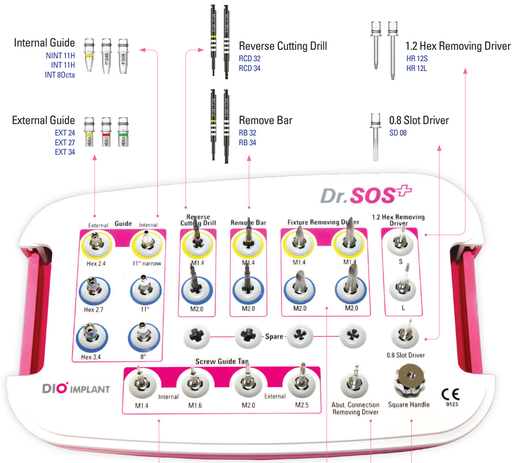
Dr. SOS+ Kit

I Order Code : DRS 02



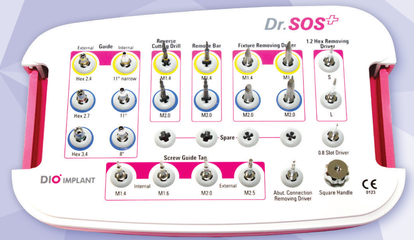
*Bottom Case : Square Wrench
DSW 050

DR. SOS PLUS VER.3_E 2019.10

DIO IMPLANT

Dr.SOS+

Immediate Action For Emergency

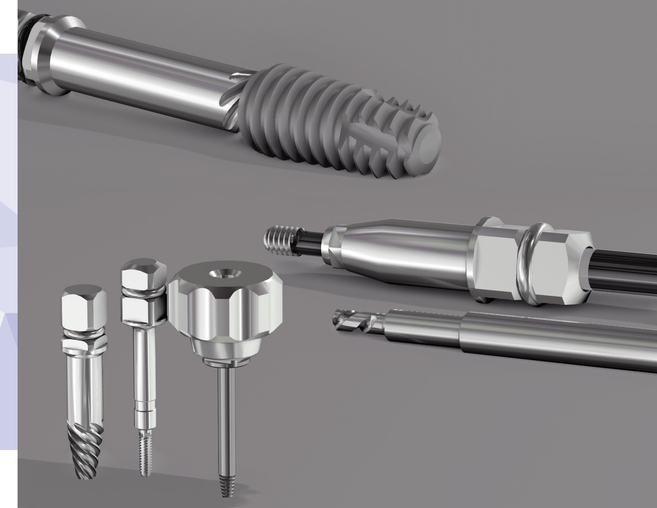


DIO IMPLANT

Immediate Action For Emergency

Dr.SOS+

The Dr. SOS+ KIT is designed for emergency situations allowing a much simpler and safer way to remove fractured screws or stripped hexes. The KIT also provides tools for easy removal of microorganisms in the implant site.

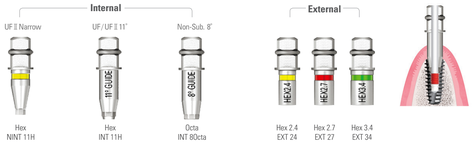


1 Removal of Fractured Abutment Screws

※ Connect to our QR code to see removals in action!

▪ Guide Square Head Type

Allows easy and accurate insertion of the Remove bar or Reverse cutting drill into the fixture.

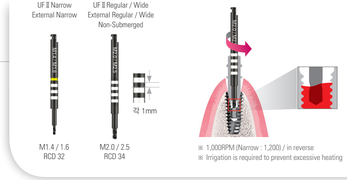


▪ Reverse Cutting Drill

Used to remove fractured abutment screws by inserting the drill to the fixture and turning anti-clockwise.

TIP

The 1.2 Hex removing drill can be used for the removal of abutment screws that are not removable with the reverse cutting drill, by using the screw's surface holes.

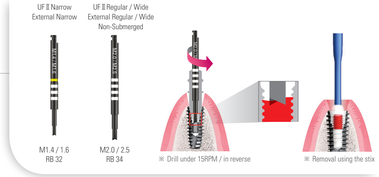


▪ Remove Bar

Used to remove fractured abutment screws by attaching the bar's blade end with the residual surface and turning anti-clockwise.

TIP

The stix can be used for the removal of abutment screws that are not removable with the remove bar.



Fractured screw images

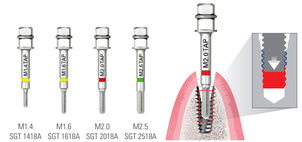
2 Restoring distorted or damaged connections

▪ Screw Guide Tap

Allows the restoral of distorated or damaged screw threads which hinder abutment-to-fixture attachment, caused by the penetration of microorganisms in the connection part or stripping of the screw thread.

TIP

Insert the square wrench and turn clockwise until there is resistance. Insert the screw guide tap and turn anti-clockwise and remove, then insert again and continue to tap turning clockwise; repeat 2-3 times.



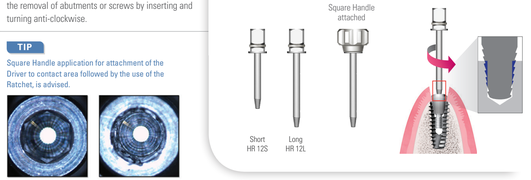
▪ 1.2 Hex Removing Driver

When use of the 1.2 Hex driver is not possible due to microorganisms in the 1.2 Hex connection part or the screw is stripped, use the removing driver for the removal of abutments or screws by inserting and turning anti-clockwise.

TIP

Square Handle application for attachment of the Driver to contact area followed by the use of the Ratchet, is advised.

※ Connect to our QR code to see removals in action!



▪ 0.8 Slot Driver

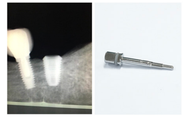
If removal with the driver is not possible due to severe wear in the connection part, use the bur to create a slot with a minimal depth of 1mm and remove using the 0.8 Slot driver.

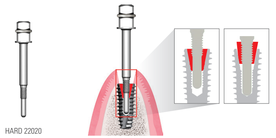
▪ Abutment Connection Removing Driver

If there is fractured residue remaining in the abutment connection part which is impossible to remove, attach the removing driver to the inner fixture and turn clockwise to contact the driver end with the bottom, for removal.

TIP

Push down and turn so the driver does not rotate on its own.





3 Removal of implants

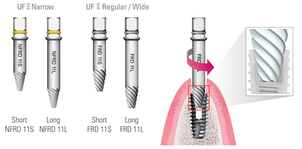
※ Connect to our QR code to see removals in action!

▪ Fixture Removing Driver

Allows the removal of placed implant by inserting to the fixture and turning anti-clockwise.

TIP

- Remove any soft tissue and bone surrounding the fixture platform area before connecting the driver.
- Attach the removing driver to the conical joint inside the fixture and turn anti-clockwise.

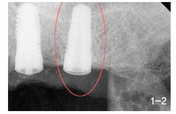


Use the fixture removing driver to remove the fractured fixture.

Applications

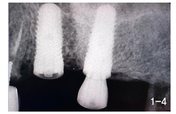
Case / 1

Fractured #26 Abutment connection (Hex) and screw.
Fractured #27 Abutment connection. (Hex)

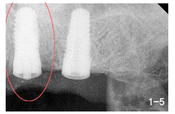


Fractured #27 Abutment connection. (Hex)

Removal using the abutment removing driver and Wrench in clockwise motion.



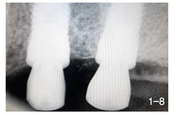
Attachment of the H-Scan body.



Fractured #26 Screw and Abutment connection. (Hex)

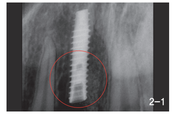
Removal of the fractured screw first using the remove bar.

Removal using the crown remover after attaching the fixture removing driver.



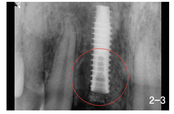
Final attachment of the H-Scan body upon completion of removal.

Case / 2



Fractured screw inside the fixture.

Removed fractured screw.



If attachment of the abutment is difficult due to microorganisms infiltrating the connection part, removal is possible using the reverse cutting drill.

Attachment of the final prothesis.