

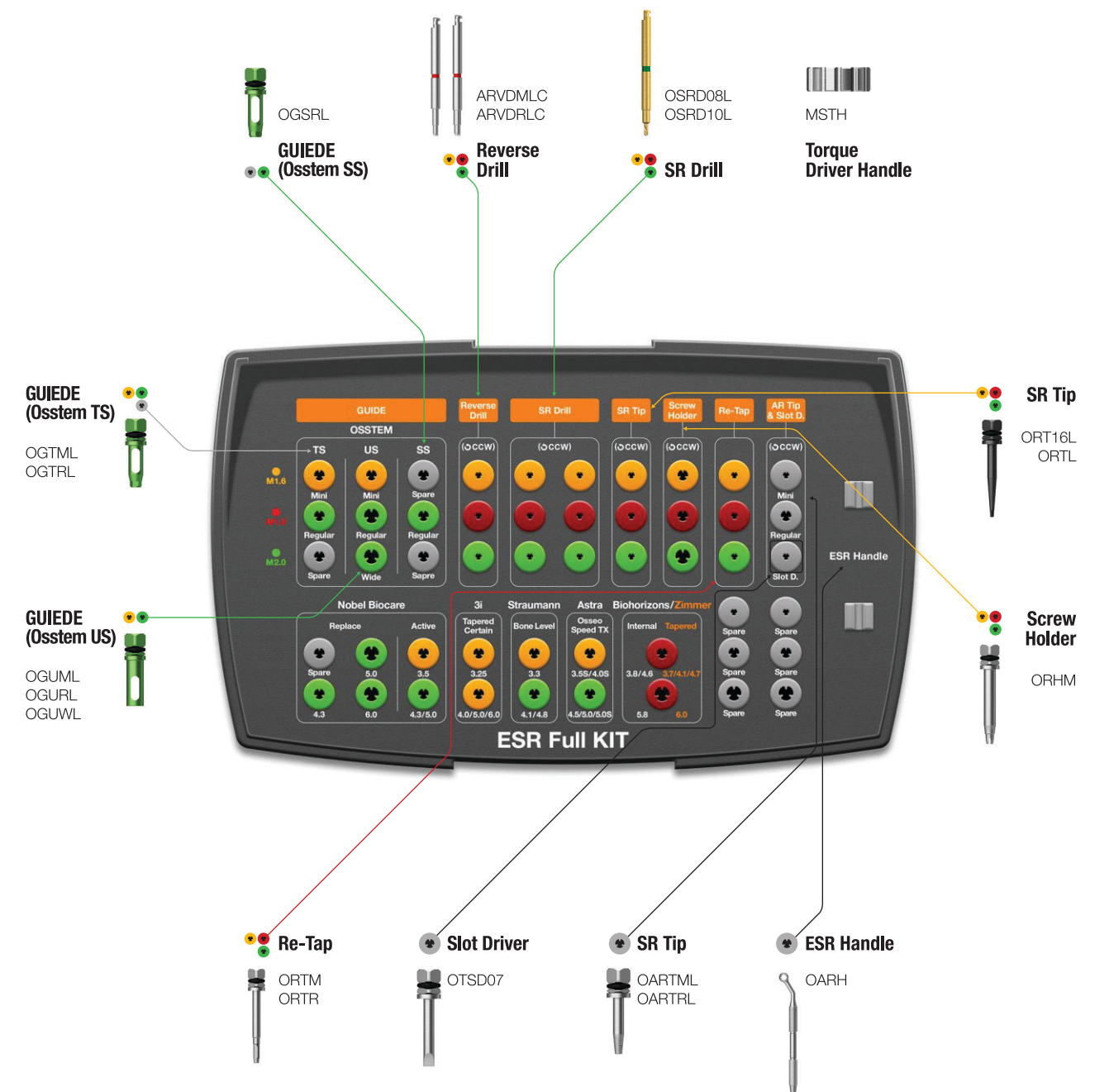
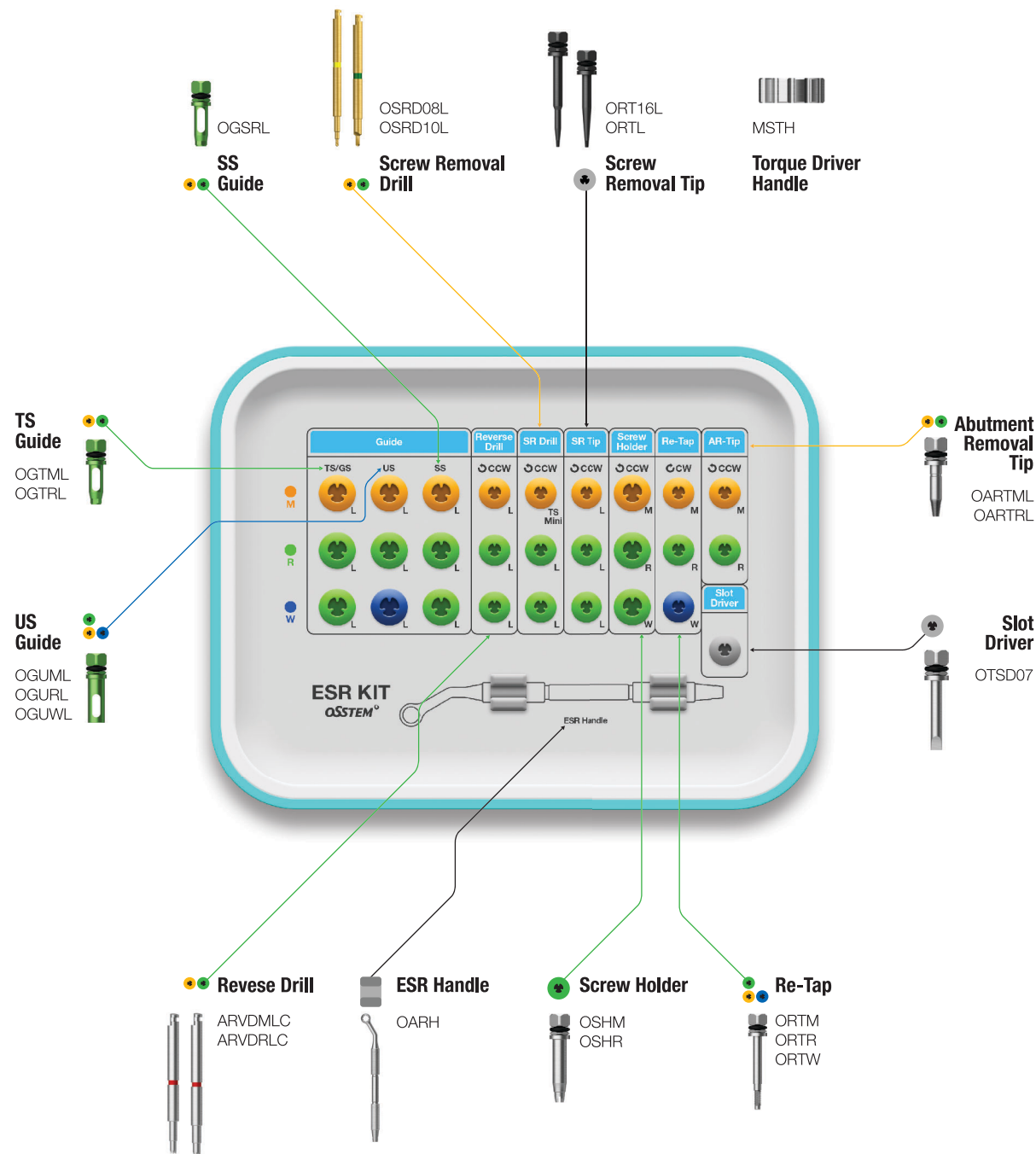
ESR KIT Easy Screw Removal KIT (OESRK)



ESR Full KIT Easy Screw Removal Full KIT (OESRFK)

• It is a KIT that has the same components as ESR KIT and can be mounted on competitors' components

For Nobel Biocare Active/Replace / Straumann Bone Level / Astra Osseo Speed TX
3i Full OSSEOTITE Tapered Certain / Zimmer Tapered / Biohorizons Internal



ESR Full KIT Surgical Instruments

Items that are not included in the KIT

Guide							
Nobel	Active OGNA01L OGNA02L	Replace OGNR02L OGNR03L OGNR04L	3i	Tapered Certain OGIF01L OGIF02L	Straumann	Bone Level OGSB01L OGSB02L	Roxolid SLActive OGSTROS OGSTROL
Astra	Osseo Speed TX OGAO01L OGAO02L		Biohorizons	Internal OGZB01L OGZB02L	External OGUBS OGUBL	Zimmer	Tapered OGZB01L OGZB02L
SR Drill OSRD09L	SR Tip ORT18L		Screw Holder OSHR18L		Re-Tap ORTR18L		

Guide

- It is fixed to the fixture to prevent shaking of SR drill and SR tip
- Use according to fixture type and diameter
(6 overseas companies' internal and submerged type products)
- Select short or long depending on opposite teeth's distance
- ■ Common use
- C = Connection / F = Fixture / the number of use : 10 times

Osstem

C \ Type	TS		SS		US	
	Short	Long	Short	Long	Short	Long
Mini	OGTMS	OGTML	OGUMS	OGUML	OGUMS	OGUML
Regular	OGTRS	OGTRL	OGSRS	OGSRL	OGURS	OGURL
Wide	-	-	OGSRS	OGSRL	OGUWS	OGUWL

Nobel Biocare

F \ Type	Active		Replace	
	Short	Long	Short	Long
Ø4.3	OGNA02S	OGNA02L	OGNR02S	OGNR02L
Ø5.0	OGNA02S	OGNA02L	OGNR03S	OGNR03L
Ø6.0	-	-	OGNR04S	OGNR04L

Nobel Biocare

F \ Type	MkIII	
	Short	Long
Ø3.3	OGUMS	OGUML
Ø3.75	OGURS	OGURL
Ø4.0	OGURS	OGURL
Ø5.0	OGUWS	OGUWL

Straumann

F \ Type	Bone Level	
	Short	Long
NC (3.3)	OGSB01S	OGSB01L
RC (4.1)	OGSB02S	OGSB02L
RC (4.8)	OGSB02S	OGSB02L

F \ Type	Roxolid SLActive	
	Short	Long
RN (3.3)	OGSTROS	OGSTROL
RN (4.1)	OGSTROS	OGSTROL
RN (4.8)	OGSTROS	OGSTROL
WN (4.8)	OGSTROS	OGSTROL

Astra

F \ Type	Osseo Speed TX	
	Short	Long
Small (3.5 S)	OGAO01S	OGAO01L
Small (4.0 S)	OGAO01S	OGAO01L
Large (4.5)	OGAO02S	OGAO02L
Large (5.0)	OGAO02S	OGAO02L
Large (5.0 S)	OGAO02S	OGAO02L

ESR Full KIT Surgical Instruments

3i

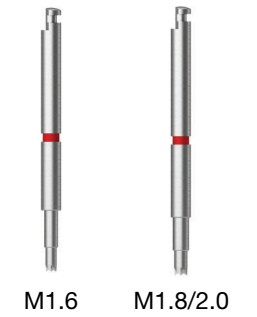
F \ Type	Full Osseotite Tapered Certain	
	Short	Long
3.25	OGIF01S	OGIF01L
4.0	OGIF02S	OGIF02L
5.0	OGIF02S	OGIF02L
6.0	OGIF02S	OGIF02L

F \ Type	Full Osseotite Tapered	
	Short	Long
Ø4.0	OGURS	OGURL
Ø5.0	OGURS	OGURL
Ø6.0	OGURS	OGURL

Reverse Drill

- Equipment used to remove fracture screw
- Be sure to use with guide that matches fixture
- If the red marking of the reverse driver is visible on the guide fastened to the fixture, remove the fracture screw using a screw holder
- For hand mode / Direction of rotation : counterclockwise / The number of use : 10 times
- F = Fixture

L \ Type	M1.6	M1.8	M2.0
Short	-	ARVDRSC	ARVDRSC
Long	ARVDMLC	ARVDRLC	ARVDRLC



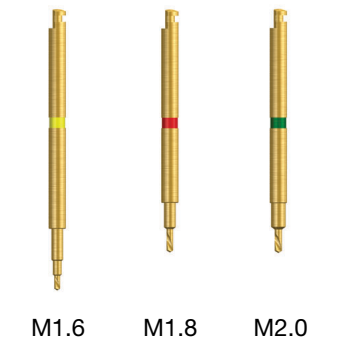
Zimmer

F \ Type	Tapered	
	Short	Long
Green (3.7)	OGZB01S	OGZB01L
Green (4.1)	OGZB01S	OGZB01L
Green (4.7)	OGZB01S	OGZB01L
Green (6.0)	OGZB02S	OGZB02L

Screw Removal Drill (SR Drill)

- Used to remove for the formation of holes in the fractured screw
- Make sure to connect the guide, irrigate with saline solution and remove any debris by suction
- Available in long and short lengths for different intermaxillary distances
- Drill until the red color marker is no longer visible
- Recommended speed: 1,200~1,500 rpm (counterclockwise) / Number of uses : 5 times
- ※ Connect the guide before use/Do not apply excessive vertical force / Do not clean with hydrogen peroxide
- ※ Disposable; do not re-use
- Short : single unit purchase available

L \ Type	M1.6	M1.8	M2.0
Short	OSRD08S	OSRD09S	OSRD10S
Long	OSRD08L	OSRD09L	OSRD10L



Biohorizons

F \ Type	Internal (Tapered Bone Level)	
	Short	Long
	Yellow	OGZB01S
Green	OGZB01S	OGZB01L
Blue	OGZB02S	OGZB02L

F \ Type	External	
	Short	Long
	Ø3.5	OGUMS
Ø4.0	OGURS	OGURL
Ø5.0	OGUBS	OGUBL
Ø6.0	OGUBS	OGUBL

Torque Driver Handle

- Manual handle for SR Tip, AR Tip, screw holder



MSTH

ESR Full KIT Surgical Instruments

Reverse Driver

- Removes fractured screws
- Select the propriate guide that matches the fixture
- Operate the driver in reverse, when the red marker appears above the guide, stop and disconnect the driver. Connect the screw holder to remove the screw.
- For hand mode / Rotate counterclock wise / Number of usages : 10 times
- F = Fixture

L \ F	Mini	Regular/Wide
Short	-	ORVDRS
Long	ORVDML	ORVDRL



Mini Regular/Wide

Re-tap

- Re-threads the internal connection of a fixture, if the screw does not properly engage and tightens
- Connects to a torque wrench or ratchet wrench to re-thread

Type	M1.6	M1.8	M2.0
	ORTM	ORTR18	ORTR



Screw Removal Tip (SR Tip)

- Engage counterclock wise into the drilled hole made by the screw removal drill (SR drill) of a fractured screw, continue to rotate to remove screw
- Rotation direction : counterclock wise

L \ Type	M1.6	M1.8	M2.0
Short	ORT16S	ORT18S	ORTS
Long	ORT16L	ORT18L	ORTL



ESR Handle

- Tools to fix guide to fixture

Type	OARH
	OARH



Screw Holder

- Grasps onto a protruding fracture screw and unscrews it
- Color-coded
- Rotation direction : counterclock wise

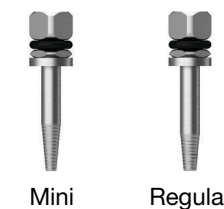
Type	M1.6	M1.8	M2.0
	OSHM	OSHR18	OSHR



Abutment Removal Tip (AR Tip)

- Removes the remaining part of a fractured abutment or mount in a fixture.
- Engage the tip into the fractured abutment counterclock wise. Using forceps, grasp the removal tip and rock back and forth until the fractured abutment is freed.
- Mini : it can be used to remove a screw with a stripped hex
- To remove the screw, engage the tip into the stripped hex and rotate counterclock wise

L \ Type	Mini	Regular
Short	OARTMS	OARTRS
Long	OARTML	OARTRL
Ex.Long	OARTMEL	OARTREL



Mini Regular

ESR Full KIT Surgical Instruments

Slot Driver

- Cut a slot on a stripped hex; healing abutment, cover screw, or abutment screw using a Ø0.8 bur to unscrew



Transfer Abutment Separate Tool

- Removes stuck or wedged non-hex transfer abutments
- Separate tool tip fits mini abutments; regular tools can also be used through the second groove
- After removing the abutment screw, insert the separate tool body into the abutment. Fasten the driver, securely joining the separate tool body and abutment. Remove the abutment. If this does not release abutment from the fixture, retighten with a ratchet wrench to the driver and try again.



Driver	Body	Set
TASD	TASB	TAST

