



ORTHODONTICS SYSTEM

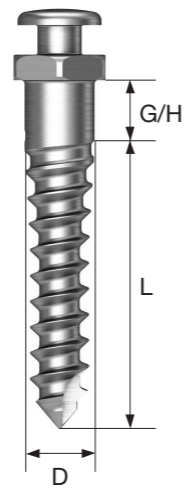
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166 Ortho KIT
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OrthAnchor Simple Head

Simple Head

- Machined surface
 - Material : Ti-6Al-4V
 - No through-hole
 - Connected component : coil spring(Ø 2.5), power chain, elastic band
- * G/H 4.0 TYPE IS A MAKE-TO-ORDER PRODUCT



D Ø1.2

G/H \ L	6	8	10
1.5	OSSH1206	OSSH1208	-

D Ø1.4

G/H \ L	6	8	10
1.5	OSSH1406	OSSH1408	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSSH1606	OSSH1608	OSSH1610
4.0	OSSH16064	-	-

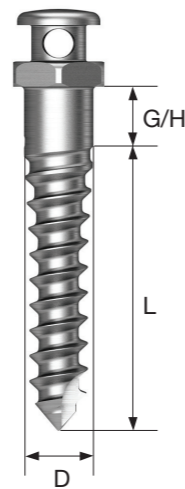
D Ø1.8

G/H \ L	6	8	10
1.5	OSSH1806	OSSH1808	OSSH1810
4.0	OSSH18064	-	-

OrthAnchor Through Hole

Through Hole

- Machined surface
- Material : Ti-6Al-4V
- D (through-hole) : \varnothing 0.8
- Connected component : arch wire(round), coil spring(\varnothing 2.5), power chain, elastic band
- ※ G/H 4.0 TYPE IS A MAKE-TO-ORDER PRODUCT.



D \varnothing 1.6

G/H \ L	6	8	10
1.5	OSTH1606	OSTH1608	OSTH1610
4.0	OSTH16064	-	-

D \varnothing 1.2

G/H \ L	6	8	10
1.5	OSTH1206	OSTH1208	-

D \varnothing 1.8

G/H \ L	6	8	10
1.5	OSTH1806	OSTH1808	OSTH1810
4.0	OSTH18064	-	-

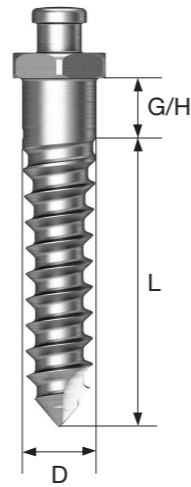
D \varnothing 1.4

G/H \ L	6	8	10
1.5	OSTH1406	OSTH1408	-

OrthAnchor Small Head

Small Head

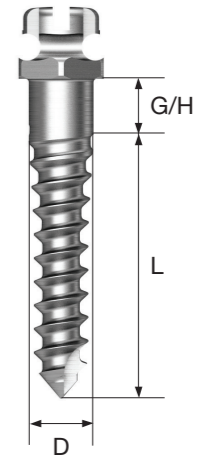
- Machined surface
- Material : Ti-6Al-4V
- D (head) : \varnothing 1.48
- Connected component : coil spring(\varnothing 1.5/2.0/2.5), power chain, elastic band



OrthAnchor Bracket Head

Bracket Head

- Machined surface
- Material : Ti-6Al-4V
- Excellent compatibility with various arch wires
- Easy path adjustment with the cross wire slot
- Connected component : arch wire(rec./round), coil spring(\varnothing 2.5), power chain, elastic band



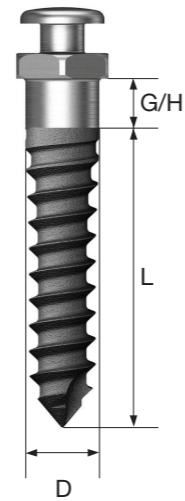
D \varnothing 1.4	G/H \ L		6	8	10
1.5		OSSH1406	OSSH1408	-	
D \varnothing 1.6	G/H \ L		6	8	10
1.5		OSSH1606	OSSH1608	OSSH1610	
D \varnothing 1.8	G/H \ L		6	8	10
1.5		OSSH1806	OSSH1808	OSSH1810	

D \varnothing 1.4	G/H \ L		6	8	10
1.5		OSBH1406	OSBH1408	-	
D \varnothing 1.6	G/H \ L		6	8	10
1.5		OSBH1606	OSBH1608	OSBH1610	
D \varnothing 1.8	G/H \ L		6	8	10
1.5		OSBH1806	OSBH1808	OSBH1810	

OrthAnchor Simple Head Half Etched

Simple Head Half Etched

- Acid etched surface
- Material : Ti-6Al-4V
- Minimization of early detachment possibility
- Stable effect for children or adolescents or cases with poor bone quality
- Connected component : arch wire(round), coil spring(Ø 2.5), power chain, elastic band



D Ø1.6

G/H \ L	6	8	10
1.5	OSSH1606HE	OSSH1608HE	OSSH1610HE

D Ø1.2

G/H \ L	6	8	10
1.5	OSSH1206HE	OSSH1208HE	-

D Ø1.8

G/H \ L	6	8	10
1.5	OSSH1806HE	OSSH1808HE	OSSH1810HE

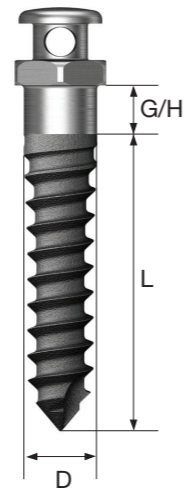
D Ø1.4

G/H \ L	6	8	10
1.5	OSSH1406HE	OSSH1408HE	-

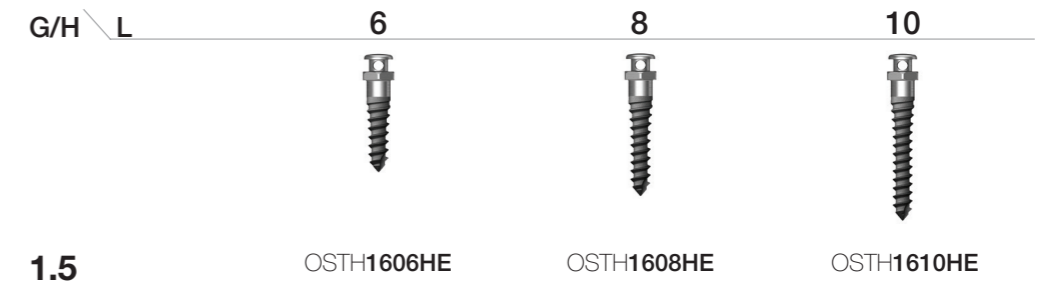
OrthAnchor Through Hole Half Etched

Through Hole Half Etched

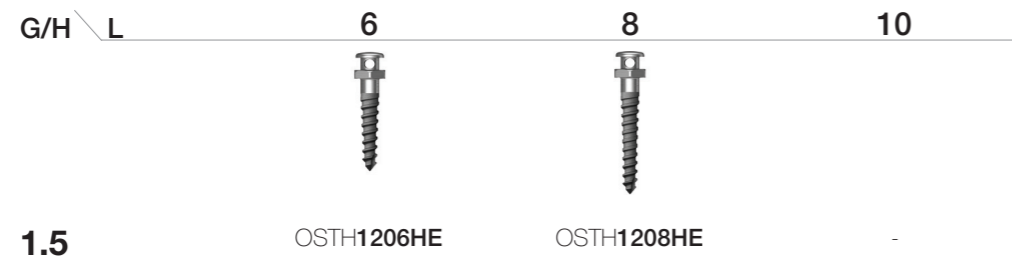
- Acid etched surface
- Material : Ti-6Al-4V
- Minimization of early detachment possibility
- Stable effect for children or adolescents or cases with poor bone quality
- Connected component : arch wire(round), coil spring(Ø 2.5), power chain, elastic band



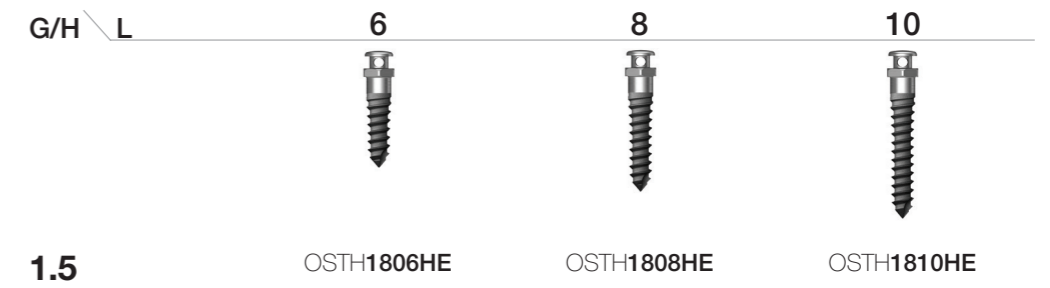
D Ø1.6



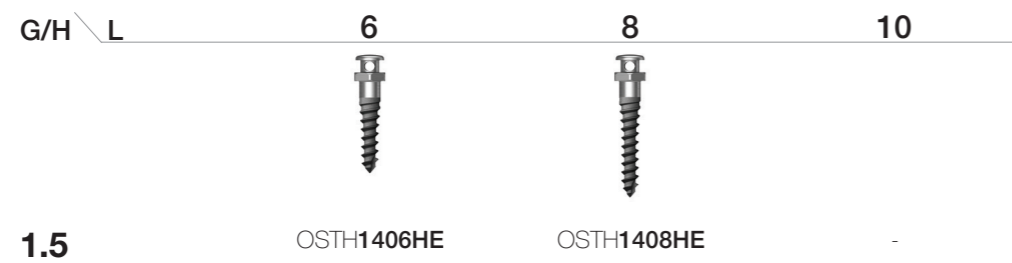
D Ø1.2



D Ø1.8

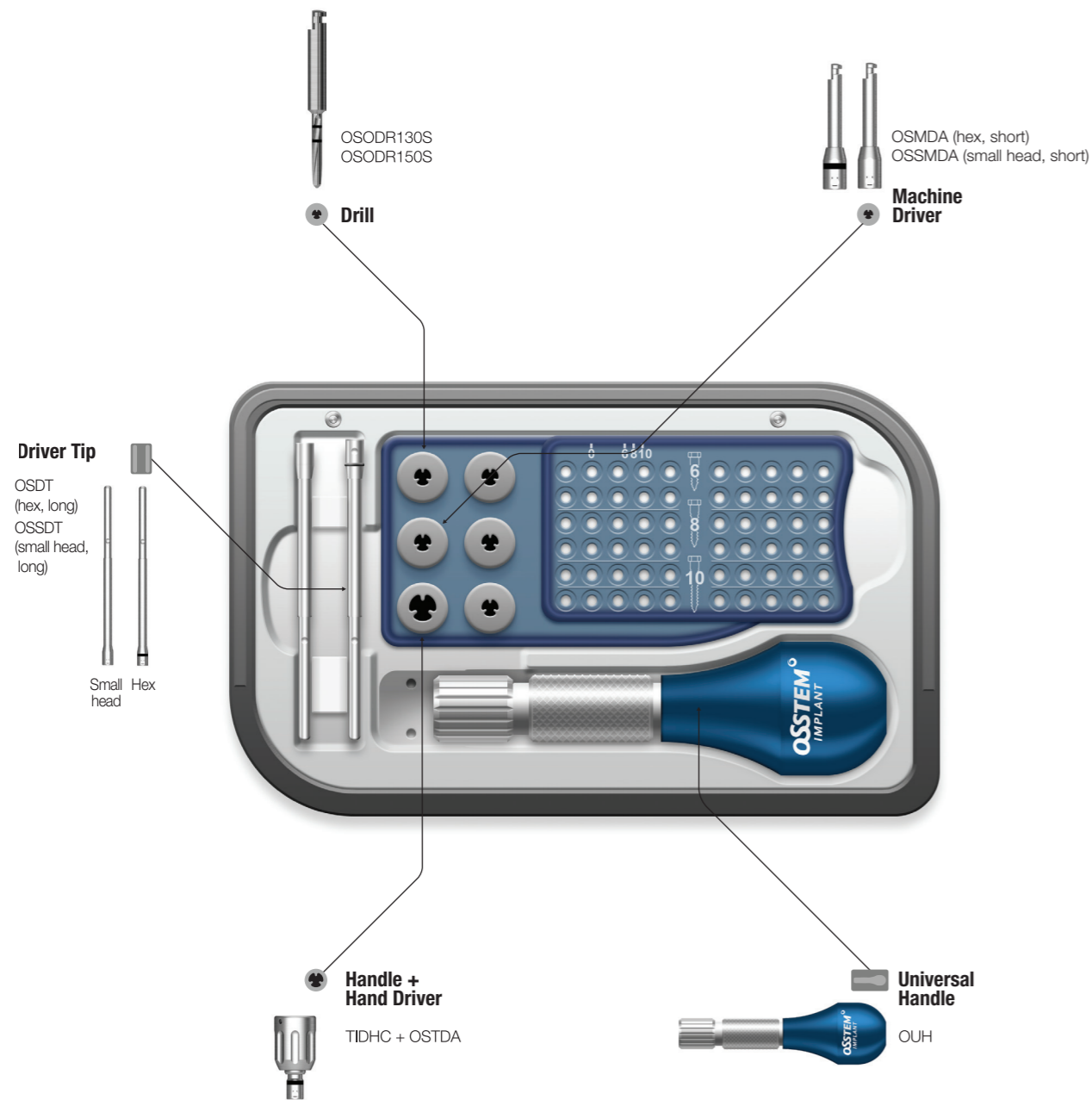


D Ø1.4



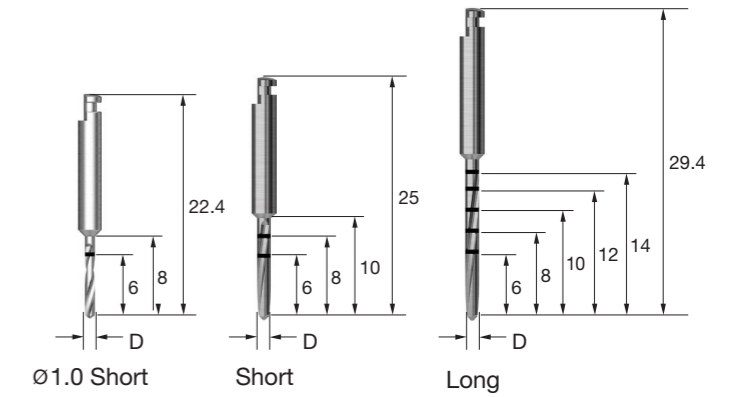
Applicable Products

OS



Drill

- Connected to a handpiece (engine) for use
- Ø1.0 drill : For a procedure with Ø1.2/1.4 screw
- Ø1.3 drill : For a procedure with Ø1.6 screw
- Ø1.5 drill : For a procedure with Ø1.8 screw
- Recommended drilling speed: 800rpm (high speed)
- Implantation recommended after removing cortical bone only (Drilling to the same length as the screw length if the cortical bone is too thick)
- Ø1.0 drill for optional purchase (not included in the KIT)



L \ D	Ø1.0	Ø1.3	Ø1.5
Short	OSODR100S	OSODR130S	OSODR150S
Long	-	OSODR130C	OSODR150C

Universal Handle

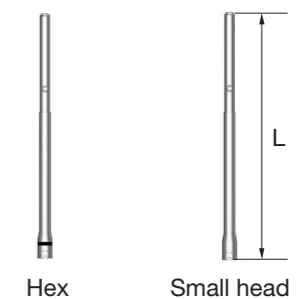
- Used after connecting to the driver tip, easy procedure with anti-slip handle
- Easy procedure with anti-slip handle



Driver Tip

- Connected to a universal handle for OrthAnchor procedure
- Available type: a general hex driver and a small head driver

L \ Type	Hex	Small Head
Short (L)	OSDTS (45)	OSSDTS (45)
Long (L)	OSDT (67)	OSSDT (67)



Ortho KIT Surgical Instruments

Hand Drill

- Connected to Universal Handle for use
 - For removing cortical bone only
 - Drilling depth : 4mm
 - Product for optional purchase (not included in the KIT)
- ※ Maintain the drilling direction so as not to exert bending load while using



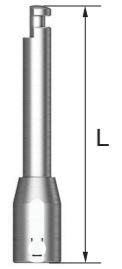
Machine Driver

- Connected to the engine for OrthAnchor procedure
- Available type : a general hex driver and a small head machine driver

L \ Type	Hex	Small Head
Short (L)	OSMDA (21.4)	OSSMDA (21.4)
Long (L)	OSMDB (31.4)	OSSMDB (31.4)



Hex



Small head

Driver Handle

- Used for hand tightening screws after connecting to a hand driver



Hand Driver

- Connected to a driver handle or a ratchet wrench for OrthAnchor screw procedure
- Available type: a general hex driver and a small head hand driver
- A small head hand driver is a product for optional purchase (not included in the KIT)

Type	Hex	Small Head
	OSTDA	OSSTDA

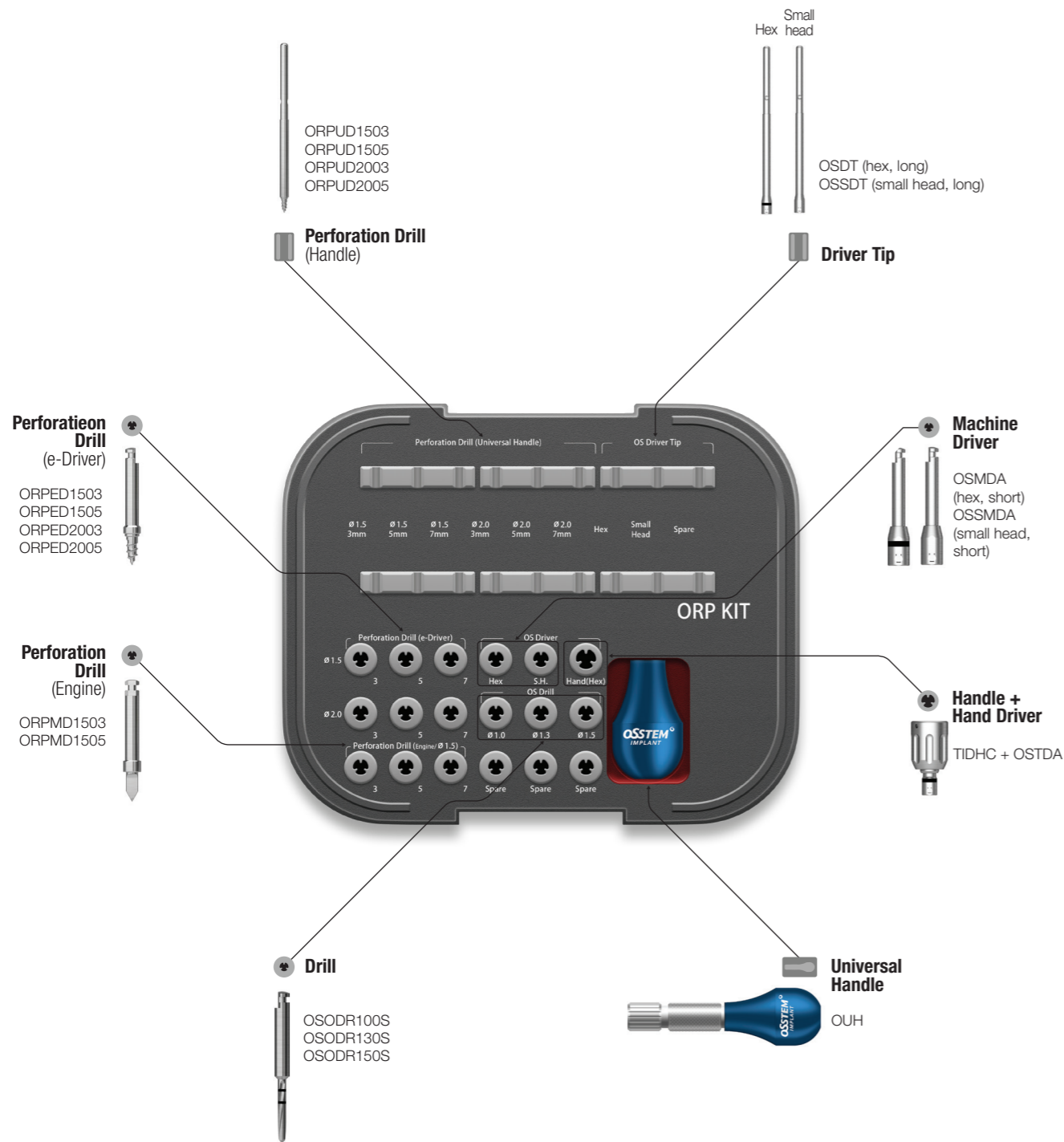


Hex



Small head

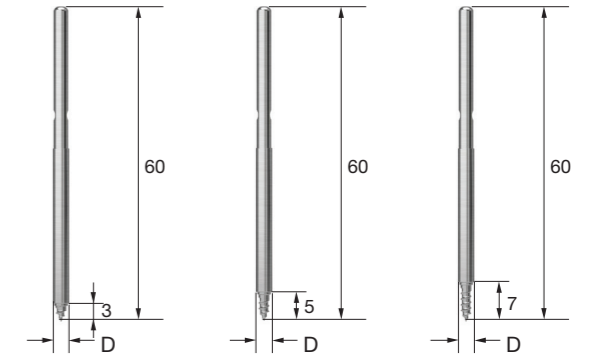
ORP KIT (ORPK)



ORP KIT Surgical Instruments

Perforation Drill (Handle)

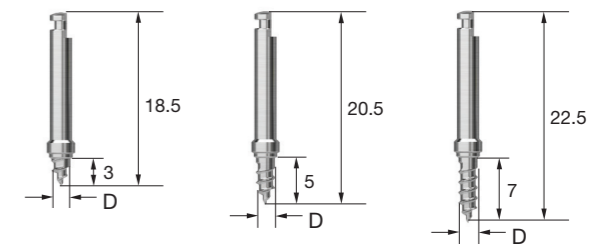
- Connected to a universal handle for MOP procedure
- Used for easy-to-access areas
- $\varnothing 1.5$: Anterior region / $\varnothing 2.0$: Posterior region and areas with wide interdentium
- ※ MOP : micro-osteoperforation



L \ D	$\varnothing 1.5$	$\varnothing 2.0$
3.0	ORPUD1503	ORPUD2003
5.0	ORPUD1505	ORPUD2005
7.0	ORPUD1507	ORPUD2007

Perforation Drill (e-Driver)

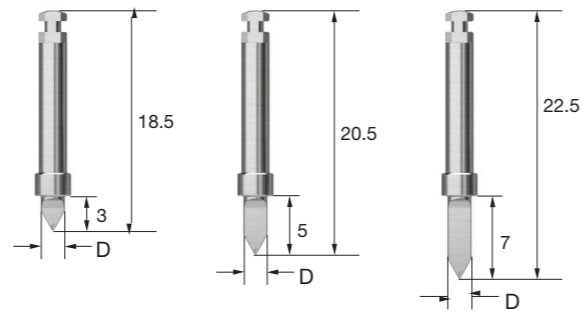
- Connected to handpiece (engine) for MOP procedure
- Used for difficult-to-access areas with a hand drill such as palatal region
- Recommended tightening torque: 25Ncm
- Recommended drilling speed: 30-60rpm



L \ D	$\varnothing 1.5$	$\varnothing 2.0$
3.0	ORPED1503	ORPED2003
5.0	ORPED1505	ORPED2005
7.0	ORPED1507	ORPED2007

Perforation Drill (Engine)

- Connected to handpiece (engine) for MOP procedure (e-Driver cannot be used)
- Allows fast procedure for hard bone or difficult-to-access areas with a handle drill
- Recommended drilling speed: 1200rpm



L \ D	Ø1.5	Ø2.0
3.0	ORPMD1503	ORPMD2003
5.0	ORPMD1505	ORPMD2005
7.0	ORPMD1507	ORPMD2007

Universal Handle

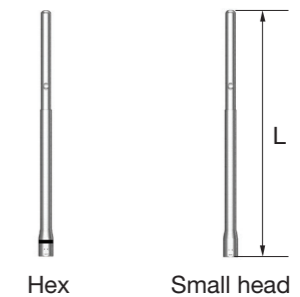
- Used for MOP procedure by connecting Perforation Drill (Handle)
- Screw implantation is available by connecting a dedicated driver tip



Driver Tip

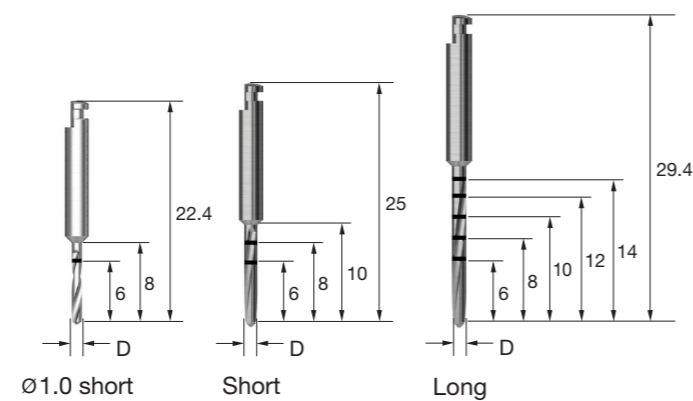
- Used for OrthAnchor procedure by connecting Universal Handle
- Available type: a general hex driver and a small head driver

L \ Type	Hex	Small Head
Short (L)	OSDTS (45)	OSSDTS (45)
Long (L)	OSDT (67)	OSSDT (67)



Drill

- Connected to a handpiece (engine) for use
- Ø1.0 drill : For a procedure with Ø1.2/Ø1.4 screw
- Ø1.3 drill : For a procedure with Ø1.6 screw
- Ø1.5 drill : For a procedure with Ø1.8 screw
- Recommended drilling speed: 800rpm
- Implantation recommended after removing cortical bone only (Drilling to the same length as the screw length if the cortical bone is too thick)



L \ D	Ø1.0	Ø1.3	Ø1.5
Short	OSODR100S	OSODR130S	OSODR150S
Long	-	OSODR130C	OSODR150C

Hand Drill

- Connected to Universal Handle for use
- For removing cortical bone only
- Drilling depth : 4mm
- Product for optional purchase (not included in the KIT)
- ※ Maintain the drilling direction so as not to exert bending load while using



OSHDR130

ORP KIT Surgical Instruments

Driver Handle

- Used for hand tightening screws after connecting to a hand driver



Hand Driver

- Used for OrthAnchor procedure by connecting to Driver Handle or ratchet wrench
- Available type: a general hex driver and a small head hand driver
- A small head hand driver is a product for optional purchase (not included in the KIT)

Type	Hex	Small Head
	OSTDA	OSSTDA



Hex



Small head

Machine Driver

- Connected to the engine for OrthAnchor procedure
- Available type: a general hex driver and a small head machine driver

L	Type	Hex	Small Head
Short (L)		OSMDA (21.4)	OSSMDA (21.4)
Long (L)		OSMDB (31.4)	OSSMDB (31.4)



Hex

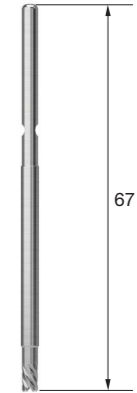


Small head

ORP KIT Removal Tool

Removal Tool (Handle)

- Allows easy removal in the event of fracture of OrthAnchor
 - Used by connecting to Universal Handle with reverse rotation
 - Types selected according to the fracture screw diameter
 - May be used for fractures of other manufacturers' screws
- ※ Disposable. Do not reuse



D (Removal Screw)	Ø1.2	Ø1.4	Ø1.6	Ø1.8	Ø2.0
	OSRT12H	OSRT14H	OSRT16H	OSRT18H	OSRT20H

Removal Tool (Engine)

- Allows easy removal in the event of fracture of OrthAnchor
 - Used by connecting to a e-driver or a handpiece (engine) with reverse rotation
 - Types selected according to the fracture screw diameter
 - May be used for fractures of other manufacturers' screws
 - Recommended torque: 35Ncm
 - Recommended drilling speed: ≤100rpm
- ※ Disposable. Do not reuse



D (Removal Screw)	Ø1.2	Ø1.4	Ø1.6	Ø1.8	Ø2.0
	OSRT12E	OSRT14E	OSRT16E	OSRT18E	OSRT20E

OSSTEM[®]
IMPLANT