



**JDENTAL CARE**

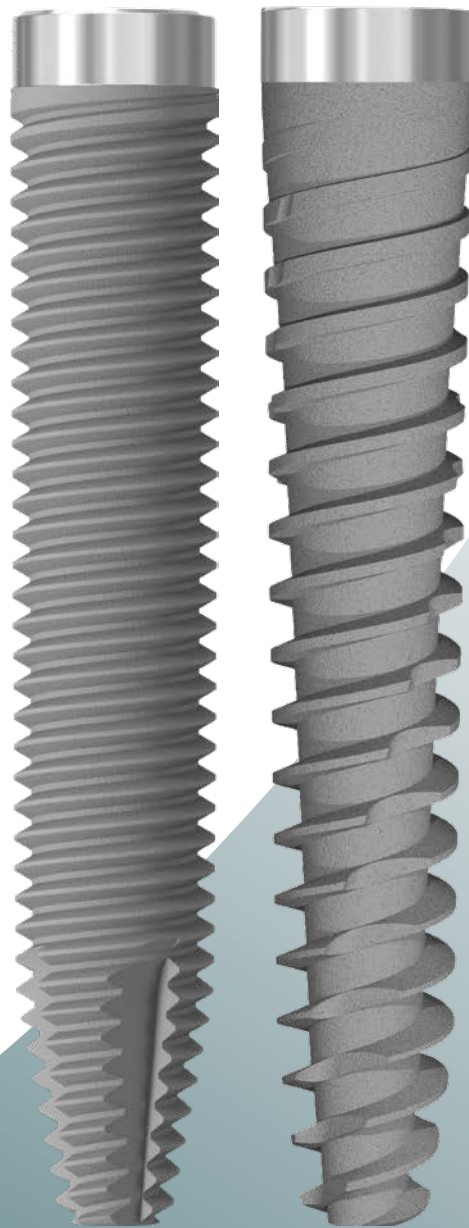
*just smile*



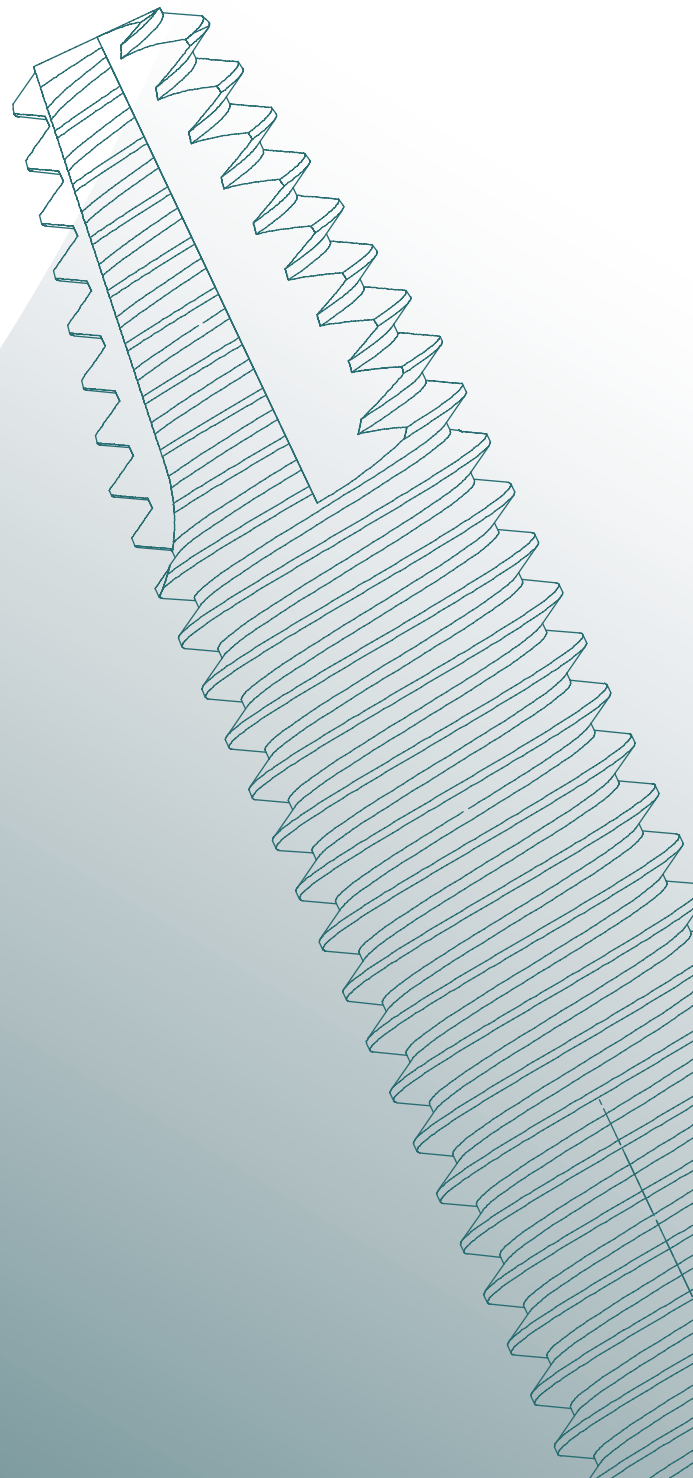
**MADE IN ITALY**

Dental Implant

# JD NASAL

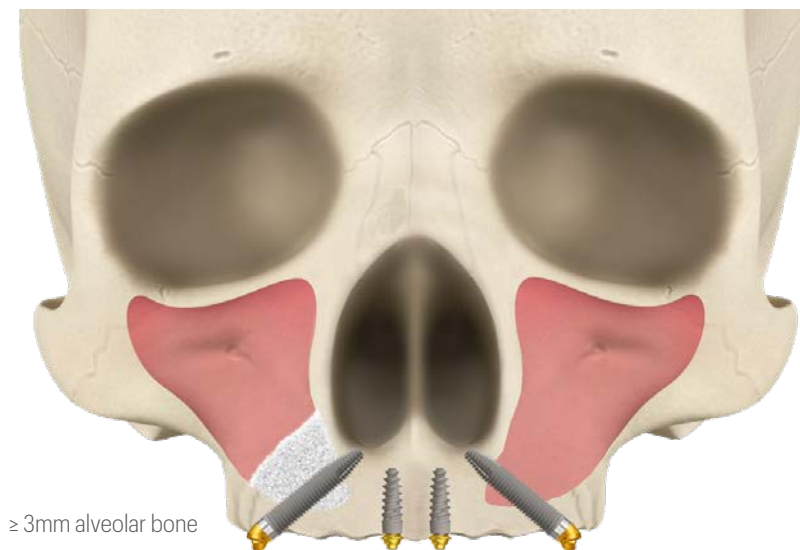


Nasal anchorage



## NASAL ANCHORAGE

In a severely resorbed maxilla, JDNasal Implants can be employed to make use of the nasal bone, because they enable use of the maxillary bone surrounding the nose. The implant site begins in the crestal bone at the premolar and ends in the bone separating the maxillary sinus and nasal cavity at the canine pillar. The implants used for these cases need to be longer to span across the sinus and they need to be tilted. JDNasal Implants are available up to a length of 26mm. Full product details and drilling protocol follow overleaf. The surgeon can choose to graft or not the sinus simultaneously to the implant placement. It is mandatory to have no signs of sinus infection in patients, before deciding to proceed with this procedure.

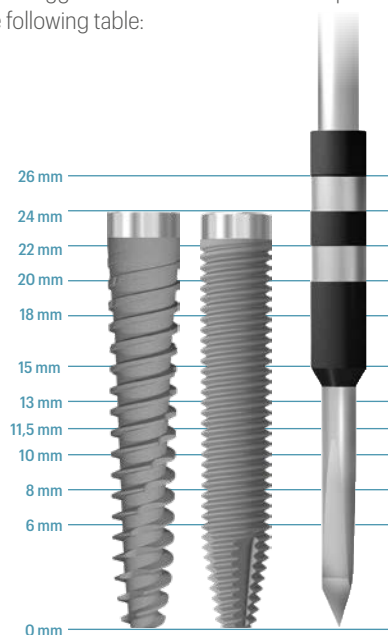


## PRODUCT SPECIFICATIONS

JDNasal dental implants have cylindrical-conical shape with standard-thread or conical shape with aggressive thread. In the coronal part they have 1,5mm machined collar. JDNasal dental implants are available in the diameter and lengths shown in the following table:

IMPLANT DIAMETER	TIP DIAMETER	LENGTH				
		18	20	22	24	26
<b>Ø 4,0</b>	2,4					

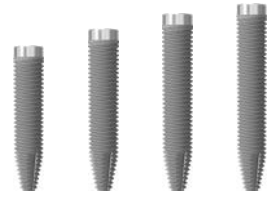
Note: All measurements in mm



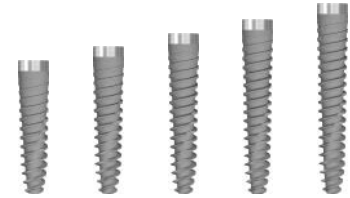
# PRODUCT CATALOGUE

## Implants:

NA40200:	JDNasal Ø 4.0 L 20
NA40220:	JDNasal Ø 4.0 L 22
NA40240:	JDNasal Ø 4.0 L 24
NA40260:	JDNasal Ø 4.0 L 26

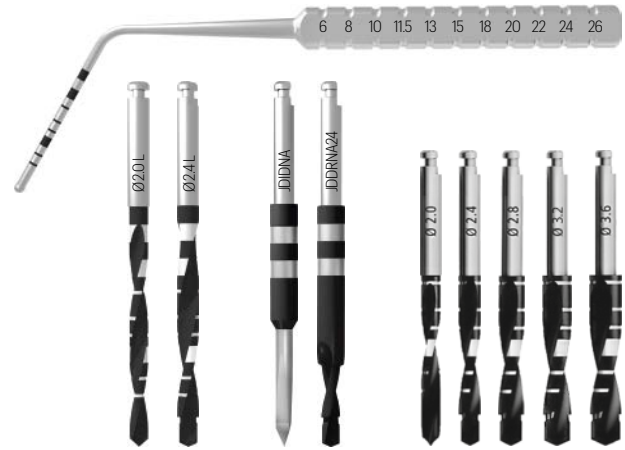


IM43180-2	JDNasal Evo Ø 4.0 L 18
NAE40200:	JDNasal Evo Ø 4.0 L 20
NAE40220:	JDNasal Evo Ø 4.0 L 22
NAE40240:	JDNasal Evo Ø 4.0 L 24
NAE40260:	JDNasal Evo Ø 4.0 L 26



## Drills and Depth probe:

JDNPR	26mm Depth Probe JDNasal
JDDR20L	Drill Ø 2.0 JDNasal*
JDDR24L	Drill Ø 2.4 JDNasal*
JDIDNA	Initial Drill JDNasal*
JDDRNA24	Helix Drill Ø 2.4 JDNasal*
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



\*these drills above are inserted in the JDNasal Kit Full

## Guided Drills for JDNasal guided protocol:

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



Note: all these drills above are inserted in the JD Guided Surgery Kit Extra Drills

## JD Nasal Surgical Kit:

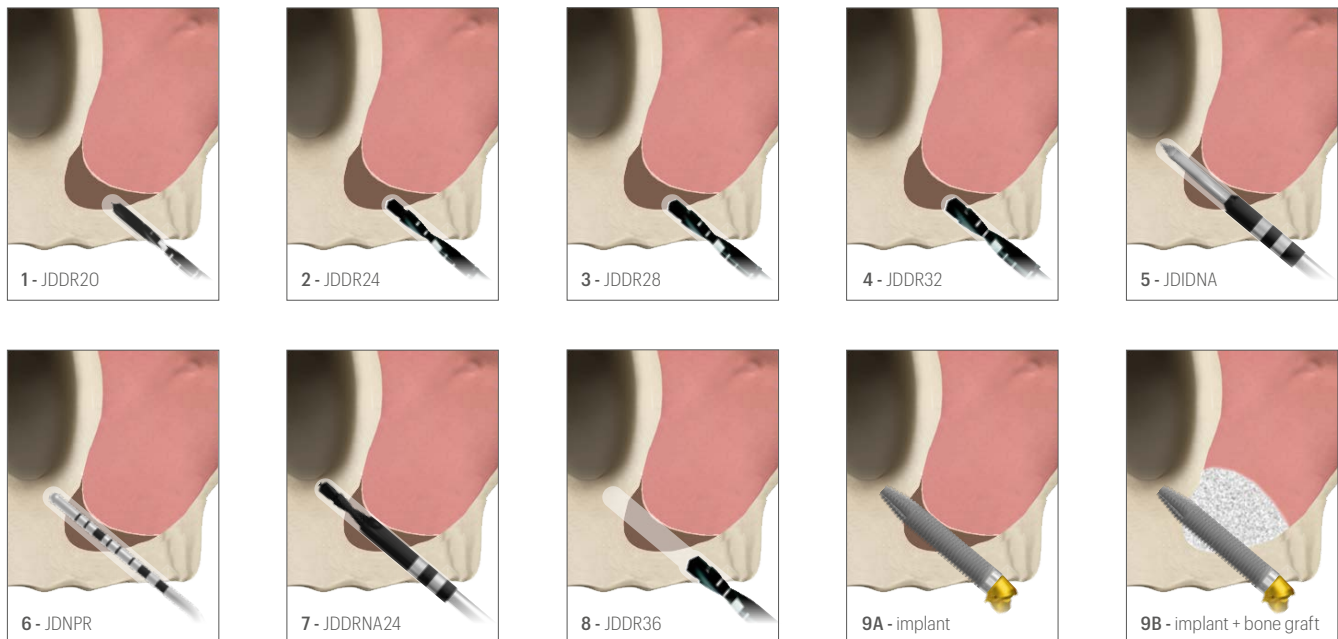
JDNAK	JDNasal Kit
JDNAKF	JDNasal Kit Full
JDKIT02	JD Guided Surgery Kit Extra Drills

## Prosthetic Solutions:

JDNasal connection is compatible with JDEvolution Plus implant line, so please refer to JDEvolution Plus catalogue to choose the most suitable component.

## TRANS- SINUS SITE PREPARATION SEQUENCE

### Non-guided protocol



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  $\varnothing$  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  $\varnothing$  2.4mm till to reach and perforate the floor of the maxillary sinus.
3. Continue with standard twist drill  $\varnothing$  2.8mm till to reach and perforate the floor of the maxillary sinus.
4. Continue with standard twist drill  $\varnothing$  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  $\varnothing$  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.
8. Complete the osteotomy with standard twist drill  $\varnothing$  3.6mm in the alveolar process.
- 9A. Place the implant and reach the final position without adding bone graft.
- 9B. Optional: place the implant, reach the final position and insert bone graft into the sinus.

#### instruments used:



#### JD Nasal Kit (PATENT PENDING)

JD Nasal Kit has four longer Drills, specially designed for trans-sinus implants.\*

Longer Drill  $\varnothing$  2,0mm JDNasal  
 Longer Drill  $\varnothing$  2,4mm JDNasal  
 Initial Drill JDNasal  
 Helix Drill  $\varnothing$  2,4mm JDNasal

\*The picture above is referred to JD Nasal Kit Full

## NASAL SITE PREPARATION SEQUENCE

### Non-guided protocol



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 it reaches the final position.

#### instruments used:



## SITE PREPARATION SEQUENCE

### Computer guided protocol



1. Start the osteotomy using the first Guided Drill Ø 2,4mm x L 6mm\*
2. Continue the osteotomy using the Guided Drill Ø 2,4mm x L 10mm\*
3. Continue the osteotomy using the Guided Drill Ø 2,4mm x L 15mm\*
4. Continue the osteotomy using the Guided Drill Ø 2,4mm at the same implant length to be inserted. Choose among Guided drills L 18-20-22-24-26mm inserted in the JDGuided Surgery Kit Extra Drills
5. Continue the osteotomy with Guided Drill Ø 2,8mm x L 6mm\*
6. Continue the osteotomy with Guided Drill Ø 3,2mm x L 6mm\*
7. Complete the osteotomy with Guided Drill Ø 3,6mm x L 6mm\*

\*the marked drills are not present in this brochure.  
Please refer to JD Guided Surgery Kit brochure available at [www.jdentalcare.com](http://www.jdentalcare.com)



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[www.jdentalcare.com](http://www.jdentalcare.com)

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