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#### Removal Kit (KCR001)

This product has tools for the safe and quick removal of fractured abutments or screws.



#### **Abutment Removal Driver**





Guide



KART01

KSRG20

KSD30

**Slot Driver** 



**Screw Removal Driver** 



**Tap Repair Driver** 



**Machine Adapter** 

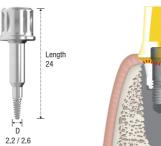


# Abutment Removal Driver For fractured two-pieces type abutments

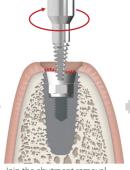
- > When the abutment connection part is fractured and cold-welded, join the abutment removal driver in the forward direction to the connection part, and remove it by pulling it up (mallet technique applicable).
- > KART01 : For removing M1.6 screw

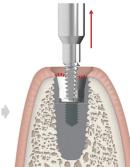
> KART01 : For removing M1.6 screws	Applicable to : Sub. Octa. type
> KART02 : For removing M2.0 screws	Applicable to : Sub. Hex. type

Diameter	Ø2.2	Ø2.6
	KART01	KART02



fractured.





After the removal of the coping screw, the fractured abutment connection part is cold-welded and cannot be removed.

Join the abutment removal driver to the fractured part.

Pull it up or use a mallet to

Tip

Use a torque wrench to remove the cold-welding condition from the inside of the fixture and fractured



Repeat steps 1 and 2 three times.

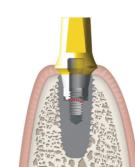
Fasten with the torque wrench using a torque wrench. while slightly shaking the driver with your hand in every direction.

#### **Screw Removal Driver** For removing the screw fractured in the fixture

- > Used when the coping screw or one-piece abutment screw is fractured, or when the screw is fractured in the fixture and cannot be removed.
- > Join the guide to the fixture, and turn the screw removal driver counterclockwise for removal.
- > Guide is not applicable to the types other than the sub type.
- > KSR16 : For removing M1.6 screws Applicable to : Sub Octa. / Ext Mini Type
- > KSR20 : For removing M2.0 screws Applicable to : Sub. Hex. / Int. / Ext. Regular / Ext. Wide(Hex 2.7) Type

Diameter	Ø1.1	Ø1.5	
	KSR16	KSR20	

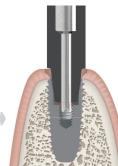




fractured due to load.







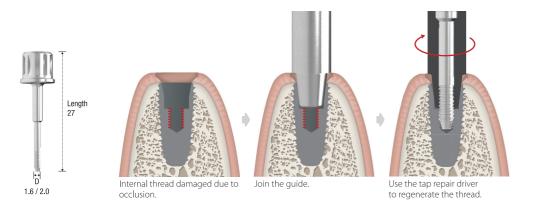
Join the screw removal driver to remove the fractured screw.

-1--2-

# Screw Tap Repair Driver For the regeneration of damaged thread in the fixture

- > Used to regenerate the damaged thread in the fixture.
- > Join the guide to the damaged fixture, and regenerate the thread using the tap repair driver (Forward direction).
- > KTR16: For regeneration when the screw in the M1.6 Fixture has been damaged.
- > KTR20: For regeneration when the screw in the M2.0 Fixture has been damaged.

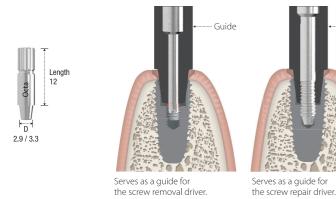
Diameter	Ø1.6	Ø2.0
	KTR16	KTR20



#### **Guide** Serves as a guide for the screw removal driver and screw repair driver

> KSRG16 :	Applicable to : Sub. Octa. type	Diameter
> KSRG20:	Applicable to : Sub. Hex. type	

Diameter	Ø2.9	Ø3.3
	KSRG16	KSRG20



### Machine Adapter Required when used with a machine type ratchet

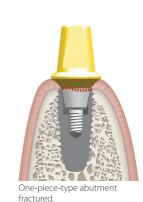


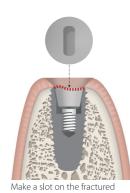
-3-

# **Slot Driver** Used for fractured one-piece-type abutment, healing, damaged cover screw

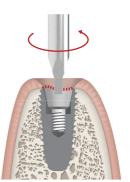
- > KHD0827 : For fractured one-piece-type abutment.
- > KSD30 : For healing and damaged cover screw hex part.





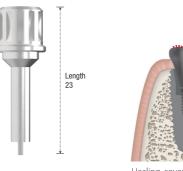


section using round burr, etc.

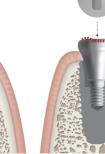


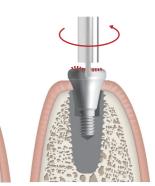
Removal Kit

Join the driver to the slot, and turn it backwards to remove the fractured part.









Make a slot on the fractured section using round burr, etc.



Healing, cover screw hex. part damaged.

-4-

Join the driver to the slot, and turn it backwards to remove the fractured part.