OSSTEM IMPLANT

2020 - 21

OS SYSTEM CATALOG

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OS SYSTEM

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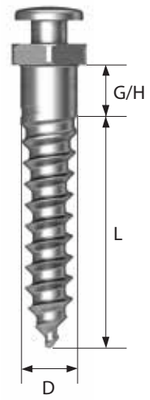
OrthAnchor Simple Head

Simple Head

- Machined surface
- Material : Ti-6Al-4V
- Connected component : Coil spring(Ø2.5), Power chain, Elastic band

※ G/H 4.0 type is produced after order.



D Ø1.2

G/H \ L	6	8	10
1.5	OSSH 1206	OSSH 1208	-

D Ø1.4

G/H \ L	6	8	10
1.5	OSSH 1406	OSSH 1408	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSSH 1606	OSSH 1608	OSSH 1610
4.0	OSSH 16064	-	-

D Ø1.8

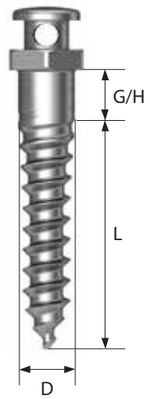
G/H \ L	6	8	10
1.5	OSSH 1806	OSSH 1808	OSSH 1810
4.0	OSSH 18064	-	-

OrthAnchor Through Hole

Through Hole

- Machined surface
- Material : Ti-6Al-4V
- D (hole) : Ø0.8
- Connected component : Arch wire(round), Coil spring(Ø2.5), Power chain, Elastic band

※ G/H 4.0 type is produced after order.



D Ø1.2

G/H \ L	6	8	10
1.5	OSTH 1206	OSTH 1208	-

D Ø1.4

G/H \ L	6	8	10
1.5	OSTH 1406	OSTH 1408	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSTH 1606	OSTH 1608	OSTH 1610
4.0	OSTH 16064	-	-

D Ø1.8

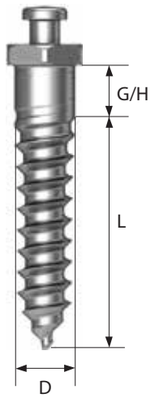
G/H \ L	6	8	10
1.5	OSTH 1806	OSTH 1808	OSTH 1810
4.0	OSTH 18064	-	-

OrthAnchor Small Head

10.2013

Small Head

- Machined surface
- Material : Ti-6Al-4V
- D (head) : Ø1.48
- Connected component : Coil spring(Ø1.5/2.0/2.5), Power chain, Elastic band



D Ø1.4

G/H \ L	6	8	10
1.5	OSSHS 1406	OSSHS 1408	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSSHS 1606	OSSHS 1608	OSSHS 1610

D Ø1.8

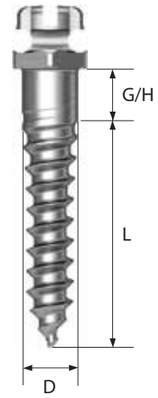
G/H \ L	6	8	10
1.5	OSSHS 1806	OSSHS 1808	OSSHS 1810

OrthAnchor Bracket Head

10.2013

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(Ø2.5), Power chain, Elastic band



D Ø1.4

G/H \ L	6	8	10
1.5	OSBH 1406	OSBH 1408	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSBH 1606	OSBH 1608	OSBH 1610

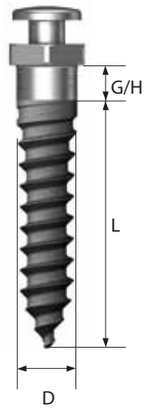
D Ø1.8

G/H \ L	6	8	10
1.5	OSBH 1806	OSBH 1808	OSBH 1810

OrthAnchor Simple Head Half Etched

Simple Head Half Etched

- Acid etched surface
- Material : Ti-6Al-4V
- Minimization of early drop out possibility
- Stable effect for children or adolescents or cases with poor bone quality
- Connected component : Arch wire(round), Coil spring(Ø2.5), Power chain, Elastic band



D Ø1.2

G/H \ L	6	8	10
1.5	OSSH 1206HE	OSSH 1208HE	-

D Ø1.4

G/H \ L	6	8	10
1.5	OSSH 1406HE	OSSH 1408HE	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSSH 1606HE	OSSH 1608HE	OSSH 1610HE

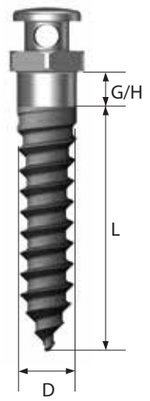
D Ø1.8

G/H \ L	6	8	10
1.5	OSSH 1806HE	OSSH 1808HE	OSSH 1810HE

OrthAnchor Through Hole Half Etched

Through Hole Half Etched

- Acid etched surface
- Material : Ti-6Al-4V
- Minimization of early drop out possibility
- Stable effect when applying for children or adolescents or cases with poor bone quality
- Connected component : Arch wire(round), Coil spring(Ø2.5), Power chain, Elastic band



D Ø1.2

G/H \ L	6	8	10
1.5	OSTH 1206HE	OSTH 1208HE	-

D Ø1.4

G/H \ L	6	8	10
1.5	OSTH 1406HE	OSTH 1408HE	-

D Ø1.6

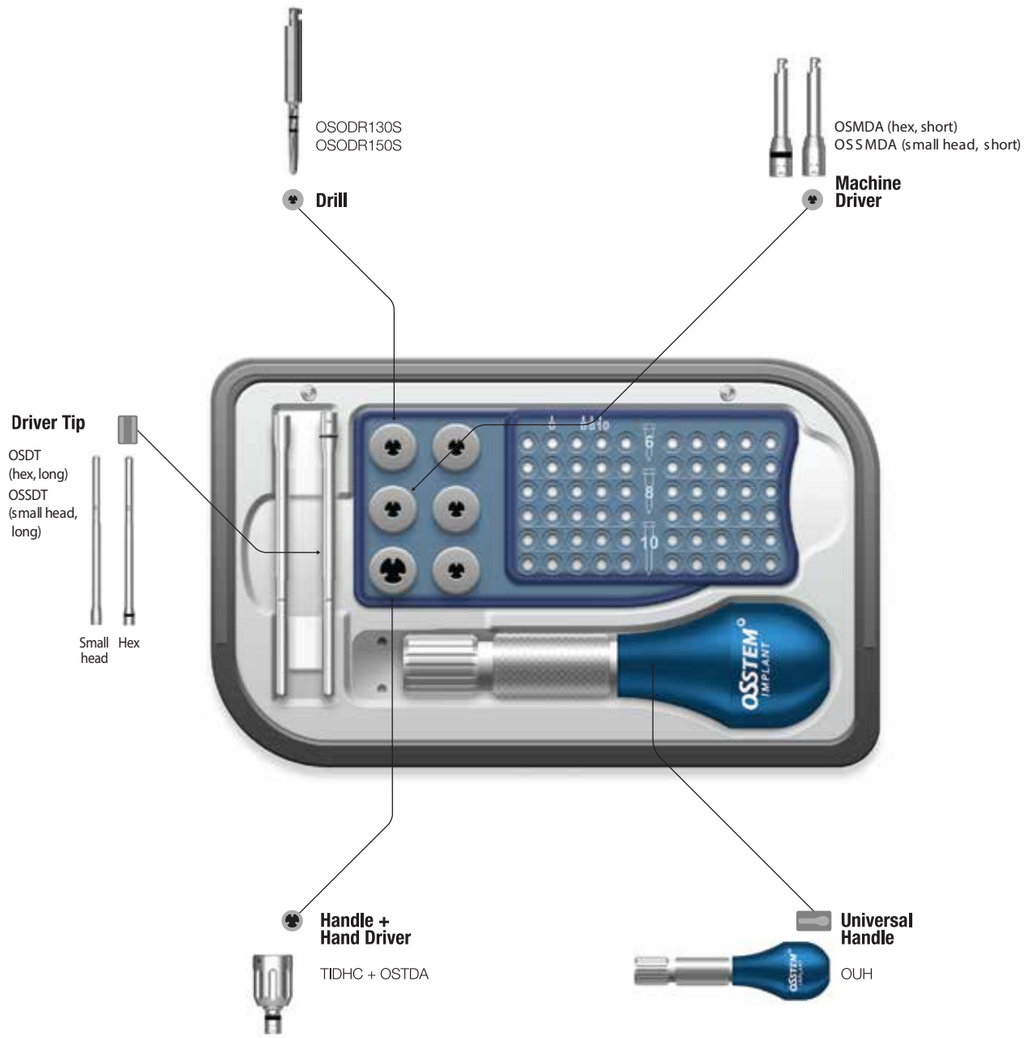
G/H \ L	6	8	10
1.5	OSTH 1606HE	OSTH 1608HE	OSTH 1610HE

D Ø1.8

G/H \ L	6	8	10
1.5	OSTH 1806HE	OSTH 1808HE	OSTH 1810HE

Ortho KIT (OOKS) 10.2013

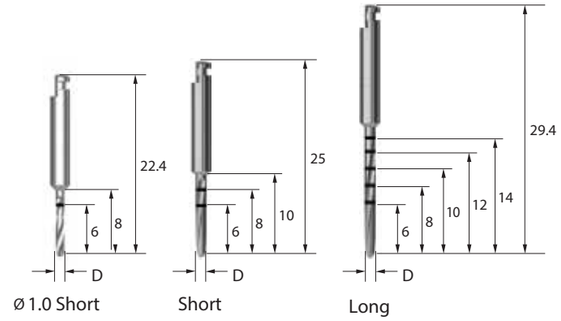
For OS



Ortho KIT Surgical Instruments

Drill 10.2013

- Connected to a hand piece (engine) for use
- Ø1.0 drill : For Ø1.2/1.4 screw procedure
- Ø1.3 drill : For Ø1.6 screw procedure
- Ø1.5 drill : For Ø1.8 screw procedure
- Recommended speed : 800rpm (high speed)
- Insertion placement 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)



Ø 1.0 Short | Short | Long

L \ D	Ø 1.0	Ø 1.3	Ø 1.5
Short	OSODR 100S	OSODR 130S	OSODR 150S
Long	-	OSODR 130C	OSODR 150C

Universal Handle 01.2009

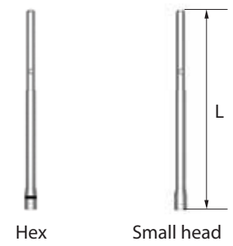
- Used after assembling to the driver tip, easy procedure with anti-slip handle

OUH

Driver Tip 01.2009

- Assembled to a universal handle for OrthAnchor procedure
- Consisted of a general hex driver and a small head driver
- Compatible with a universal handle of other company (J company)

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



Hex | Small head

Hand Drill 08.2012

- Assembled to a universal handle for use
- Removing cortical bone only
- Drilling depth : 4mm
- Optional purchase (not included in the KIT)

※ Maintain the drilling direction, not exerting bending load while using

OSHDR130

Driver Handle 01.2009

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

TIDHC

Hand Driver 01.2009

- Connected to a driver handle or a ratchet wrench for OrthAnchor screw procedure
- Consisted of a general hex driver and a small head hand driver
- Small head hand driver for optional purchase (not included in the KIT)

Type	Hex	Small Head
	OSTDA	OSSTDA

Hex

Small head

Machine Driver 01.2009

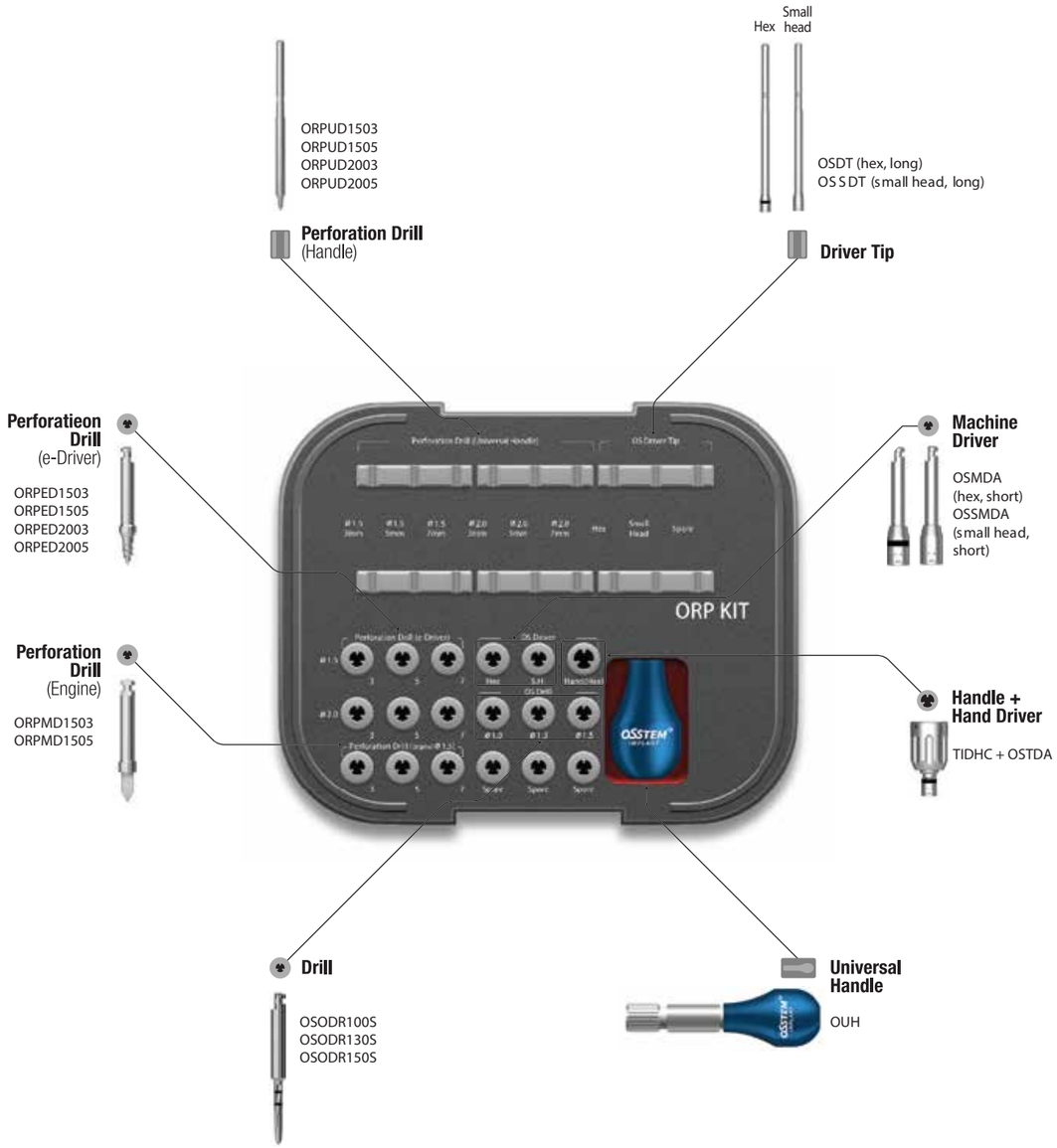
- Connected to the engine for OrthAnchor surgery
- Consisted of a general hex driver and a small head hand driver

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 (ORPK) 03.2017

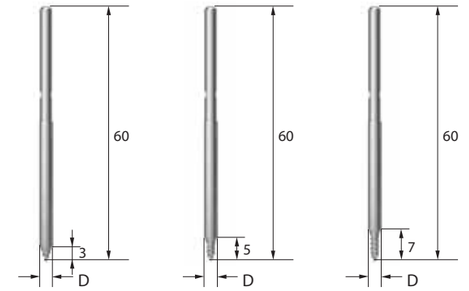


ORP KIT Surgical Instruments

Perforation Drill (Handle)

- Connected to universal handle for MOP operation
- Used for areas easy to reach
- Ø1.5 : Anterior region / Ø2.0 : Posterior region and areas with wide spacing between teeth

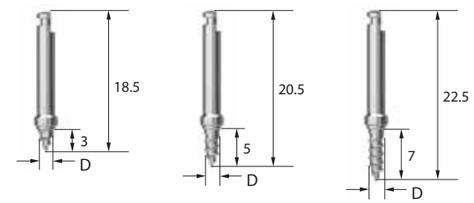
※ MOP : micro-osteoperforation



L \ D	Ø 1.5	Ø 2.0
3.0	ORPUD 1503	ORPUD 2003
5.0	ORPUD 1505	ORPUD 2005
7.0	ORPUD 1507	ORPUD 2007

Perforation Drill (e-Driver)

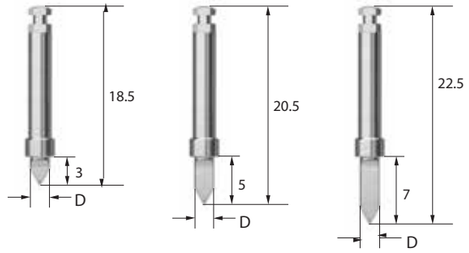
- Connected to hand piece (engine) for MOP operation
- Used for areas hard to reach with a hand drill such as palatal region
- Recommended tightening : 25Ncm
- Recommended speed : 30-60rpm



L \ D	Ø 1.5	Ø 2.0
3.0	ORPED 1503	ORPED 2003
5.0	ORPED 1505	ORPED 2005
7.0	ORPED 1507	ORPED 2007

Perforation Drill (Engine)

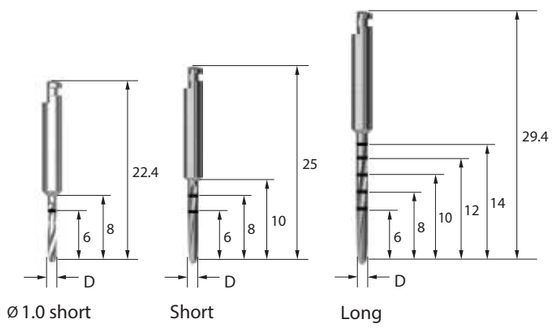
- Connected to hand piece(engine) for MOP operation (e-Driver cannot be used)
- Fast operation for hard bone or areas hard to reach with a handle drill
- Recommended speed : 1200rpm



L \ D	Ø 1.5	Ø 2.0
3.0	ORPMD 1503	ORPMD 2003
5.0	ORPMD 1505	ORPMD 2005
7.0	ORPMD 1507	ORPMD 2007

Drill

- Connected to hand piece(engine) for use
- Ø1.0 drill : used for Ø1.2/1.4 screw
- Ø1.3 drill : used for Ø1.6 screw
- Ø1.5 drill : used for Ø1.8 screw
- Recommended speed : 800rpm
- Removal of cortical bone and placement is recommended (If the cortical bone is very thick, drilling has to be same as screw length)



L \ D	Ø 1.0	Ø 1.3	Ø 1.5
Short	OSODR 100S	OSODR 130S	OSODR 150S
Long	-	OSODR 130C	OSODR 150C

Universal Handle

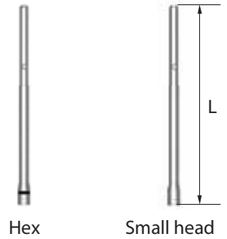
- Used for MOP surgery by connecting perforation drill (for handle)
- Screw placement is available by connecting a dedicated driver tip

OUH

Driver Tip

- Used for OrthAnchor surgery by connecting universal handle
- Composed of general hex driver and small head driver
- Compatible with other company's universal handle (J, Initial of company)

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



Hand Drill

- Connected to universal handle
- It can remove only cortical bone
- Drilling depth : 4mm
- Optional purchase (not included in the KIT)

※ Maintain drilling direction so that no bending load is applied

OSHDR130

ORP KIT Surgical Instruments

Driver Handle

- Use for manually fastening screws after connecting a hand driver

TIDHC

Hand Driver

- Used for OrthAnchor surgery by connecting to driver handle and ratchet wrench
- Composed of general hex driver and hand driver for small head
- Hand driver for small head is optional purchase (not included in the KIT)

Hex

Small head

Type	Hex	Small Head
	OSTDA	OSSTDA

Machine Driver

- Used in OrthAnchor operation by fastening to engine
- Composed of general hex driver and machine driver for small head

Hex

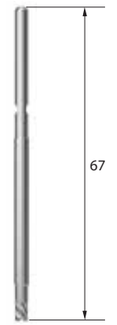
Small head

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

ORP KIT Removal Tool 08.2017

Removal Tool (Handle)

- Easily removable when fracturing OrthAnchor
- Connect to a universal handle and use it in reverse
- Select the specification according to the fracture screw diameter
- Can also be used for other company screw fractures



D (Removal Screw)	Ø 1.2	Ø 1.4	Ø 1.6	Ø 1.8	Ø 2.0
	OSRT 12H	OSRT 14H	OSRT 16H	OSRT 18H	OSRT 20H

Removal Tool (Engine)

- Easily removable when fracturing OrthAnchor
- Connect to e-driver or hand piece (engine) and use it in reverse
- Select the specification according to the fracture screw diameter
- Can also be used for other company screw fractures
- Recommended tightening torque : 35Ncm
- Recommended speed : 100rpm or less

D (Removal Screw)	Ø 1.2	Ø 1.4	Ø 1.6	Ø 1.8	Ø 2.0
	OSRT 12E	OSRT 14E	OSRT 16E	OSRT 18E	OSRT 20E

Wireless Electric Driver

e-Driver 06.2016

- Strong and accurate torque (5~35Ncm)
- Adjustable rpm (15~60rpm)
- Minimizes OrthAnchor factures and accurate insertion path
- Easy abutment tightening and minimizing the chance of screw loosening

OSM-TORQ

e-Driver Plus NEW 03.2021

- Easy tightening of contra angles
- Strong and accurate torque (5~40Ncm)
- Adjustable rpm (15~55rpm)
- Minimizes OrthAnchor factures and accurate placement path
- Easy abutment tightening and minimizing the chance of screw loosening

DSD-DTD-0100

V-ceph

V-ceph

- Orthodontics diagnostic software
- VTO / STO (simulation of facial changes before and after treatment)
- Grid view (check the symmetry in the front picture with the guide line)
- Dual monitor-views (compare patient data on two monitors)
- X-ray superimposition (with tracing)
- Sticky note (note in all image views)
- Gallery format (23 types)
- Image process (Image editing)
- Growth forecast
- Change axis (fix FH line horizontally)
- Smart V-ceph (iPad application)

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