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ANYRIDGE®

Anyridge Implant Surgical Manual

Diameters, cores, size selection, drilling guide

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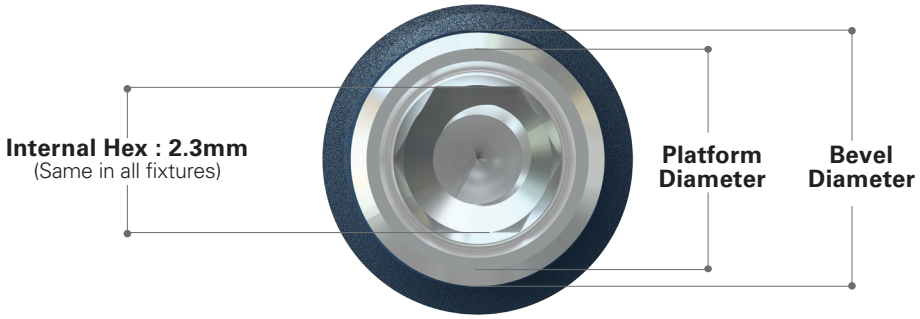
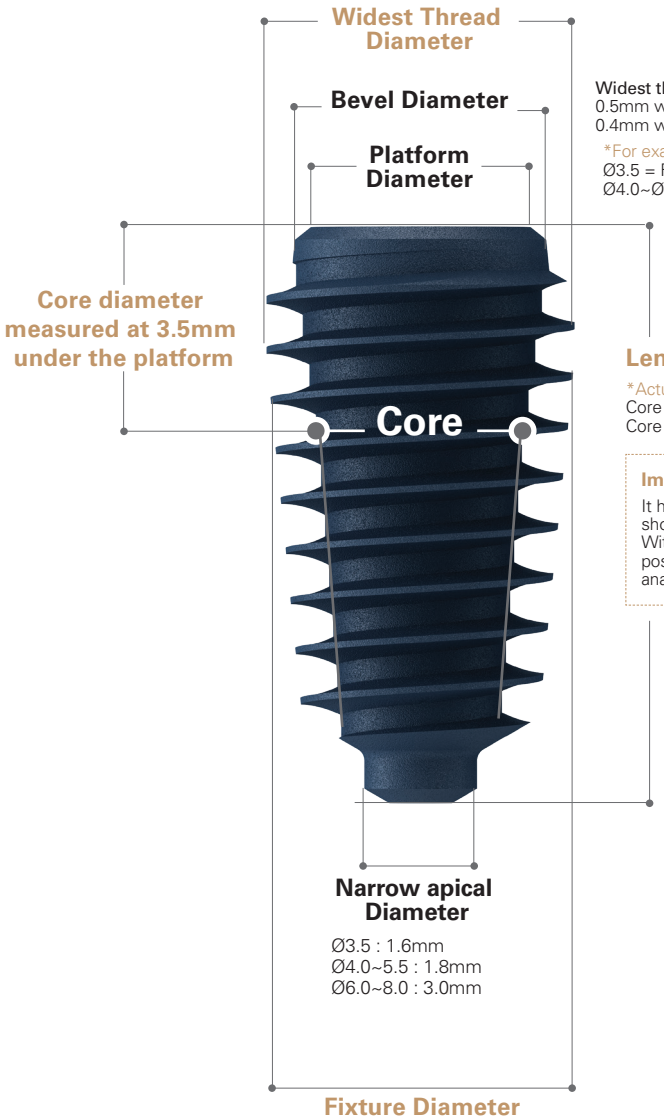
Implant Dimension



Core (mm)	Platform (mm)	Bevel (mm)
Ø2.8	3.5	3.8
Ø3.3		4.0
Ø3.8	4.0	4.5
Ø4.0	4.25	4.75
Ø4.3	4.5	5.0
Ø4.8	5.0	5.5



Widest thread diameter is
0.5mm wider than fixture size at 3.5mm
0.4mm wider than fixture size at 4.0~8.0mm

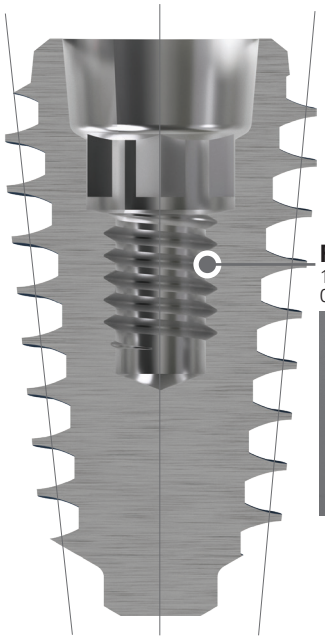
*For example
Ø3.5 = Fixture diameter + 0.5mm
Ø4.0~Ø8.0 = Fixture diameter + 0.4mm

Length

*Actual length of fixture
Core Ø3.3~4.0 fixture : 0.8mm shorter than the written length
Core Ø4.8 fixture : 0.6mm shorter than the written length

Important concept!

It has been proven that 0.5~1.0mm subcrestal placement shows better crestal bone response.
With the AnyRidge system, a fixture goes down to the ideal position without further drilling avoiding damage to important anatomical structures.



Female screw
1.8mm diameter X
0.35mm pitch

[SEM image]

Excellent initial stability, even with compromised bone density. AnyRidge® Fixture cuts bone smoothly and condenses it simultaneously.

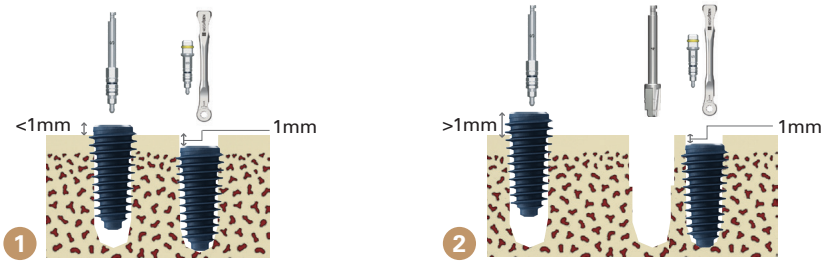
Implant placement

Soft bone

The super self-tapping threads have a diameter that facilitates minimal site preparation by utilizing a smaller osteotomy to place a wider fixture with special threads.

Hard bone

AnyRidge® with its super self-tapping thread design is easier to place than other traditional implants in hard bone. ***Caution!** The osteotomy socket (drilling) size should almost reach the size of fixture to avoid getting stuck in the bone during placement.

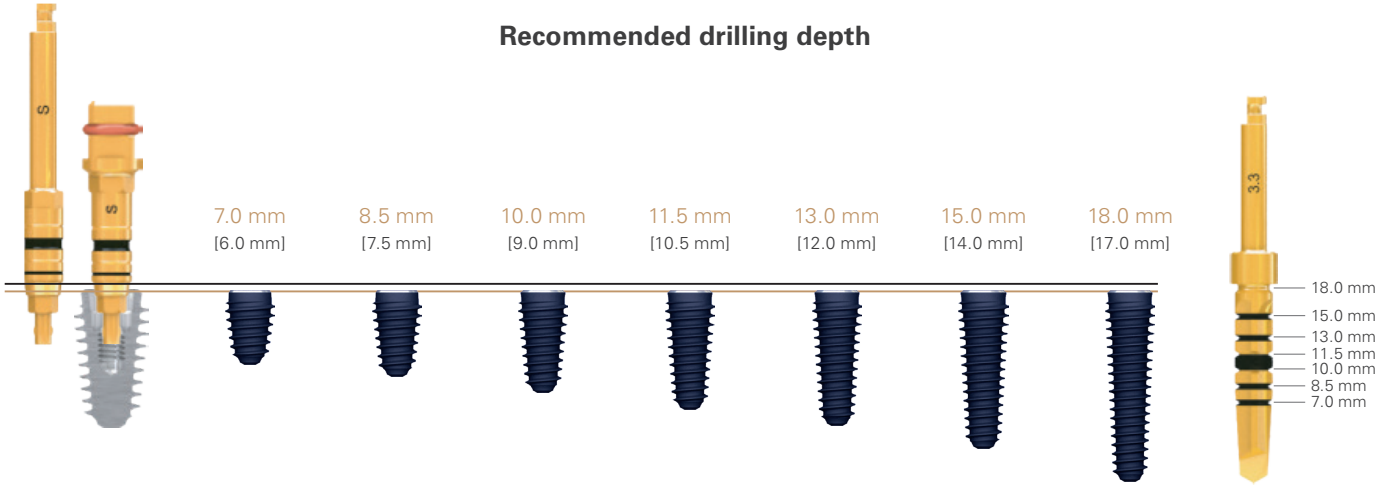


One millimeter Rule

1. Due to the extremely strong initial stability of the AnyRidge® fixture, it can get stuck during placement especially in hard bone. Please consider the '**One millimeter Rule**' to avoid this. The clinician can customize the drilling sequence once they fully understand the concept and characteristics of the AnyRidge® system to get the preferred initial stability. The **'One millimeter Rule**' is simple; if an implant motor is set at 40Ncm and stops leaving the implant one millimeter above the crest, use the ratchet wrench to screw it down to the preferred position. We recommended placing the implant platform 0.5~1.0mm below the crest.

2. If an implant gets stuck more than 1mm above the crest in hard mandibular bone, it is recommended to remove it using a ratchet wrench rather than trying to screw it down with excessive torque.
Please use a cortical bone drill that is included in the surgical kit, the depth of cortical bone drilling can be adjusted according to the bone condition. Then, place the same implant into the osteotomy socket.

Recommended drilling depth



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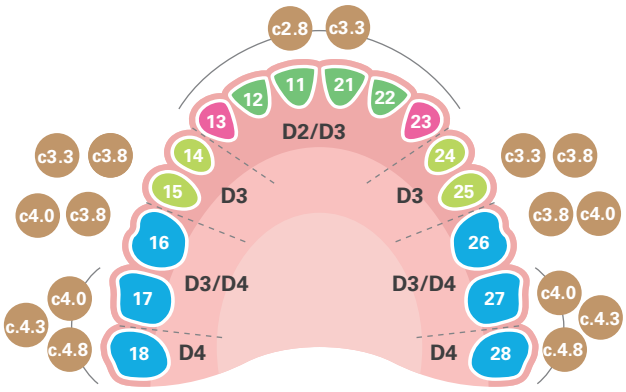
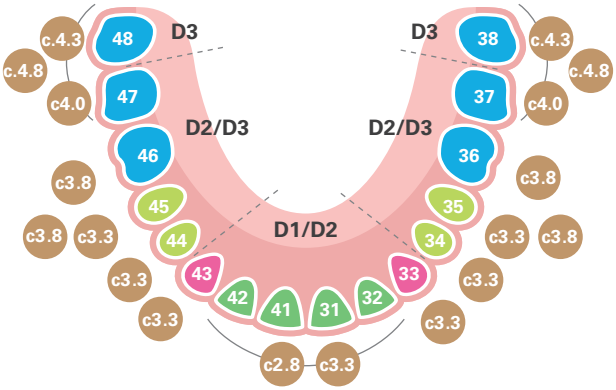
Implant Line up

Implant Type	Fixture Diameter														
	Ø3.5			Ø4.0			Ø4.5			Ø5.0			Ø5.5		
	Narrow (core Ø2.8)	Regular (core Ø3.3)	Wide	Narrow (core Ø3.3)	Regular	Wide	Narrow (core Ø3.3)	Regular (core Ø3.8)	Wide (core Ø4.3)	Narrow (core Ø3.3)	Regular (core Ø4.0)	Wide (core Ø4.3)	Narrow (core Ø3.3)	Regular (core Ø4.0)	Wide (core Ø4.3)
Anyridge															
Short Implant											 *core Ø3.8			 *core Ø3.8	

Implant Type	Fixture Diameter														
	Ø6.0			Ø6.5			Ø7.0			Ø7.5			Ø8.0		
	Narrow	Regular	Wide (core Ø4.8)	Narrow	Regular	Wide (core Ø4.8)	Narrow	Regular	Wide (core Ø4.8)	Narrow	Regular	Wide (core Ø4.8)	Narrow	Regular	Wide (core Ø4.8)
Anyridge															





Recommendations are based upon most commonly used sizes | Indications are for single implant site selection
Bone density areas are common for most patients | Exceptions occur

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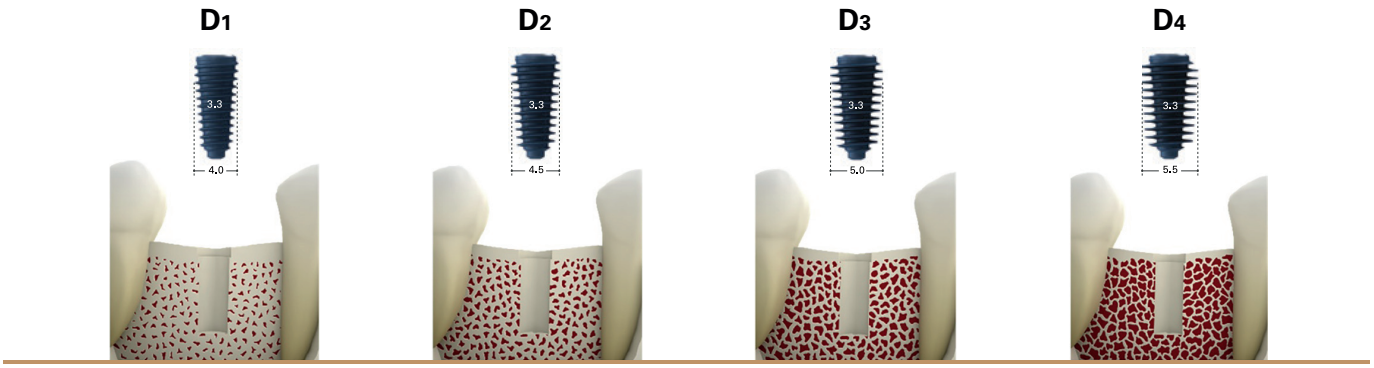
Drilling sequence

The drilling sequence detailed below is a guide only and the clinicians judgment precedes the recommendations below



Small Ø3.5

Narrow Core Ø2.8

D1	D2	D3	D4
Lance	Lance	Lance	Lance
Ø2.0	Ø2.0	Ø2.0	Ø2.0
Ø2.5	Ø2.5	Ø2.5	Ø2.5
Ø2.8	Ø2.8	Ø2.8	Ø2.8
Ø3.3	Ø3.3	Ø3.3	
Ø3.8 (partial)	Ø3.8 (opt)		

Regular Ø4.0

Narrow Core Ø3.3

D1	D2	D3	D4
Lance	Lance	Lance	Lance
Ø2.0	Ø2.0	Ø2.0	Ø2.0
Ø2.5	Ø2.5	Ø2.5	Ø2.5
Ø2.8	Ø2.8	Ø2.8	Ø2.8
Ø3.3	Ø3.3	Ø3.3	Ø3.3
Ø3.8	Ø3.8	Ø3.8 (opt)	
Ø4.3 (partial)	Ø4.3 (opt)		

Regular Ø4.5

Narrow Ø3.3 I Regular Ø3.8

D1	D2	D3	D4
Lance	Lance	Lance	Lance
Ø2.0	Ø2.0	Ø2.0	Ø2.0
Ø2.5	Ø2.5	Ø2.5	Ø2.5
Ø2.8	Ø2.8	Ø2.8	Ø2.8
Ø3.3	Ø3.3	Ø3.3	Ø3.3
Ø3.8	Ø3.8	Ø3.8	Ø3.8 (opt)
Ø4.3	Ø4.3	Ø4.3 (opt)	
Ø4.8 (partial)	Ø4.8 (opt)		

Wide Ø5.0

Narrow Ø3.3 I Regular Ø4.0 I Wide Ø4.3

D1	D2	D3	D4
Lance	Lance	Lance	Lance
Ø2.0	Ø2.0	Ø2.0	Ø2.0
Ø2.5	Ø2.5	Ø2.5	Ø2.5
Ø2.8	Ø2.8	Ø2.8	Ø2.8
Ø3.3	Ø3.3	Ø3.3	Ø3.3
Ø3.8	Ø3.8	Ø3.8	Ø3.8 (opt)
Ø4.3	Ø4.3	Ø4.3	Ø4.3 (opt)
Ø4.8	Ø4.8	Ø4.8 (opt)	
Ø5.4 (partial)	Ø5.4 (opt)		

Wide Ø5.5

Narrow Ø3.3 I Regular Ø4.0 I Wide Ø4.3

D1	D2	D3	D4
Lance	Lance	Lance	Lance
Ø2.0	Ø2.0	Ø2.0	Ø2.0
Ø2.5	Ø2.5	Ø2.5	Ø2.5
Ø2.8	Ø2.8	Ø2.8	Ø2.8
Ø3.3	Ø3.3	Ø3.3	Ø3.3
Ø3.8	Ø3.8	Ø3.8	Ø3.8 (opt)
Ø4.3	Ø4.3	Ø4.3	Ø4.3 (opt)
Ø4.8	Ø4.8	Ø4.8	Ø4.8 (opt)
Ø5.4	Ø5.4	Ø5.4 (opt)	
Ø5.9 (partial)	Ø5.9 (opt)		

Super Wide Ø6.0

Regular Core Ø4.8

D1	D2	D3	D4
Extraction Socket	Extraction Socket	Lance	Lance
		Ø2.0	Ø2.0
		Ø2.5	Ø2.5
		Ø2.8	Ø2.8
		Ø3.3	Ø3.3
		Ø3.8	Ø3.8
		Ø4.3	Ø4.3
		Ø4.8	Ø4.8
		Ø5.4	Ø5.4 (opt)
		Ø5.9	Ø5.9 (opt)

Super Wide Ø6.5

Regular Core Ø4.8

D1	D2	D3	D4
Extraction Socket	Extraction Socket	Extraction Socket	Lance
			Ø2.0
			Ø2.5
			Ø2.8
			Ø3.3
			Ø3.8
			Ø4.3
			Ø4.8
			Ø5.4 (opt)
			Ø5.9 (opt)

Super Wide Ø7.0

Regular Core Ø4.8

D1	D2	D3	D4
Extraction Socket	Extraction Socket	Extraction Socket	Lance
			Ø2.0
			Ø2.5
			Ø2.8
			Ø3.3
			Ø3.8
			Ø4.3
			Ø4.8
			Ø5.4 (opt)
			Ø5.9 (opt)

Super Wide Ø7.5

Regular Core Ø4.8

D1	D2	D3	D4
Extraction Socket	Extraction Socket	Extraction Socket	Lance
			Ø2.0
			Ø2.5
			Ø2.8
			Ø3.3
			Ø3.8
			Ø4.3
			Ø4.8
			Ø5.4 (opt)
			Ø5.9 (opt)

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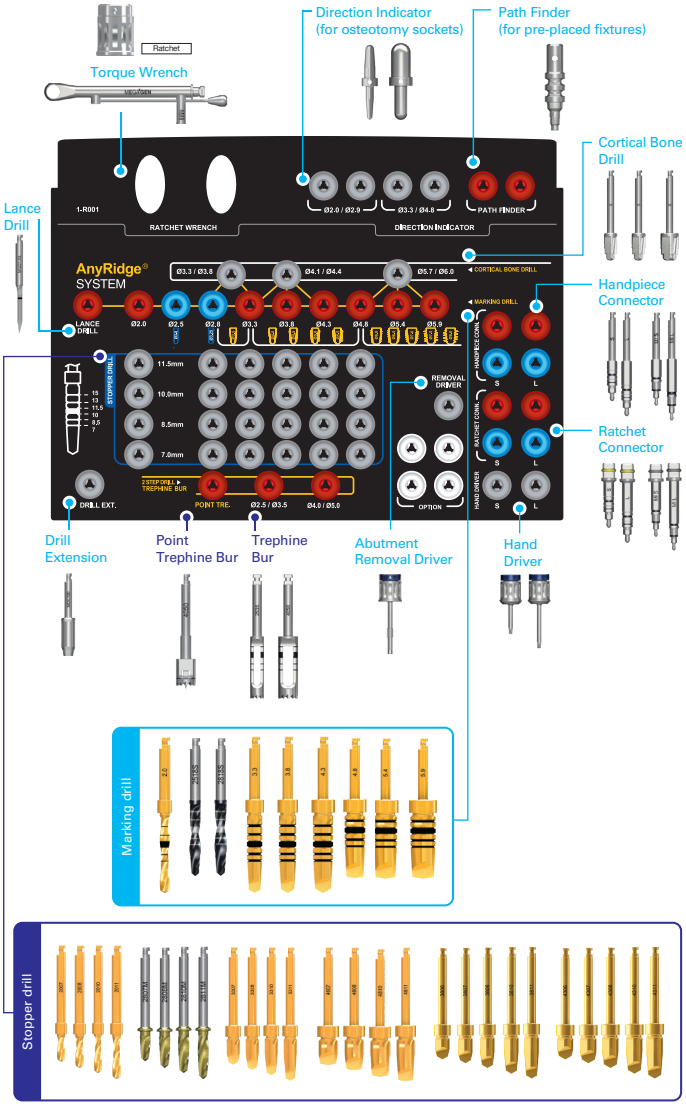
Surgical Kit

Full Type



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