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OrthAnchor Simple Head

Simple Head

- Machined surface
- Material : Ti-6AI-4V
- No penetration hole
- Component : coil spring(∅ 2.5), power chain, elastic band

※ G/H 4.0 specification is a product produced after order

D Ø 1.6
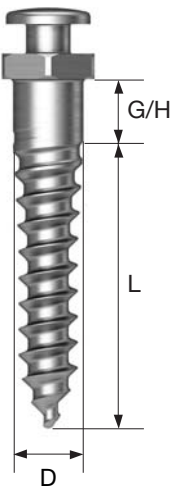
G/H \ L	6	8	10
1.5	OSSH**1606**	OSSH**1608**	OSSH**1610**
4.0	OSSH**16064**	-	-

D Ø 1.2

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

D Ø 1.8

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

D Ø 1.4

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

OrthAnchor _Through Hole_

Through Hole

- Machined surface
- Material : Ti-6AI-4V
- D (penetration hole) : (∅ 0.8)
- Component : arch wire(round), coil spring(∅ 2.5), power chain, elastic band
- ※ G/H 4.0 specification is a product produced after order

D ∅ 1.2
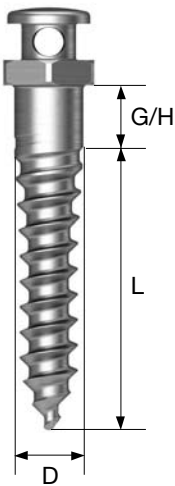
G/H \ L	6	8	10
1.5	OSTH**1206**	OSTH**1208**	-

D ∅ 1.4

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

D ∅ 1.6

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

D ∅ 1.8

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

OrthAnchor Small Head

Small Head

- Machined surface
- Material : Ti-6Al-4V
- D (head) : ⌀ 1.48
- Component : coil spring(⌀ 1.5/2.0/2.5), power chain, elastic band
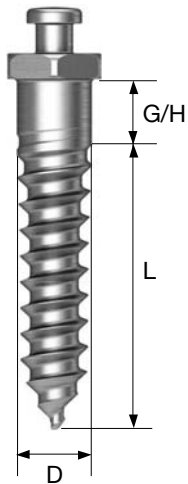
D Ø 1.4	G/H \ L	6	8	10
	1.5	OSSHS1406	OSSHS1408	-

D Ø 1.6	G/H \ L	6	8	10
	1.5	OSSHS1606	OSSHS1608	OSSHS1610

D Ø 1.8	G/H \ L	6	8	10
	1.5	OSSHS1806	OSSHS1808	OSSHS1810

OrthAnchor Bracket Head

Bracket Head

- Machined surface
- Material : Ti-6Al-4V
- Excellent compatibility with various arch wires
- Easy to adjust path using cross wire slot
- Component : arch wire(rec./round), coil spring(⌀ 2.5), power chain, elastic band
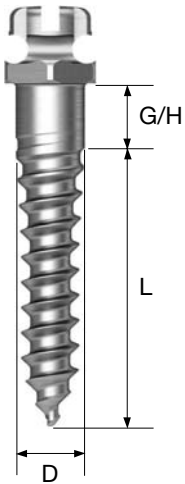
D Ø 1.4	G/H \ L	6	8	10
	1.5	OSBH1406	OSBH1408	-

D Ø 1.6	G/H \ L	6	8	10
	1.5	OSBH1606	OSBH1608	OSBH1610

D Ø 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 drop out possibility
- Stable effect for children or adolescents or cases with poor bone quality
- Component : arch wire(round), coil spring(ø2.5), power chain, elastic band

D Ø 1.2

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

D Ø 1.4

G/H \ L	6	8	10
1.5	OSSH**1406HE**	OSSH**1408HE**	-
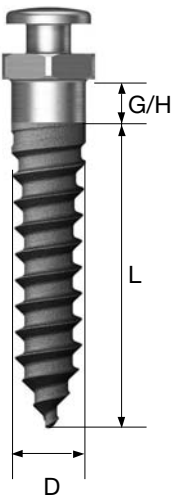
D Ø 1.6

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

D Ø 1.8

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 for children or adolescents or cases with poor bone quality
- Component : arch wire(round), coil spring(ø 2.5), power chain, elastic band
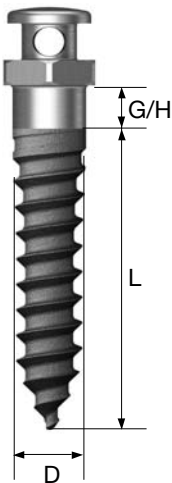
D Ø 1.2

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

D Ø 1.4

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

D Ø 1.6

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

D Ø 1.8

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

Ortho KIT (OOKS)

For OS

OSODR130S
OSODR150S

Drill

OSMDA (hex, short)
OSSMDA (small head, short)

Machine Driver

Driver Tip

OSDT
(hex, long)
OSSDT
(small head, long)

Small head | Hex

Handle + Hand Driver

TIDHC + OSTDA

Universal Handle

OUH
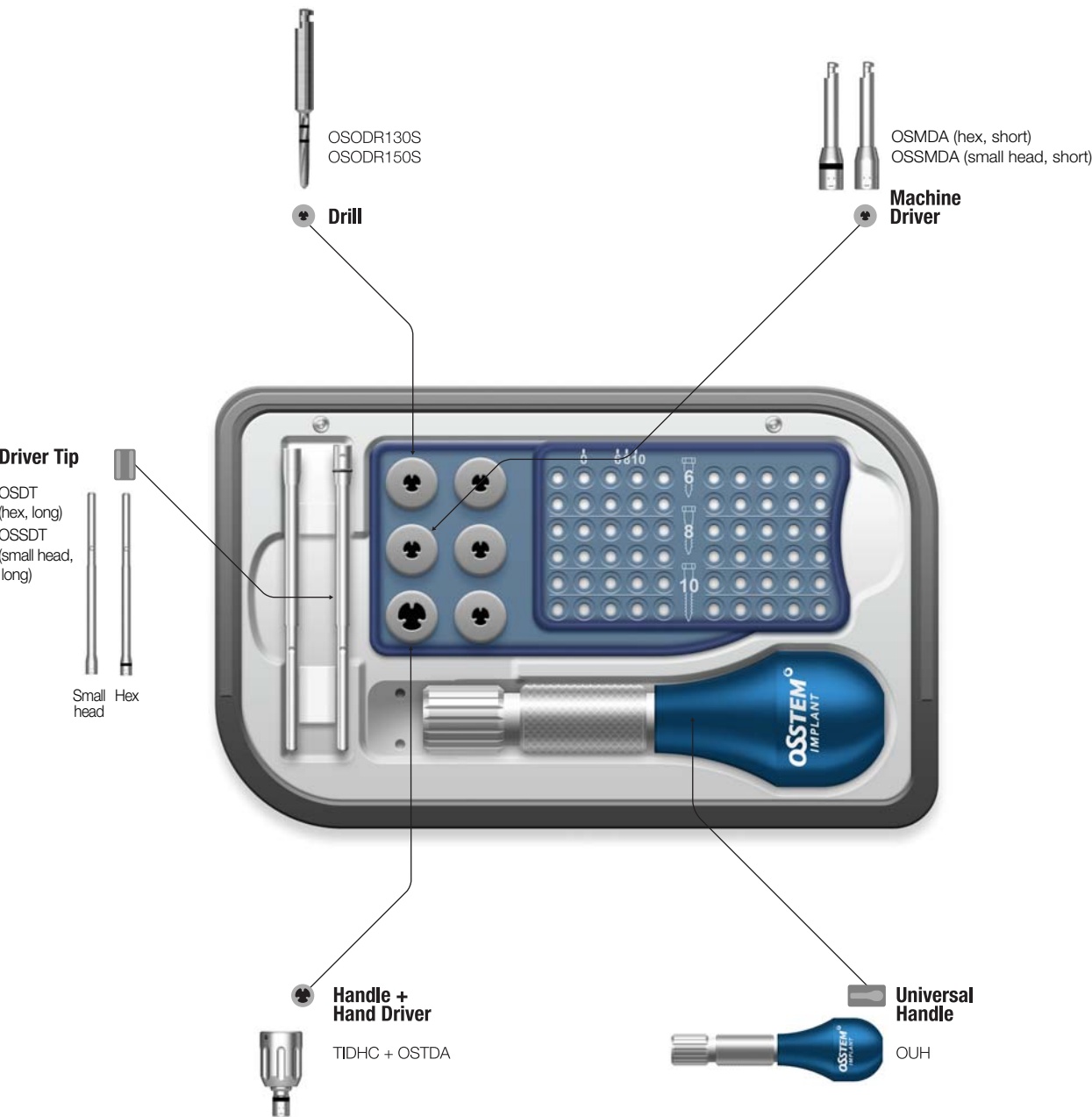
Ortho KIT Surgical Instruments

Drill

- Use with engine hand piece
- Ø 1.0 drill : Ø 1.2/1.4 screw procedure purpose
- Ø 1.3 drill : Ø 1.6 screw procedure purpose
- Ø 1.5 drill : Ø 1.8 screw procedure purpose
- Recommended drilling speed 800rpm (high speed)
- It is recommended to insert the screw only after trimming the cortical bone (If the cortical bone is extremely thick, drill the full length of the screw)
- Ø 1.0 drill is an optional purchase product (not included in the KIT)
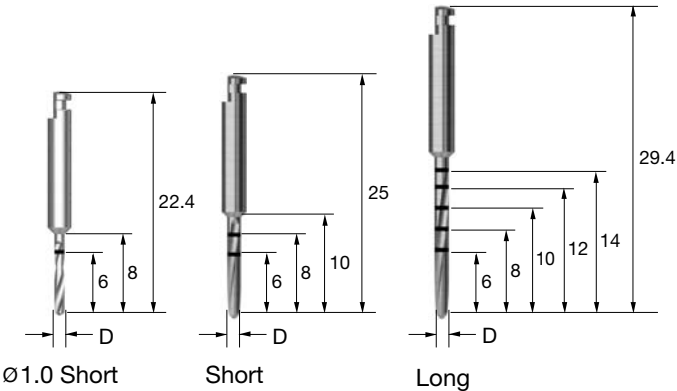
22.4

6 | 8

D

Ø1.0 Short

25

6 | 8 | 10

D

Short

29.4

6 | 8 | 10 | 12 | 14

D

Long

L \ D	Ø1.0	Ø1.3	Ø1.5
Short	OSODR**100S**	OSODR**130S**	OSODR**150S**
Long	-	OSODR**130C**	OSODR**150C**

Universal Handle

- Handle for the driver tip; has an anti-slip grip

OUH

Driver Tip

- Use with universal handle to place orthodontic screws
- Two types : hex and small head
- Compatible with other manufacturers' universal handles

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

Hex | Small head

L

Ortho KIT Surgical Instruments
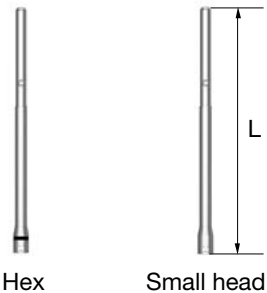
Hand Drill

- Use with universal handle
- Only for removing cortical bone
- Drilling depth : 4mm
- Must be purchased separately (not included in the kit)
- ※ Maintain proper drilling direction to prevent bending or applying load to the drill.

OSHDR130

Driver Handle

- Use with hand driver for manually torquing screws

TIDHC

Hand Driver

- Use with driver handle or ratchet wrench
- Two types : hex and small head
- Small head must be purchased separately (not included in the KIT)

Type	Hex	Small Head
	OSTDA	OSSTDA

Hex　　　　Small head

Machine Driver

- Use with engine hand piece
- Two types : hex and small head

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)

ORPUD1503
ORPUD1505
ORPUD2003
ORPUD2005

Perforation Drill for Handle

Hex

Small head

OSDT (hex, long)
OSSDT (small head, long)

Driver Tip

Perforatieon Drill for e-Driver

ORPED1503
ORPED1505
ORPED2003
ORPED2005

Machine Driver

OSMDA (hex, short)
OSSMDA (small head, short)

Perforation Drill for Engine

ORPMD1503
ORPMD1505

Perforation Drill (Universal Handle)   OS Driver Tip

Ø1.5 3mm   Ø1.5 5mm   Ø1.5 7mm   Ø2.0 3mm   Ø2.0 5mm   Ø2.0 7mm   Hex   Small Head   Spare

ORP KIT

Perforation Drill (e-Driver)   OS Driver

Ø1.5   3   5   7   Hex   5.H.   Hand(Hex)

OS Drill

Ø2.0   3   5   7   Ø1.0   Ø1.3   Ø1.5

Perforation Drill (engine/Ø1.5)

3   5   7   Spare   Spare   Spare

Handle + Hand Driver

TIDHC + OSTDA

Drill

OSODR100S
OSODR130S
OSODR150S

Universal Handle

OUH

ORP KIT Surgical Instruments

Perforation Drill for Handle

• Used for MOP surgery by connecting to universal handle
• Use in accessible areas
• Ø 1.5 : anterior teeth / Ø 2.0 : posterior teeth
※ MOP : micro-osteo-perforation

60   3   D
60   5   D
60   7   D

L＼D	Ø1.5	Ø2.0
3.0	ORPUD1503	ORPUD2003
5.0	ORPUD1505	ORPUD2005
7.0	ORPUD1507	ORPUD2007

Perforation Drill for e-Driver

18.5   3   D
20.5   5   D
22.5   7   D

• Connected to handpiece (engine) for MOP surgery
• Use of parts difficult to access handle drill such as palatal area
• Recommended tightening torque : 25Ncm
• Recommended speed : 30~60rpm

L＼D	Ø1.5	Ø2.0
3.0	ORPED1503	ORPED2003
5.0	ORPED1505	ORPED2005
7.0	ORPED1507	ORPED2007

ORP KIT Surgical Instruments

Perforation Drill for Engine

- Connected to handpiece(engine) for MOP operation (e-driver cannot be used)
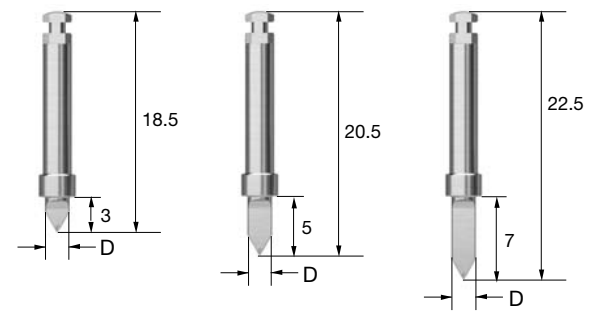- High-speed surgery is possible in hard bones or areas where handle drills are difficult to access
- Recommended speed : 1200rpm

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

Drill

- Connected to handpiece(engine) for use
- Ø 1.0 drill : used for Ø 1.2/1.4 screw
- Ø 1.3 drill : used for Ø 1.6 screw
- Ø 1.5 drill : used for Ø 1.8 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)

Ø1.0 short   Short   Long

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

Universal Handle

- Used for MOP surgery by connecting perforation drill (for handle)
- Screw insertion 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)

Hex   Small head

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

Driver Handle

• Use with hand driver for manually fastening screws

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 (It is 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

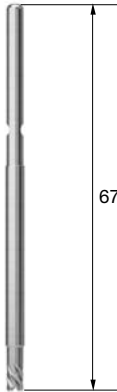| L \ Type	Hex	Small Head
Short (L)	OSMDA (21.4)	OSSMDA (21.4)
Long (L)	OSMDB (31.4)	OSSMDB (31.4)

Hex   Small head

Removal Tool for Handle

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

67

D (Removal Screw)	Ø1.2	Ø1.4	Ø1.6	Ø1.8	Ø2.0
	OSRT**12H**	OSRT**14H**	OSRT**16H**	OSRT**18H**	OSRT**20H**

Removal Tool for Engine

• Easily removable when fracturing OrthAnchor
• Connect to e-driver or handpiece(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

22.4

D (Removal Screw)	Ø1.2	Ø1.4	Ø1.6	Ø1.8	Ø2.0
	OSRT**12E**	OSRT**14E**	OSRT**16E**	OSRT**18E**	OSRT**20E**

e-Driver

e-Driver

- Strong and precise torque performance (min 5~35Ncm)
- Adjustable rpm (15~60rpm)
- Minimizes orthodontic screw factures and accurate insertion path
- Can be used to torque implant abutments, minimizing the chance of screw loosening

OSM-TORQ

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 view (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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