



JDENTALCARE
just smile

SURGICAL KITS AND INSTRUMENTS

We make innovative surgical instruments to improve the daily practice of clinicians



Made in Italy

INDEX OF THE PRODUCTS

Surgical Kits:

• *Standard Kits*

JD Surgical Kit	06
JDPad Surgical Kit	10
JDNeX Surgical Kit	14
JD Bone Track™ Drills Kit	18
JD Onedrill Kit	20
Full Arch Kit	21

• *Guided Surgery Kits*

JD Guided Surgery Kit	22
JD Extra Drills Kit	26
Unica Guided Surgery Kit	28
Z-GO Guide™ Surgical Kit	30

• *Maxilla-For-All® Kits*

JD Pterygo Surgical Kit	32
JDPterygo Drills Kit	34
JDNasal Kit	35
JDZygoma Kit	36

Surgical Instruments:

JDGuide	42
JDTorque	44
Bone Mills	45
Tissue Punch	45
Surgical Drivers	46
Direction Indicators	46
Aligning Instruments	47
Depth Probes	47
JDPterygo Retractor	48
JD P.A.G.A. Drill	48
JDNasal TranZ Drill	48
JDZygoArch Drill	49
Full Arch Tracers	49
JD Removal and Repair Tools	50
JDWeld	52

Drilling Protocols:

Non Guided Surgery	56
Guided Surgery	68

Summary tables:

All The Drills	74
All The instruments	80

SURGICAL KITS

Standard Kits

JD Surgical Kit	06
JDPad Surgical Kit	10
JDNeX Surgical Kit	14
JD Bone Track™ Drills Kit	18
JD Onedrill Kit	20
Full Arch Kit	21

Guided Surgery Kits

JD Guided Surgery Kit	22
JD Extra Drills Kit	26
Unica Guided Surgery Kit	28
Z-GO Guide™ Surgical Kit	30

Maxilla-For-All® Kits

JD Pterygo Surgical Kit	32
JDPterygo Drills Kit	34
JDNasal Kit	35
JDZygoma Kit	36

JD SURGICAL KIT

Product Code: JDPS - JDPCN

Compact and easy to use

The JD Surgical Kit is a compact and easy-to-use kit, that can be washed and sterilised, as it is tested to withstand autoclave cycles.

The kit is available in two versions: with and without drill stops; choose the kit that best suits your surgery.





JD Surgical Kit
Plastic Kit Standard
Code: JDPS

Drills:

JDPD	Precision Drill
JDDR20	Twist Drill Ø 2.0
JDDR24	Twist Drill Ø 2.4
JDDR28	Twist Drill Ø 2.8
JDDR32	Twist Drill Ø 3.2
JDDR36	Twist Drill Ø 3.6
JDDR40	Twist Drill Ø 4.0
JDDR44	Twist Drill Ø 4.4
JDDR48*	Twist Drill Ø 4.8
JDDR54*	Twist Drill Ø 5.4
JDDREXT	Drill Extension

*To be ordered separately



Implant and prosthetic drivers:

JDTW	Torque Wrench JDTorque
JDTWA	Surgical Adapter for JDTorque

Note: all prosthetic drivers will be provided compatible with the choosen implant line.



Direction indicators:

JDDI	Direction Indicator
JDDIS	Direction Indicator Short



JD SURGICAL KIT

Product Code: JDPS - JDPCN



JD Surgical Kit w/ Drill Stops
Plastic Kit w/ Drill Stops
Code: JDPCN

This kit has the same products as JD Surgical base kit, except for the drills that are replaced with the one with stops, and Drill Stops are added

Drills:

JDDR20C	Twist Drill with Stop Ø 2.0
JDDR24C	Twist Drill with Stop Ø 2.4
JDDR28C	Twist Drill with Stop Ø 2.8
JDDR32C	Twist Drill with Stop Ø 3.2
JDDR36C	Twist Drill with Stop Ø 3.6
JDDR40C	Twist Drill with Stop Ø 4.0
JDDR44C	Twist Drill with Stop Ø 4.4
JDDR48C*	Twist Drill with Stop Ø 4.8

*To be ordered separately



Drill stops:

JDDRST60N	Drill Stop New L 6
JDDRST80N	Drill Stop New L 8
JDDRST100N	Drill Stop New L 10
JDDRST115N	Drill Stop New L 11.5
JDDRST130N	Drill Stop New L 13
JDDRST150N	Drill Stop New L 15





Drills:

In the first line of the JD Surgical Kit are located the twist drills and the drill extension, used for the implant site preparation. On the body of the twist drills there are depth marks and in particular a larger mark from 10 mm to 11.5 mm. To ensure optimal primary stability of the implant it is recommended to adhere to the indications of the drilling sequence as indicated on the brochures of each implant line, available at: www.jdentalcare.com.

The twist drills inserted in the Surgical kits are also characterized by a DLC coating, which has the following advantages:

- When the surgical drills are running at high speed, the DLC coating makes the depth marks on drills clearly visible for easier practical use.
- The DLC coating has excellent wear and corrosion resistance.
- The DLC coating reduces friction, resulting in minimal heating of the bone during implant osteotomy.

The steps for a correct osteotomy:

1. Choose the correct implant length
2. Analyze the bone type: if it is soft, medium or dense
3. Follow the indication of the drilling sequence, according to the bone type and implant chosen
4. Check the length of the twist drills on the bottom right-hand corner of the surgical kit

Note: To place the JD Implant Ø6.0, it is necessary to buy separately the appropriate surgical drill Ø4.8 not present in the standard Kit version

Implant drivers:

On the left of the JD Surgical Kit two implant drivers, one short and one long, are included. We will provide you with the compatible driver according to the chosen implant line.

Important: To simplify the final prosthetic rehabilitation, at the time of the final placement of the implant, when the desired depth has been reached, it is necessary to align the side of the hexagon and not the vertex in the implant driver with the vestibular side. In this way, the hexagonal shape of the internal connection makes it possible to position and orient the prosthetic abutment in an optimal manner.



Prosthetic Screwdrivers:

The JD Surgical Kit includes also two screwdrivers for the prosthetic screws, the cover screws, impression copings screws. These screwdrivers are designed to be used both manually and with JD Torque torque wrench. We will provide you with the prosthetic screwdriver according to the chosen implant line.



Surgical Adaptor:

The surgical adaptor is used with the appropriate implant driver for a manually implant insertion. When it is not possible to go ahead manually with implant insertion, insert the adaptor into the JD Torque device to screw the implant into its final position.



JD Torque:

JD Torque is the manual torque wrench manufactured by JDentalCare. It enables you to manually insert, tighten and/or loosen JDentalCare implants, abutments and prosthetic screws, achieving a specific value of torque. Tightening torques range from 10 to 80 Ncm.



Direction indicators:

The kit includes two direction indicators, one short 10mm length and one long 15mm length. These tools shall be used after the drill Ø 2.0mm. These instruments have also marks to measure the depth of the implant site.



Drill stop:

These devices are used with the drill to limit the drilling depth to a predefined value, during the preparation of the implant site.



JDPAD SURGICAL KIT

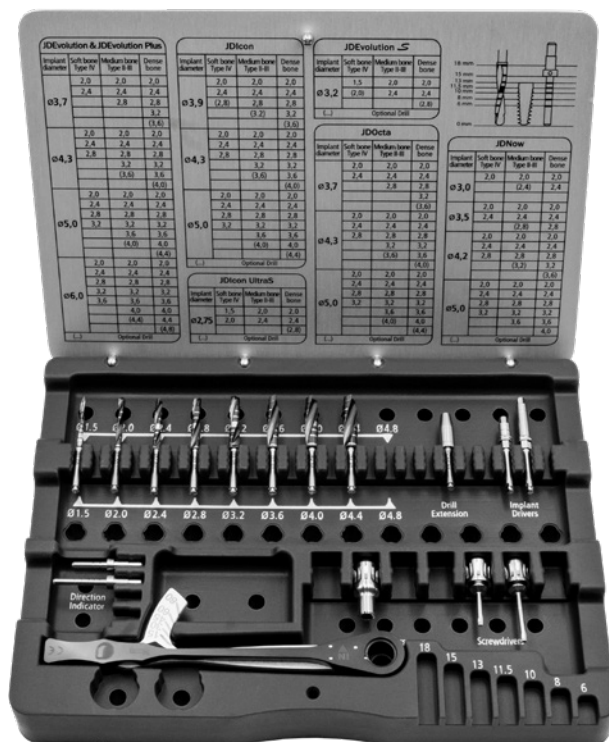
Product Code: EVPS - EVPCN

Compact and easy to use

The JDPad surgical kit consists of a silicone body and an aluminium lid. This kit can be disassembled, washed and sterilised, as it is tested to withstand autoclave cycles.

The kit is available in two versions: with and without drill stops. Choose the kit that best suits your surgery.





JDPad Surgical Kit
JDPad Standard
Code: EVPS

Drills:

JDPD	Precision Drill
JDDR20	Twist Drill Ø 2.0
JDDR24	Twist Drill Ø 2.4
JDDR28	Twist Drill Ø 2.8
JDDR32	Twist Drill Ø 3.2
JDDR36	Twist Drill Ø 3.6
JDDR40	Twist Drill Ø 4.0
JDDR44	Twist Drill Ø 4.4
JDDR48*	Twist Drill Ø 4.8
JDDR54*	Twist Drill Ø 5.4
JDDREXT	Drill Extension

*To be ordered separately



Implant and prosthetic drivers:

JDTW	Torque Wrench JDTorque
JDTWA	Surgical Adapter for JDTorque

Note: all prosthetic drivers will be provided compatible with the choosen implant line.



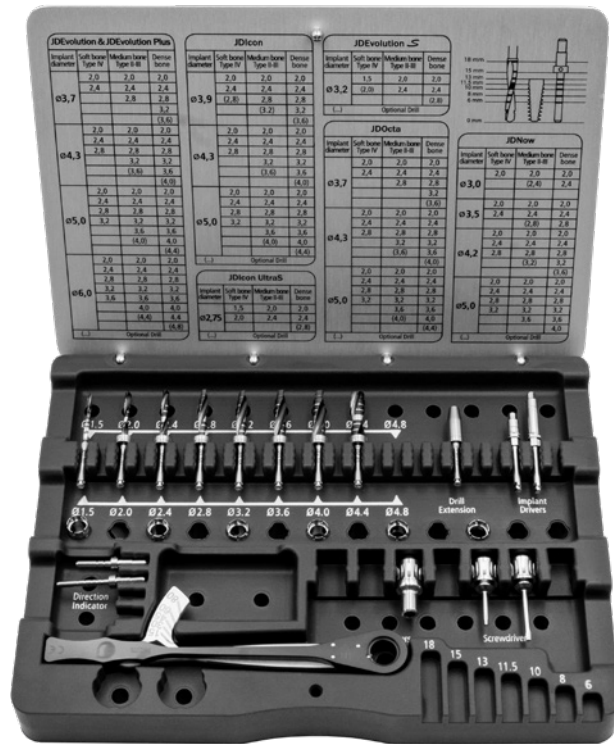
Direction indicators:

JDDI	Direction Indicator
JDDIS	Direction Indicator Short



JDPAD SURGICAL KIT

Product Code: EVPS - EVPCN



JDPad Surgical Kit w/ Drill Stops
JDPad w/ Drill Stops
Code: EVPCN

This kit has the same products as JDPad Surgical Kit, except for the drills that are replaced with the one with stops, and Drill Stops are added

Drills:

JDDR20C	Twist Drill with Stop Ø 2.0
JDDR24C	Twist Drill with Stop Ø 2.4
JDDR28C	Twist Drill with Stop Ø 2.8
JDDR32C	Twist Drill with Stop Ø 3.2
JDDR36C	Twist Drill with Stop Ø 3.6
JDDR40C	Twist Drill with Stop Ø 4.0
JDDR44C	Twist Drill with Stop Ø 4.4
JDDR48C*	Twist Drill with Stop Ø 4.8

*To be ordered separately

Drill stops:

JDDRST60N	Drill Stop New L 6
JDDRST80N	Drill Stop New L 8
JDDRST100N	Drill Stop New L 10
JDDRST115N	Drill Stop New L 11.5
JDDRST130N	Drill Stop New L 13
JDDRST150N	Drill Stop New L 15





Drills:

In the first line of the JD Surgical Kit are located the twist drills and the drill extension, used for the implant site preparation. On the body of the twist drills there are depth marks and in particular a larger mark from 10 mm to 11.5 mm. To ensure optimal primary stability of the implant it is recommended to adhere to the indications of the drilling sequence as indicated on the brochures of each implant line, available at: www.jdentalcare.com.

The twist drills inserted in the Surgical kits are also characterized by a DLC coating, which has the following advantages:

- When the surgical drills are running at high speed, the DLC coating makes the depth marks on drills clearly visible for easier practical use.
- The DLC coating has excellent wear and corrosion resistance.
- The DLC coating reduces friction, resulting in minimal heating of the bone during implant osteotomy.

The steps for a correct osteotomy:

1. Choose the correct implant length
2. Analyze the bone type: if it is soft, medium or dense
3. Follow the indication of the drilling sequence, according to the bone type and implant chosen
4. Check the length of the twist drills on the bottom right-hand corner of the surgical kit

Note: To place the JD Implant Ø6.0, it is necessary to buy separately the appropriate surgical drill Ø4.8 not present in the standard Kit version

Implant drivers:

On the left of the JD Surgical Kit two implant drivers, one short and one long, are included. We will provide you with the driver compatible driver according to the chosen implant line.

Important: To simplify the final prosthetic rehabilitation, at the time of the final placement of the implant, when the desired depth has been reached, it is necessary to align the side of the hexagon and not the vertex in the implant driver with the vestibular side. In this way, the hexagonal shape of the internal connection makes it possible to position and orient the prosthetic abutment in an optimal manner.



Prosthetic Screwdrivers:

The JD Surgical Kit includes also two screwdrivers for the prosthetic screws, the cover screws, impression copings screws. These screwdrivers are designed to be used both manually and with JD Torque torque wrench. We will provide you with the prosthetic screwdriver according to the chosen implant line.



Surgical Adaptor:

The surgical adaptor is used with the appropriate implant driver for a manually implant insertion. When it is not possible to go ahead manually with implant insertion, insert the adaptor into the JD Torque device to screw the implant into its final position.



JD Torque:

JD Torque is the manual torque wrench manufactured by JDentalCare. It enables you to manually insert, tighten and/or loosen JDentalCare implants, abutments and prosthetic screws, achieving a specific value of torque. Tightening torques range from 10 to 80 Ncm.



Direction indicators:

The kit includes two direction indicators, one short 10mm length and one long 15mm length. These tools shall be used after the drill Ø 2.0mm. These instruments have also marks to measure the depth of the implant site.



Drill stop:

These devices are used with the drill to limit the drilling depth to a predefined value, during the preparation of the implant site.



JDNeX SURGICAL KIT

Product Code: JDNeXK - JDNeXKS

One kit. Two configurations. Total control.

Designed exclusively for the JDNeX implant system, the JDNeX Surgical Kit combines dedicated drills, drivers and accessories into a simplified surgical protocol.

From single implant placement to Full Arch on X rehabilitations, the kit supports clinicians throughout every stage of the procedure, ensuring precision, versatility and ease of use.

Its intuitive organisation, together with two available configurations, with and without Drill Stops, helps simplify every procedure while providing the flexibility required for different clinical situations.





JDNeX Surgical Kit
Code: JDNEXK

Initial Drills:

JDPD Precision Drill



Standard Drills:

JDDR20 Twist Drill Ø 2.0
JDDR35NEX Tapered Drill Ø 3.5 JDNeX
JDDR37NEX Tapered Drill Ø 3.75 JDNeX
JDDR40NEX Tapered Drill Ø 4.0 JDNeX
JDDR43NEX Tapered Drill Ø 4.3 JDNeX
JDDR50NEX Tapered Drill Ø 5.0 JDNeX
JDDR35NEXP Tapered Drill Ø 3.5 Plus JDNeX
JDDR37NEXP Tapered Drill Ø 3.75 Plus JDNeX
JDDR40NEXP Tapered Drill Ø 4.0 Plus JDNeX
JDDR43NEXP Tapered Drill Ø 4.3 Plus JDNeX
JDDR50NEXP Tapered Drill Ø 5.0 Plus JDNeX



Countersink Drills:

JDDR35CSNEX Countersink Drill Ø 3.5 JDNeX
JDDR37CSNEX Countersink Drill Ø 3.75 JDNeX
JDDR40CSNEX Countersink Drill Ø 4.0 JDNeX
JDDR43CSNEX Countersink Drill Ø 4.3 JDNeX
JDDR50CSNEX Countersink Drill Ø 5.0 JDNeX



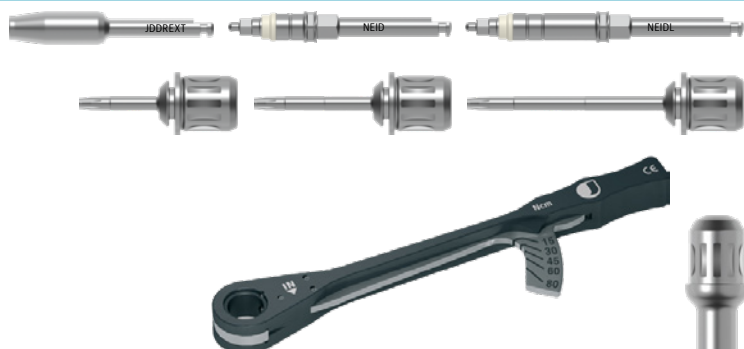
Direction indicators:

JDDI Direction Indicator
JDDIS Direction Indicator Short

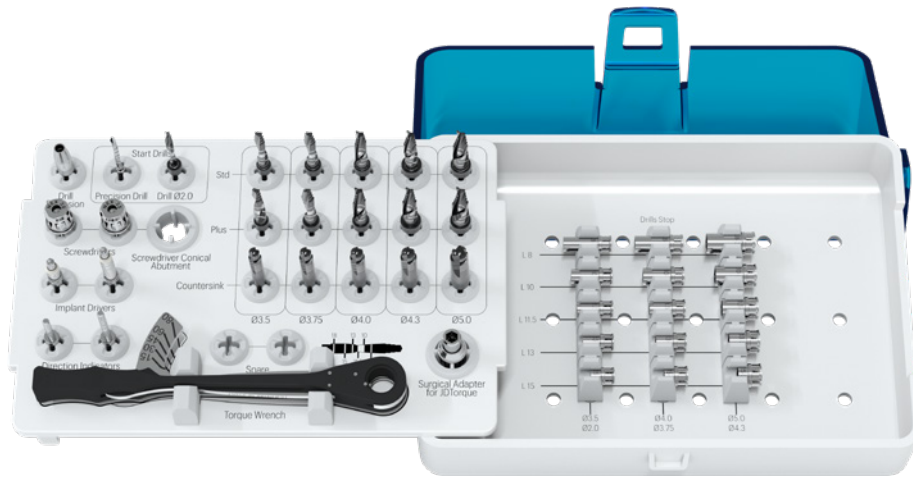


Implant and prosthetic drivers:

JDDREXT Drill Extension New
NEID Implant Driver JDNeX
NEIDL Implant Driver Long JDNeX
NESDPF20 Prosthetic Driver for JD Torque L 20 JDNeX
NESDPF25 Prosthetic Driver for JD Torque L 25 JDNeX
NESDPF35 Prosthetic Driver for JD Torque L 35 JDNeX
JDTW Torque Wrench JD Torque
JDTWA Surgical Adapter for JD Torque



JDNEX SURGICAL KIT



JDNEX Surgical Kit w/ Drill Stops
Code: JDNEXKS

Drills with Stop:

JDDR20STNEX	Tapered Drill w/ Stop Ø 2.0 JDNEX
JDDR35STNEX	Tapered Drill w/ Stop Ø 3.5 JDNEX
JDDR37STNEX	Tapered Drill w/ Stop Ø 3.75 JDNEX
JDDR40STNEX	Tapered Drill w/ Stop Ø 4.0 JDNEX
JDDR43STNEX	Tapered Drill w/ Stop Ø 4.3 JDNEX
JDDR50STNEX	Tapered Drill w/ Stop Ø 5.0 JDNEX
JDDR35STNEXP	Tapered Drill w/ Stop Ø 3.5 Plus JDNEX
JDDR37STNEXP	Tapered Drill w/ Stop Ø 3.75 Plus JDNEX
JDDR40STNEXP	Tapered Drill w/ Stop Ø 4.0 Plus JDNEX
JDDR43STNEXP	Tapered Drill w/ Stop Ø 4.3 Plus JDNEX
JDDR50STNEXP	Tapered Drill w/ Stop Ø 5.0 Plus JDNEX



Drill Stops:

JDDRST80-1NEX	Stop L 8 for Drill Ø 2.0-3.5 JDNEX
JDDRST100-1NEX	Stop L 10 for Drill Ø 2.0-3.5 JDNEX
JDDRST115-1NEX	Stop L 11.5 for Drill Ø 2.0-3.5 JDNEX
JDDRST130-1NEX	Stop L 13 for Drill Ø 2.0-3.5 JDNEX
JDDRST150-1NEX	Stop L 15 for Drill Ø 2.0-3.5 JDNEX



JDDRST80-2NEX	Stop L 8 for Drill Ø 3.75-4.0 JDNEX
JDDRST100-2NEX	Stop L 10 for Drill Ø 3.75-4.0 JDNEX
JDDRST115-2NEX	Stop L 11.5 for Drill Ø 3.75-4.0 JDNEX
JDDRST130-2NEX	Stop L 13 for Drill Ø 3.75-4.0 JDNEX
JDDRST150-2NEX	Stop L 15 for Drill Ø 3.75-4.0 JDNEX



JDDRST80-3NEX	Stop L 8 for Drill Ø 4.3-5.0 JDNEX
JDDRST100-3NEX	Stop L 10 for Drill Ø 4.3-5.0 JDNEX
JDDRST115-3NEX	Stop L 11.5 for Drill Ø 4.3-5.0 JDNEX
JDDRST130-3NEX	Stop L 13 for Drill Ø 4.3-5.0 JDNEX
JDDRST150-3NEX	Stop L 15 for Drill Ø 4.3-5.0 JDNEX



Standard Drills

For each implant diameter Standard Drills have been designed to prepare the implant site in low-density bone. Their geometry helps preserve bone compression and supports optimal primary stability.

Plus Drills

For each implant diameter Plus Drills have been designed to prepare the implant site in medium-dense bone. Their geometry closely follows the implant profile, allowing a more controlled site preparation.

Countersink Drills

Dedicated to crestal bone preparation. Countersinks improve the adaptation of the coronal implant portion and reduce stress on cortical bone.

Drills with Stop

Used with the JDNeX Depth Stops to ensure accurate and predictable implant site preparation, while preserving the freedom of free-hand surgery.

Depth Stops

A stop system applied directly onto the drills for physical depth control. Available in slim, medium, and wide diameters matched to each drill, giving clinicians precise osteotomy control across any ridge width.

Drivers & Screwdrivers

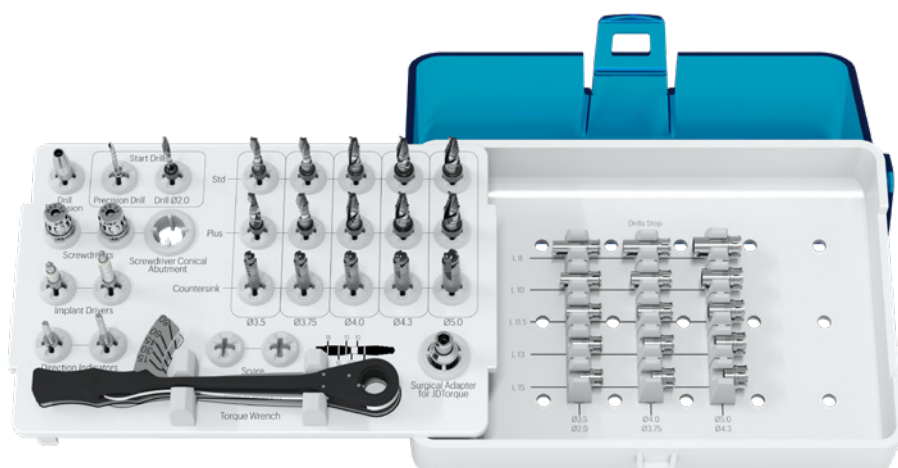
Compatible with the JDNeX implant and prosthetic connections, drivers and screwdrivers guarantee a precise and tight fit for a safe surgical procedure.



Standard Kit - JDNeXK

Complete operative freedom

Configuration dedicated to conventional free-hand implant surgery. It includes surgical drills, countersinks, implant insertion instruments and accessories required to perform the complete protocol in full operative freedom.



Kit with Stops - JDNeXKS

Control and safety with stops

This configuration combines the JDNeX Drills design with the Depth Stop System. The stops allow preparation to the planned depth while maintaining the freedom of free-hand surgery, with physical depth control.

JD BONE TRACK™ DRILLS KIT

Product Code: JDBTK

Place implants in post extractive sites correctly and accurately with JD Bone Track drills!

The JD Bone Track drill is a registered product, specifically designed to simplify the insertion of the post-extractive implant. JD Bone Track drills are characterized by a diamond cutting body and a non-cutting tip. Follow the Bone Track method!



The JD Bone Track drills are specifically designed to simplify the immediate insertion of the post-extractive implant.

JD Bone Track drills are characterized by a diamond cutting body and a non-cutting tip. They are available in four different implant diameters (Ø 3.2, Ø 3.7, Ø 4.3, Ø 5.0mm).



Drills for non guided protocol:

JDDIADR32	Diamond Drill Ø 3.2
JDDIADR37	Diamond Drill Ø 3.7
JDDIADR43	Diamond Drill Ø 4.3
JDDIADR50	Diamond Drill Ø 5.0



Product Code: JDODK

The JD Onedrill Kit is composed with 5 drills that allows you to simplify the drilling sequence. Use just one drill to create the implant site in case of soft or medium bone (Type III-IV), or two sequential drills in case of dense bone (Type I-II).

The drills of the JD Onedrill Kit are used to prepare the osteotomy for placement of JDEvolution and JDEvolution S implants.



The drills of JD Onedrill kit are specially designed tapered with four blades edges.

They simplify the drilling sequence, reducing the operation time and the post operative morbidity.

These drills are available for four different diameters implants (3.2, 3.7, 4.3 and 5mm) characterized by different color codes.

Drills for non guided protocol:

JDID	Initial Drill
JDOD32	Implant Drill Ø 3.2
JDOD37	Implant Drill Ø 3.7
JDOD43	Implant Drill Ø 4.3
JDOD50	Implant Drill Ø 5.0
JDDREXT	Drill Extension
JDOD32P	Direction Indicator for JDOD32
JDOD37P	Direction Indicator for JDOD37
JDOD43P	Direction Indicator for JDOD43
JDOD50P	Direction Indicator for JDOD50

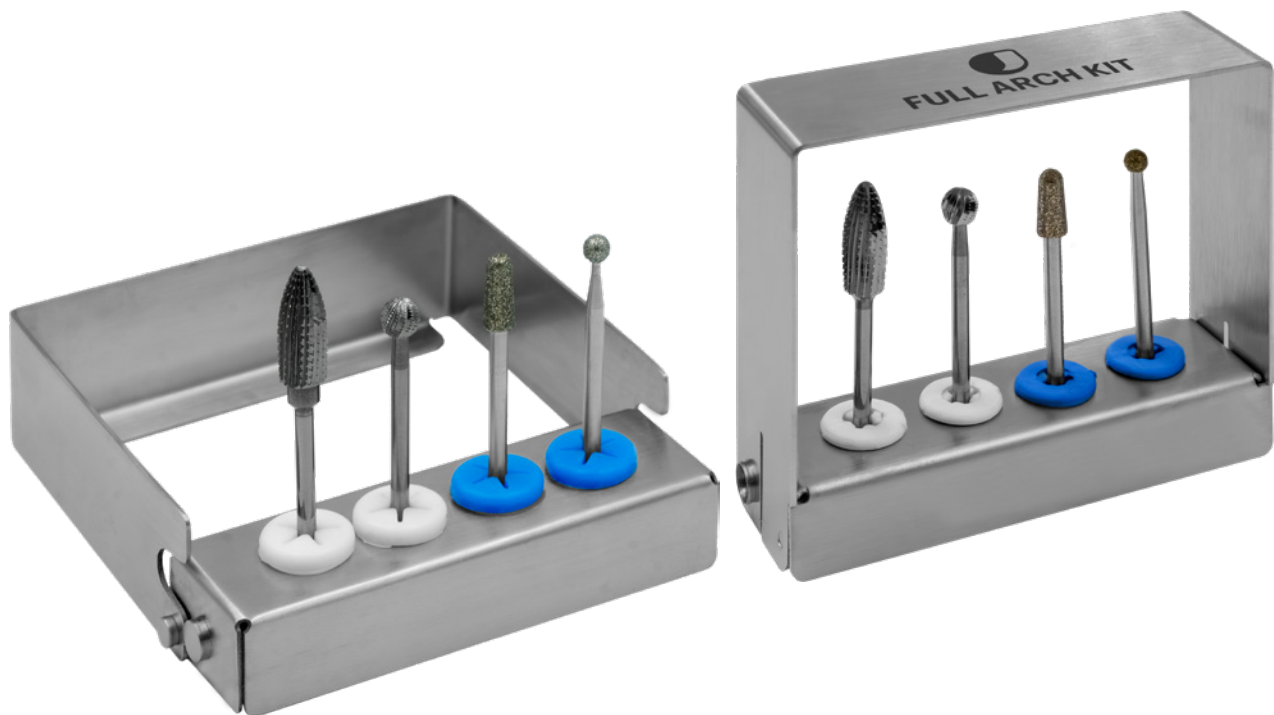


FULL ARCH KIT

Surgical Kits

Product Code: JDFABRK

A simple protocol for regular, functional and biologically predictable bone management. Proper preparation of the bone is a key step in Full Arch rehabilitations. A regular, smooth and well-levelled bone profile allows optimal soft tissue management, it can improve prosthetic stability and can reduce the risk of post-operative complications. The Full Arch kit has been designed to guide the clinician through a controlled and sequential workflow, ensuring precise, progressive and predictable bone shaping.



Bone Reduction Drills:

JDBLDR	JD Bone Leveling Drill
JDBLSF	JD Bone Spherical Drill Ø 5.0
JDBLDIASF	JD Bone Diamond Spherical Drill
JDBLDIAC	JD Bone Diamond Conical Drill



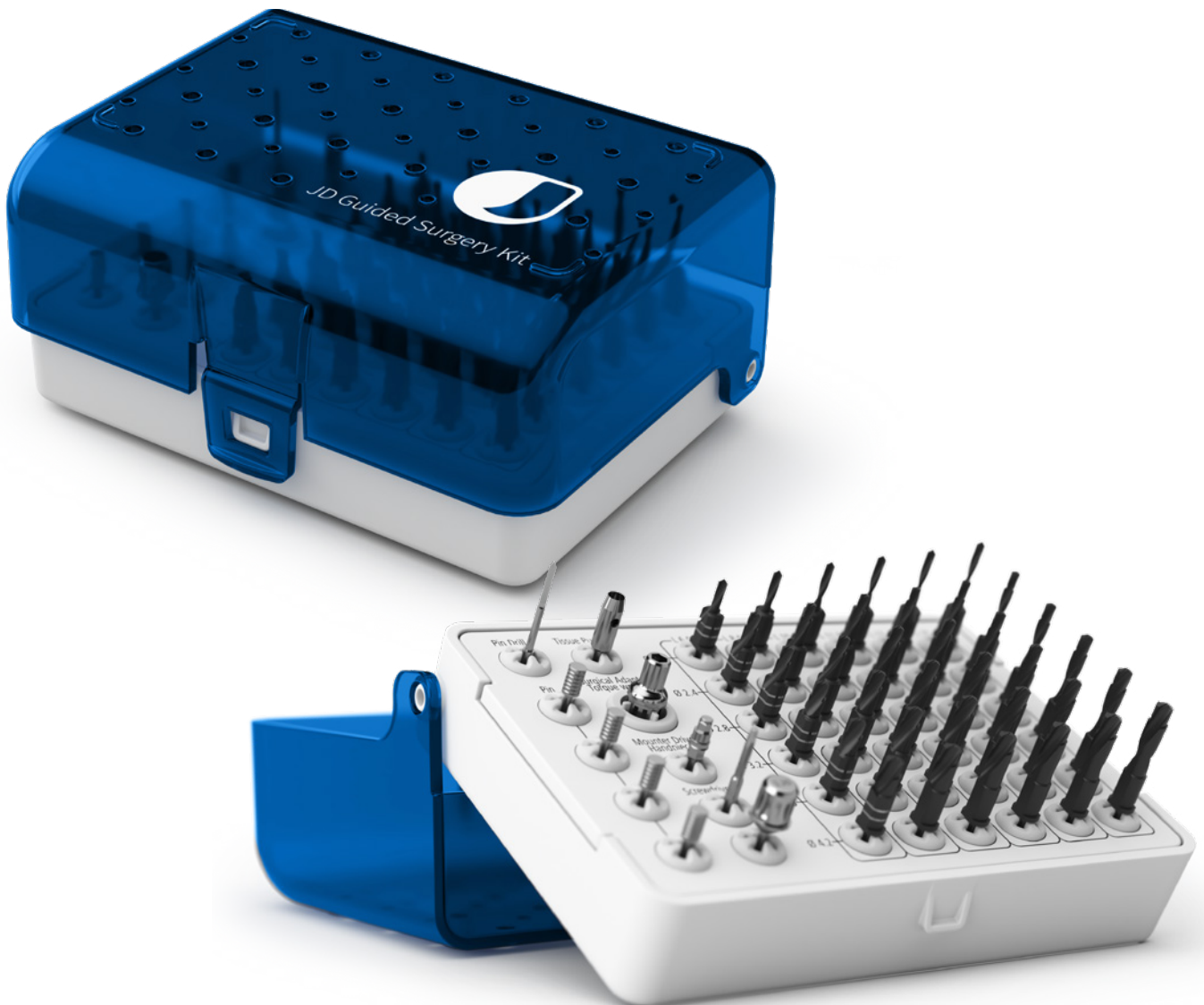
JD GUIDED SURGERY KIT

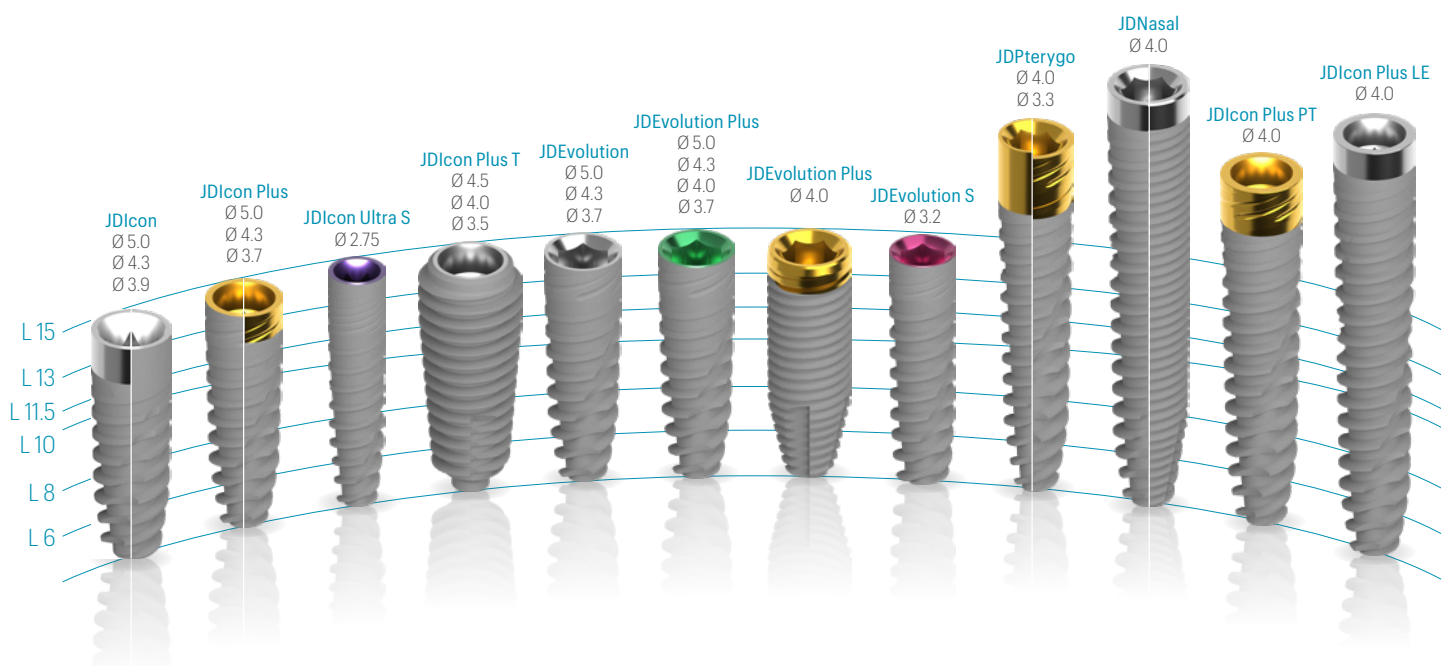
Product Code: JDGSK

The JD Guided Surgery Kit is the surgical kit made by JDentalCare to support computer guided surgery.

This kit is complete, reliable and easy to use. Its strength is compatibility: with just one kit you can use all fixtures of JDentalCare implant lines, with diameters from 2.75 mm to 5.0 mm and lengths from 6 mm to 15 mm. You will also be able to purchase and complete the kit with 18, 20, 22, 24, 26mm long drills for guided pterygoid and nasal implant placement.

*The 18, 20, 22, 24, 26mm long drills are contained in the JD Guided Surgery Kit Extra Drills (Code: JDKIT02)





Simplicity

One kit for all JD implant lines

Simplified insertion with just one kit for all fixtures of JDentalCare implant lines, with diameters from 2.75 mm to 5.0 mm and lengths from 6 mm to 15 mm.

Let your hand be guided by the JD Guided Surgery Kit

The ideal solution to perform a minimally invasive surgery with more precision, increased predictability results and with few simple guided surgery steps.

All JD Guided Drills have a non cylindrical special design with two lateral cuts which allows:

- A less friction on the sleeves, avoiding overheating
- A better external irrigation during the implant site preparation



Compatibility

Guided implant depth control

High precision in surgical procedures: implants are placed to the planned depth using a surgical guide and the guided surgery instruments are used in combination with a single sleeve of Ø 5.01mm for a secure implant depth control.

Precision

User-friendly software design

A single kit compatible with the main Software programs for guided surgery present on the market.



JD GUIDED SURGERY KIT

Product Code: JDGSK



Guided implant Mounters:

EVGMC	Implant Mounter for JDEvolution
EVGMLC	Implant Mounter Long for JDEvolution
ESGMC	Implant Mounter for JDEvolution S
ESGMLC	Implant Mounter Long for JDEvolution S
ICGMC	Implant Mounter for JDIcon
ICGMC.	Implant Mounter for JDIcon Plus
ICGMLC.	Implant Mounter Long for JDIcon Plus
ISGMC	Implant Mounter for JDIcon Ultra S



Note: We will provide you with the guided implant mounters according to the chosen implant line.

Implant and prosthetic drivers:

EVIDG	Driver Body for Guided Surgery
EVSDP25	Prosthetic Driver L 25
EVSDPF25	Prosthetic Driver for JDTorque L 25
JDID116	Implant Driver for Guided Surgery JDEvolution Plus*
JDID111	Implant Driver for Guided Surgery JDEvolution S*
ICIDGS.	Implant Driver for Guided Surgery JDIcon Plus*
JDTW	Torque Wrench JDTorque
JDTWA	Surgical Adapter for JDTorque

*Not included in the kit. To be ordered separately



Tissue Punch:

JDTP35	Tissue Punch Ø 3.5
--------	--------------------



Sleeves and Pin:

JDBG	Guided Surgery Sleeve**
JDBGB	Guided Surgery Peek Sleeve**
JDBGBL	Guided Surgery Peek Sleeve Long**
JDBGP	Pin Sleeve**
JDPIN	Fixation Pin

**Provided with the surgical guide

**Drills:**

JDGD20-060	Guided Drill Ø 2.0 L 6.0
JDGD20-080	Guided Drill Ø 2.0 L 8.0
JDGD20-100	Guided Drill Ø 2.0 L 10.0
JDGD20-115	Guided Drill Ø 2.0 L 11.5
JDGD20-130	Guided Drill Ø 2.0 L 13.0
JDGD20-150	Guided Drill Ø 2.0 L 15.0



Ø 2.0



Ø 2.4

JDGD24-060	Guided Drill Ø 2.4 L 6.0
JDGD24-080	Guided Drill Ø 2.4 L 8.0
JDGD24-100	Guided Drill Ø 2.4 L 10.0
JDGD24-115	Guided Drill Ø 2.4 L 11.5
JDGD24-130	Guided Drill Ø 2.4 L 13.0
JDGD24-150	Guided Drill Ø 2.4 L 15.0

JDGD28-060	Guided Drill Ø 2.8 L 6.0
JDGD28-080	Guided Drill Ø 2.8 L 8.0
JDGD28-100	Guided Drill Ø 2.8 L 10.0
JDGD28-115	Guided Drill Ø 2.8 L 11.5
JDGD28-130	Guided Drill Ø 2.8 L 13.0
JDGD28-150	Guided Drill Ø 2.8 L 15.0



Ø 2.8



Ø 3.2

JDGD32-060	Guided Drill Ø 3.2 L 6.0
JDGD32-080	Guided Drill Ø 3.2 L 8.0
JDGD32-100	Guided Drill Ø 3.2 L 10.0
JDGD32-115	Guided Drill Ø 3.2 L 11.5
JDGD32-130	Guided Drill Ø 3.2 L 13.0
JDGD32-150	Guided Drill Ø 3.2 L 15.0

JDGD36-060	Guided Drill Ø 3.6 L 6.0
JDGD36-080	Guided Drill Ø 3.6 L 8.0
JDGD36-100	Guided Drill Ø 3.6 L 10.0
JDGD36-115	Guided Drill Ø 3.6 L 11.5
JDGD36-130	Guided Drill Ø 3.6 L 13.0
JDGD36-150	Guided Drill Ø 3.6 L 15.0



Ø 3.6



Ø 4.2

JDGD42-060	Guided Drill Ø 4.2 L 6.0
JDGD42-080	Guided Drill Ø 4.2 L 8.0
JDGD42-100	Guided Drill Ø 4.2 L 10.0
JDGD42-115	Guided Drill Ø 4.2 L 11.5
JDGD42-130	Guided Drill Ø 4.2 L 13.0
JDGD42-150	Guided Drill Ø 4.2 L 15.0

JDGD	Guided Surgery Precision Drill
------	--------------------------------

**Countersink Drill and Initial Drills:**

JDGD100	Guided Drill Countersink*
JDGD101	Guided Initial Drill L 6.0*
JDGD102	Guided Initial Drill L 8.0*
JDGD103	Guided Initial Drill L 10.0*
JDGD104	Guided Initial Drill L 11.5*
JDGD105	Guided Initial Drill L 13.0*
JDGD106	Guided Initial Drill L 15.0*

*Not included in the kit. To be ordered separately



JD EXTRA DRILLS KIT

Product Code: JDKIT02

The JD Guided Surgery Extra Drills Kit is a kit that includes drills to be used for JDNasal, JDPterygo, JDIcon Plus PT and JDIcon Plus LE implant placement using the guided surgery technique.





Drills:

JDGD20-180	Guided Drill Ø 2.0 L 18.0
JDGD20-200	Guided Drill Ø 2.0 L 20.0
JDGD20-220	Guided Drill Ø 2.0 L 22.0
JDGD20-240	Guided Drill Ø 2.0 L 24.0
JDGD20-260	Guided Drill Ø 2.0 L 26.0
JDGD24-180	Guided Drill Ø 2.4 L 18.0
JDGD24-200	Guided Drill Ø 2.4 L 20.0
JDGD24-220	Guided Drill Ø 2.4 L 22.0
JDGD24-240	Guided Drill Ø 2.4 L 24.0
JDGD24-260	Guided Drill Ø 2.4 L 26.0



UNICA GUIDED SURGICAL KIT

Product Code: JDKIT07

A new era in guided surgery has started.

Unica: one drill for each implant diameter and bone type (mandible or maxilla) combined with a revolutionary set of Drill Stops to reach the desired lengths.

This unique and patent pending surgical kit is compatible with 3.2, 3.7 and 4.3 mm diameter implants of all JDentalCare implant lines.

A revolution in computer guided surgery protocols designed to reduce complexity and to enhance precision during your daily practice.



UNICA-DRILL

One Unica Drill for each implant diameter for fast and predictable osteotomy.

The tips of the drills follow the implant profile, in order to create a perfect implant site for the desired implant.

UNICA-DRILL STOP

One Unica Drill Stop for each desired implant length (from 10 to 18 mm). Initial Unica Stops (6 and 8 mm) are designed to guide the osteotomy from the beginning.

One Unica Drill associated with the Unica Stop of the desired length will create the perfect guided osteotomy for your implant.

UNICA-POST-EXTRACTIVE DRILL

The three post-extractive drills thanks to their rounded diamond tip with high abrasive capacity are able to pierce the bony wall of the socket without deviating in their path, even in case of a hard and inclined bone wall.

This ensures precise osteotomy inclination corresponding to the planning done by computer guided surgery software.



Drills:

JDGD110	Guided Drill Unica Ø 3.2 MD
JDGD111	Guided Drill Unica Ø 3.2 MX
JDGD112	Guided Drill Unica Ø 3.7 MD
JDGD113	Guided Drill Unica Ø 3.7 MX
JDGD114	Guided Drill Unica Ø 4.3 MD
JDGD115	Guided Drill Unica Ø 4.3 DMD
JDGD116	Guided Drill Unica Ø 4.3 MX
JDDIADR102	Post-Extractive Guided Drill Unica Ø 3.2
JDDIADR103	Post-Extractive Guided Drill Unica Ø 3.7
JDDIADR104	Post-Extractive Guided Drill Unica Ø 4.3



Drill Stops:

JDODGDST060	Unica Initial Drill Stop L 6
JDODGDST080	Unica Initial Drill Stop L 8
JDODGDST100	Unica Drill Stop L 10
JDODGDST115	Unica Drill Stop L 11.5
JDODGDST130	Unica Drill Stop L 13
JDODGDST150	Unica Drill Stop L 15
JDODGDST180	Unica Drill Stop L 18



Drivers:

EVIDG	Driver Body for Guided Surgery
EVSDP25	Prosthetic Driver L 25
EVSDPF25	Prosthetic Driver for JDTorque L 25
JGDGP	Guided Surgery Precision Drill
JDPIN	Fixation Pin
JDTWA	Surgical Adapter for JDTorque
JDTW	Torque Wrench JDTorque

Note: all the implant mounters will be provided compatible with the chosen implant line.



Z-GO GUIDE™ SURGICAL KIT

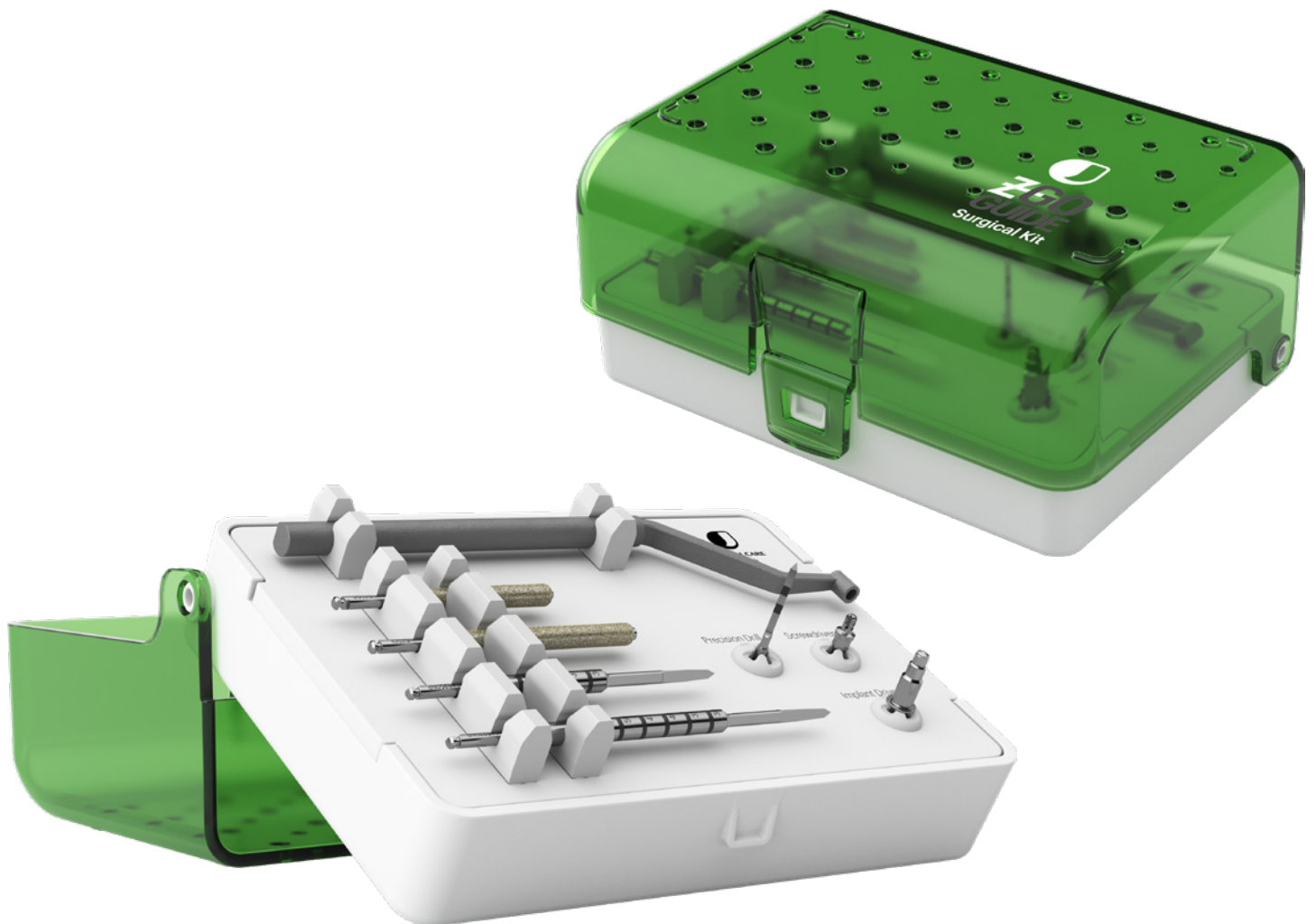
Product Code: JDKIT05

JDentalCare has developed a new solution to enhance the zygomatic surgery approach. Z-GO Guide™ is a patented guided system to support clinicians during the challenging and complex cases involving zygomatic implants.

Surgeries involving the use of zygomatic implants are among the most complex therefore they are usually performed by highly experienced doctors. It is essential that the surgeon performs an extremely thorough procedure in order to obtain perfect results and avoid major complications.

Z-GO Guide™ is a comprehensive concept including a medical grade titanium surgical guide, digitally designed, manufactured with 3D laser printing technology; this is possible due to the advanced functionalities of JD-igital Guide software (powered by Real Guide™) that have been specifically developed for the Z-GO Guide™ concept.

A cutting edge, bone supported, surgical guide to make your zygomatic surgeries precise and predictable. Moreover the dedicated Z-GO Guide™ surgical kit will allow a fully guided zygomatic implant placement.



GO GUIDED

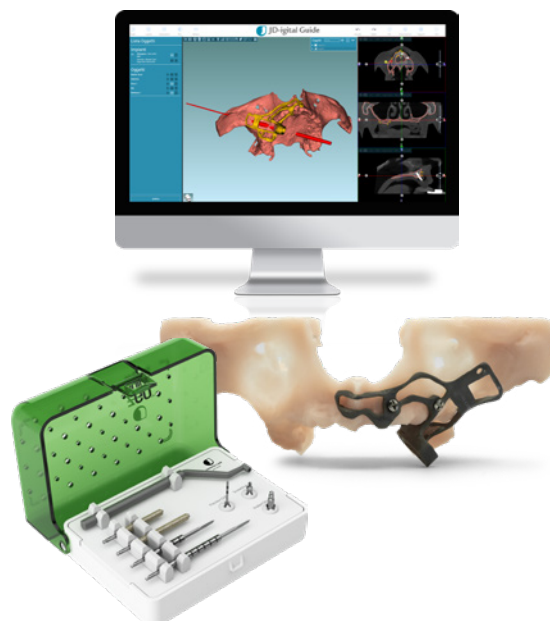
Z-GO Guide™ concept comes from a customization of the most advanced functionalities of JD-igital Guide software (powered by Real Guide™). The proprietary modules that have been developed offer everything needed for precise zygomatic implant planning, a Z-GO Guide™ fully customized design of the surgical guide with the goal to provide predictable, accurate, safe and minimally invasive zygomatic implant guided surgery.

GO SIMPLER

Simplify your zygomatic surgery experience with the Z-GO Guide™ Surgical Kit. Dedicated new drills and drivers have been developed to perform a fully guided zygomatic surgery procedure. This new kit, simple and compact, works in combination with the JDZygoma Kit to give the user the maximum flexibility.

GO SAFER

More precision and more safety for you and your patients. Plan a safe surgery working with digital planning and using dedicated surgical tools. A precise and predictable step by step protocol to be followed during all your zygomatic surgeries.



Drills:

JDDR102	Z-GO Guide™ Precision Drill
ZJDDREXS250NP	Z-GO Guide™ Initial Drill L 50
ZJDDREXS270NP	Z-GO Guide™ Initial Drill L 70
GZDDS	Z-GO Guide™ Diamond Drill
GZDDL	Z-GO Guide™ Diamond Drill Long



Drivers:

JDIDA	Z-GO Guide™ Initial Drill Adaptor
JDPD140	Z-GO Guide™ Screwdriver
JDID115	Z-GO Guide™ Implant Driver



JD PTERYGO SURGICAL KIT

Product Code: JDKIT04

The JD Pterygo Surgical Kit is specially developed by JDentalCare for implants placement in pterygoid bone.

It is a complete and easy-to-use kit that contains all the instruments needed to perform the correct osteotomy and secure the placement of JDPterygo and JDPterygo One implants.

The kit includes all the surgical and prosthetic instruments compatible with JDPterygo and JDPterygo One implants.





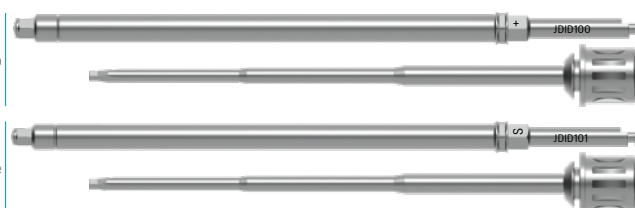
Drills for non guided protocol:

JDDRPT20	Drill Ø 2.0 JDPterygo
JDDRPT24	Drill Ø 2.4 JDPterygo
JDDR101	Drill Ø 2.8 JDPterygo
JDDRPT32	Drill Ø 3.2 JDPterygo



Implant and prosthetic drivers:

JDID100	JD Implant Driver - JDPterygo	JDPterygo
EVSDPF60:	Prosthetic Driver for JDTorque L60 JDEvolution Plus	
JDID101	JD Implant Driver - JDPterygo One	JDPterygo One
EVSDPF60	Prosthetic Driver for JDTorque L 60	



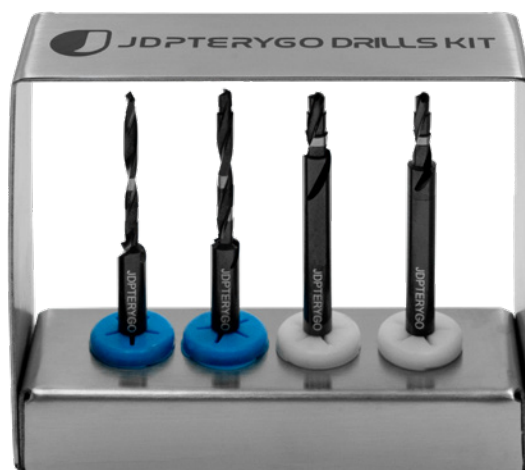
Product Code: JDKIT01

The JDPterygo Drills Kit contains drills specifically designed for the insertion of JDPterygo, JDPterygo One and JDIcon Plus PT implants into the pterygoid bone. The kit contains longer drills for proper bone preparation in the apical and coronal areas. These drills allow a precise, safe and fast osteotomy.



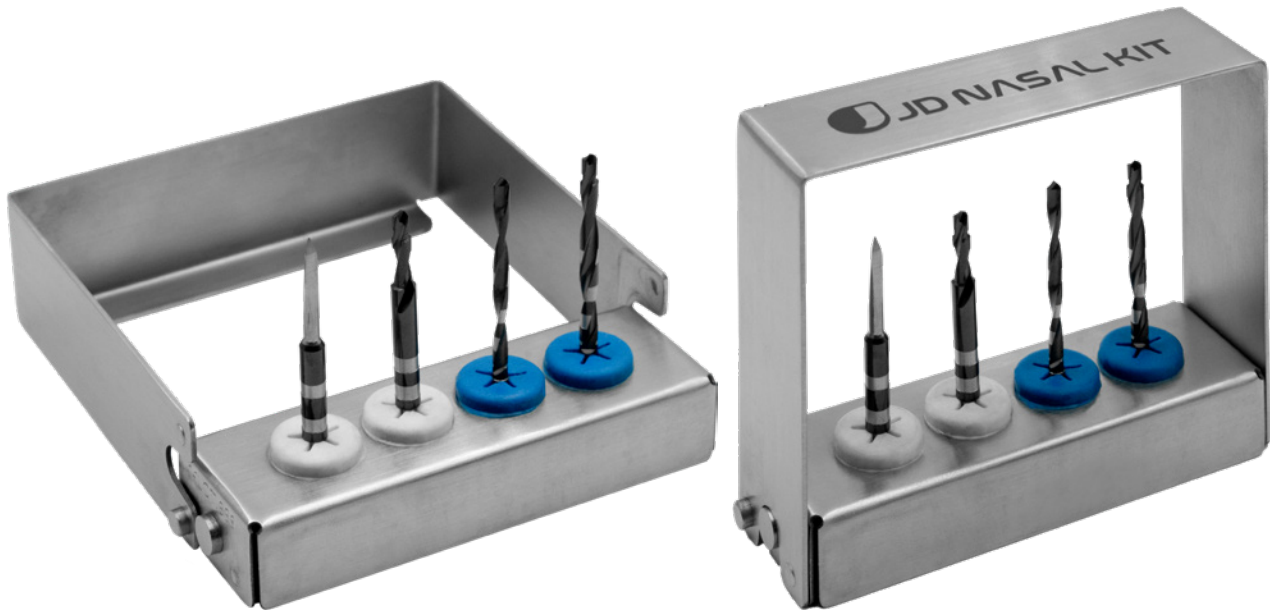
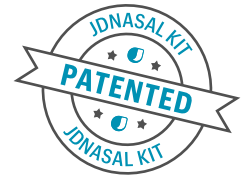
Drills:

JDDRPT20	Drill Ø 2.0 JDPterygo
JDDRPT24	Drill Ø 2.4 JDPterygo
JDDR101	Drill Ø 2.8 JDPterygo
JDDRPT32	Drill Ø 3.2 JDPterygo



Product Codes: JDNAK / JDNAKF

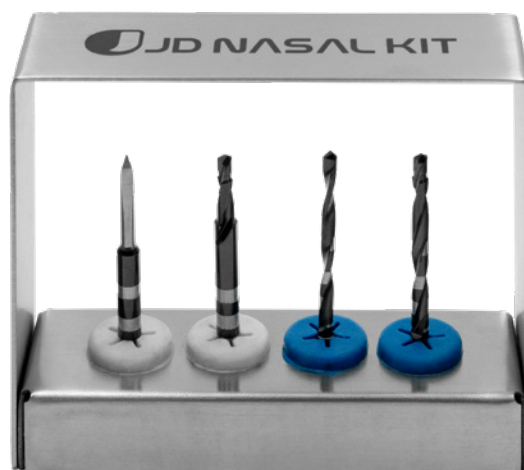
The JDNasal Kit includes drills specifically designed for the insertion of JDNasal and JDIcon Plus LE implants. These drills allow precise and fast osteotomy.



Drills:

JDIDNA*	Initial Drill JDNasal
JDDR20L	Drill Ø 2.0 JDNasal
JDDR24L	Drill Ø 2.4 JDNasal
JDDRNA24*	Helix Drill Ø 2.4 JDNasal

*JDNAK is composed only by these two drills.



JDZYGOMA KIT

Product Code: ZSKITE - ZSKITF

The JDZygoma Kit is a complete and easy-to-use surgical kit for implant placement in the zygomatic bone. The kit contains all the necessary instruments for JDZygoma and JDZygoma One implant placement.

The JDZygoma Kit is available in two versions: choose the one that best suits your needs.





JDZygoma Kit Extra
Code: ZSKITE

Drills for non guided protocol:

JDBLDIASF	JD Bone Diamond Spherical Drill
ZJDDREXS150NP	Initial Drill L 50 new profile JDZygoma
ZJDDREXS170NP	Initial Drill L 70 new profile JDZygoma
JDDIADR	Diamond Drill JDZygoma
JDDIADRL	Diamond Drill Long JDZygoma
ZJDDREXS150N	Zygomatic Drill 1 L 50 - 3 Flutes
ZJDDREXS170N	Zygomatic Drill 1 L 70 - 3 Flutes
ZJDDREXS250N	Zygomatic Drill 2 L 50 - 3 Flutes
ZJDDREXS270N	Zygomatic Drill 2 L 70 - 3 Flutes
ZJDDREXS350N	Zygomatic Drill 3 L 50 - 3 Flutes
ZJDDREXS370N	Zygomatic Drill 3 L 70 - 3 Flutes
JDZPR	60mm Depth Probe JDZygoma



Implant and prosthetic drivers:

EVID:	Implant Driver JDEvolution Plus
EVSUDMAX	Surgical Driver Max JDEvolution



JDZYGOMA KIT

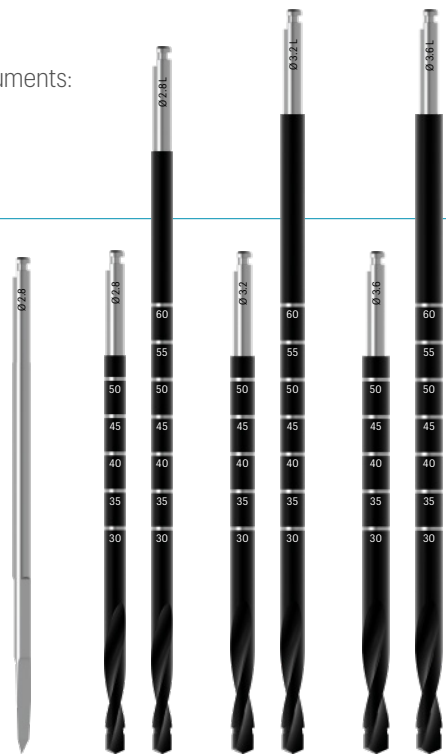


JDZygoma Kit Full
Code: ZSKITF

This kit has the same products as the JDZygoma Kit Extra, with the addition of the following instruments:

Drills for non guided protocol:

ZJDDRID50	Initial Drill L 50 JDZygoma
ZJDDR28	Drill Ø 2.8 JDZygoma
ZJDDR28L	Long Drill Ø 2.8 JDZygoma
ZJDDR32	Drill Ø 3.2 JDZygoma
ZJDDR32L	Long Drill Ø 3.2 JDZygoma
ZJDDR36	Drill Ø 3.6 JDZygoma
ZJDDR36L	Long Drill Ø 3.6 JDZygoma

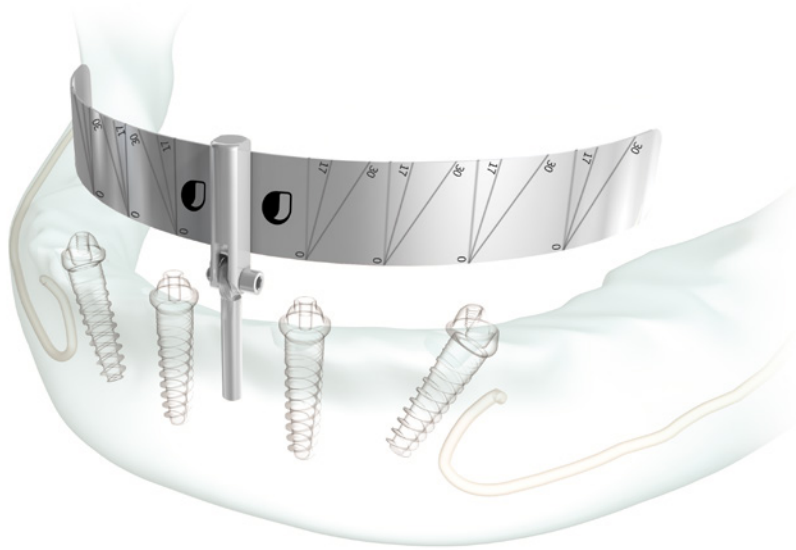


SURGICAL INSTRUMENTS

JDGuide	42
JDTorque	44
Bone Mills	45
Tissue Punch	45
Surgical Drivers	46
Direction Indicators	46
Aligning Instruments	47
Depth Probes	47
JDPterygo Retractor	48
JD P.A.G.A. Drill	48
JDNasal TranZ Drill	48
JDZygoArch Drill	49
Full Arch Tracers	49
JD Removal and Repair Tools	50
JDWeld	52

Product Code: JDG

The JDGuide is a device that ensures correct implant placement with the Full Arch on 4 technique: an easy, fast and accurate support to make implant placement increasingly safe for full arch rehabilitation. The guide consists of a titanium band that can be moulded to the shape of the arch. The lines on the guide allow to identify the correct inclination for implant insertion and prosthesis design to perform a more accurate osteotomy.



The Guide is a surgical guide that assists the dentist in the placement of four implants to support an immediately-loaded fixed full-arch implant prostheses.

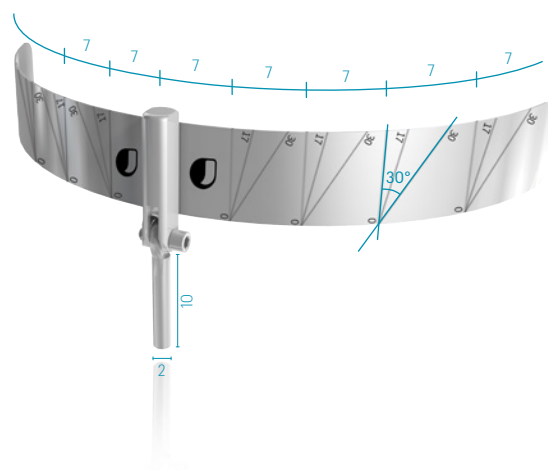
Today, thanks to the innovative techniques of modern implantology, only four dental implants are needed to rehabilitate an entire dental arch of edentulous patients or subjects with terminal dentition. In these cases, two implants are placed vertically in the anterior region and the other two implants are placed in the posterior region at a maximum inclination of 30°. In cases of severe atrophy of the maxilla or mandible, tilted implants are a viable alternative to bone grafting.

Edentulous patients or patients with a terminal dentition can be treated with a fixed prosthesis supported by only four implants, two placed vertically in the anterior region and two placed up to an angle of 30° in the posterior region.

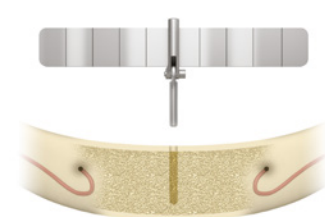
When used in the mandible tilting of posterior implant makes it possible to achieve good bone anchorage without interfering with mental foramina. In severely resorbed maxilla, tilted implants are an alternative to sinus floor augmentation.

The JDGuide is placed in a 2mm osteotomy that is made in the midline position of the maxilla or mandible.

The Guide also assists in retracting the tongue in mandibular cases. The lines on the Guide are used as a reference for placing parallel anterior implants and angled posterior implants, guiding the drill for proper insertion. The maximum inclination indicated on the guide for implant insertion is 30°.

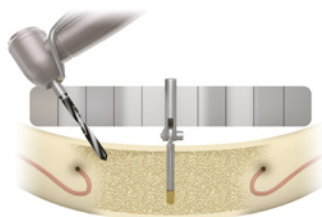


Clinical procedures for mandible



1. Insert the JDGuide

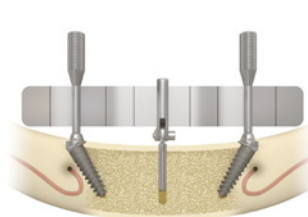
After making an incision for flap elevation drill to a depth of 10 mm using a Ø 2mm drill. Place the JDGuide in the osteotomy.



2. Prepare the posterior site

Drill to appropriate depth using a Ø 2mm drill tilted to a maximum angle of 30°.

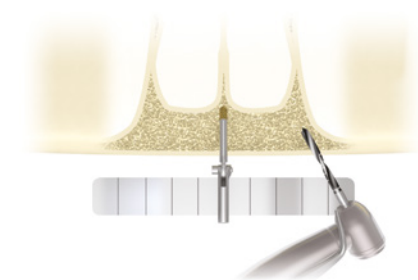
It is important to identify the mental foramen. The final position of the implant should be in front of the foramen, avoiding the nerve loop.



Note: If indicated, use the Bone Mill with Bone Mill Guide to remove bone that may obstruct correct seating of the abutment. Place 30° conical abutment. Perform the same procedure at the opposite posterior site.

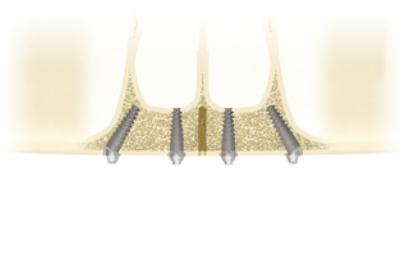
3. Prepare the anterior site
Drill to the appropriate depth with a Ø 2mm drill in the anterior region following the vertical lines of the JDGuide. Insert two parallel implants into the two anterior sites. If indicated, use the Bone Mill with Bone Mill Guide to remove bone that may obstruct correct seating of the abutment. Place straight conical abutment.

Clinical procedures for maxilla



To perform treatment in the maxilla, perform the same operations as indicated above for the preparation of implant sites in the mandible for both posterior and anterior areas.

Before starting treatment, it is important to first identify the anterior sinus wall.



For the posterior region preparation of the site, start the preparation in the furthest area, keeping approximately 4mm away from the sinus wall. For preparation of tilted sites in posterior and anterior regions, incline the drill as much as possible, never exceeding 30°, to minimise the overhang.

JDTORQUE

Product Code: JDTW

The device JDTorque is the manual torque wrench manufactured by JDentalCare, used to manually tighten and/or loosen JDentalCare implants, abutments, achieving a specific value of torque. It is able to measure the torque up to 80 Ncm. Design, functionality, practicality and low weight make this tool easy to use in daily practice.



Product features:

- Torque measurement from 15 to 80 Ncm
- Adaptable to all JDentalCare implants and prosthetic components by using the Prosthetic Adapter and the Surgical Adapter for JDTorque.
- It can be used both as a dynamometric and fixed key
- The device is reusable. It can be subjected to sterilization in autoclaves with temperatures up to 134°C without altering its characteristics. For a correct efficiency of surgical instruments, we recommend a maximum of 20-30 uses.
- No assembly is required saving time even during care and maintenance operations

Torque wrench and adapters:

JDTW	Torque Wrench JDTorque
JDTWA	Surgical Adapter for JDTorque
JDTWAP	Prosthetic Adapter for JDTorque



The Bone Mill is used when the implant is inserted few millimeters under the bone crest and therefore there is difficulty inserting the abutment. The aim of the bone mills is to remove the excess bone without uncover the implant that will stay totally in the bone.

Bone mills:

JDBMNNC	Bone Mill Ø 5.0 and Guide JDEvolution
JDBM6NC	Bone Mill Ø 6.0 and Guide JDEvolution
JDBMGNN	Bone Mill Guide JDEvolution
JDBMNNC:	Bone Mill Ø 5.0 and Guide JDEvolution Plus
JDBM6NC:	Bone Mill Ø 6.0 and Guide JDEvolution Plus
JDBMGNN:	Bone Mill Guide JDEvolution Plus
ESBM5C	Bone Mill Ø 5.0 and Guide JDEvolution S
ESBM6C	Bone Mill Ø 6.0 and Guide JDEvolution S
JDBM3	Bone Mill Guide JDEvolution S
ICBM5C.	Bone Mill Ø 5.0 and Guide JDIcon Plus
ICBM6C.	Bone Mill Ø 6.0 and Guide JDIcon Plus
ICBMG.	Bone Mill Guide JDIcon Plus



TISSUE PUNCH

The Tissue Punch is used to punch out the soft tissue in the osteotomy where the implants will be placed. It is intended to be used for the flapless technique.

Tissue punch

JDTP30	Tissue Punch Ø 3.0
JDTP35	Tissue Punch Ø 3.5
JDTP42	Tissue Punch Ø 4.2
JDTP50	Tissue Punch Ø 5.0
JDTPG30	Tissue Punch Guide Ø 3.0
JDTPG35	Tissue Punch Guide Ø 3.5
JDTPG42	Tissue Punch Guide Ø 4.2
JDTPG50	Tissue Punch Guide Ø 5.0

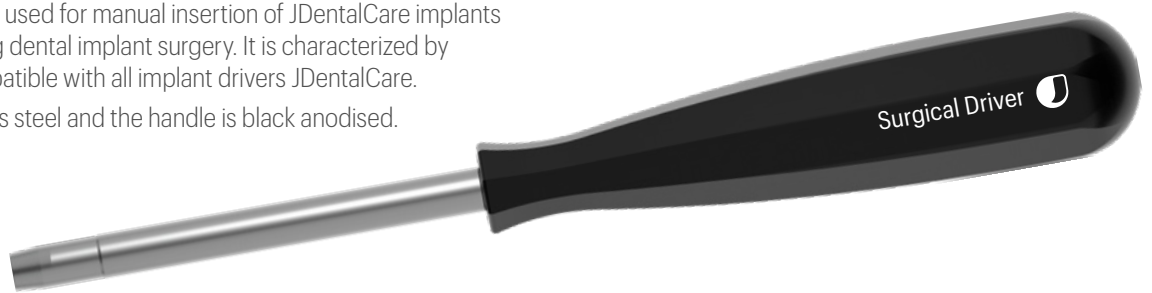


SURGICAL DRIVERS

Products Code: EVSUD - EVSUMAX

The EVSUD Surgical Driver is used for manual insertion of JDentalCare implants in the jaw or mandible during dental implant surgery. It is characterized by hexagonal connection compatible with all implant drivers JDentalCare.

The stem is made of stainless steel and the handle is black anodised.



The EVSUDMAX surgical driver max differs from the EVSUD surgical driver in handle design. The handle is larger and designed to allow easier use by the clinician when inserting zygomatic implants.



DIRECTION INDICATORS

It is possible to check the orientation or the depth of the implant site while drilling at any time using the direction indicator. An X-ray examination may be necessary to verify parallelism with other adjacent teeth or implants. They are useful in case it is also necessary to correct the direction of drilling.

Direction indicators:

JDDI	Direction Indicator
JDDIS	Direction Indicator Short
JDDI17	Direction Indicator 17°
JDDI30	Direction Indicator 30°
JDDI45	Direction Indicator 45°
JDOD32P	Direction Indicator for JDOD32
JDOD37P	Direction Indicator for JDOD37
JDOD43P	Direction Indicator for JDOD43
JDOD50P	Direction Indicator for JDOD50

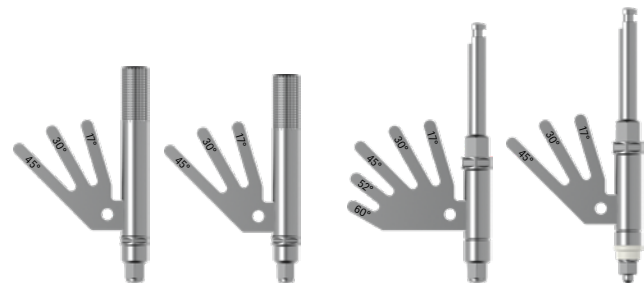


Reduce the time on choosing the required abutment:

- 1. Position the newly inserted implant instrument
- 2. Measure and choose the correct abutment with the right angulation (17°, 30°, 35°)

Conical abutments aligning instruments:

EVAMT	Conical Abutment Aligning Instrument JDEvolution
ESAMT	Conical Abutment Aligning Instrument JDEvolution S
JDID102	ZAPA Tool
JDID105	Conical Abutment Aligning Instrument JDIcon Plus



DEPTH PROBES

These JD Depth Probes are designed to help you checking the depth of the osteotomy, following you step by step. It helps you finding the correct implant length.

Depth probes:

JDNPR	26 mm Depth Probe JDNasal
JDSPR	Dental Implant Depth Probe
JDZPR	60mm Depth Probe JDZygoma



JDPTERYGO RETRACTOR

This gingival retractor is suitable for surgery with pterygoid implants. The device has 2 flat ends, pre-angled at 20 degrees, with 2 pointed metal appendages, that are designed to reach and stop at the base of the pyramidal process, allowing a precise and controlled lifting of the flap. The central laser line marked on the flat portions indicates the correct inclination of implant insertion and guides the dentist performing the osteotomy.

Retractor:

1005-14

JDPTerygo Retractor



JD P.A.G.A. DRILL

This drill, combined with the new 9 mm peek sleeve, must be used for guided surgery for trans-sinus pterygoid implant insertion anchoring the implant at the pyramidal process. Thanks to the PAGA concept it is possible to place precisely pterygoid trans-sinus implants avoiding zygomatic implants.

JD P.A.G.A. Drill:

JDGD120

JD P.A.G.A. Drill

JDBGPAGA

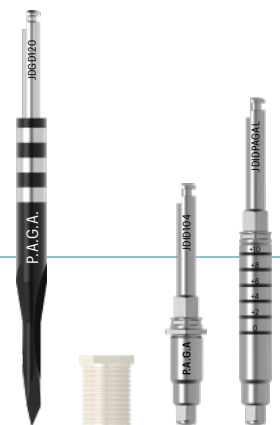
P.A.G.A. Sleeve

JDID104

P.A.G.A. Implant Driver

JDIDPAGAL

P.A.G.A. Implant Driver Long



JDNASAL TRANZ DRILL

JDNasal TranZ Drill is created to make an easier, faster and more predictable implant placement for JDNasal and JDIcon Plus LE implant surgery with protocol for nasal anchorage starting from the incisal area.

- Diamond coating allows to control, design and correct perfectly the osteotomy axis into the nasal cavity and crestally
- The diamond drill body geometry follows the profile of the JDNasal and JDIcon Plus LE implants. Thanks to this geometry it will be easy to create the space in the lateral nasal wall in order to avoid changes in direction of the implant during insertion
- The very sharp tip allows anchoring at the Z point in the nasal bone preventing slippage of the drill in the nasal cavity

Tranz Drill:

JDDIADR101

JDNasal TranZ Drill



JDZYGOARCH DRILL

JDZygoArch Drill is created to make the JDZygoma implant surgery with extra-sinus protocol.

- The lanceolate tip allows anchorage in the zygomatic bone.
- The diamond drill body has a geometry that follows the profile of the JDZygoma implant. With this geometry, it will be easy to create the insertion channel for the zygomatic implant in the lateral maxillary wall.
- The diamond coating allows perfect control and correction of the osteotomy axis during the surgery.

JDZygoArch Drill

JDZYADR	JDZygoArch Drill
JDZYADR L	JDZygoArch Drill Long

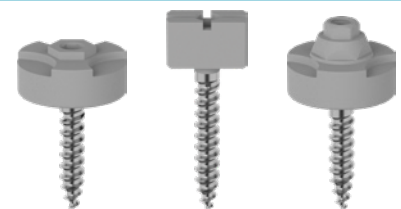


FULL ARCH TRACER

Full Arch Tracers are anatomical reference markers designed for the Full Arch Full Digital workflow. They provide a stable landmark for scanning and facilitate alignment between pre- and post-surgical acquisitions, enabling a more predictable integration of the steps between intraoral/extraoral scanning, photogrammetry, and CAD/CAM design.

Full Arch Tracer:

JDSCGIOSE	ScanBody Full Arch Tracer Hexagonal
JDSCGIOS	ScanBody Full Arch Tracer
JDSCGIOSR	ScanBody Rectangular Full Arch Tracer



JD REMOVAL AND REPAIR TOOLS

JD Removal and Repair Tools include implant removal tools, screw removal tools and internal thread repair tools.

The EVIRT is the JDentalCare tool developed to remove implants with internal and external connection.

The screw removal tools consists of EVCD, EVEX1 and EVEX2 and can be used to remove a broken screw from the implant with internal hex connection.



JD implant removal tool

The implant removal tool EVIRT can be used to remove implants in case of peri-implantitis or when the implant's connection is damaged and the ordinary implant driver cannot be used to extract it.

The EVIRT implant removal tool shall be used by placing the JDTorque in "out" position to start performing counter-clockwise rotations.

The EVIRT implant removal tool has an external hexagon that should be combined with the surgical adapter JDTWA.



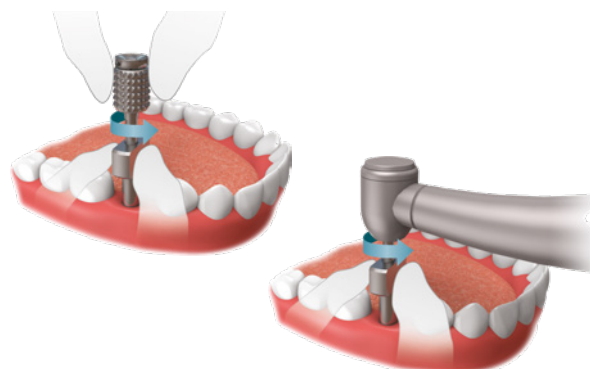
JD screw removal tools

The screw removal tools can be used to remove a broken screw from an implant with an internal hexagonal connection.

Such tools can be used when the prosthetic screw connecting the abutment to the fixture is damaged and cannot be removed with the prosthetic screwdriver.

It is possible to remove a broken screw from an implant if it has not been damaged during a previous removal attempt.

Insert the EVCD Centering device JDEvolution into the implant and try to engage the broken screw with the EVEX1 claw drill mounted on the JDTWAPM manual prosthetic adapter, exerting constant pressure and rotating counter-clockwise.



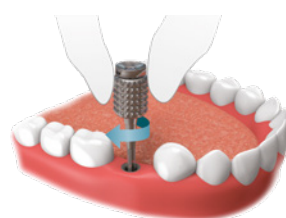
In case the broken screw is locked, place the EVEX1 Claw Drill into the handpiece. Set the handpiece rotation counter-clockwise without ever exceeding the maximum speed of 600 rpm and insist on the broken screw to flatten it. Remove the EVEX1 Claw drill from the handpiece and insert the EVEX2 Reverse cutting drill in its place. Set the rotation of the program counter-clockwise without ever exceeding the maximum speed of 600 rpm. During this operation proceed with plenty of water irrigation.

Place the EVEX2 Reverse cutting drill in the EVCD centering device, start the spindle rotation, hold it for no more than 3 seconds on the broken screw and release it. This will result in the progressive destruction of the broken vine. It is absolutely necessary that the EVCD centering device remains stationary in its position during the entire operation, as if the EVCD moves, the EVEX2 may be subject to breakage. Once the screw is destroyed, any fragment or residue can be removed from the cavity with air, water and/or suction.

JD internal thread repair tool

The EVTR Internal Thread Repair tool can be used to repair the internal thread of the system in case it is damaged. It can be used with JDEvolution implants.

The instrument must be mounted in the JDTWAPM manual prosthetic adapter and, after being inserted into the implant to be repaired, it is necessary to proceed with gentle movements rotating clockwise. This instrument is to be used only manually, therefore without recourse to handpiece or contra-angle.



Removal and repair tools:

EVIRT	Implant removal tool
EVCD	Centering device JDEvolution
EVEX1	Claw drill
EVEX2	Reverse cutting drill
EVTR	Internal thread repair tool JDEvolution



Product Code: JDW

JDWeld makes it possible to create a structure by making a series of welds joining the abutments to a titanium connecting bar, thus providing a stable structure for temporary or permanent restorations with immediate or delayed loading.



Features

- **Safety functions:** automatic detection of open or disconnected clamps, control of weld sequence, galvanic isolation from the mains.
- **Multi-language user menu**
- **Visual indicator and acoustic signal of welding:** steps and operations required to minimise fabric heating.
- **Minimum waiting time between consecutive welds.** Improvement of the success rate of implants inserted with low primary stability.
- **Wide power adjustment range and customisable settings**

The JDWeld works by performing resistance spot welding

The JDWeld makes it possible to create a framework from a series of welds which join abutments to a connecting titanium bar. The electric power is concentrated on the contact points between the titanium wire and the abutment, leading to the fusion of the titanium at that point in order to allow the formation of the weld in a very short time (in the order of milliseconds). When used at implant level, these frameworks support extremely reliable temporary restorations, and rigidly stabilize immediately loaded implants, resulting in a dramatic improvement in implant success rates. When used at abutment level, intra oral welding makes it possible to manufacture extremely high quality and durable prosthetics with enormous precision.

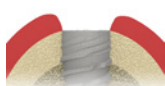
This quick and simple procedure is completely risk free for both surgeon and patient. There is absolutely no possibility of excessive heat and the procedure causes no discomfort of any sort to the patient.

After the intra oral welding, it is possible to make extremely precise abutment impression, thanks to the solid connections between abutments which give immediate stability and precision.

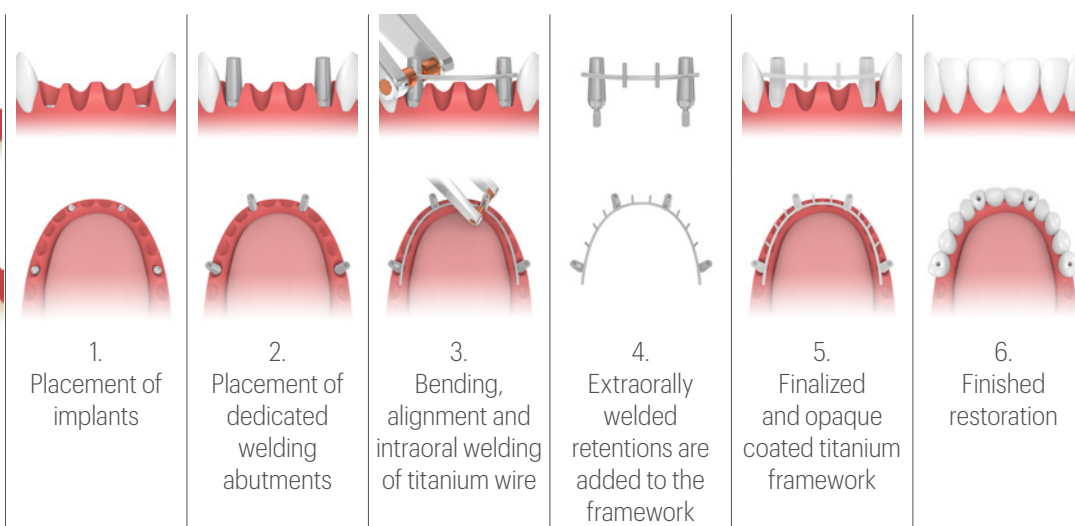
Compulsory guidelines

- Use only JDWeld unit and dedicated components and bars
- Inter-abutment distance: less than 8mm, use 1.5mm bar more than 8mm & less than 15mm, use 2mm bar
- Cantilever: less than 14mm from abutment centre, weld a double bar (2mm wire) + vertical spur
- Do not segment the main bar - use a single piece of wire
- Correct clamp positioning: tip base parallel to the bar
- During welding, completely release the clamp (do not open)

Temporary restorations on implant level



Temporary or durable restorations on abutment level



JDWeld and JDWeld Bars:

JDW	Intraoral Welding JD Weld
JDW12	JDWeld Bar Ø 1.2
JDW15	JDWeld Bar Ø 1.5
JDW20	JDWeld Bar Ø 2.0



GP Abutments:

EVGPA40NEC	GP Abutment Ø 4.0 Non Engaging JDEvolution
EVGPA50NEC	GP Abutment Ø 5.0 Non Engaging JDEvolution
EVGPA40NEC:	GP Abutment Non Engaging Ø 4.0 JDEvolution Plus
EVGPA50NEC:	GP Abutment Non Engaging Ø 5.0 JDEvolution Plus

Torque recommended 30 Ncm



Conical Abutments:

EVCATANEWC	Temporary Abutment Non Engaging Conical Abutment for Welding JDEvolution
EVCATANEWC:	Temporary Abutment Non Engaging Conical Abutment for Welding JDEvolution Plus
EVCATANEWSC	Temporary Abutment Non Engaging Conical Abutment Smooth for Welding JDEvolution
EVCATANEWSC:	Temporary Abutment Non Engaging Conical Abutment Smooth for Welding JDEvolution Plus
EVCAGPANEC	GP Abutment Non Engaging for Conical Abutment JDEvolution
EVCAGPANEC:	GP Abutment Non Engaging for Conical Abutment JDEvolution Plus

Torque recommended 30 Ncm



Torque recommended 15 Ncm



DRILLING PROTOCOLS

Non Guided Surgery	56
Guided Surgery	68

NON GUIDED SURGERY

JDEvolution, JDEvolution Plus

	HEALED BONE		POST EXTRACTIVE BONE		SHORT IMPLANTS L 6mm
IMPLANT DIAMETER	SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE	
site preparation in maxilla					
Ø 3,7	2,0 2,4 2,8 up to the 1 st laser mark L6mm	2,0 2,4 2,8 3,2 up to the 1 st laser mark L6mm	2,0 2,4 2,8 at the entrance	2,0 2,4 2,8 at the entrance	/
Ø 4,0	2,0 2,4 2,8 up to the 1 st laser mark L6mm	2,0 2,4 2,8 3,2 up to the 1 st laser mark L6mm	2,0 2,4 2,8 at the entrance	2,0 2,4 2,8 at the entrance	- Start the osteotomy with standard twist drill Ø 2.0mm and Ø 2.4mm - Complete with the Ø 4mm L 6mm drill code JDDICS4
Ø 4,3	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 up to the 1 st laser mark L6-8mm 3,6 at the entrance	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 at the entrance	- Start the osteotomy with standard twist drill Ø 2.0mm and Ø 2.4mm - Complete with the Ø 4mm L 6mm drill code JDDICS4
Ø 5,0	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm 4,0 at the entrance	2,0 2,4 2,8 3,2 3,6 at the entrance up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 at the entrance up to the 1 st laser mark L 6mm	- Start the osteotomy with standard twist drill Ø 2.0mm and Ø 2.4mm - Complete with the Ø 4mm L 6mm drill code JDDICS4D
Ø 6,0	2,0 2,4 2,8 3,2 3,6	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 4,0	2,0 2,4 2,8 3,2 3,6 4,0	/
site preparation in mandible					
Ø 3,7	2,0 2,4 2,8 3,2 up to the 2 nd laser mark L 8mm 3,6 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 at the entrance	/
Ø 4,0	2,0 2,4 2,8 3,2 up to the 2 nd laser mark L 8mm 3,6 up to the 1 st laser mark L 6mm 4,0 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm 4,0 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 up to the 1 st laser mark L 6mm 3,6 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 up to the 1 st laser mark L 6mm 3,6 up to the 1 st laser mark L 6mm	- Start the osteotomy with standard twist drill Ø 2.0mm and Ø 2.4mm - Complete with the Ø 4mm L 6mm drill code JDDICS4
Ø 4,3	2,0 2,4 2,8 3,2 3,6 up to the 2 nd laser mark L 8mm 4,0 up to the 2 nd laser mark L 8mm	2,0 2,4 2,8 3,2 3,6 4,0 up to the 2 nd laser mark L8mm 4,4 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 at the entrance	2,0 2,4 2,8 3,2 3,6 at the entrance	- Start the osteotomy with standard twist drill Ø 2.0mm, Ø 2,4mm and Ø 2,8mm. - Complete with the Ø 4mm L 6mm drill code JDDICS4D
Ø 5,0	2,0 2,4 2,8 3,2 3,6 4,0 4,4 up to the 2 nd laser mark L 8mm 4,8 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 at the entrance	- Start the osteotomy with standard twist drill Ø 2,0mm, Ø 2,4mm and Ø 2,8mm. - Complete with the Ø 5mm L 6mm drill code JDDICS5
Ø 6,0	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 up to the 1 st laser mark L 6mm 5,4 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 up to the 2 nd laser mark L 8mm 5,4 up to the 2 nd laser mark L 8mm	2,0 2,4 2,8 3,2 3,6 4,0 4,4	2,0 2,4 2,8 3,2 3,6 4,0 4,4	/

Note: All measurements in mm

Ø 4,0 JDEvolution Plus T Implants

IMPLANT DIAMETER	HEALED BONE		POST EXTRACTIVE BONE		SHORT IMPLANTS L 6mm
	SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE	
site preparation in maxilla					
Ø 4,0	2.0 2.4 2.8	2.0 2.4 2.8 3.2 up to the 2 nd laser mark L 8mm	2.0 2.4 2.8 up to the 2 nd laser mark L 8mm	2.0 2.4 2.8	- Start the osteotomy with standard twist drill Ø 2.0mm and Ø 2.4mm - Complete with the Ø 4mm L 6mm drill code JDDICS4
site preparation in mandible					
Ø 4,0	2.0 2.4 2.8 3.2 up to the 2 nd laser mark L 8mm 3.6 up to the 2 nd laser mark L 8mm	2.0 2.4 2.8 3.2 3.6 4.0 up to the 1 st laser mark L 6mm	2.0 2.4 2.8 3.2 up to the 2 nd laser mark L 8mm 3.6 up to the 2 nd laser mark L 8mm	2.0 2.4 2.8 3.2 3.6 up to the 2 nd laser mark L 8mm	- Start the osteotomy with standard twist drill Ø 2.0mm, Ø 2.4mm and Ø 2.8mm - Complete with the Ø 4mm L 6mm drill code JDDICS4D

JDEvolution S

IMPLANT DIAMETER	SOFT BONE TYPE IV	MEDIUM BONE TYPE II-III	DENSE BONE TYPE I
Ø 3,2	1,5 (2)	2 2,4	2 2,4 (2,8)

NON GUIDED SURGERY

JDNeX

IMPLANT DIAMETER	SOFT BONE	MEDIUM-DENSE BONE	DENSE BONE
Ø 3,5	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 +	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 + Countersink Ø 3.5
Ø 3,75	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 Ø 3.75 optional	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 Ø 3.75 +	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 Ø 3.75 + Countersink Ø 3.75
Ø 4,0	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 Ø 3.75 Ø 4.0 optional	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 Ø 3.75 Ø 4.0 +	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 Ø 3.75 Ø 4.0 + Countersink Ø 4.0
Ø 4,3	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 Ø 3.75 Ø 4.0 Ø 4.3 optional	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 Ø 3.75 Ø 4.0 Ø 4.3 +	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 Ø 3.75 Ø 4.0 Ø 4.3 + Countersink Ø 4.3
Ø 5,0	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 Ø 3.75 Ø 4.0 Ø 4.3 Ø 5.0 optional	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 Ø 3.75 Ø 4.0 Ø 4.3 Ø 5.0 +	Ø 1.5 initial drill Ø 2.0 initial drill Ø 3.5 Ø 3.75 Ø 4.0 Ø 4.3 Ø 5.0+ Countersink Ø 5.0

JDIcon

	HEALED BONE		POST EXTRACTIVE BONE		SHORT IMPLANTS L 6mm
IMPLANT DIAMETER	SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE	
Site preparation in maxilla					
Ø 3,9	2,0 2,4 2,8 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 at the entrance	2,0 2,4 2,8 at the entrance	/
Ø 4,3	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 up to the 1 st laser mark L 6-8mm 3,6 at the entrance	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 at the entrance	- Start the osteotomy with standard twist drill Ø 2.0mm and Ø 2.4mm - Complete with the Ø 4mm L 6mm drill code JDDICS4
Ø 5,0	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm 4,0 at the entrance	2,0 2,4 2,8 3,2 3,6 at the entrance up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 at the entrance up to the 1 st laser mark L 6mm	- Start the osteotomy with standard twist drill Ø 2.0mm and Ø 2.4mm - Complete with the Ø 4mm L 6mm drill code JDDICS4D
Site preparation in mandible					
Ø 3,9	2,0 2,4 2,8 3,2 up to the 2 nd laser mark L 8mm 3,6 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 at the entrance	/
Ø 4,3	2,0 2,4 2,8 3,2 3,6 up to the 2 nd laser mark L 8mm 4,0 up to the 2 nd laser mark L 8mm	2,0 2,4 2,8 3,2 3,6 4,0 up to the 2 nd laser mark L 8mm 4,4 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 at the entrance	2,0 2,4 2,8 3,2 3,6 at the entrance	- Start the osteotomy with standard twist drill Ø 2.0mm, Ø 2.4mm and Ø 2,8mm. - Complete with the Ø 4mm L 6mm drill code JDDICS4D
Ø 5,0	2,0 2,4 2,8 3,2 3,6 4,0 4,4 up to the 2 nd laser mark L 8mm 4,8 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 at the entrance	- Start the osteotomy with standard twist drill Ø 2.0mm, Ø 2.4mm and Ø 2,8mm. - Complete with the Ø 5mm L 6mm drill code JDDICS5

JDIcon Plus

	HEALED BONE		POST EXTRACTIVE BONE		SHORT IMPLANTS L 6mm
IMPLANT DIAMETER	SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE	
Site preparation in maxilla					
Ø 3,7	2,0 2,4 2,8 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 at the entrance	2,0 2,4 2,8 at the entrance	/
Ø 4,3	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 up to the 1 st laser mark L 6-8mm 3,6 at the entrance	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 at the entrance	Use the Ø 4mm L6 JDIcon Plus+ drill JDDICS4
Ø 5,0	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm 4,0 at the entrance	2,0 2,4 2,8 3,2 3,6 at the entrance up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 at the entrance up to the 1 st laser mark L 6mm	Use the Ø 4mm L6 JDIcon Plus+ drill JDDICS4D
Site preparation in mandible					
Ø 3,7	2,0 2,4 2,8 3,2 at the entrance 3,6 at the entrance up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 at the entrance	/
Ø 4,3	2,0 2,4 2,8 3,2 3,6 at the entrance 4,0 at the entrance up to the 2 nd laser mark L 8mm	2,0 2,4 2,8 3,2 3,6 4,0 up to the 2 nd laser mark L 8mm 4,4 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 at the entrance	2,0 2,4 2,8 3,2 3,6 at the entrance	- Start the osteotomy with standard twist drill Ø 2,0mm, Ø 2,4mm and Ø 2,8mm. - Complete with the Ø 4mm L6 JDIcon Plus+ drill JDDICS4D
Ø 5,0	2,0 2,4 2,8 3,2 3,6 4,0 4,4 at the entrance 4,8 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 at the entrance	- Start the osteotomy with standard twist drill Ø 2,0mm, Ø 2,4mm and Ø 2,8mm. - Complete with the Ø 5mm L 6 JDIcon Plus+ drill JDDICS5

JDIcon Ultra S

IMPLANT DIAMETER	SOFT BONE TYPE IV	MEDIUM BONE TYPE II-III	DENSE BONE TYPE I
Ø 2,75	1,5 2,0	2,0 2,4	2,0 2,4 2,8*

Note: All measurements in mm

NON GUIDED SURGERY

JDIcon Plus T

	HEALED BONE		POST EXTRACTIVE BONE	
IMPLANT DIAMETER	SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE
site preparation in maxilla				
Ø 3,5	2,0 2,4 2,8 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 at the entrance	2,0 2,4 2,8 3,2 up to the 1 st laser mark L 6mm
Ø 4,0	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 up to the 1 st laser mark L 6-8mm 3,6 at the entrance	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 at the entrance
Ø 4,5	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm 4,0 at the entrance	2,0 2,4 2,8 3,2 3,6 at the entrance	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm
Ø 5,0	2,0 2,4 2,8 3,2 3,6 4,0 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 up to the 1 st laser mark L 6mm 4,4 at the entrance 4,8 at the entrance	2,0 2,4 2,8 3,2 3,6 at the entrance	2,0 2,4 2,8 3,2 3,6 up to the 1 st laser mark L 6mm 4,0 at the entrance
Ø 6,0	2,0 2,4 2,8 3,2 3,6 4,0 4,4 up to the 1 st laser mark L 6mm 4,8 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 4,0 4,4 up to the 1 st laser mark L 6mm 4,8 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 4,0 4,4 up to the 1 st laser mark L 6mm 4,8 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 up to the 1 st laser mark L 6mm 4,4 at the entrance 4,8 at the entrance
site preparation in mandible				
Ø 3,5	2,0 2,4 2,8 3,2 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 up to the 2 nd laser mark L 8mm 3,6 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 up to the 2 nd laser mark L 8mm
Ø 4,0	2,0 2,4 2,8 3,2 3,6 up to the 2 nd laser mark L 8mm	2,0 2,4 2,8 3,2 3,6 4,0 up to the 2 nd laser mark L 8mm 4,4 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 at the entrance	2,0 2,4 2,8 3,2 3,6 at the entrance
Ø 4,5	2,0 2,4 2,8 3,2 3,6 at the entrance 4,0 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 at the entrance	2,0 2,4 2,8 3,2 3,6 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 at the entrance
Ø 5,0	2,0 2,4 2,8 3,2 3,6 at the entrance 4,0 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 at the entrance	2,0 2,4 2,8 3,2 3,6 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 at the entrance
Ø 6,0	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 up to the 1 st laser mark L 6mm 5,4 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 5,4 up to the 2 nd laser mark L 8mm	2,0 2,4 2,8 3,2 3,6 4,0 at the entrance 4,4 at the entrance 4,8 at the entrance	2,0 2,4 2,8 3,2 3,6 4,0 up to the 1 st laser mark L 6mm 4,4 up to the 1 st laser mark L 6mm 4,8 up to the 1 st laser mark L 6mm

Note: All measurements in mm

JDIcon Plus T - Ø 7.0 mm / Ø 8.0 mm

IMPLANT DIAMETER	SOFT BONE	MEDIUM-DENSE BONE
Ø 7,0	2,0	2,0
	2,4	2,4
	2,8	2,8
	3,2	3,2
	3,6	3,6
	4,0	4,0
	4,4	4,4
	4,8 up to the 1st laser mark L 6mm	4,8 up to the 1st laser mark L 6mm
Ø 8,0	2,0	2,0
	2,4	2,4
	2,8	2,8
	3,2	3,2
	3,6	3,6
	4,0	4,0
	4,4	4,4
	4,8 up to the 1st laser mark L 6mm	4,8 up to the 1st laser mark L 6mm
	5,4 up to the 1st laser mark L 6mm	5,4 up to the 1st laser mark L 6mm

JDOcta

IMPLANT DIAMETER	SOFT BONE TYPE IV	MEDIUM BONE TYPE II-III	DENSE BONE TYPE I
Ø 3,7	2,0	2,0	2,0
	2,4	2,4	2,4
		2,8	2,8
			3,2 (3,6)
Ø 4,3	2,0	2,0	2,0
	2,4	2,4	2,4
	2,8	2,8	2,8
		3,2 (3,6)	3,2 3,6 (4,0)
Ø 5,0	2,0	2,0	2,0
	2,4	2,4	2,4
	2,8	2,8	2,8
	3,2	3,2 3,6 (4,0)	3,2 3,6 4,0 (4,4)

NON GUIDED SURGERY

JDNow

HEALED BONE				
IMPLANT DIAMETER	SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE
site preparation in maxilla			site preparation in mandible	
Ø 3,0	2,0	2,0	2,0	2,0 2,4
Ø 3,5	2,0 2,4	2,0 2,4 (2,8)	2,0 2,4 (2,8)	2,0 2,4 2,8
Ø 4,2	2,0 2,4 2,8	2,0 2,4 2,8 3,2	2,0 2,4 2,8 3,2	2,0 2,4 2,8 3,2 (3,6)
Ø 5,0	2,0 2,4 2,8 3,2	2,0 2,4 2,8 3,2 3,6	2,0 2,4 2,8 3,2 3,6	2,0 2,4 2,8 3,2 3,6 4,0
Ø 6,0	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 up to the 1 st laser mark L 6mm 5,4 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 up to the 1 st laser mark L 6mm 5,4 up to the 1 st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 4,0 4,4 4,8 up to the 2 nd laser mark L 8mm 5,4 up to the 2 nd laser mark L 8mm

JD Bone Track

Follow the BoneTrack Method: a new approach that will simplify your daily clinical practice. Insert the non-cutting tip of the JD BoneTrack Drill into the underprepared osteotomy and push the drill palatally in order to create a track on the palatal bone. In this way, the correct space for the implant body will be created.

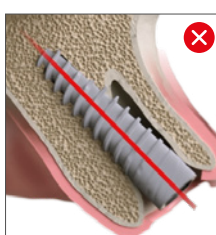
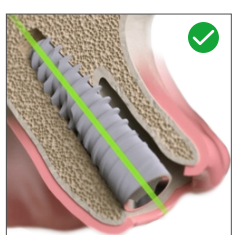
IMPLANT DIAMETER	PREPARATION IN MAXILLA	PREPARATION IN MANDIBLE
Ø 3,2	1,5 2,0 2,4 JD BoneTrack Drill 3.2	1,5 2,0 2,4 2,8 JD BoneTrack Drill 3.2
Ø 3,7	1,5 2,0 2,4 JD BoneTrack Drill 3.7	1,5 2,0 2,4 2,8 JD BoneTrack Drill 3.7
Ø 4,3	1,5 2,0 2,4 2,8 JD BoneTrack Drill 4.3	1,5 2,0 2,4 2,8 3,2 JD BoneTrack Drill 4.3
Ø 5,0	1,5 2,0 2,4 2,8 3,2 JD BoneTrack Drill 5.0	1,5 2,0 2,4 2,8 3,2 3,6 JD BoneTrack Drill 5.0



1. Identify the anatomy of the socket and start drilling towards the palatal bone.
N.B.: The last standard drill diameter to be used for under-prepare the osteotomy always corresponds to the implant tip diameter to be inserted.



2. Insert the non-cutting tip of the JD BoneTrack Drill into the osteotomy and push the drill palatally in order to create a track on the palatal bone.



3. Insert the implant leaving the correct vestibular gap

Note: All measurements in mm

JD Onedrill

The maximum rotation speed indicated is 1200 rpm and cooling is obtained by copious irrigation with physiological solution. The drills of the JD Onedrill Kit cut efficiently; reducing the downward force will allow the drill to cut without detectable chatter.

Do not pump the shaping drills as you might do with a twist drill when creating the osteotomy as it may distort the dimensions of the osteotomy. The shaping drill should be advanced once to full depth, then removed without any pumping action.

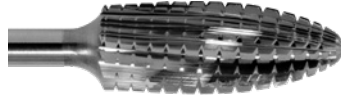
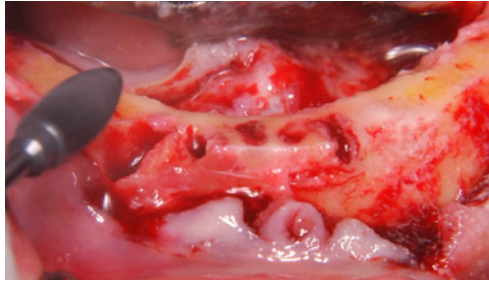
IMPLANT DIAMETER	SOFT BONE	DENSE BONE
Ø 3,2	initial drill 3,2	initial drill 3,2 3,7 until the first laser mark
Ø 3,7	initial drill 3,2 3,7 (optional)	initial drill 3,2 3,7 4,3 until the first laser mark
Ø 4,3	initial drill 3,2 3,7 4,3 (optional)	initial drill 3,2 3,7 4,3 5,0 until the first laser mark
Ø 5,0	initial drill 3,2 3,7 4,3 5,0 (optional)	initial drill 3,2 3,7 4,3 5,0

Important: When placing a JDEvolution implant in the bone (Type IV) the surgeon should consider undersizing the osteotomy. The final drill diameter should be limited to the one immediately smaller than the diameter that should have been used. When placing a JDEvolution implant in hard bone (Type I) do not underprepare the osteotomy site. The surgeon should consider to use as final drill diameter the one immediately bigger than the diameter that should have been used, stopping at the first laser mark. This will create an osteotomy of proper dimension in the dense cortical bone without any underpreparation.

NON GUIDED SURGERY

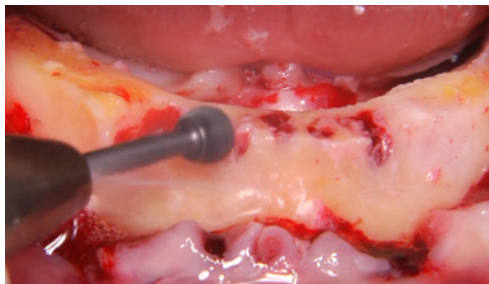
Full Arch Kit

The Full Arch kit is used following a specific sequence. Each drill has a defined role and prepares the part to be treated for the next stage, allowing the doctor to obtain a uniform, correctly shaped and well-finished bone surface. For all the steps described below, the maximum speed for the instruments is 2000 rpm.



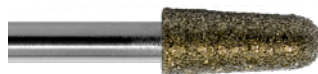
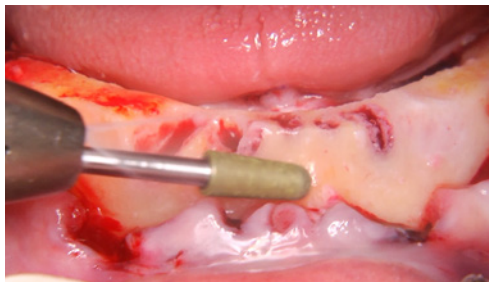
1. Bone level determination and flattening

BONE LEVELING DRILL: The bone levelling drill is used first to determine the desired bone level. It allows the bone to be flattened in a controlled manner until a uniform bone surface is achieved, bringing the height of the anterior and posterior bone to the same level.



2. Removal of residual tissues

BONE SPHERICAL DRILL: Once the bone plane has been defined, the bone spherical drill is used to remove coarse periosteal residues and residual granulation tissue from the bone surface. With this drill, the periosteum is quickly detached from the bone, leaving a clean and well-prepared surface.



3. Rounding of bone contours

BONE DIAMOND CONICAL DRILL: The Bone diamond conical drill is used to round the vestibular and lingual or palatal bone surfaces. This step eliminates sharp edges and irregularities created during the flattening phase, improving bone contour continuity.

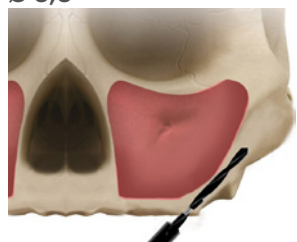


4. Final smoothing

BONE DIAMOND SPHERICAL DRILL: The final step involves the use of the diamond round drill for bone smoothing. This drill is used to perform the final rounding and obtain a smooth, uniform bone surface that can promote biological healing.

Pterygomaxillary surgical protocol

Ø 3,3

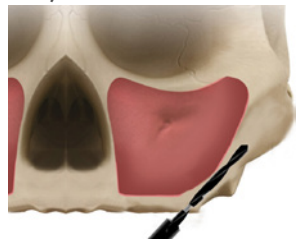


1. Start the osteotomy using JD Pterygo drill Ø 2.0mm at the same implant length to be inserted



2. Complete the osteotomy with JD Pterygo drill Ø 2.8mm at the entrance for 6mm

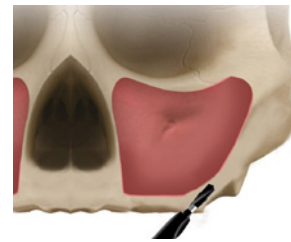
Ø 4,0



1. Start the osteotomy using JD Pterygo drill Ø 2.0mm at the same implant length to be inserted.

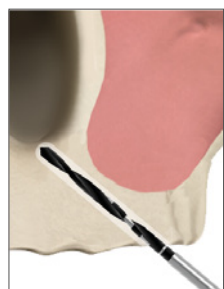


2. Continue using JD Pterygo drill Ø 2.4mm at the same implant length to be inserted.



3. Complete the osteotomy with JD Pterygo drill Ø 3.2mm at the entrance for 6mm.

Nasal anchorage site preparation



1 - JDDR20L



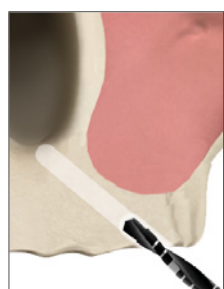
2 - JDNPR



3 - JDDR24L



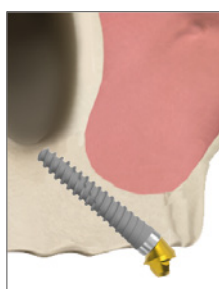
4 - JDDR28



5 - JDDR32



6 - JDDR36



7 - implant

1. Initiate the site preparation with the longer Ø 2.0mm JDNasal drill through the crestal bone and reach the cortical bone of the nose.
2. Use the 26mm depth probe to verify the depth of the site, in order to support the clinician in the choice of the implant with the appropriate length.
3. Drill to final depth with the longer Ø 2.4mm JDNasal drill.
4. Continue the osteotomy with standard twist drill Ø 2.8mm at the entrance for 6mm.
5. Continue the osteotomy with standard twist drill Ø 3.2mm at the entrance for 6mm.
6. Complete the osteotomy with standard twist drill Ø 3.6mm at the entrance for 6mm.
7. Place the implant till to reach the final position. The implant shall be inserted with an insertion torque between 25 Ncm and 80 Ncm.

instruments used:



Note: All measurements in mm

NON GUIDED SURGERY

Trans-sinus site preparation

1. Open a window in the lateral sinus wall and gently reflect the Schneiderian membrane without perforating it. Initiate the preparation of the implant site with standard twist drill Ø 2.0mm in order to reach and perforate the floor of the maxillary sinus. Keep the drill with a right inclination towards the canine pillar.
2. Continue with standard twist drill Ø 2.4mm till to reach and perforate the floor of the maxillary sinus.
3. Continue with standard twist drill Ø 2.8mm till to reach and perforate the floor of the maxillary sinus.
4. Continue with standard twist drill Ø 3.2mm till to reach and perforate the floor of the maxillary sinus.
5. Insert the Initial drill JDNasal into the canal created into the bone before. Drill through the alveolar process, into and across the sinus, engaging the nasal bone in correspondence with the canine pillar.
6. Use the 26mm depth probe to verify the depth of the site, in order to support the clinician in the choice of the implant with the appropriate length.
7. Use the longer Ø 2.4mm JDNasal drill to drill like the previous one through the alveolar process, into and across the sinus, engaging the nasal bone until the final depth in correspondence with the canine pillar.
- 8A. Complete the osteotomy with standard twist drill Ø 3.6mm in the alveolar process.
- 8B. In case of implants of lengths of 28-30mm, instead to follow points 5-6-7, use JDNasal TranZ Drill through the alveolar process, within and across the maxillary sinus, engaging the nasal bone at the canine pillar.
- 9A. Place the implant and reach the final position without adding bone graft. The implant shall be inserted with an insertion torque between 25 Ncm and 80 Ncm.
- 9B. Optional: place the implant, reach the final position and insert bone graft into the sinus. The implant shall be inserted with an insertion torque between 25 Ncm and 80 Ncm.



1 - JDDR20



2 - JDDR24



3 - JDDR28



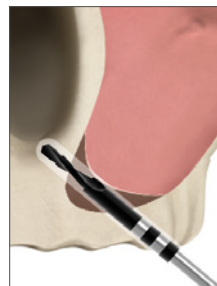
4 - JDDR32



5 - JDNAL



6 - JDNPR



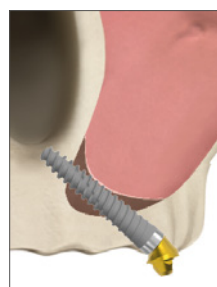
7 - JDDRNA24



8 - JDDR36



8B - JDDIADR101



9A - implant



9B - implant + bone graft

instruments used:



Note: All measurements in mm

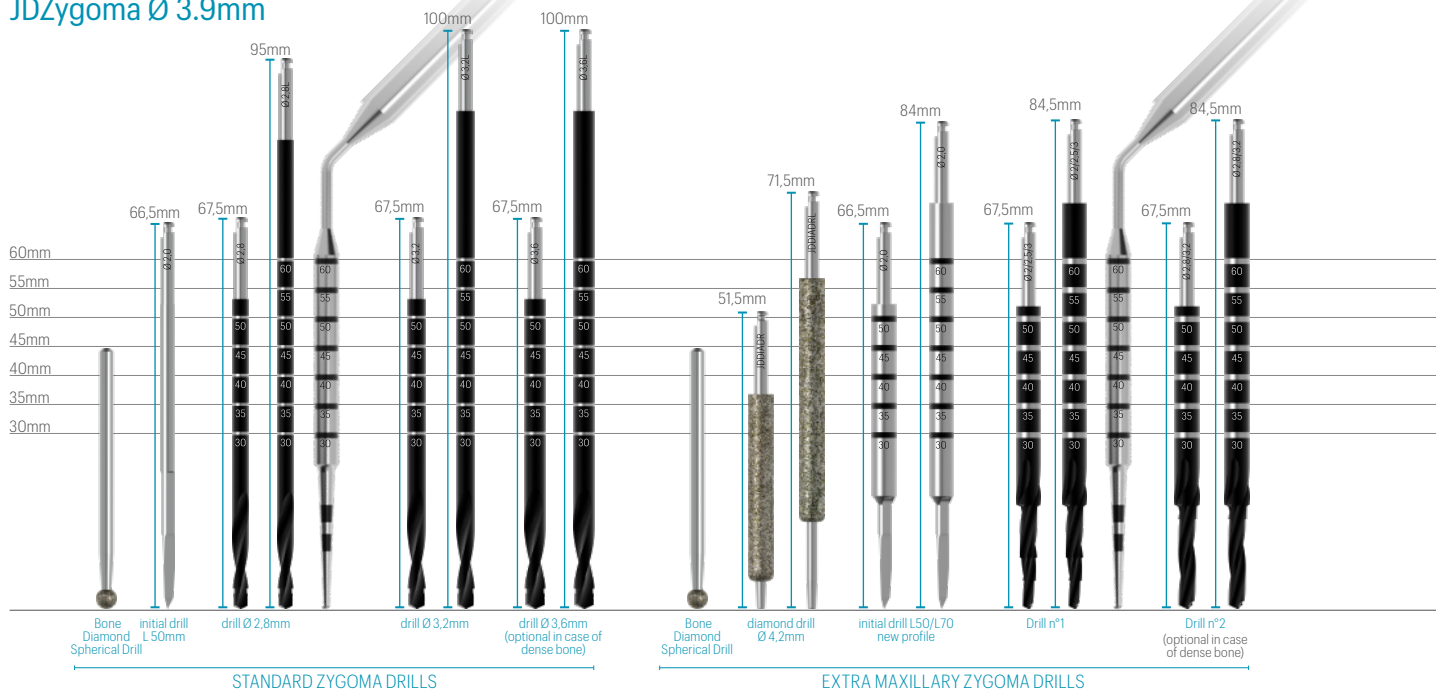
JDZygoma

There are two procedure to use the JDZygoma Drills:

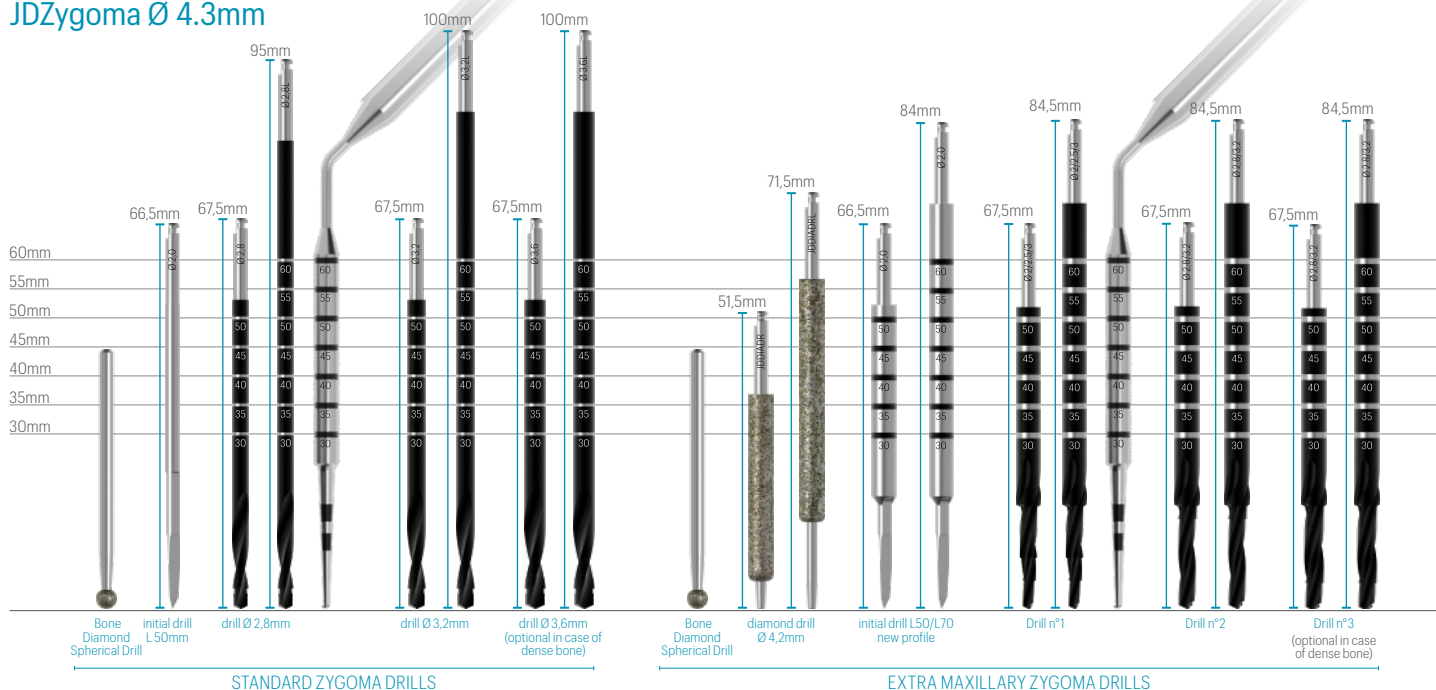
- The first one is the **Standard Procedure**, workable with ZSKITF full kit
- The second one is the **Extra Maxillary Procedure**, workable with drill with fixed diameter “3 Flutes” present in both the kit

The peculiarity of these drills lies in the size of the diameter of the non-working course, which remains identical from the diamond drills to the drills n°3. This is because once created the recess by the diamond cutter, this will be a support for the insertion of the subsequent drill, which will adhere perfectly to the channel to be perfectly guided on the axis.

JDZygoma Ø 3.9mm



JDZygoma Ø 4.3mm



Note: All measurements in mm

GUIDED SURGERY

The following drilling protocols are suggested to be used for the insertion of JDentalCare dental implants in case of Guided Surgery technique, using the original instruments and surgical guides manufactured by JDentalCare. It is recommended to adhere to the indications of the following drilling sequence to ensure optimal primary stability of the implant

JDEvolution, JDEvolution Plus, JDIcon, JDIcon Plus, JDIcon Plus T, JDOcta

IMPLANT DIAMETER	IMPLANT LENGTH	Site preparation in maxilla		Site preparation in mandible	
		SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE
Ø 3,7 / 3,9	L6	/	/	/	/
	L8	2,4 L6 - L8 2,8 L6 3,2 L6	2,4 L6 - L8 2,8 L6 3,2 L6	2,4 L6 - L8 2,8 L6 - L8 3,2 L6 3,6 L6	2,4 L6 - L8 2,8 L6 - L8 3,2 L6 - L8 3,6 L6
	L10	2,4 L6 - L8 - L10 2,8 L6 3,2 L6	2,4 L6 - L8 - L10 2,8 L6 - L8 3,2 L6	2,4 L6 - L8 - L10 2,8 L6 - L8 - L10 3,2 L6 3,6 L6	2,4 L6 - L8 - L10 2,8 L6 - L8 - L10 3,2 L6 - L8 - L10 3,6 L6
	L11,5	2,4 L6 - L8 - L10 - L11,5 2,8 L6 3,2 L6	2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8 - L10 3,2 L6 3,6 L6	2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8 - L10 - L11,5 3,2 L6 3,6 L6	2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8 - L10 - L11,5 3,2 L6 - L8 - L10 - L11,5 3,6 L6
	L13	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 3,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 - L10 3,2 L6 - L8 3,6 L6	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 - L10 - L11,5 - L13 3,2 L6 3,6 L6	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 - L10 - L11,5 - L13 3,2 L6 - L8 - L10 - L11,5 - L13 3,6 L6
	L15	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 - L10 3,2 L6 - L8	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 - L10 - L11,5 3,2 L6 - L8 - L10 3,6 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 3,6 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 - L11,5 - L13 - L15 3,6 L6
	L18	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 2,8 L6 - L8 - L10 - L11,5 - L13 3,2 L6 - L8 - L10	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 2,8 L6 - L8 - L10 - L11,5 - L13 3,2 L6 - L8 - L10 - L11,5 3,6 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 3,6 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 - L11,5 - L13 - L15 3,6 L6
Ø 4,0 / 4,3	L6	2,4 L6 2,8 L6 3,2 L6	2,4 L6 2,8 L6 3,2 L6 3,6 L6	2,4 L6 2,8 L6 3,2 L6 3,6 L6	2,4 L6 2,8 L6 3,2 L6 3,6 L6 4,2 L6
	L8	2,4 L6 - L8 2,8 L6 - L8 3,2 L6 3,6 L6	2,4 L6 - L8 2,8 L6 - L8 3,2 L6 3,6 L6	2,4 L6 - L8 2,8 L6 - L8 3,2 L6 3,6 L6	2,4 L6 - L8 2,8 L6 - L8 3,2 L6 - L8 3,6 L6 - L8 4,2 L6
	L10	2,4 L6 - L8 - L10 2,8 L6 - L8 - L10 3,2 L6 3,6 L6	2,4 L6 - L8 - L10 2,8 L6 - L8 - L10 3,2 L6 - L8 3,6 L6	2,4 L6 - L8 - L10 2,8 L6 - L8 - L10 3,2 L6 - L8 3,6 L6	2,4 L6 - L8 - L10 2,8 L6 - L8 - L10 3,2 L6 - L8 - L10 3,6 L6 - L8 - L10 4,2 L6
	L11,5	2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8 - L10 - L11,5 3,2 L6 3,6 L6	2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8 - L10 - L11,5 3,2 L6 - L8 3,6 L6	2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8 - L10 - L11,5 3,2 L6 - L8 3,6 L6	2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8 - L10 - L11,5 3,2 L6 - L8 - L10 - L11,5 3,6 L6 - L8 - L10 - L11,5 4,2 L6
	L13	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 - L10 - L11,5 - L13 3,2 L6 - L8 3,6 L6	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 - L10 - L11,5 - L13 3,2 L6 - L8 3,6 L6 4,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 - L10 - L11,5 - L13 3,2 L6 - L8 - L10 3,6 L6	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 - L10 - L11,5 - L13 3,2 L6 - L8 - L10 - L11,5 - L13 3,6 L6 - L8 - L10 - L11,5 - L13 4,2 L6
	L15	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 3,6 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 3,6 L6 4,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 3,6 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 - L11,5 - L13 - L15 3,6 L6 - L8 - L10 - L11,5 - L13 - L15 4,2 L6
	L18	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 3,6 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 - L11,5 3,6 L6 4,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 - L11,5 3,6 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 - L11,5 - L13 - L15 3,6 L6 - L8 - L10 - L11,5 - L13 - L15 4,2 L6

Note: All measurements in mm

JDEvolution, JDEvolution Plus, JDIcon, JDIcon Plus, JDIcon Plus T, JDOcta

IMPLANT DIAMETER	IMPLANT LENGTH	Site preparation in maxilla		Site preparation in mandible	
		SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE
Ø5,0	L6	2,4 L6 2,8 L6 3,2 L6 3,6 L6 4,2 L6	2,4 L6 2,8 L6 3,2 L6 3,6 L6 4,2 L6	2,4 L6 2,8 L6 3,2 L6 3,6 L6 4,2 L6	/
	L8	2,4 L6 - L8 2,8 L6 - L8 3,2 L6 - L8 3,6 L6 4,2 L6	2,4 L6 - L8 2,8 L6 - L8 3,2 L6 - L8 3,6 L6 4,2 L6	2,4 L6 - L8 2,8 L6 - L8 3,2 L6 - L8 3,6 L6 - L8 4,2 L6	/
	L10	2,4 L6 - L8 - L10 2,8 L6 - L8 - L10 3,2 L6 - L8 - L10 3,6 L6 4,2 L6	2,4 L6 - L8 - L10 2,8 L6 - L8 - L10 3,2 L6 - L8 - L10 3,6 L6 - L8 4,2 L6	2,4 L6 - L8 - L10 2,8 L6 - L8 - L10 3,2 L6 - L8 - L10 3,6 L6 4,2 L6	/
	L11,5	2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8 - L10 - L11,5 3,2 L6 - L8 - L10 - L11,5 3,6 L6 4,2 L6	2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8 - L10 - L11,5 3,2 L6 - L8 - L10 - L11,5 3,6 L6 - L8 - L10 4,2 L6	2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8 - L10 - L11,5 3,2 L6 - L8 - L10 - L11,5 3,6 L6 - L8 4,2 L6	/
	L13	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 - L10 - L11,5 - L13 3,2 L6 - L8 - L10 - L11,5 - L13 3,6 L6 - L8 4,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 - L10 - L11,5 - L13 3,2 L6 - L8 - L10 - L11,5 - L13 3,6 L6 - L8 - L10 4,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 - L10 - L11,5 - L13 3,2 L6 - L8 - L10 - L11,5 - L13 3,6 L6 - L8 - L10 4,2 L6	/
	L15	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 - L11,5 - L13 - L15 3,6 L6 - L8 - L10 4,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 - L11,5 - L13 - L15 3,6 L6 - L8 - L10 4,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 - L11,5 - L13 - L15 3,6 L6 - L8 - L10 4,2 L6	/
	L18	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 - L11,5 - L13 - L15 3,6 L6 - L8 - L10 4,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 - L11,5 - L13 - L15 3,6 L6 - L8 - L10 - L11,5 4,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6 - L8 - L10 - L11,5 - L13 - L15 3,6 L6 - L8 - L10 - L11,5 4,2 L6	/

JDIcon Ultra S

IMPLANT DIAMETER	IMPLANT LENGTH	SOFT BONE TYPE IV	MEDIUM BONE TYPE II-III	DENSE BONE TYPE I
Ø2,75	L6	/	/	/
	L8	2,0 L6 - L8	2,0 L6 - L8 2,4 L6 - L8	2,0 L6 - L8 2,4 L6 - L8 2,8 L6
	L10	2,0 L6 - L8 - L10	2,0 L6 - L8 - L10 2,4 L6 - L8 - L10	2,0 L6 - L8 - L10 2,4 L6 - L8 - L10 2,8 L6
	L11,5	2,0 L6 - L8 - L10 - L11,5	2,0 L6 - L8 - L10 - L11,5 2,4 L6 - L8 - L10 - L11,5	2,0 L6 - L8 - L10 - L11,5 2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8
	L13	2,0 L6 - L8 - L10 - L11,5 - L13	2,0 L6 - L8 - L10 - L11,5 - L13 2,4 L6 - L8 - L10 - L11,5 - L13	2,0 L6 - L8 - L10 - L11,5 - L13 2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8

Note: All measurements in mm

GUIDED SURGERY

JDEvolution S

IMPLANT DIAMETER	IMPLANT LENGTH	Site preparation in maxilla		Site preparation in mandible	
		SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE
Ø 3,2	L6	/	/	/	/
	L8	2,4 L6 - L8 2,8 L6	2,4 L6 - L8 2,8 L6 3,2 L6	2,4 L6 - L8 2,8 L6 3,2 L6	2,4 L6 - L8 2,8 L6 - L8 3,2 L6
	L10	2,4 L6 - L8 - L10 2,8 L6	2,4 L6 - L8 - L10 2,8 L6 3,2 L6	2,4 L6 - L8 - L10 2,8 L6 3,2 L6	2,4 L6 - L8 - L10 2,8 L6 - L8 - L10 3,2 L6
	L11,5	2,4 L6 - L8 - L10 - L11,5 2,8 L6	2,4 L6 - L8 - L10 - L11,5 2,8 L6 3,2 L6	2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8 3,2 L6	2,4 L6 - L8 - L10 - L11,5 2,8 L6 - L8 - L10 - L11,5 3,2 L6
	L13	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 3,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 3,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 2,8 L6 - L8 - L10 - L11,5 - L13 3,2 L6
	L15	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 3,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 3,2 L6	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 2,8 L6 - L8 - L10 - L11,5 - L13 - L15 3,2 L6

JDEvolution, JDEvolution Plus, JDEvolution S JDIcon, JDIcon Plus, JDIcon Plus T, JDOcta

WITH UNICA GUIDED SURGERY DRILLS

IMPLANT DIAMETER	Site preparation in maxilla			Site preparation in mandible		
	SOFT BONE	MEDIUM-DENSE BONE	DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE	DENSE BONE
Ø 3,2	3.2 MX	3.2 MX	3.2 MX 3.7 MX (half length)	3.2 MD	3.2 MD	3.7 MD
Ø 3,7	3.2 MX	3.7 MX	3.7 MX 4.3 MX (half length)	3.2 MD	3.7 MD	4.3 MD
Ø 4,3	3.7 MX	4.3 MX	4.3 MX 4.3 MD (half length)	3.7 MD	4.3 MD	4.3 MD 4.3 DMD (half length)

Pterygomaxillary surgical protocol

IMPLANT DIAMETER	IMPLANT LENGTH	
Ø 3,3	L13	2,0 L6 - L8 - L10 - L11,5 - L13
		2,4 L6
		2,8 L6 (only for dense bone)
	L15	2,0 L6 - L8 - L10 - L11,5 - L13 - L15
		2,4 L6
		2,8 L6 (only for dense bone)
	L18	2,0 L6 - L8 - L10 - L11,5 - L13 - L15 - L18
		2,4 L6
		2,8 L6 (only for dense bone)
	L20	2,0 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20
		2,4 L6
		2,8 L6 (only for dense bone)
Ø 4,0	L13	2,4 L6 - L8 - L10 - L11,5 - L13
		3,2 L6
	L15	2,4 L6 - L8 - L10 - L11,5 - L13 - L15
		3,2 L6
	L18	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18
		3,2 L6
	L20	2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20
		3,2 L6

Trans-sinus surgical protocol

IMPLANT DIAMETER	IMPLANT LENGTH	
Ø 4,0	L20	2,0 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20
		2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20
		2,8 L6 - L8 - L10 - L11,5 - L13
		3,2 L6 - L8 - L10
	L22	2,0 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20 - L22
		2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20 - L22
		2,8 L6 - L8 - L10 - L11,5 - L13
		3,2 L6 - L8 - L10
	L24	2,0 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20 - L22 - L24
		2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20 - L22 - L24
		2,8 L6 - L8 - L10 - L11,5 - L13
		3,2 L6 - L8 - L10
Ø 4,0	L26	2,0 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20 - L22 - L24 - L26
		2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20 - L22 - L24 - L26
		2,8 L6 - L8 - L10 - L11,5 - L13
		3,2 L6 - L8 - L10
	L28	2,0 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20 - L22 - L24 - L26 - L28
		2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20 - L22 - L24 - L26 - L28
		2,8 L6 - L8 - L10 - L11,5 - L13
		3,2 L6 - L8 - L10
	L30	2,0 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20 - L22 - L24 - L26 - L28 - L30
		2,4 L6 - L8 - L10 - L11,5 - L13 - L15 - L18 - L20 - L22 - L24 - L26 - L28 - L30
		2,8 L6 - L8 - L10 - L11,5 - L13
		3,2 L6 - L8 - L10

JDZygoma

It is recommended to adhere to the indications of the following drilling sequence to ensure optimal primary stability of the implants.

1. Mark the extension of the window on the sinus wall.
2. Use the Diamond Spherical Drill JDBLDIASF* to create the window on the sinus wall in order to detach the membrane without beaking it.
3. Place the guide and fix it. Prepare the pilot holes with the Precision Drill JDDR102 and then insert the JDentalCare fixation screws** using the Screwdriver JDPD140.
4. Start the osteotomy using the Diamond Drills GZDDL and GZDDS to create the housing for the implant body in the maxilla. Move the drill in the buttonhole with vestibulo-palatal movements.
5. Insert the Initial Drill Adaptor JDIDA in the apical sleeve.
6. Start perforating the zygomatic bone with the Initial Drill ZJDDREXS250NP and ZJDDREXS270NP. The drill will be guided by the coronal and apical sleeves, and will be stopped automatically when reach the Initial Drill Adaptor.
7. Continue the osteotomy using the Zygomatic Drill 1*, Zygomatic Drill 2* and Zygomatic Drill 3*, to create a perfect site.
8. Use the Depth Probe* to check the perfect lenght of the implant to choose.
9. Insert the JDZygoma implant using the implant driver JDID115 with JD Surgical Driver Max*.

*Those drills and instruments are inserted in the JDZygoma Surgical Kit. To be ordered separately.

**The screws will be included in the surgical guide shipment.

SUMMARY TABLES

All The Drills	74
All The instruments	80

ALL THE DRILLS

DRILLS AND KITS

		STANDARD KITS								
										
		EVPS	EVPCN	JDPS	JDPCN	JDNeXK	JDNeXKS	JDBTK	JDODK	JDFABRK
		JDPad Surgical Kit	JDPad Surgical Kit w/Drill Stops	JD Surgical Plastic Kit Standard	JD Surgical Plastic Kit w/Drill Stops	JDNeX Surgical Kit	JDNeX Surgical Kit w/ Drill Stops	JD Bone Track™ Drills Kit	JD Onedrill Kit	Full Arch Kit
Twist Drills	JDDR20	●		●		●				
	JDDR24	●		●						
	JDDR28	●		●						
	JDDR32	●		●						
	JDDR36	●		●						
	JDDR40	●		●						
	JDDR44	●		●						
	JDDR48	■		■						
	JDDR54	■		■						
Twist Drills with Drill Stops	JDDR20C		●		●					
	JDDR24C		●		●					
	JDDR28C		●		●					
	JDDR32C		●		●					
	JDDR36C		●		●					
	JDDR40C		●		●					
	JDDR44C		●		●					
	JDDR48C		■		■					
Precision Drills	JDPD	●	●	●	●	●	●			
	JDGP									
	JDDR102									
Drill Extension	JDDREXT	●	●	●	●	●	●		●	
JDNeX Standard Drills	JDDR35NEX					●				
	JDDR37NEX					●				
	JDDR40NEX					●				
	JDDR43NEX					●				
	JDDR50NEX					●				
	JDDR35NEXP					●				
	JDDR37NEXP					●				
	JDDR40NEXP					●				
	JDDR43NEXP					●				
	JDDR50NEXP					●				
JDNeX Drills w/ Stops	JDDR20STNEX						●			
	JDDR35STNEX						●			
	JDDR37STNEX						●			
	JDDR40STNEX						●			
	JDDR43STNEX						●			
	JDDR50STNEX						●			
	JDDR35STNEXP						●			
	JDDR37STNEXP						●			
	JDDR40STNEXP						●			
	JDDR43STNEXP						●			
JDNeX Countersink	JDDR35CSNEX					●	●			
	JDDR37CSNEX					●	●			
	JDDR40CSNEX					●	●			
	JDDR43CSNEX					●	●			
	JDDR50CSNEX					●	●			
Bone Track Diamond Drills	JDDR50NEXP							●		
	JDDIADR37							●		
	JDDIADR43							●		
	JDDIADR50							●		
Implant Drills	JDOD32								●	
	JDOD37								●	
	JDOD43								●	
	JDOD50								●	
Full Arch Drills	JDBLDR									●
	JDBLSF									●
	JDBLDIASF									●
	JDBLDIAC									●

[illegible]

- Included in the kit

▲ Provided in the kit compatible with the chosen implant line

■ Not included in the kit. To be ordered separately

ALL THE DRILLS

DRILLS AND KITS

		STANDARD KITS								
										
		EVPS	EVPCN	JDPS	JDPCN	JDNEKX	JDNEKXS	JDBTK	JDODK	JDFABRK
		JDPad Surgical Kit	JDPad Surgical Kit w/Drill Stops	JD Surgical Plastic Kit Standard	JD Surgical Plastic Kit w/Drill Stops	JDNeX Surgical Kit	JDNeX Surgical Kit w/ Drill Stops	JD Bone Track™ Drills Kit	JD Onedrill Kit	Full Arch Kit
Unica Guided Drills	JDGD110									
	JDGD111									
	JDGD112									
	JDGD113									
	JDGD114									
	JDGD115									
Unica Post-Extractive Guided Drills	JDDIADR102									
	JDDIADR103									
	JDDIADR104									
Guided Drills	JDGD100									
	JDGD20-060									
	JDGD20-080									
	JDGD20-100									
	JDGD20-115									
	JDGD20-130									
	JDGD20-150									
	JDGD20-180									
	JDGD20-200									
	JDGD20-220									
Guided Drills	JDGD20-240									
	JDGD20-260									
	JDGD24-060									
	JDGD24-080									
	JDGD24-100									
	JDGD24-115									
	JDGD24-130									
	JDGD24-150									
	JDGD24-180									
	JDGD24-200									
	JDGD24-220									
	JDGD24-240									
	JDGD24-260									
	JDGD28-060									
	JDGD28-080									
	JDGD28-100									
	JDGD28-115									
	JDGD28-130									
	JDGD28-150									
	JDGD32-060									
	JDGD32-080									
	JDGD32-100									
	JDGD32-115									
	JDGD32-130									
	JDGD32-150									
	JDGD36-060									
	JDGD36-080									
	JDGD36-100									
	JDGD36-115									
	JDGD36-130									
	JDGD36-150									
	JDGD42-060									
	JDGD42-080									
	JDGD42-100									
	JDGD42-115									
	JDGD42-130									
	JDGD42-150									

[illegible]

● Included in the kit ▲ Provided in the kit compatible with the chosen implant line ■ Not included in the kit. To be ordered separately

ALL THE DRILLS

DRILLS AND KITS

		STANDARD KITS								
										
		EVPS	EVPCN	JDPS	JDPCN	JDNEKX	JDNEKXS	JDBTK	JDODK	JDFABRK
		JDPad Surgical Kit	JDPad Surgical Kit w/Drill Stops	JD Surgical Plastic Kit Standard	JD Surgical Plastic Kit w/Drill Stops	JDNeX Surgical Kit	JDNeX Surgical Kit w/ Drill Stops	JD Bone Track™ Drills Kit	JD Onedrill Kit	Full Arch Kit
JDPterygo Drills	JDDRPT20									
	JDDRPT24									
	JDDR101									
	JDDRPT32									
Nasal Drills	JDDR20L									
	JDDR24L									
Helix Drill Nasal	JDDRNA24									
Diamond Drills	JDDIADR									
	JDDIADRL									
	GZDDS									
	GZDDL									
Initial Drills	ZJDDREXS250NP									
	ZJDDREXS270NP									
	ZJDDRID50									
	ZJDDREXS150NP									
	ZJDDREXS170NP									
	JDID									
JDZygoma Drills	JDIDNA									
	ZJDDR28									
	ZJDDR28L									
	ZJDDR32									
	ZJDDR32L									
	ZJDDR36									
Zygomatic Drills 3 Flutes	ZJDDR36L									
	ZJDDREXS150N									
	ZJDDREXS170N									
	ZJDDREXS250N									
	ZJDDREXS270N									
	ZJDDREXS350N									
	ZJDDREXS370N									

[illegible]

● Included in the kit ▲ Provided in the kit compatible with the chosen implant line ■ Not included in the kit. To be ordered separately

ALL THE INSTRUMENTS

INSTRUMENTS AND KITS

		STANDARD KITS								
										
		EVPS	EVPCN	JDPS	JDPCN	JDNEXX	JDNEKXS	JDBTK	JDODK	JDFABRK
		JDPad Surgical Kit	JDPad Surgical Kit w/Drill Stops	JD Surgical Plastic Kit Standard	JD Surgical Plastic Kit w/ Drill Stops	JDNeX Surgical Kit	JDNeX Surgical Kit w/ Drill Stops	JD Bone Track™ Drills Kit	JD Onedrill Kit	Full Arch Kit
Implant Drivers	EVID	▲	▲	▲	▲					
	EVIDL	▲	▲	▲	▲					
	EVID:	▲	▲	▲	▲					
	EVIDL:	▲	▲	▲	▲					
	ESID	▲	▲	▲	▲					
	ESIDL	▲	▲	▲	▲					
	NEID					●	●			
	NEIDL					●	●			
	ICID	▲	▲	▲	▲					
	ICIDL	▲	▲	▲	▲					
	ISID	▲	▲	▲	▲					
	ISIDL	▲	▲	▲	▲					
	ICID:	▲	▲	▲	▲					
	ICIDL:	▲	▲	▲	▲					
	OCID	▲	▲	▲	▲					
	OCIDL	▲	▲	▲	▲					
	OCIDW	▲	▲	▲	▲					
	OCIDLW	▲	▲	▲	▲					
	OCIDN	▲	▲	▲	▲					
	OCIDLN	▲	▲	▲	▲					
	JDIHD	▲	▲	▲	▲					
	JDIHDL	▲	▲	▲	▲					
	JDID30	▲	▲	▲	▲					
	JDID100	▲	▲	▲	▲					
	JDID101	▲	▲	▲	▲					
	JDID116									
	JDID111									
	ICIDGS:									
	JDID115									
Prosthetic Drivers	EVSDPF15	▲	▲	▲	▲					
	EVSDPF20	▲	▲	▲	▲					
	EVSDPF25	▲	▲	▲	▲					
	EVSDPF35	▲	▲	▲	▲					
	EVSDPF60	▲	▲	▲	▲					
	EVSDPF15:	▲	▲	▲	▲					
	EVSDPF20:	▲	▲	▲	▲					
	EVSDPF25:	▲	▲	▲	▲					
	EVSDPF35:	▲	▲	▲	▲					
	EVSDPF60:	▲	▲	▲	▲					
	NESDPF20					●	●			
	NESDPF25					●	●			
	NESDPF35									
	EVSDP25									
	JDPD140									
Initial Drill Adaptor	JDIDA									
Driver Body	EVIDG									
Depth Probe	JDZPR									
Drill Stops	JDDRST60N		●		●					
	JDDRST80N		●		●					
	JDDRST100N		●		●					
	JDDRST115N		●		●					
	JDDRST130N		●		●					
	JDDRST150N		●		●					

[illegible]

● Included in the kit ▲ Provided in the kit compatible with the chosen implant line ■ Not included in the kit. To be ordered separately

ALL THE INSTRUMENTS

INSTRUMENTS AND KITS

		STANDARD KITS								
										
		EVPS	EVPCN	JDPS	JDPCN	JDNEKX	JDNEKXS	JDBTK	JDODK	JDFABRK
		JDPad Surgical Kit	JDPad Surgical Kit w/Drill Stops	JD Surgical Plastic Kit Standard	JD Surgical Plastic Kit w/ Drill Stops	JDNeX Surgical Kit	JDNeX Surgical Kit w/ Drill Stops	JD Bone Track™ Drills Kit	JD Onedrill Kit	Full Arch Kit
Unica Drill Stops	JDODGDST060									
	JDODGDST080									
	JDODGDST100									
	JDODGDST115									
	JDODGDST130									
	JDODGDST150									
	JDODGDST180									
JDNeX Drill Stops	JDDRST80-1NEX						●			
	JDDRST100-1NEX						●			
	JDDRST115-1NEX						●			
	JDDRST130-1NEX						●			
	JDDRST150-1NEX						●			
	JDDRST80-2NEX						●			
	JDDRST100-2NEX						●			
	JDDRST115-2NEX						●			
	JDDRST130-2NEX						●			
	JDDRST150-2NEX						●			
	JDDRST80-3NEX						●			
	JDDRST100-3NEX						●			
	JDDRST115-3NEX						●			
	JDDRST130-3NEX						●			
	JDDRST150-3NE						●			
Direction Indicators	JDDI	●	●	●	●	●	●			
	JDDIS	●	●	●	●	●	●			
	JDOD32P								●	
	JDOD37P								●	
	JDOD43P								●	
	JDOD50P								●	
Fixation Pin	JDPIIN									
Tissue Punch	JDTP35									
Implant Mounters	EVGMC									
	EVGMLC									
	ESGMC									
	ESGMLC									
	ICGMC									
	ICGMC.									
	ICGMLC.									
Sleeves	ISGMC									
	JDBG									
	JDBGB									
	JDBGBL									
Surgical Driver	JDBGP									
	EVSUDMAX									
JDTorque	JDTW	●	●	●	●	●	●			
	JDTWA	●	●	●	●	●	●			

GUIDED SURGERY				MAXILLA-FOR-ALL®				
								
JD GSK	JDKIT02	JDKIT07	JDKIT05	JDKIT04	JDKIT01	JDNAKF	ZSKITE	ZSKITF
JD Guided Surgery Kit	JD Extra Drills Kit	Unica Guided Surgery Kit	Z-GO Guide™ Surgical Kit	JD Pterygo Surgical Kit	JD Pterygo Drills Kit	JD Nasal Kit	JD Zygoma Kit Extra	JD Zygoma Kit Full
		●						
		●						
		●						
		●						
		●						
		●						
		●						
●		●						
●								
▲		▲						
▲		▲						
▲		▲						
▲		▲						
▲		▲						
▲		▲						
▲		▲						
▲		▲						
■								
■								
■								
■								
							●	●
●		●						
●		●						

- Included in the kit

▲ Provided in the kit compatible with the chosen implant line

■ Not included in the kit. To be ordered separately



JDENTALCARE

just smile

www.jdentalcare.com

JDentalCare, the JDentalCare logo and other trademarks mentioned in this document are, excluding specifically mentioned exceptions, trademarks property of JDentalCare.

The images of the products represented in this brochure are not necessarily to scale.

Note: Not all products manufactured by JDentalCare and represented in this brochure have been regulatory cleared/released for sale in all countries and/or have been licensed in accordance with FDA Rules and Regulations.

For more information about current product assortment and availability, please contact your local JDentalCare distributor. For prescription only.

Caution: Federal (US) law restricts this device to sale by or on the other for a licensed dentist.

See instructions for use for more information such as indications, warnings, precaution and contraindications.

KITCAT
REV.13 of 2026-07-16