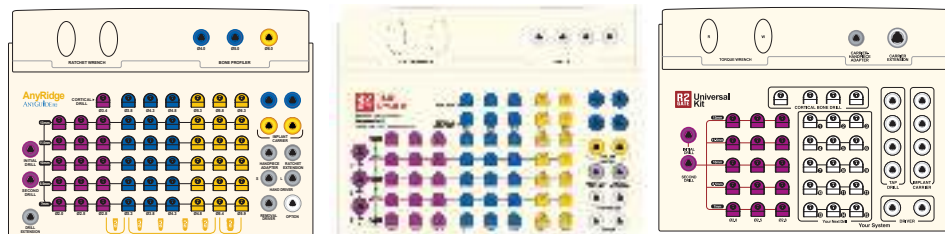


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R2GATE Surgical KIT



496 R2GATE FULL Surgical KIT

496 I. AnyRidge System

498 II. AnyOne System

506 R2GATE Standard KIT

506 I. TSIII System (Osstem co.)

508 II. SuperLine System (Dentium co.)

510 III. UFII System (DIO co.)

512 IV. ISII System (Neo Biotech co.)

520 R2GATE Universal KIT

524 1. AnyRidge Octa 1

524 2. Straumann

526 3. Nobel Biocare

526 4. Astra

527 5. Biomet 3i

527 6. TSIII

528 7. SuperLine

528 8. ISII

529 9. UFII

530 10. Final Drill Option

532 R2GATE Narrow KIT

534 R2GATE Anchor KIT

R2GATE® Full Surgical KIT

I. R2GATE Full Surgical Kit for AnyRidge System

- If you only use a specific system, corresponding system's full kit can be provided.
- R2GATE full surgical kit is composed with all of drills and components that are needed for the Digital Guided Surgery which uses R2GATE Guide™ after R2GATE™ diagnosis. It helps to actualize minimally invasive surgery and makes exact clinical result as the diagnosis.

Ref.C

KAGIN3000



Initial Drill

Initial Drill Second Drill



Drilling to make the initial drill path

Cortical Bone Drill



In type I or II bone, crestal bone is partly reduced to lower the pressure against the fixture during placement.

RATCHET WRENCH

AnyRidge
ANYGUIDE R2

CORTICAL ▶

Ø3.4

Ø3.8

Ø4.3

13mm

11.5mm

10mm

8.5mm

7mm

INITIAL
DRILLSECOND
DRILLDRILL
EXTENSION

Ø2.0

Ø2.5

Ø2.8

Ø3.3

Ø3.8

Ø3.5

Ø4.0

Ø4.5

Guide Stop Drill

Drill diameter : Ø2.0 ~ Ø5.9

Drill Length : 7.0 ~ 13.0mm

Guide length
: 13.5mmDrilling length
: 7.0 ~ 13.0mm

Drill Extension



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Bone Profiler



This is used to minimize the interference of the crestal bone when connecting ZrGEN Abutment, [Used before placing the fixture / Recommended RPM 600 ~1000]

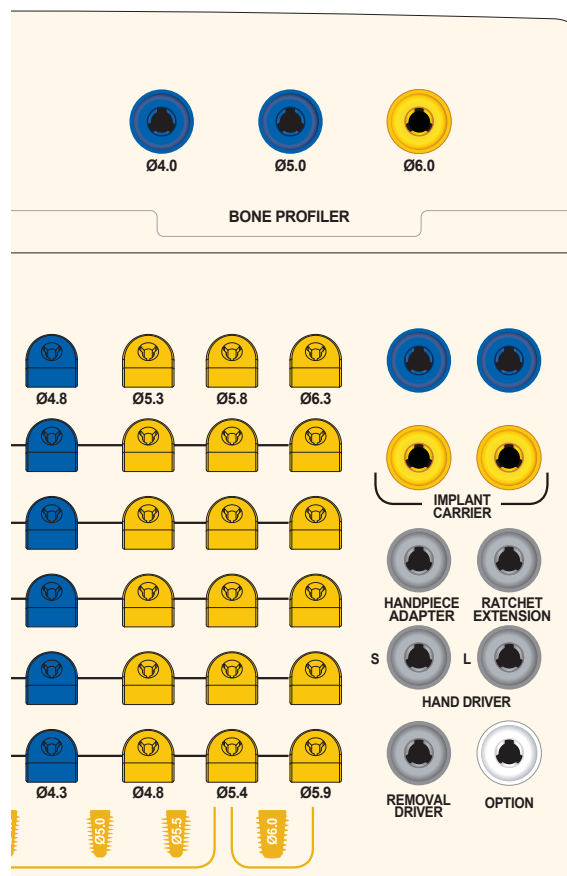
Implant Carrier

- : Handpiece type
- : Ratchet type

- R – AnyRidge Regular (ø3.5 ~ ø4.5)



- W – AnyRidge Wide (ø5.0 ~ ø6.0)



Hand Driver

- : 1.2 hex driver (Short)
- : 1.2 hex driver (Long)
- : Abutment Remover Driver



Carrier-Handpiece Adapter



Carrier Extension



PDF Compressor Free Version

II. R2GATE Full Surgical Kit for AnyOne System

- If you only use a specific system, corresponding system's full kit can be provided.
- R2GATE full surgical kit is composed with all of drills and components that are needed for the Digital Guided Surgery which uses R2GATE Guide™ after R2GATE™ diagnosis. It helps to actualize minimally invasive surgery and makes exact clinical result as the diagnosis.

Ref.C

KAGIN3001



Initial Drill

Initial Drill Second Drill



Drilling to make the initial drill path

Cortical Bone Drill

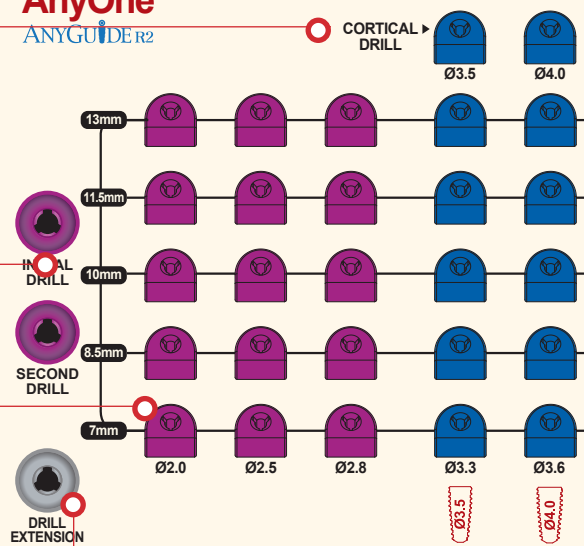


In type I or II bone, crestal bone is partly reduced to lower the pressure against the fixture during placement.

RATCHET WRENCH

AnyOne
 ANYGUIDE R2

CORTICAL DRILL



Guide Stop Drill

 Drill diameter : Ø2.0 ~ Ø 5.9
 Drill Length : 7.0 ~ 13.0mm

 Guide length
 : 13.5mm

 Drilling length
 : 7.0 ~ 13.0mm

Drill Extension



PDF Compressor Free Version

Bone Profiler



This is used to minimize the interference of the crestal bone when connecting ZrGEN Abutment.
[Used before placing the fixture / Recommended RPM 600 ~1000]

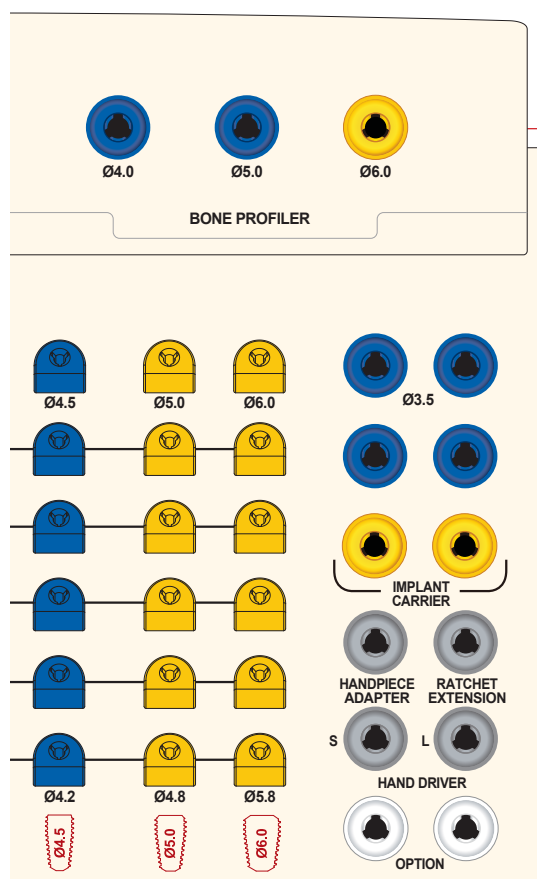
Implant Carrier

: Handpiece type
: Ratchet type

► R – AnyOne Regular
($\phi 3.5 \sim \phi 4.5$)



► W – AnyOne Wide
($\phi 5.0 \sim \phi 6.0$)



Hand Driver : 1.2 hex driver (Short/Long)



Carrier-Handpiece Adapter



Carrier Extension



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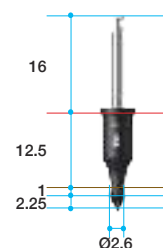
➔ Components for R2GATE Full Surgical Kit (Continued)

- If you only use a specific system, corresponding system's full kit can be provided.
- R2GATE full surgical kit is composed with all of drills and components that are needed for the Digital Guided Surgery which uses R2GATE Guide™ after R2GATE™ diagnosis. It helps to actualize minimally invasive surgery and makes exact clinical result as the diagnosis.

Initial Drill

- Use the initial drill in order to mark the drilling position on the bone. Start drilling slowly, when drill guide part is fully contacted with drilling core of R2GATE Guide™.
- Recommended drilling speed range is 300 ~ 800 RPM with copious irrigation.

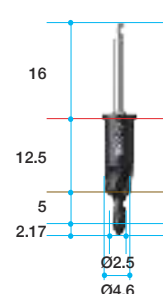
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.6	Ø5.0	1.0	R2ID2601



Second Drill

- This unique step-drill(from Ø2.0 to Ø4.6) is used to flare out the upper cortical bone of the osteotomy.
- It helps not only the rest drilling procedure but abut- ment connection. In case of hard bone, if the 2nd drilling will be disturbed by thick cortical bone. Stop the drilling and try it after final drilling procedure.

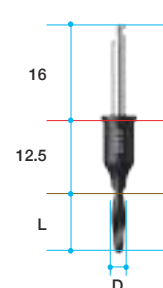
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.5	Ø5.0	5.0	R2SD2505



Stopper Drill

- Universal drills consist of Ø2.0, Ø2.5, Ø2.8 diameter to enlarge the osteotomy gradually.
- The length of drill are designed as 7.0, 8.5, 10, 11.5, 13mm for most common length of implant system.
- Recommended drilling speed range is 500 ~ 800 RPM with copious irrigation.

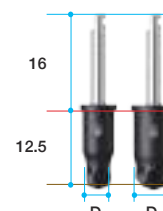
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.0	Ø5.0	6.5	AGSD2007
		8.0	AGSD2008
		9.5	AGSD2010
		11.0	AGSD2011
		12.5	AGSD2013
Ø2.5		6.5	AGSD2507
		8.0	AGSD2508
		9.5	AGSD2510
		11.0	AGSD2511
		12.5	AGSD2513
Ø2.8		6.5	AGSD2807
		8.0	AGSD2808
		9.5	AGSD2810
		11.0	AGSD2811
		12.5	AGSD2813



Bone Profiler

- Recommended drilling speed is 300 ~ 800 RPM.

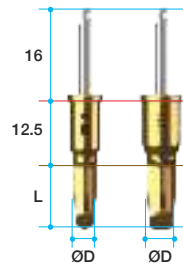
Diameter	Guide Diameter	Ref.C
Ø4.0	Ø5.0	AGBP40
Ø5.0		AGBP50
Ø6.0		AGBP60



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Stopper Drill[AR]

- Recommended drilling speed is 300 ~ 800 RPM.

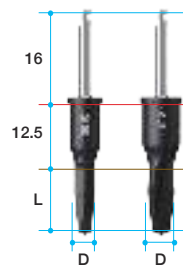


Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.3	Ø5.0	6.5	ARSD3307
		8.0	ARSD3308
		9.5	ARSD3310
		11.0	ARSD3311
		12.5	ARSD3313
Ø3.8		6.5	ARSD3807
		8.0	ARSD3808
		9.5	ARSD3810
		11.0	ARSD3811
		12.5	ARSD3813
Ø4.3		6.5	ARSD4307
		8.0	ARSD4308
		9.5	ARSD4310
		11.0	ARSD4311
		12.5	ARSD4313

Diameter	Guide Diameter	Length(mm)	Ref.C
Ø4.8	Ø6.5	6.5	ARSD4807
		8.0	ARSD4808
		9.5	ARSD4810
		11.0	ARSD4811
		12.5	ARSD4813
Ø5.4		6.5	ARSD5407
		8.0	ARSD5408
		9.5	ARSD5410
		11.0	ARSD5411
		12.5	ARSD5413
Ø5.9		6.5	ARSD5908
		8.0	ARSD5907
		9.5	ARSD5910
		11.0	ARSD5911
		12.5	ARSD5913

Stopper Drill[AO]

- Recommended drilling speed is 300 ~ 800 RPM.



Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.3	Ø5.0	7.0	AOSD3307
		8.0	AOSD3308
		9.5.0	AOSD3310
		11.0	AOSD3311
		12.5	AOSD3313
Ø3.6		7.0	AOSD3607
		8.0	AOSD3608
		9.5	AOSD3610
		11.0	AOSD3611
		12.5	AOSD3613
Ø4.2		7.0	AOSD4207
		8.0	AOSD4208
		9.5	AOSD4210
		11.0	AOSD4211
		12.5	AOSD4213

Diameter	Guide Diameter	Length(mm)	Ref.C
Ø4.8	Ø6.5	7.0	AOSD4807
		8.0	AOSD4808
		9.5	AOSD4810
		11.0	AOSD4811
		12.5	AOSD4813
Ø5.8		7.0	AOSD5807
		8.0	AOSD5808
		9.5	AOSD5810
		11.0	AOSD5811
		12.5	AOSD5813

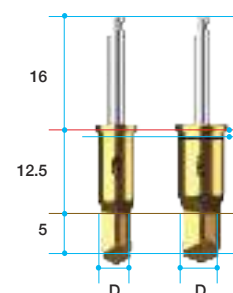
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➡ Components for R2GATE Full Surgical Kit (Continued)

Cortical Bone Drill[AR]

- Recommended drilling speed : 300 ~ 800 RPM

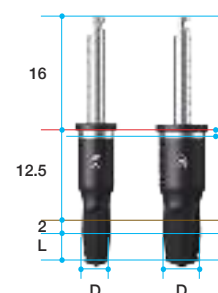
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.4	Ø5.0	5.0	R2CD3405
Ø3.8			R2CD3805
Ø4.3			R2CD4305
Ø4.8			R2CD4805
Ø5.3	Ø6.5	5.0	R2CD5305
Ø5.8			R2CD5805
Ø6.3			R2CD6305



Cortical Bone Drill[AO]

- Recommended drilling speed : 300 ~ 800 RPM

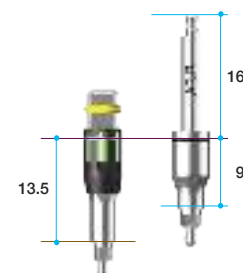
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.9	Ø5.0	6.0	AODD39
Ø4.3			AODD43
Ø4.8			AODD48
Ø5.3	Ø6.5	5.5	AODD53
Ø6.3			AODD63



Implant Carrier[AR]

- The purpose of tab drills in the universal kit system is insertion test. some of implant are required this procedure before final fixture insertion. choose the one-step under size of tab to protect from enlargement of osteotomy.
- Recommended insertion torque and speed is 45 ~ 50Ncm, under 40 RPM.

Connection	Guide Diameter	Type	Ref.C
2.3 Hex	Ø5.0	Ratchet	ICRH2324
	Ø6.5		ICWH2324
	Ø5.0	Handpiece	ICRH2324H
	Ø6.5		ICWH2324H

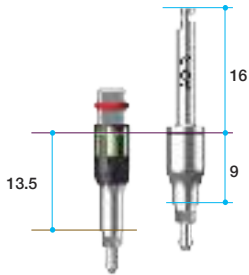


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Implant Carrier[AO]

- Two different implant carriers for regular stent since Ø3.5 fixture has different abut- ment connection
- To pick up the fixture from the ampule and insert it to the osseotomy. Then turn it to clock-wise direction 2~3 times manually.
- When it gets fixation from the osteotomy, connect the handpiece adaptor and use implant motor.
- Recommended insertion torque is 45~50Ncm.

Connection	Guide Diameter	Type	Ref.C
2.3 Hex	Ø5.0	Ratchet	ICRH2518
			ICRH2523
	Ø6.5	Handpiece	ICWH2523
			ICRH2518H
	Ø5.0	Handpiece	ICRH2523H
	Ø6.5		ICWH2523H



Carrier-Handpiece Adapter

- Useful to use the handpiece for the implant placement following initial delivery of a fixture with a fixture carrier.

Diameter	Ref.C
5.0	AGHA



Carrier Extension

- To extend the length of implant carrier.

Diameter	Ref.C
4.0	MRE400S



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Drill Extension

- No more than 35Ncm torque : May distorted when excessive force is applied.
- Extends drills & other handpiece instruments.

Ref.C
MDE150

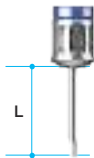


Hand Driver (1.2 Hex)

- Used for all Cover Screws, Abutment Screws, and Healing Abutments.
- Available in 4 lengths for added convenience.
- Hand Driver can be directly inserted into the Torque Wrench without using an adaptor.
- Hex tip can with stand 35-45Ncm of torque without distorting.

Length(mm)	Type	Ref.C
5.0	*Ultra-short	TCMHDU1200
10	Short	TCMHDS1200
15	Long	TCMHDL1200
20	*Extra-long	TCMHDE1200

(*) Separate sales item.



Ratchet Wrench

- Used to exert more force than the Handpiece.
- No bearing system : No breakage and no corrosion problems.
- Arrow laser marking indicates direction of force.

Ref.C
MRW040S



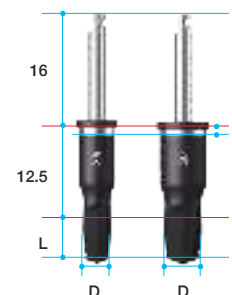
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➡ System Options for the AnyOne External

Cortical Bone Drill

- Recommended drilling speed: 300~800 rpm

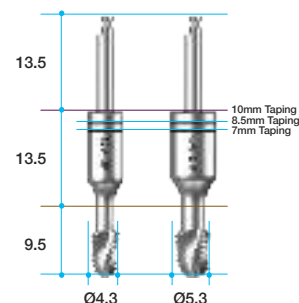
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.9	Ø5.0	6.0	AODD39
Ø4.3			AODD43
Ø4.8			AODD48
Ø5.3	Ø6.5	5.5	AODD53
Ø6.3			AODD63



Tap Drill

- The purpose of tap drills in the R2GATE universal kit system is insertion test. some of implant are required this procedure before final fixture insertion. choose the one-step under size of tap to protect from enlargement of osteotomy.
- Recommended insertion torque and speed is 45~50Ncm, under 40 RPM.

Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.9	Ø5.0	9.5	R2TD35AO
Ø4.3			R2TD40AO
Ø4.8			R2TD45AO
Ø5.3	Ø6.5	9.5	R2TD50AO
Ø6.3			R2TD60AO



Implant Carrier

- To pick up the fixture from the ampule and insert it to the osseotomy. Then turn it to clock-wise direction 2~3 times manually.
- When it gets fixation from the osteotomy, connect the handpiece adaptor and use implant motor
- Recommended insertion torque is 45~50Ncm.

Diameter	Guide Diameter	Type	Ref.C
2.5 Hex	Ø5.0	Ratchet	ICRAOE
	Ø6.5		ICWAOE

