

Neo All-in-One Remover Kit

2025.08



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All-in-One Remover Kit **Features**

01/ Removing Fixture

With stronger power than before

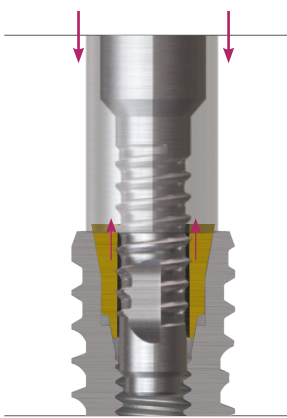
Compared to the existing single structure, the double fastening structure of Fixture Remover Hex/Octa and Fixture Remove Positioner allows removal with strong force (up to 400N/cm).



02/ Removing Abutment

Safest without fixture damage

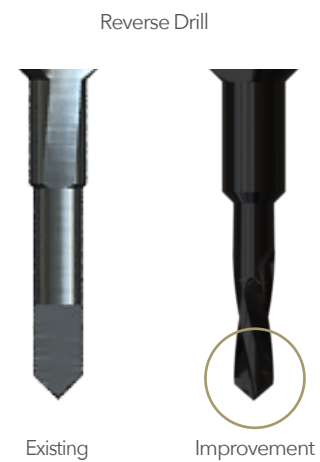
By applying vertical force rather than lateral force for abutments that are difficult to remove, the risk of damage to the fixture is minimized—allowing for safer and more efficient abutment removal.



03/ Removing Fractured Screw

Safe and Fast

The blade design of the previous Reverse Drill has been redesigned to enhance cutting efficiency, allowing for faster and more stable removal of fractured screw.



04/ Integrated Repair Solution Kit

Implant Follow-up management with All-in-One Kit

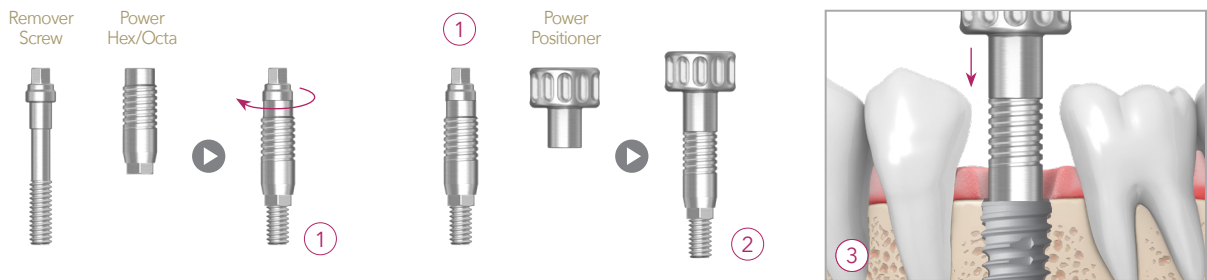
‘All-in-One Remover Kit’ provides all Repair Solutions. All complications can be resolved with just one kit.



All-in-One Remover Kit



A Fixture Remover Technique Guide



Step 1.

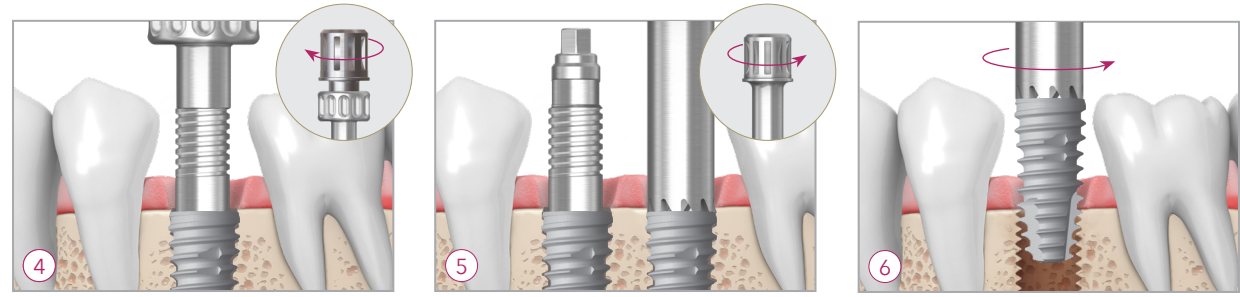
Turn the Remover Screw clockwise to securely connect it to the Power Hex/Octa.

Step 2.

Secure the Power Positioner on to the upper part of the '①' assembly.

Step 3. Connect to Fixture

Hold the Power Positioner firmly and carefully insert the lower connector from '②' into the fixture and ensure a precise fit.



Step 4. Engage with Fixture

Use the FR Driver to turn the Remover Screw clockwise (maximum torque: 30N/cm) for secure fixture engagement.

Step 5. Attach Fixture Remover

Remove the FR driver and Power Positioner, then connect the Fixture Remover by rotating it counter-clockwise.

Step 6. Remove Fixture

Use the Torque Control Device to remove the fixture by turning it counter-clockwise.

A

Fixture Remover

Components

Power Hex/Octa



Type	Size	Product name
Internal	Hex2.1	PH21
	Hex2.5	PH25
	Octa3.1	PO31
External	Hex2.4	PHE24*
	Hex2.7	PHE27*
	Hex3.4	PHE34*

* Option

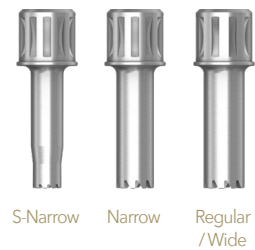
Remove Screw



Type	Size	Product name
Internal	M1.6	RS16
Internal /External	M2.0	RS20
External	M1.6	RSE16*
	M2.0	RSE25*

* Option

Fixture Remover



Size	Product name	Compatible Power Hex/Octa
S-Narrow	FRSN	PH21
Narrow	FRN	PH25/PO31/PHE24/
Regular/Wide	FRRW	PHE27/PHE34

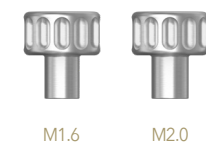
FR Screw Driver



Product name
HDF1617*

* Option

Power Positioner



Size	Product name
M1.6	PPSN
M2.0	PPNRW

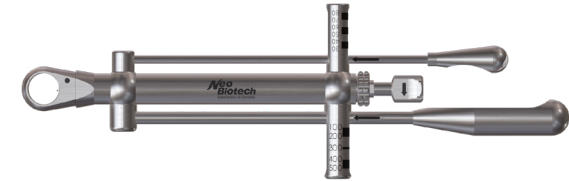
FR Driver



Product name
FD

※ It is used to loosen or tighten the Fixture Remove Positioner, or to extend the length of the Fixture Remover.

Torque Ratchet



Size	Product name
Body	TW80400
Cylinder	FRCHT

Fixture Remove Wrench



Product name
FRW



※ If the Fixture Remover and fixture cannot be separated, secure the fixture to the Fixture Wrench and then separate it by tightening the Torque Control Device.

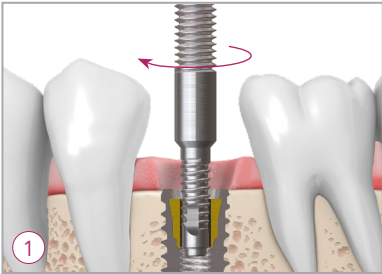
Fixture Removing Torque

Fixture Type	Fixture Size	Fixture Remover	Power Hex/Octa	Remover Screw	Maximum Torque (N-cm)
IS	S-Narrow (Ø3.2)	FRSN	PH21	RS16	200
	Narrow (Ø3.5)	FRN	PH25	RS20	200
	Regular/Wide (Ø4.0/Ø4.5/Ø5.0/Ø5.5/Ø6.0/Ø7.0)	FRRW	PH25	RS20	400
IT	Narrow (Ø3.5)	FRRW	PO31	RS20	200
	Regular/Wide (Ø4.0/Ø4.5/Ø5.0/Ø5.5/Ø6.0)	FRRW	PO31	RS20	400
EB	Narrow (Ø3.5)	FRN	PHE24	RSE16	200
	Regular/Wide (3i) (Ø4.0/Ø4.5/Ø5.0)	FRRW	PHE27	RS20	400
	Wide (Branemark) (Ø5.0/Ø5.5/Ø6.0)	FRRW	PHE34	RSE25	400

Type of fixture by brand that can be removed

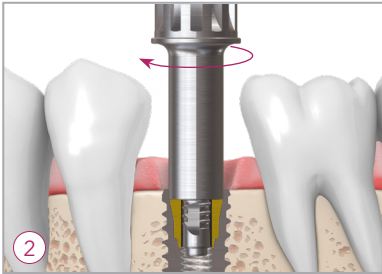
Company	Compatible implant	Remover Screw	Power Hex/Octa
Osstem	TS, GS	RS20	PH25
	TS-mini	RS16	PH21
Dentium	Super Line, Implantium II	RS20	PH25
	Simple Line II	RS20	PO31
Megagen	ST, AnyOne-Internal	RS20	PH25
	AnyOne-Onestage	RS20	PO31
Dio	UF-II (Submerged)	RS20	PH25
Dentis	SQ, S-Clean	RS20	PH25
	SQ-mini	RS16	PH21
	i-Clean	RS20	PO31
Warantec	UT, IU	RS20	PH25

B Abutment Remover **Technique Guide**



Insert Abutment Remover

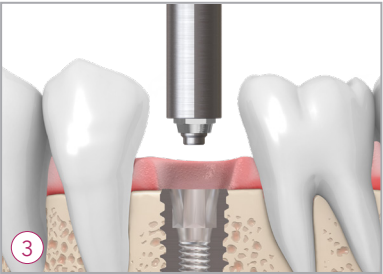
After connecting Abutment Remover with Hex driver which is mounted with extend adapter, rotate clockwise until you feel the fractured abutment locking in place by hand or using a Torque Control Device (maximum 60N/cm).



Connect Abutment Remover Grip

Apply the Abutment Remover Grip to the fixed abutment. Rotate the remover clockwise until you feel resistance.

In the case of non-hex or weak cold welding, it can be removed by slightly moving it left and right.



Remove Abutment

If removal is not possible in the previous step, using the Torque Control Device, slowly increase the force and rotate clockwise to remove the abutment.

If it is not removed even after 60N/cm, remove it by moving it left and right.

B Abutment Remover **Components**

Abutment Remover



Product name
AR20

Abutment Remover Grip



Product name
ARG

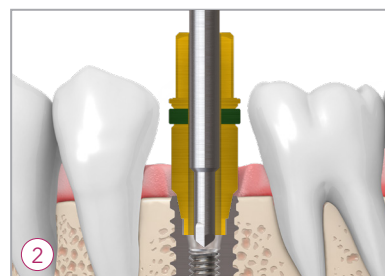
© Screw Remover **Technique Guide**

Trial 1



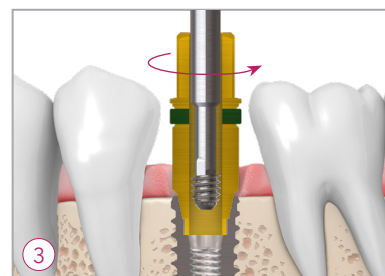
Connect a guide that matches fixture size

After selecting a guide that meets the fixture connection specifications, mount it inside the fixture using the Guide Handle.



Insert a Claw

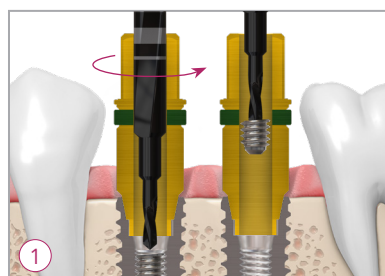
Select the claw that matches the fixture screw size, attach it to the Shank Driver, insert it into the guide, and position it to contact the fractured screw surface.



Remove fractured screw

While applying gentle pressure on the claw, rotate it counter-clockwise to remove the fractured screw.

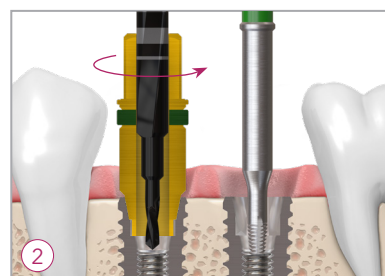
Trial 2



Create hole in screw / remove screw

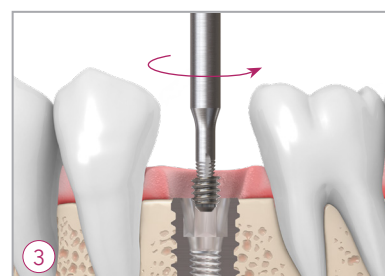
Insert the Reverse Center Drill into the guide and drill counterclockwise to 1~2mm based on the screw fracture surface (maximum 1200rpm).

Slightly lift the Reverse Center Drill and guide the fractured screw at the tip to come out.



Insert a Screw Remover

If it cannot be removed in the previous step, use a screw remover with a shank driver attached to the hole formed by drilling and turn it by hand, or connect the screw remover to the handpiece to remove it.



Remove fractured screw

Position the claw to make firm contact with the prepared hole. Apply appropriate pressure and rotate in reverse to guide the fractured screw out. (proceeds below 80rpm when using the surgical engine.)

© Screw Remover **Components**

Claw



Size	Product name
M1.6	CD16
M2.0	CD20
M2.5	CD25

Shank Driver



Product name
SHD00

Internal Guide



Size	Product name
Hex2.1	IHG21L
Hex2.5	IHG25L
Octa3.1	IOG31
Conical	CG00L

External Guide



Size	Product name
Hex2.4	EHG24*
Hex2.7	EHG27*
Hex3.4	EHG34*

* Option

Reverse Center Drill



Product name
RCD10T

Screw Remover



Product name
SR10

© Screw Remover Components

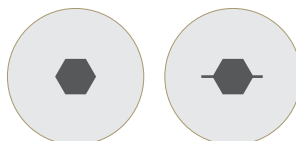
Guide Handle



Product name

SRGH

Slot Driver



※ When the hex hole is worn and cannot be used with a regular driver, use a 330 Bur to create a long space and remove it with a slot driver.

Length(mm)	Product name
10	SLOTD10S*
15	SLOTD15S

*Option