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# COWELL® BMP Trephine Kit

An easy-to-use kit with drills and instruments for block-type bone collection, failed fixture removal, crestal & window approach for sinus lift and bone chip extraction.



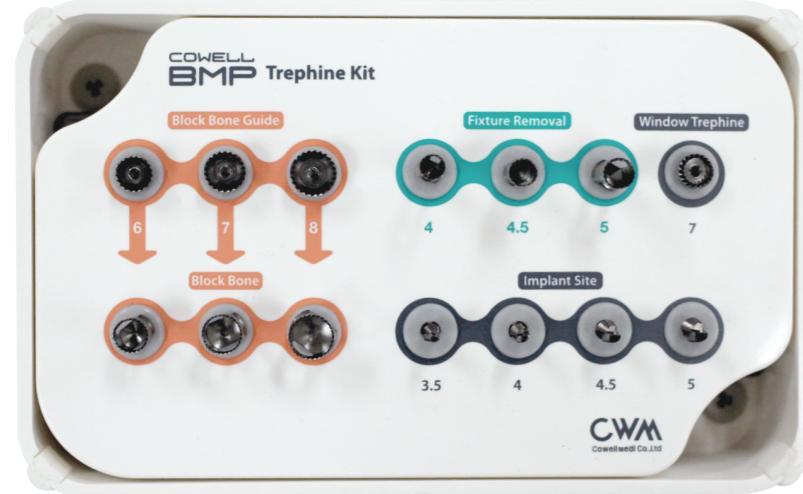
**CWM**

Cowellmedi Co., Ltd.

*The pioneers in Dental Implant & E.rhBMP-2*

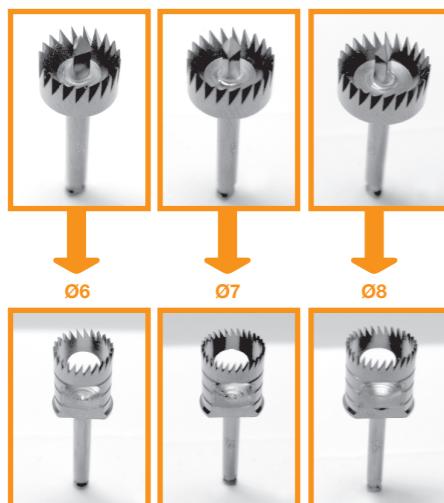
# COWELL® BMP Trehpine Kit [KBT001]

➤ An easy-to-use kit with drills and instruments for block-type bone collection, failed fixture removal, crestal & window approach for sinus lift and bone chip extraction.



## Trehpine Drill I: Block Bone Extraction

### Guide & Block Bone Trehpine Drill



## Trehpine Drill I: Failed Fixture Removal

### Fixture Removal



## Trehpine Drill II: Window Opening for Lateral Window Approach

### Window Trehpine



## Implant Site Drill : Sinus Lift & Bone Chip Extraction Prior to Implant Placement

### Implant Site



Product	Diameter	Code
Block Bone Guide Drill	Ø 6.0 (Inner)	KBGT60
	Ø 7.0 (Inner)	KBGT70
	Ø 8.0 (Inner)	KBGT80
Block Bone Trehpine Drill	Ø 6.0 (Inner)	KBT60
	Ø 7.0 (Inner)	KBT70
	Ø 8.0 (Inner)	KBT80
Fixture Removal Trehpine Drill	Ø 4.2 (Inner)	KFRT40
	Ø 4.7 (Inner)	KFRT45
	Ø 5.2 (Inner)	KFRT50
Window Trehpine Drill	Ø 7.0 (Outer)	KWTT60
Implant Site Drill	Ø 3.5 (Fixture)	KTIS35
	Ø 4.0 (Fixture)	KTIS40
	Ø 4.5 (Fixture)	KTIS45
	Ø 5.0 (Fixture)	KTIS50

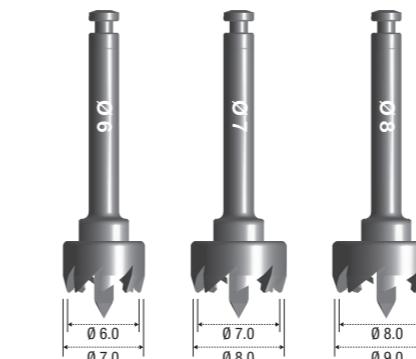
## Trehpine Drill I Block Bone Extraction

This Drill allows the collection of block-type autogenous bone with a required size in the case of regenerating a wide bone defect and severe bone resorption.

### Block Bone Guide

➤ This guide helps the target block bone to be accurately positioned and the Trehpine Drill to be stably engaged with the bone.

➤ Desired rpm: 800~1,000 rpm.

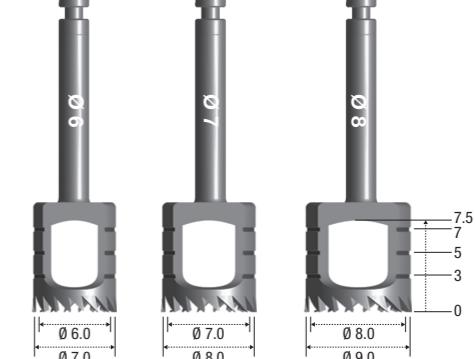


Diameter	Ø 6.0 (Inner)	Ø 7.0 (Inner)	Ø 8.0 (Inner)
	KBGT60	KBGT70	KBGT80

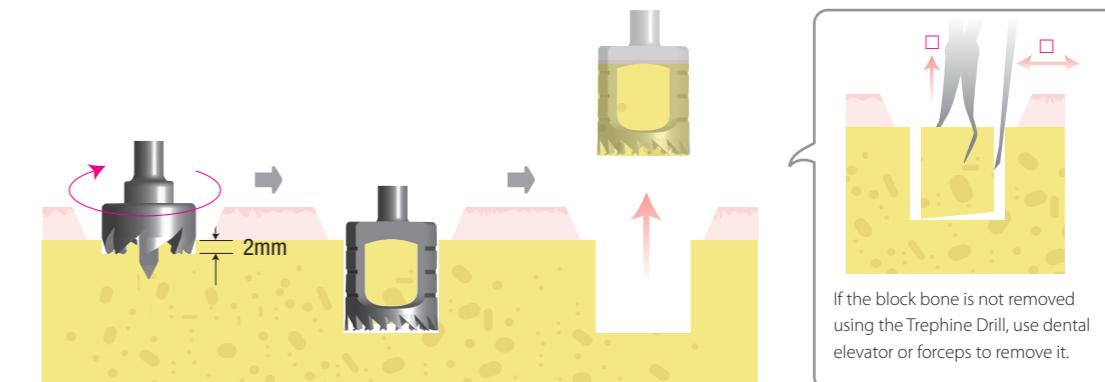
### Block Bone Trehpine Drill

➤ This drill is engaged with the bone groove with the help of the block bone guide to collect the block bone with a desired size.

➤ Desired rpm: 800~1,000 rpm.

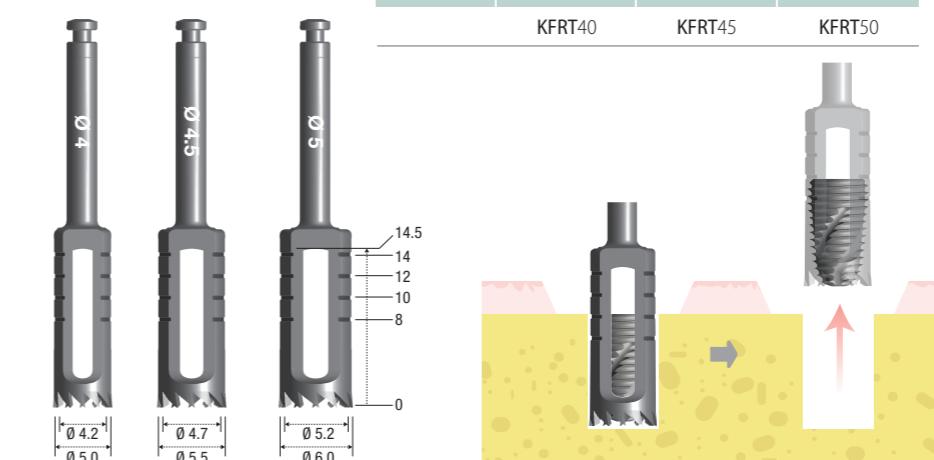


Diameter	Ø 6.0 (Inner)	Ø 7.0 (Inner)	Ø 8.0 (Inner)
	KBT60	KBT70	KBT80



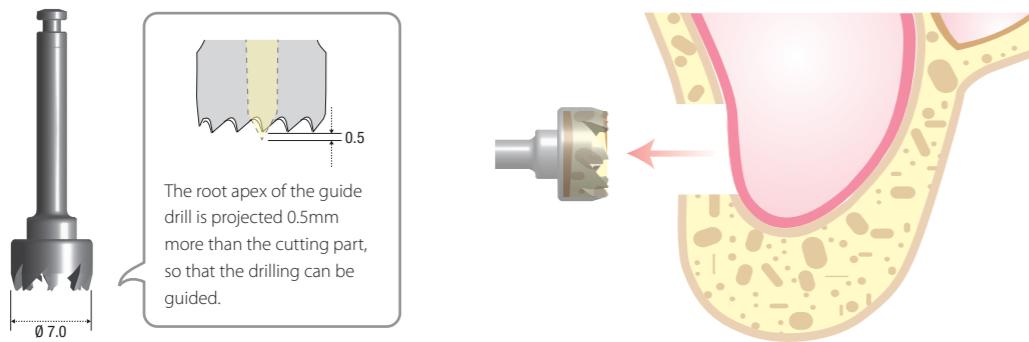
## Trehpine Drill II Failed Fixture Removal

Diameter	Ø 4.2 (Inner)	Ø 4.7 (Inner)	Ø 5.2 (Inner)
	KFRT40	KFRT45	KFRT50



## Trephine Drill III Window Opening for Lateral Window Approach

Diameter  $\varnothing 7.0$  (Outer)  
KWTT60

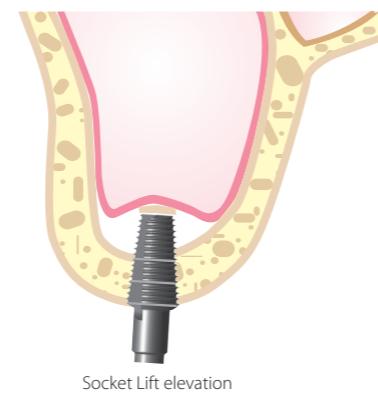
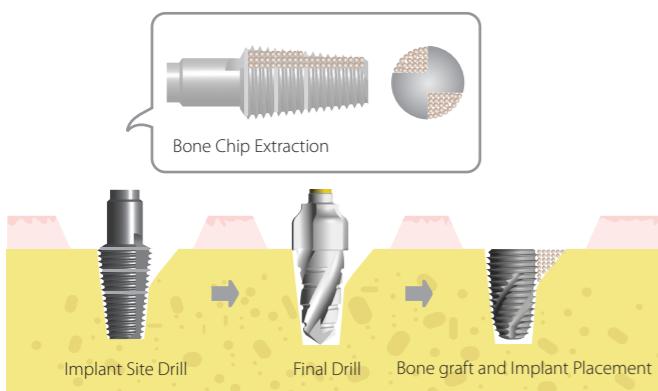


## Implant Site Drill Sinus Lift & Bone Chip Extraction Prior to Implant Placement

Diameter  $\varnothing 3.5$   $\varnothing 4.0$   $\varnothing 4.5$   $\varnothing 5.0$   
KTIS35 KTIS40 KTIS45 KTIS50



- > Used before the Final Drill is used (simplified drilling sequence).
- > Advantageous for securing autogenous bone.
- > Less rpm drilling leads to low bone heating.
- > Also used as a sinus lift tool (socket lift elevation).
- > Desired rpm : 20~30 rpm.



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