	Mini (Ø3.5)	R/W (Ø4.5)
				
	DPSX3510	DPSN3510	DPSM3510	DPSR4509
COLOR	Red	Purple	Green	Metal

- For Zenex Multi I-System (based on connection): Narrow, Mini, Regular & Wide
- For Zenex Plus I-System (based on connection): X-Narrow, Mini, Regular & Wide

T-System

	Mini (Ø3.5)	R/W (Ø4.5)
		
	DPTM4010	DPSR4509
COLOR	Yellow	Metal

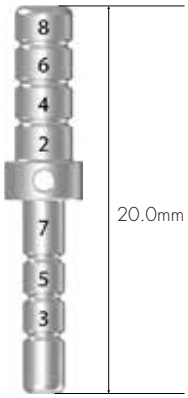
R-System

	M/R/W (Ø4.0)
	
	DPRR4009
COLOR	Blue

Zenex Easy Surgery Kit Instruments

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: PP352230 (1 ea) + 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.

※ Fixture Driver for Narrow of Zenex Multi I-System: Same with Mini of Zenex T-System (Optional)

※ Code not included in the FDCSX17S, FDRSX17S, All four drivers for Narrow of Zenex Multi I-System (FDCTM21S, FDCTM21L, FDRTM21S, FDRTM21L)

I-System

	Contra Angle			Wrench		
	X-Narrow	Narrow	M/R/W	X-Narrow	Narrow	M/R/W
Short	FDCSX17S	FDCTM21S	FDCSR25S	FDRSX17S	FDRTM21S	FDRSR25S
Long	FDCSX17L	FDCTM21L	FDCSR25L	FDRSX17L	FDRTM21L	FDRSR25L
COLOR	Red	Yellow	Green	Red	Yellow	Green

- For Zenex Multi I-System (based on connection): Narrow, Mini, Regular & Wide
- For Zenex Plus I-System (based on connection): X-Narrow, Mini, Regular & Wide

T-System

	Contra Angle		Wrench	
				
	Mini	R/W	Mini	R/W
Short	FDCTM21S	FDCTR25S	FDRTM21S	FDRTR25S
Long	FDCTM21L	FDCTR25L	FDRTM21L	FDRTR25S
COLOR	Yellow	Black	Yellow	Black

R-System

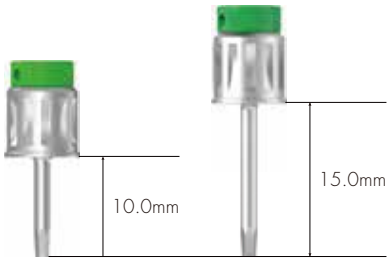
	Contra Angle	Wrench
		
	M/R/W	M/R/W
Short	FDCRR23S	FDRRR23S
Long	FDCRR23L	FDRRR23L
COLOR	Blue	Blue

Zenex Easy Surgery Kit Instruments

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

Depth Gauge

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

DG1720

Steel Bowl

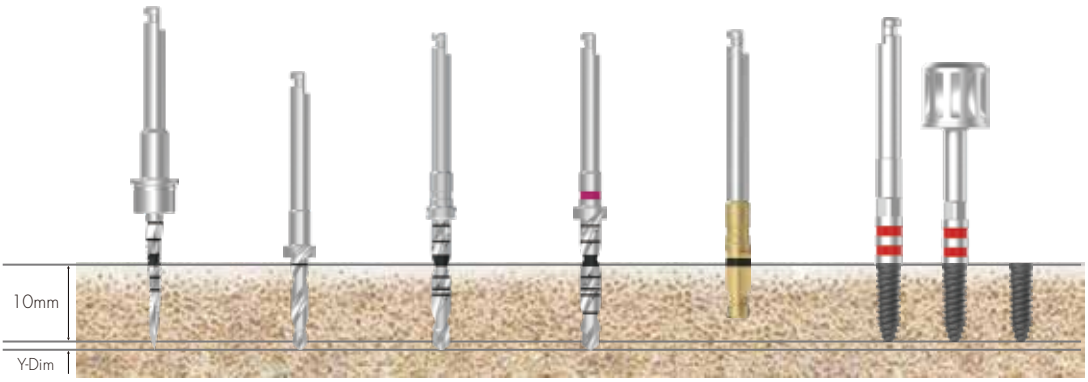
- Used for cleaning surgery instruments

STBOWL

Drilling Sequence

Ø 3.0mm Fixture

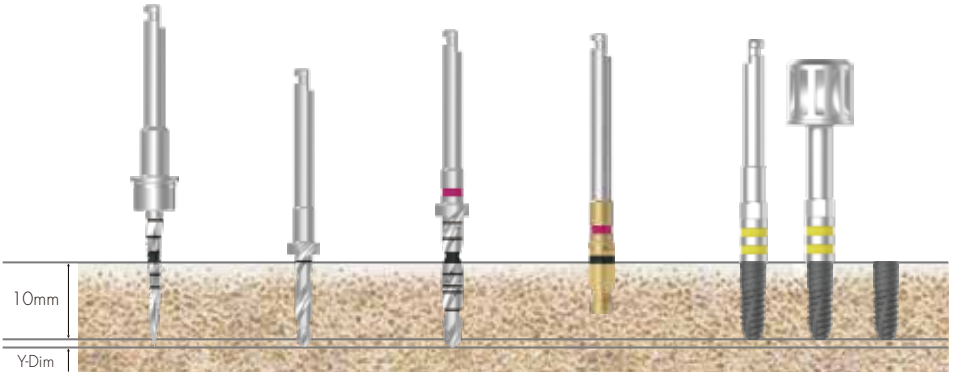
(Zenex Plus I-System X-Narrow)



Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø2.5)	Step Drill (Ø2.7)	Cortical Drill	Ø3.0 Fixture
Soft	▶	▶	▶	▶		
Normal	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶	

Ø 3.0mm Fixture

(Zenex Multi I-System Narrow)

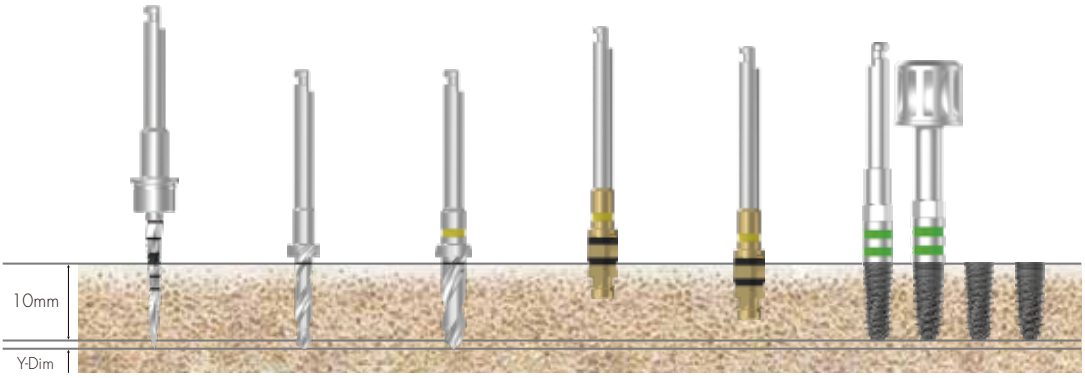


Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø2.7)	Cortical Drill	Ø3.0 Fixture
Soft	▶	▶	▶		
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	

Drilling Sequence

Ø 3.5mm Fixture

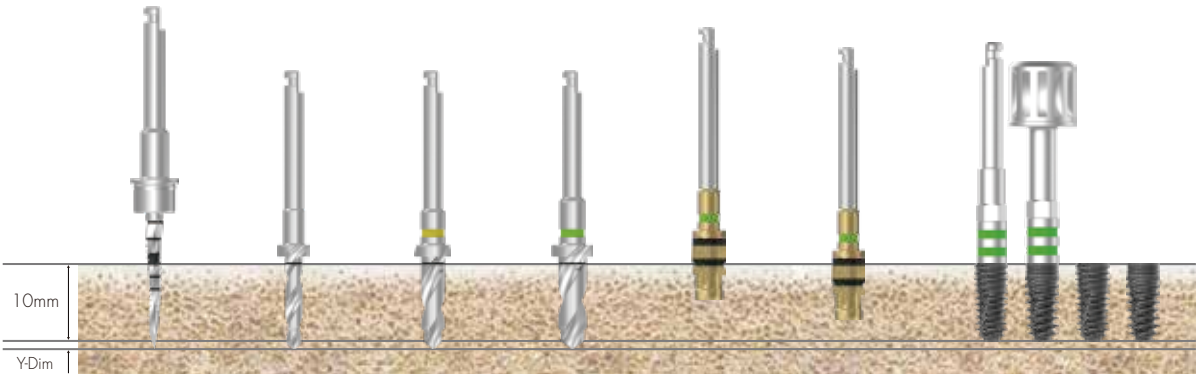
(Zenex Multi & Plus I-System Mini)



Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø3.5 Fixture
Soft	▶	▶	▶			
Normal	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶		▶	

Ø 4.0mm Fixture

(Zenex Multi & Plus I-System Regular)

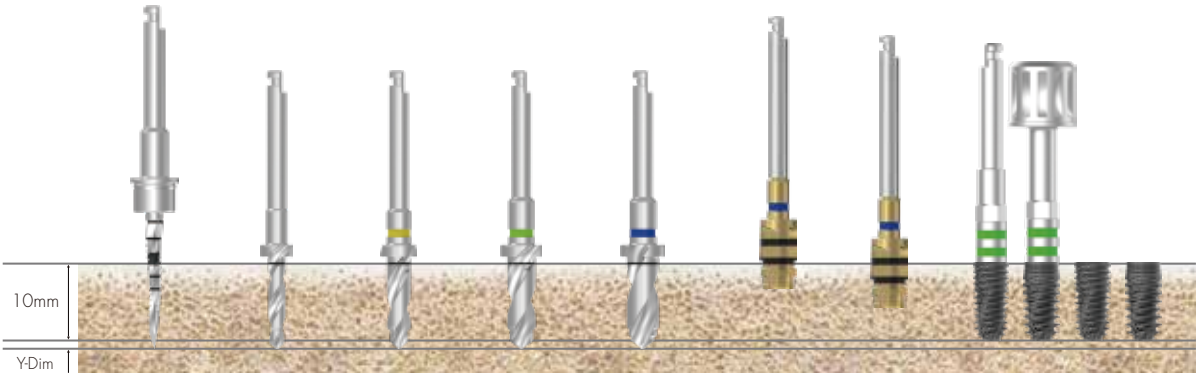


Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø3.6)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø4.0 Fixture
Soft	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶		▶	

Drilling Sequence

Ø 4.5mm Fixture

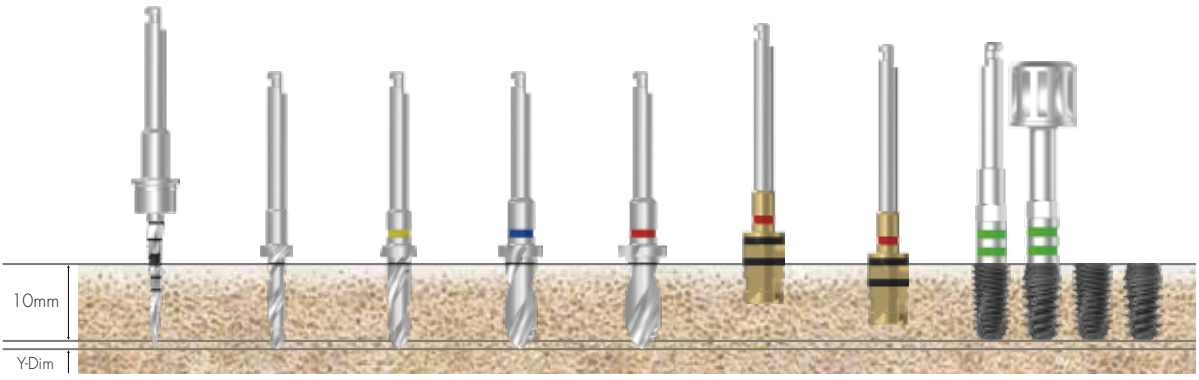
(Zenex Multi & Plus I-System Regular)



Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø3.6)	Step Drill (Ø4.1)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø4.5 Fixture
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶		▶	

Ø 5.0mm Fixture

(Zenex Multi & Plus I-System Wide)

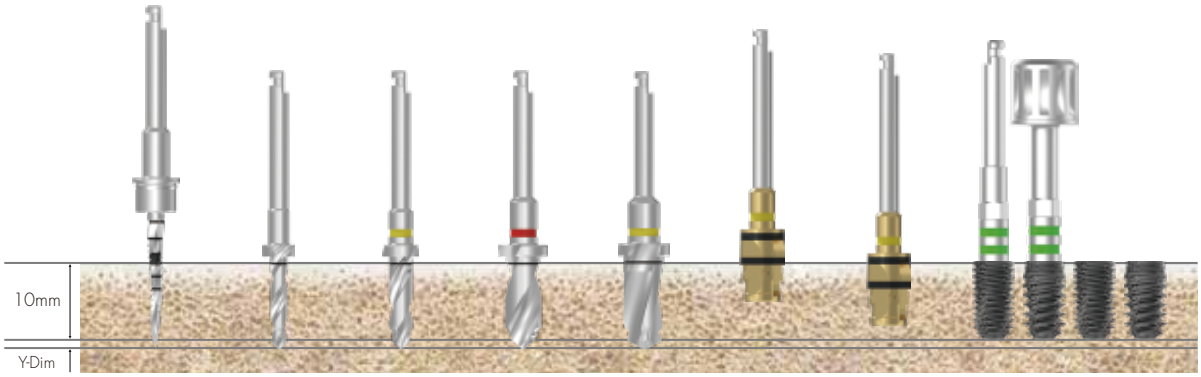


Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø4.1)	Step Drill (Ø4.6)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø5.0 Fixture
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶		▶	

Drilling Sequence

Ø 5.5mm Fixture

(Zenex Multi & Plus I-System Wide)

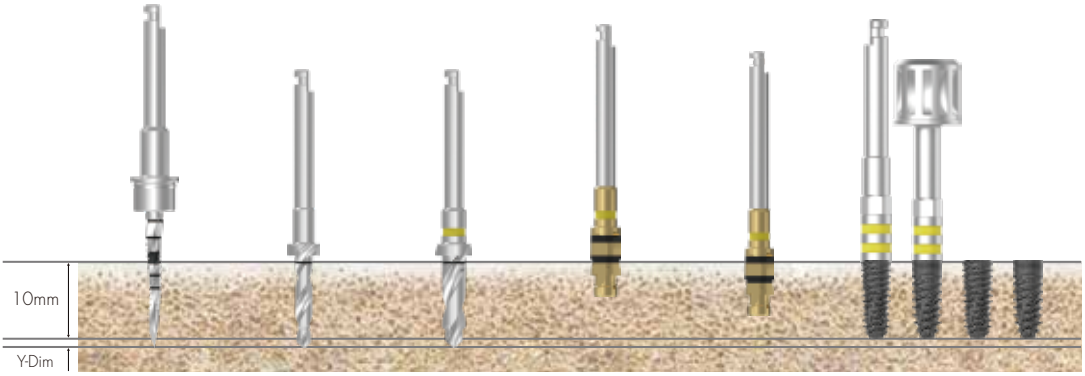


Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø4.6)	Step Drill (Ø5.2)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø5.5 Fixture
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶		▶	

Drilling Sequence

Ø 3.5mm Fixture

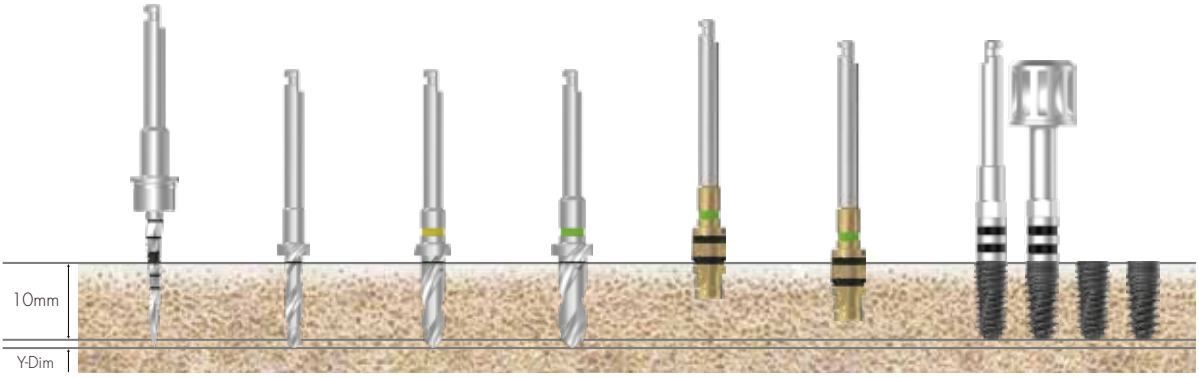
(Zenex Multi & Plus T-System Mini)



Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø3.5 Fixture
Soft	▶	▶	▶			
Normal	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶		▶	

Ø 4.0mm Fixture

(Zenex Multi & Plus T-System Regular)

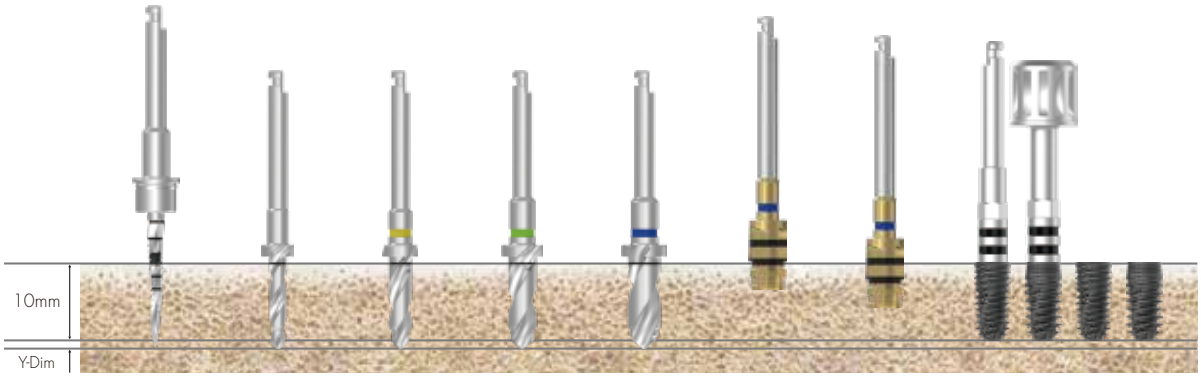


Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø3.6)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø4.0 Fixture
Soft	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶		▶	

Drilling Sequence

Ø 4.5mm Fixture

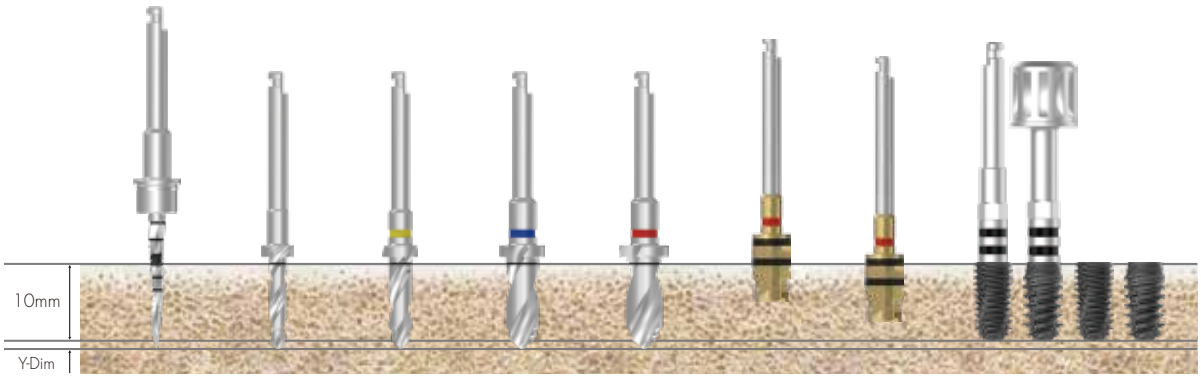
(Zenex Multi & Plus T-System Regular)



Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø3.6)	Step Drill (Ø4.1)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø4.5 Fixture
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶		▶	

Ø 5.0mm Fixture

(Zenex Multi & Plus T-System Wide)

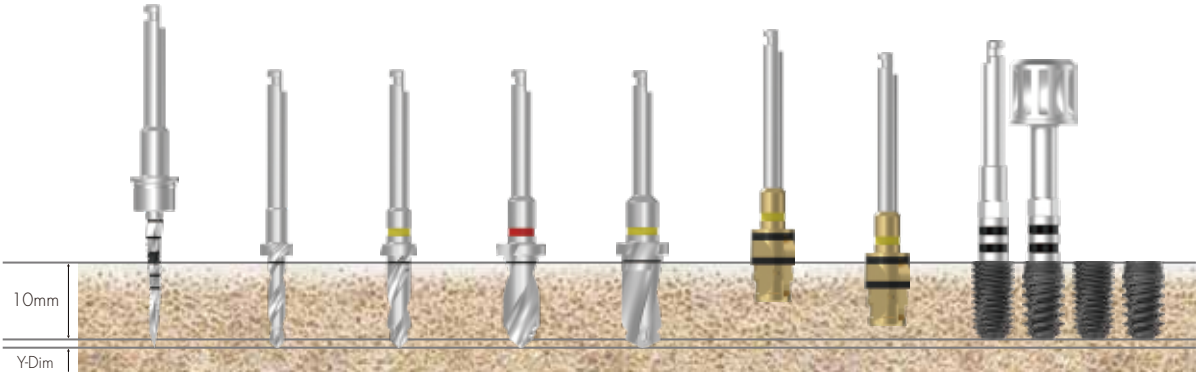


Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø4.1)	Step Drill (Ø4.6)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø5.0 Fixture
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶		▶	

Drilling Sequence

Ø 5.5mm Fixture

(Zenex Multi & Plus T-System Wide)

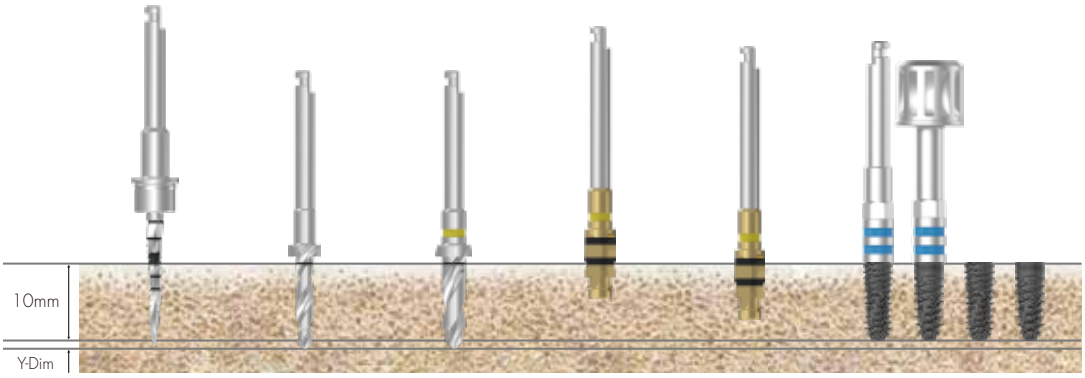


Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø4.6)	Step Drill (Ø5.2)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø5.5 Fixture
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶		▶	

Drilling Sequence

Ø 3.5mm Fixture

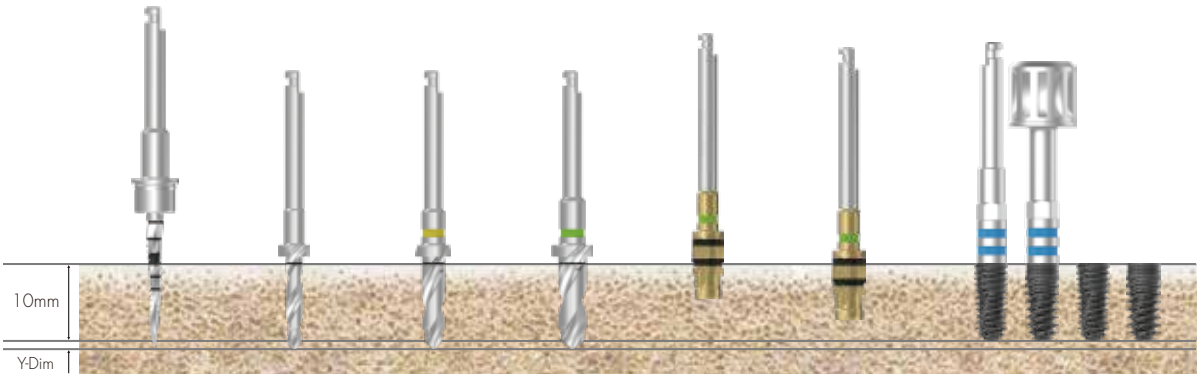
(Zenex Multi & Plus R-System Mini)



Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø3.5 Fixture
Soft	▶	▶	▶			
Normal	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶		▶	

Ø 4.0mm Fixture

(Zenex Multi & Plus R-System Regular)

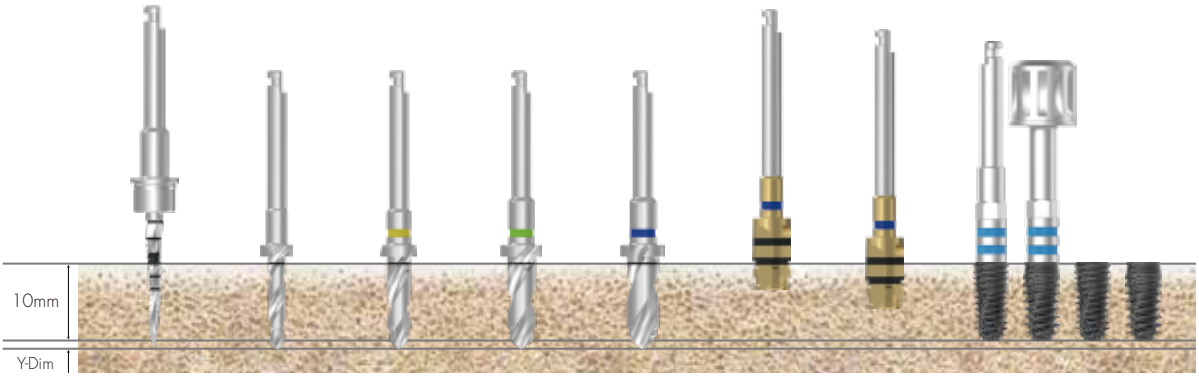


Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø3.6)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø4.0 Fixture
Soft	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶		▶	

Drilling Sequence

Ø 4.5mm Fixture

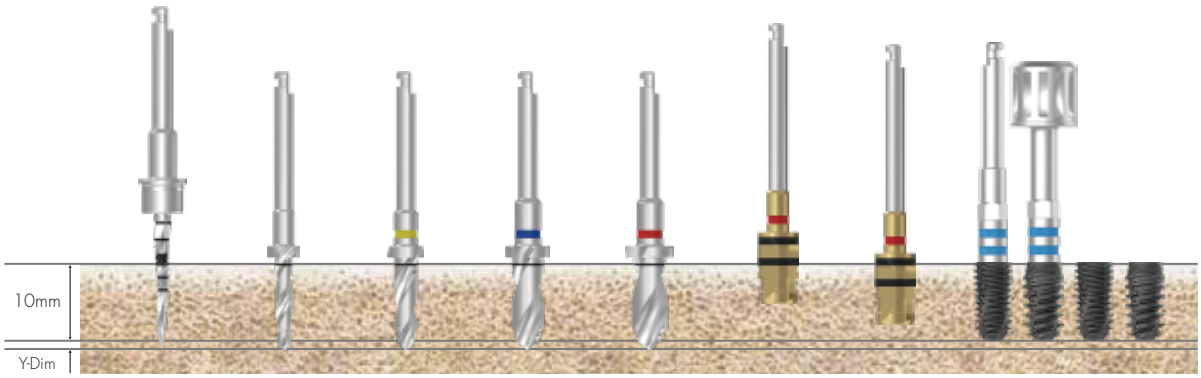
(Zenex Multi & Plus R-System Regular)



Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø3.6)	Step Drill (Ø4.1)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø4.5 Fixture
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶		▶	

Ø 5.0mm Fixture

(Zenex Multi & Plus R-System Wide)

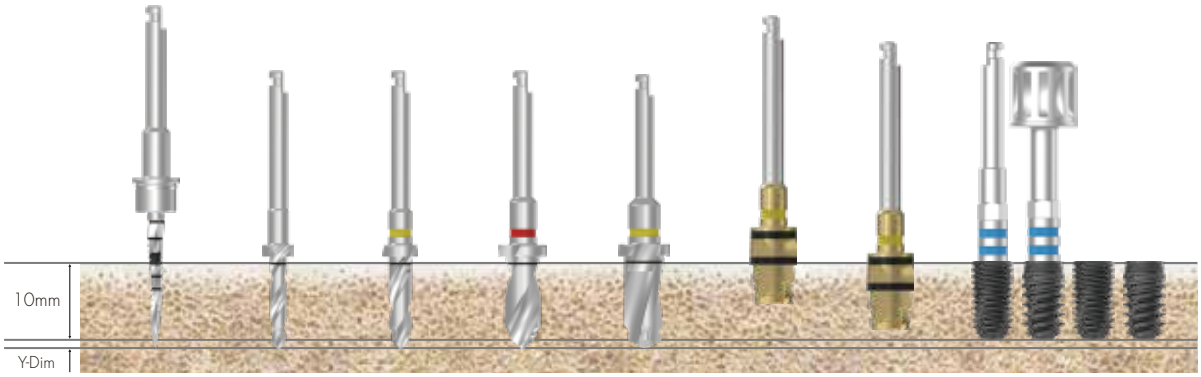


Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø4.1)	Step Drill (Ø4.6)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø5.0 Fixture
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶		▶	

Drilling Sequence

Ø 5.5mm Fixture

(Zenex Multi & Plus R-System Wide)

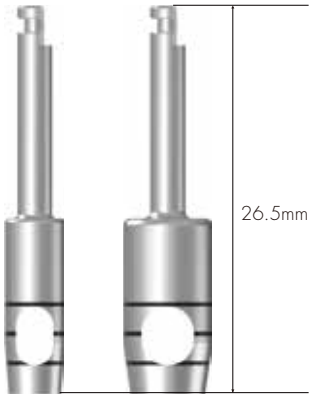


Bone Quality	Guide Drill	Step Drill (Ø2.2)	Step Drill (Ø3.0)	Step Drill (Ø4.6)	Step Drill (Ø5.2)	Cortical Drill (Lower Line)	Cortical Drill (Upper Line)	Ø5.5 Fixture
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶		▶	

Other Surgical Instruments

Tissue Punch

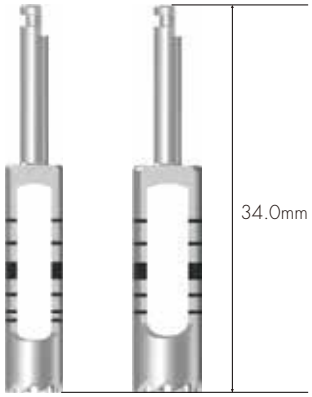
- Marked with a gap of 2mm each to measure gingiva height
- Surgical instrument for Flapless surgery



D (mm)	Ø3.3	Ø3.8	Ø4.3	Ø4.8	Ø5.3
	TP3308	TP3808	TP4308	TP4808	TP5308

Trephine Drill

- Use for collecting autogenous bone or removing failed fixture
- In case of Superwide fixture placement, available to use as initial drill



D (mm)	Ø3.7/4.5	Ø4.2/5.0	Ø4.7/5.5	Ø5.2/6.0	Ø5.7/6.5	Ø6.2/7.0
	TD3718	TD4218	TD4718	TD5218	TD5718	TD6218

Bone Profiler

- Use for removing marginal bone around fixture during the one-stage and two-stages surgery
- Available to connect Healing Abutment by removing marginal bone after connecting Bone Profiler Guide Screw to the connection on Fixture
- Secure guided length of Bone Profiler Guide Screw to remove bone accurately for deeply placed fixture
- Bone Profiler Guide Screw is used for protecting fixture connection during use

I-System

※ Only for I-System

D (mm)	Ø4.1 (For Ø3.0 X-Narrow)	Ø4.1 (For Ø3.0 Narrow)
	SBP41SXS	SBP41SNS

D (mm)	Ø4.1	Ø4.6	Ø5.6	Ø7.6
	SBP41SS	SBP46SS	SBP56SS	SBP76SS

T-System

※ Only for T-System

D (mm)	Ø4.1	Ø4.6	Ø5.6	Ø7.6
	SBP41TS	SBP46TS	SBP56TS	SBP76TS

R-System

※ Only for R-System

D (mm)	Ø4.1	Ø4.6	Ø5.6	Ø7.6
	SBP41RS	SBP46RS	SBP56RS	SBP76RS

	I-System				T-System	R-System	
	X-Narrow	Narrow	Mini	Regular	Mini	Mini	Regular
Bone Profiler Guide Screw	SBPGSSX14	SBPGSSN20	SBPGSSM20	SBPGSSR20	SBPGSTM20	SBPGSRM18	SBPGSRR18