



JDENTALCARE

just smile

JD NEX

surgical kit

eXtend your possibilities



Made in Italy

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.



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.

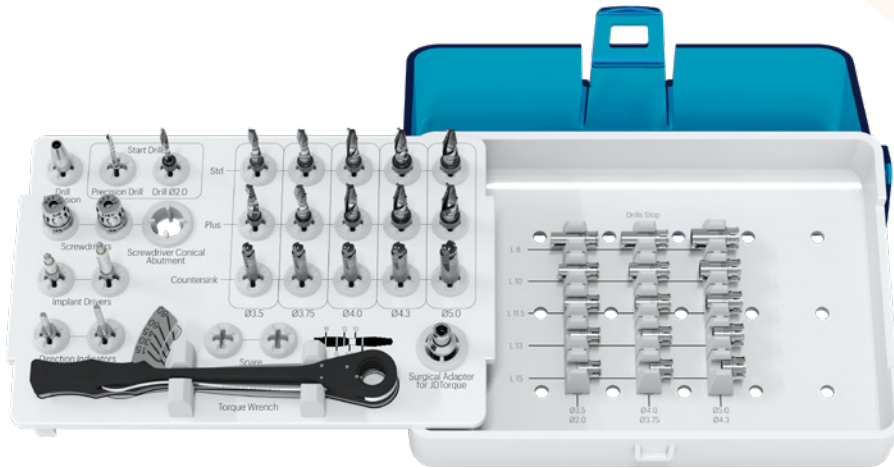
TWO CONFIGURATIONS. ONE PROTOCOL.



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

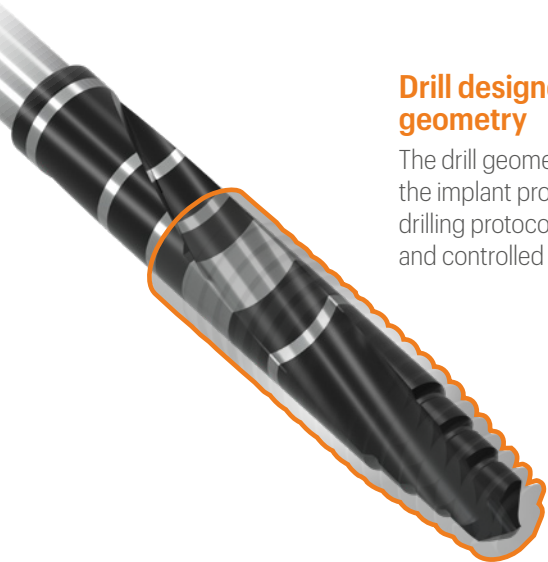
This configuration combines the JDNeX Drills design with the Depth Stop System. The stops allow preparation to the planned depth while maintaining the freedom of free-hand surgery, with physical depth control.



EXCLUSIVE TECHNICAL DETAILS

Drill designed on implant geometry

The drill geometry reproduces the implant profile, simplifying the drilling protocol and enabling precise and controlled site preparation.



Incremental-diameter apical cutting edges

The apical portion of the drills features special cutting notches designed to progressively enlarge the apical area of the osteotomy.



PRODUCT CATALOGUE

JDNeX Surgical Kits:

JDNEKK	JDNeX Surgical Kit
JDNEKKS	JDNeX Surgical Kit w/ Drill Stops



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

Standard Drills are provided in the JDNEKK Surgical Kit



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

Drills with Stops are provided in the JDNEKKS Surgical Kit



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



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



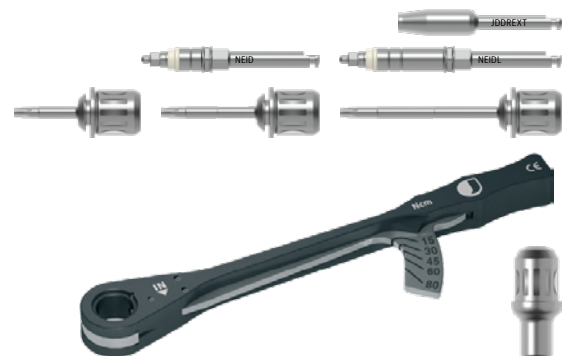
JDDRST80-3NEX	Stop L 8 for Drill Ø 4.3-5.0 JDNeX
JDDRST100-3NEX	Stop L 10 for Drill Ø 4.3-5.0 JDNeX
JDDRST115-3NEX	Stop L 11.5 for Drill Ø 4.3-5.0 JDNeX
JDDRST130-3NEX	Stop L 13 for Drill Ø 4.3-5.0 JDNeX
JDDRST150-3NEX	Stop L 15 for Drill Ø 4.3-5.0 JDNeX



Drill Stops are provided in the JDNEKS Surgical Kit

Implant and prosthetic drivers:

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



Direction indicators:

JDDI	Direction Indicator
JDDIS	Direction Indicator Short



SIMPLIFIED DRILLING PROTOCOL

1 IDENTIFY THE SURGERY SITE AND BONE TYPE

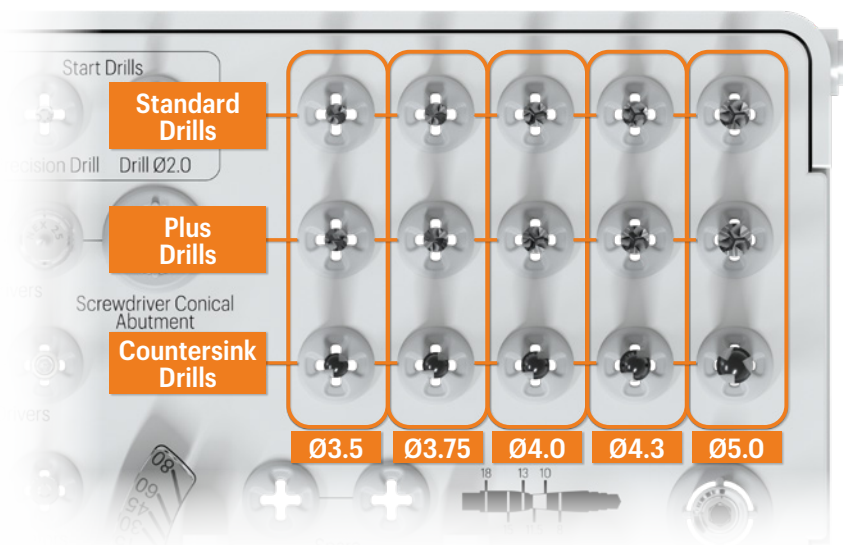
Mandible / Maxilla
Soft / Medium / Dense

2 CHOOSE THE IMPLANT DIAMETER

Ø3.5 / Ø3.75 / Ø4.0 / 4.3 / 5.0 mm

3 SELECT THE JD NEX DRILL

Standard Drills, Plus Drills, Countersinks

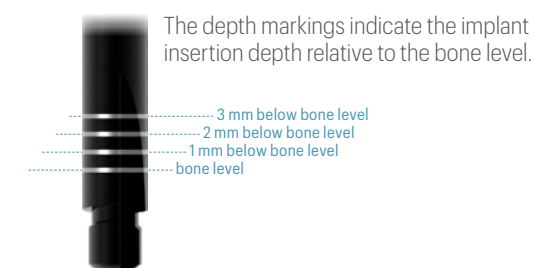
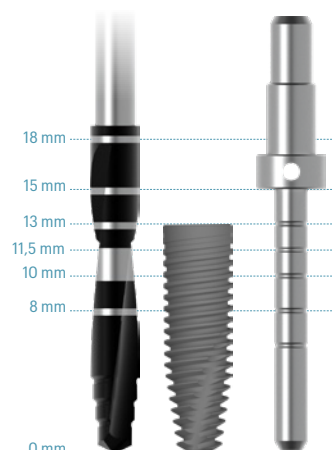


DRILLING PROTOCOL

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

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

Note: All diameter dimensions are indicated in mm



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.