



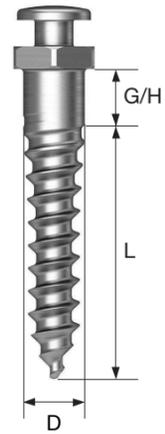
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|-----|------------|--------------------------|-----|-----------|
| 004 | OrthAnchor | Simple Head | 014 | Ortho KIT |
| 006 | OrthAnchor | Through Hole | 018 | ORP KIT |
| 008 | OrthAnchor | Small Head | 024 | e-Driver |
| 009 | OrthAnchor | Bracket Head | 025 | V-ceph |
| 010 | OrthAnchor | Simple Head Half Etched | | |
| 012 | OrthAnchor | Through Hole Half Etched | | |

OrthAnchor Simple Head



Simple Head

- Machined surface
 - Material : Ti-6Al-4V
 - No penetration hole
 - Component : coil spring(φ 2.5), power chain, elastic band
- * G/H 4.0 specification is a product produced after order



D Ø1.6

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

OS SYSTEM

004

D Ø1.2

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

D Ø1.8

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

OS SYSTEM

005

D Ø1.4

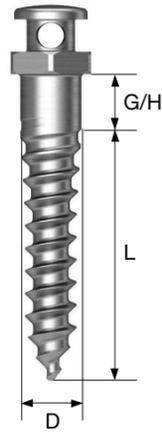
G/H \ L	6	8	10
1.5	OSSH1406	OSSH1408	-

OrthAnchor Through Hole



Through Hole

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



D Ø1.6

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

OS SYSTEM

006

D Ø1.2

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

D Ø1.8

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

OS SYSTEM

007

D Ø1.4

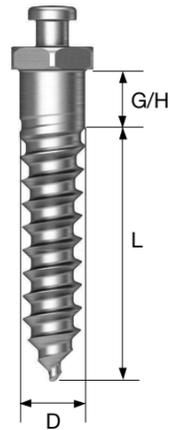
G/H \ L	6	8	10
1.5	OSTH1406	OSTH1408	-

OrthAnchor Small Head



Small Head

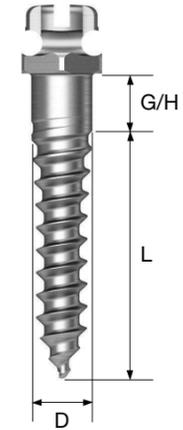
- Machined surface
- Material : Ti-6Al-4V
- D (head) : ϕ 1.48
- Component : coil spring(ϕ 1.5/2.0/2.5), power chain, elastic band



OrthAnchor Bracket Head

Bracket Head

- Machined surface
- Material : Ti-6Al-4V
- Excellent compatibility with various arch wires
- Easy to adjust path using cross wire slot
- Component : arch wire(rec./round), coil spring(ϕ 2.5), power chain, elastic band



OS SYSTEM

008

D ϕ 1.4	G/H \ L		
	6	8	10
1.5	OSSH1406	OSSH1408	-

D ϕ 1.6	G/H \ L		
	6	8	10
1.5	OSSH1606	OSSH1608	OSSH1610

D ϕ 1.8	G/H \ L		
	6	8	10
1.5	OSSH1806	OSSH1808	OSSH1810

OS SYSTEM

009

D ϕ 1.4	G/H \ L		
	6	8	10
1.5	OSBH1406	OSBH1408	-

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

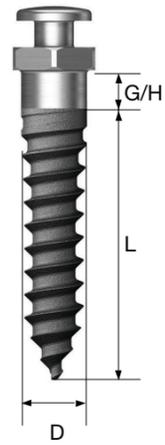
D ϕ 1.8	G/H \ L		
	6	8	10
1.5	OSBH1806	OSBH1808	OSBH1810

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(ϕ 2.5), power chain, elastic band



D Ø1.6

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

OS SYSTEM

010

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

OS SYSTEM

011

D Ø1.4

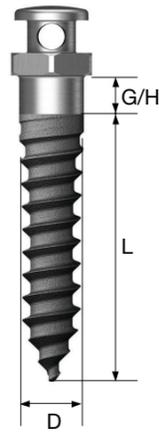
G/H \ L	6	8	10
1.5	OSSH1406HE	OSSH1408HE	-

OrthAnchor Through Hole Half Etched



Through Hole Half Etched

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



D Ø1.6

G/H \ L	6	8	10
1.5	OSTH1606HE	OSTH1608HE	OSTH1610HE

OS SYSTEM

012

D Ø1.2

G/H \ L	6	8	10
1.5	OSTH1206HE	OSTH1208HE	-

D Ø1.8

G/H \ L	6	8	10
1.5	OSTH1806HE	OSTH1808HE	OSTH1810HE

OS SYSTEM

013

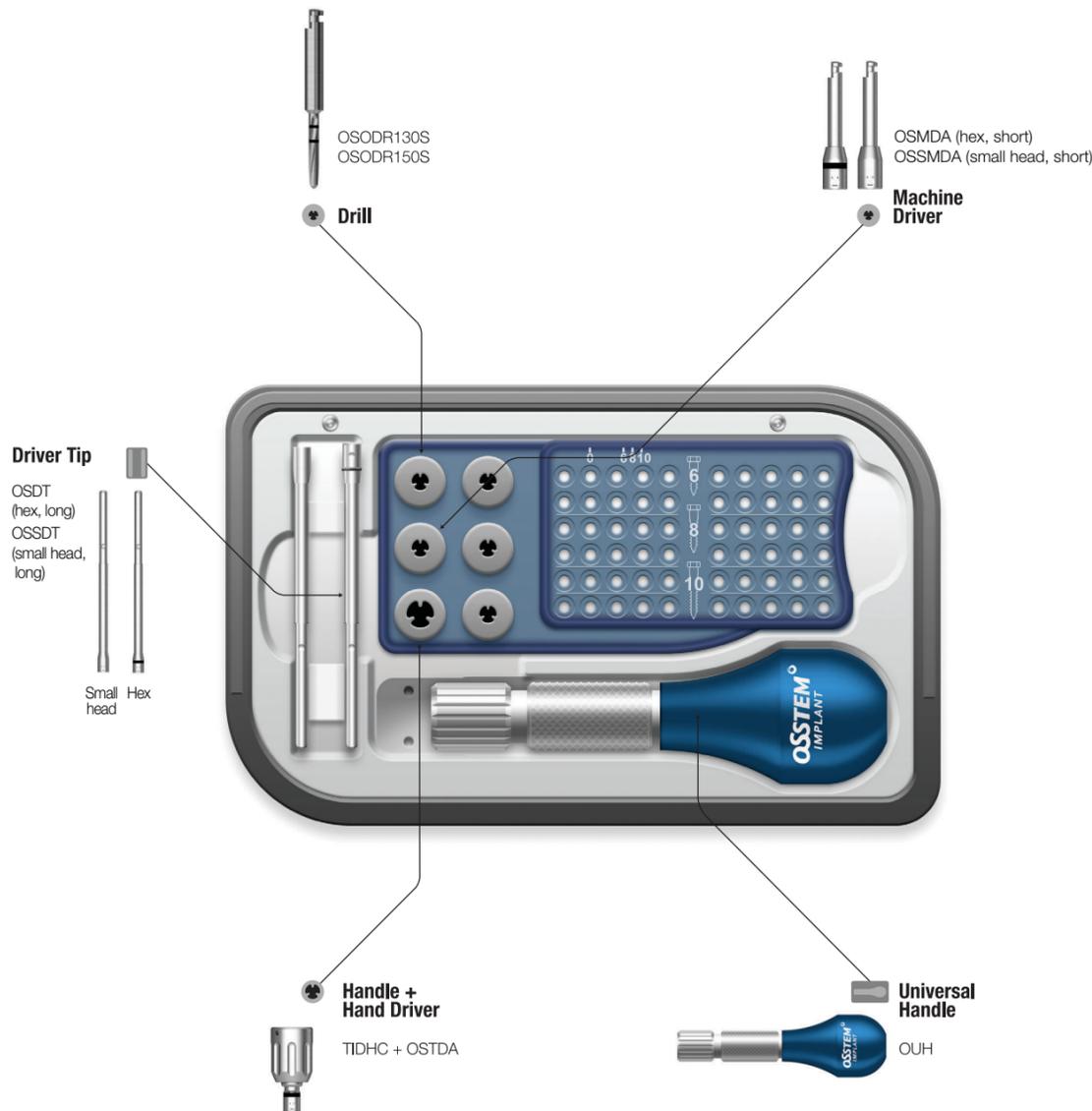
D Ø1.4

G/H \ L	6	8	10
1.5	OSTH1406HE	OSTH1408HE	-

Ortho KIT (OOKS)



For **OS**



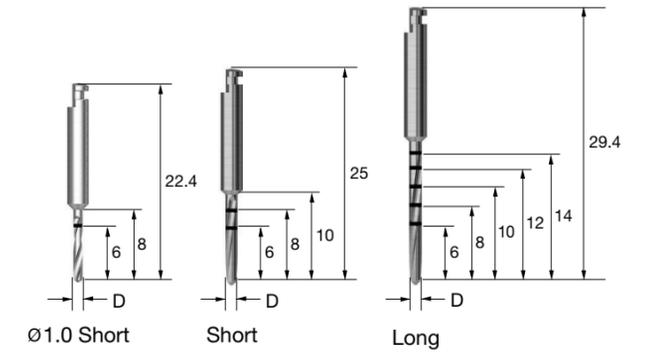
OS SYSTEM

014

Ortho KIT Surgical Instruments

Drill

- Use with engine hand piece
- ϕ 1.0 drill : ϕ 1.2/1.4 screw procedure purpose
- ϕ 1.3 drill : ϕ 1.6 screw procedure purpose
- ϕ 1.5 drill : ϕ 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)
- ϕ 1.0 drill is an optional purchase product (not included in the KIT)



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

OS SYSTEM

015

Universal Handle

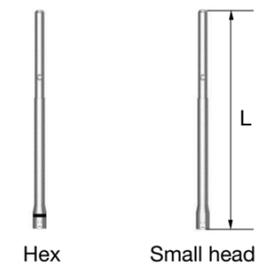
- Handle for the driver tip; has an anti-slip grip



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

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

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

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)



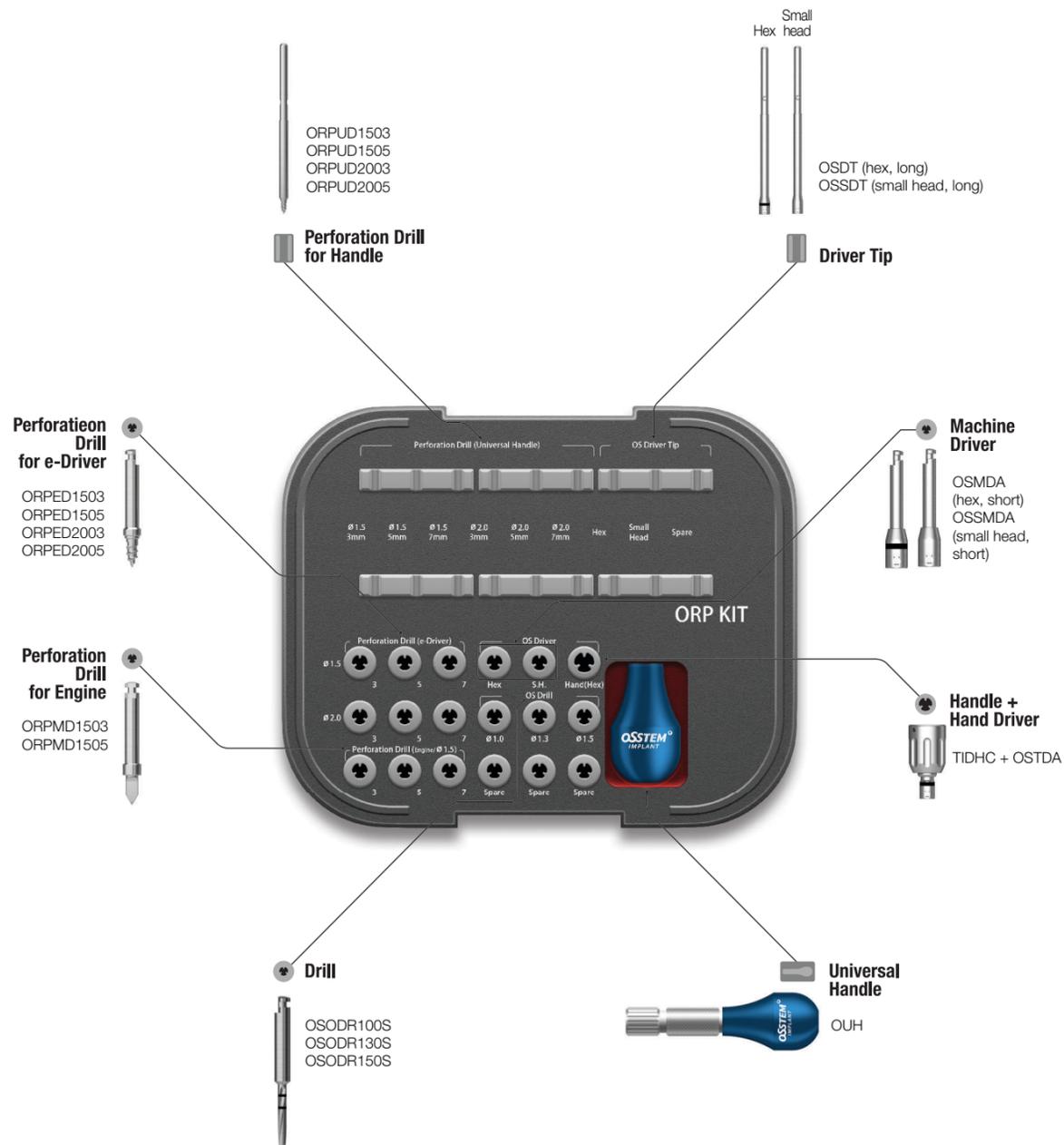
Hex



Small head

Type	Hex	Small Head
	OSTDA	OSSTDA

ORP KIT (ORPK)



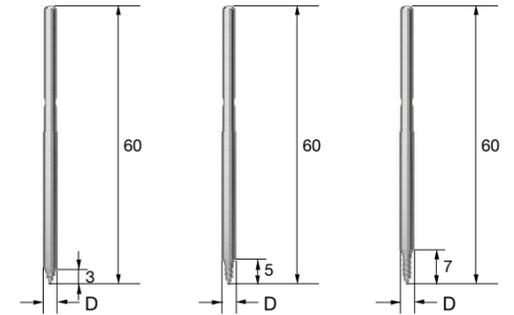
OS SYSTEM

018

ORP KIT Surgical Instruments

Perforation Drill for Handle

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



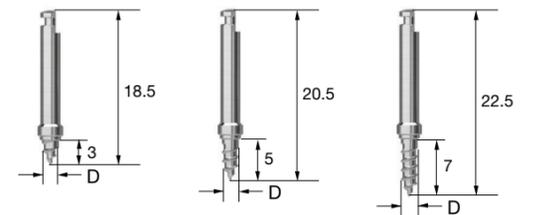
L \ D	Ø1.5	Ø2.0
3.0	ORPUD1503	ORPUD2003
5.0	ORPUD1505	ORPUD2005
7.0	ORPUD1507	ORPUD2007

OS SYSTEM

019

Perforation Drill for e-Driver

- 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

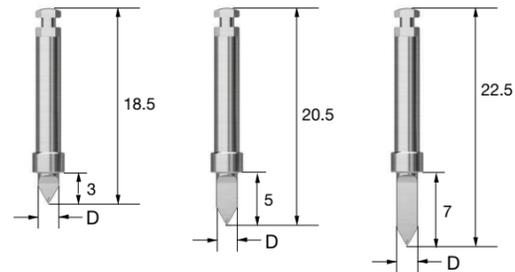


L \ D	Ø1.5	Ø2.0
3.0	ORPED1503	ORPED2003
5.0	ORPED1505	ORPED2005
7.0	ORPED1507	ORPED2007

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

Universal Handle

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



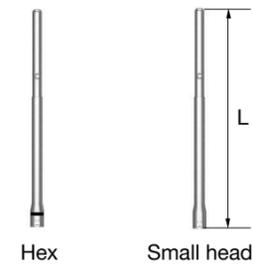
OS SYSTEM

020

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)

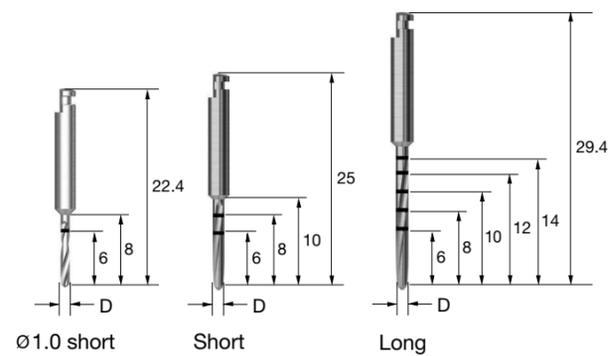


OS SYSTEM

021

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)



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

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



ORP KIT Surgical Instruments

Driver Handle

- Use with hand driver for manually fastening screws



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)

Type	Hex	Small Head
	OSTDA	OSSTDA



Hex



Small head

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

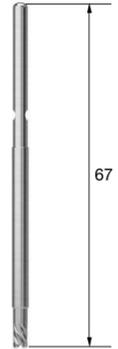


Small head

ORP KIT Removal Tool

Removal Tool for Handle

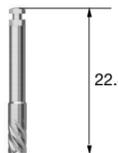
- Easily removable when fracturing OrthAnchor
- Connect to universal handle and use it with counter-clockwise
- Select the specification according to the fracture screw diameter
- Can also be used for other company screw fractures



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

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



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

e-Driver

e-Driver

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

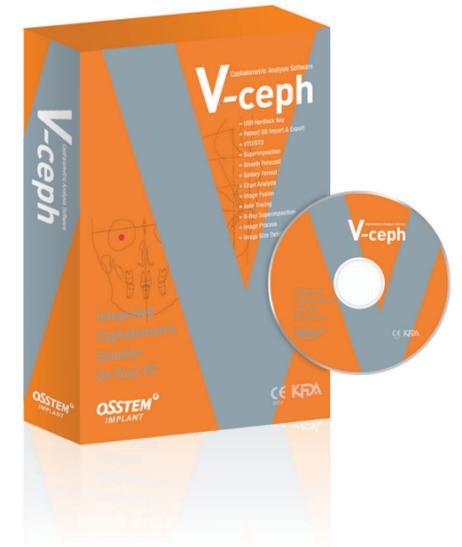
OSM-TORQ



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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