

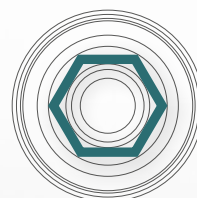


JDENTALCARE

just smile

JD NASAL

Nasal anchorage



hexagonal connection



designed for

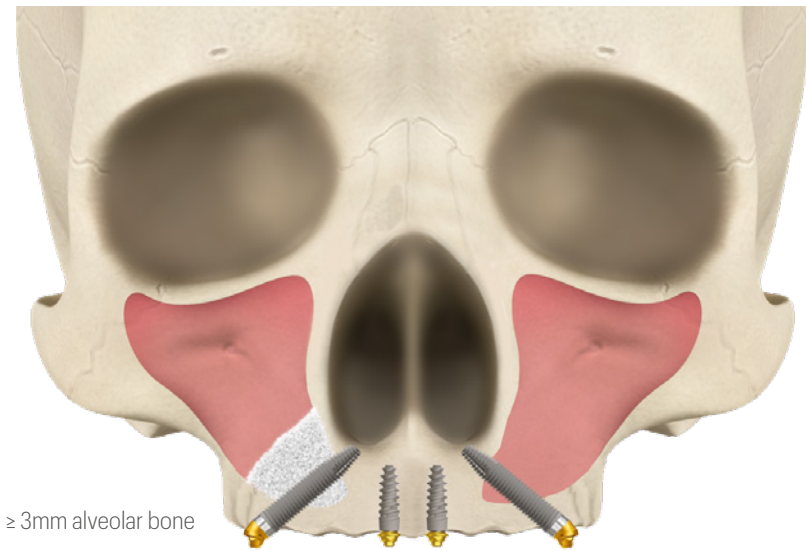
Maxilla-For-All®



Made in Italy

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 30mm. 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.

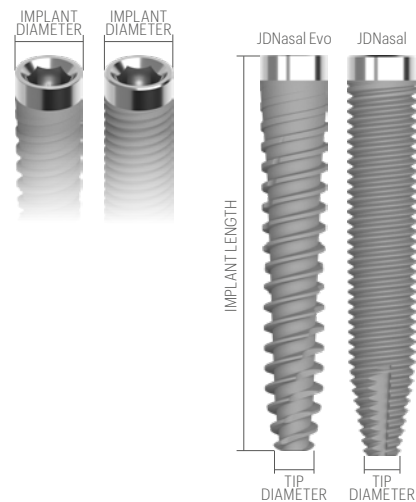


PRODUCT SPECIFICATIONS

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

IMPLANT DIAMETER	LENGTH	TIP DIAMETER
Ø 4.0 (JDNasal)	20, 22, 24, 26	2.4
Ø 4.0 (JDNasal Evo)	18, 20, 22, 24, 26, 28, 30	2.4

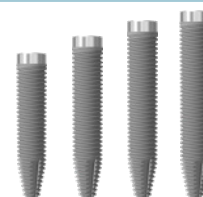
Note: all measurements in mm



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



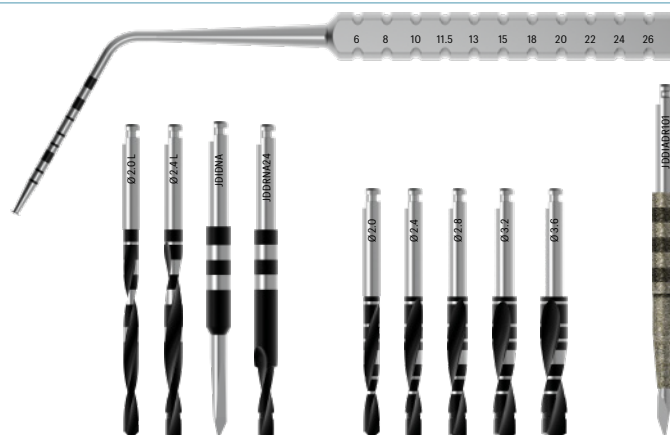
IM43180-2	JDNasal Evo Ø 4.0 L 18
NAE40200:	JDNasal Evo Ø 4.0 L 20
NAE40220:	JDNasal Evo Ø 4.0 L 22
NAE40240:	JDNasal Evo Ø 4.0 L 24
NAE40260:	JDNasal Evo Ø 4.0 L 26
NAE40280:	JDNasal Evo Ø 4.0 L 28
NAE40300:	JDNasal Evo Ø 4.0 L 30



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
JDDIADR101	JDNasal TranZ Drill

*these drills above are inserted in the JDNasal Kit Full



Guided Drills for JDNasal guided protocol:

JGD20-180	Guided Drill Ø 2.0 L 18.0
JGD20-200	Guided Drill Ø 2.0 L 20.0
JGD20-220	Guided Drill Ø 2.0 L 22.0
JGD20-240	Guided Drill Ø 2.0 L 24.0
JGD20-260	Guided Drill Ø 2.0 L 26.0
JGD24-180	Guided Drill Ø 2.4 L 18.0
JGD24-200	Guided Drill Ø 2.4 L 20.0
JGD24-220	Guided Drill Ø 2.4 L 22.0
JGD24-240	Guided Drill Ø 2.4 L 24.0
JGD24-260	Guided Drill Ø 2.4 L 26.0

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

JGD120	JD P.A.G.A Drill
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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 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 - JDNasal



6 - JDNPR



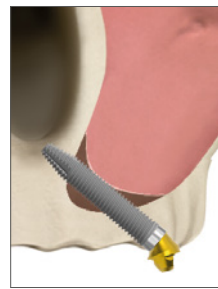
7 - JDDRNA24



8 - JDDR36



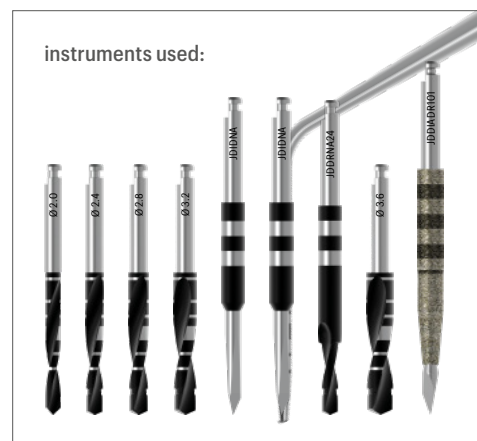
8B - JDDIADR101



9A - implant



9B - implant + bone graft



NASAL ANCHORAGE SITE PREPARATION SEQUENCE

Non-guided protocol



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:



JDNASAL KIT

JDNasal Kit is made to prepare trans-sinus and nasal anchorage surgeries



- JDNasal Kit** (PATENT PENDING)
- This kit has four longer Drills, specially designed for trans-sinus implants:*
- Longer Drill Ø 2,0mm JDNasal
 - Longer Drill Ø 2,4mm JDNasal
 - Initial Drill JDNasal
 - Helix Drill Ø 2,4mm JDNasal

*The picture above is referred to JDNasal Kit Full

SITE PREPARATION SEQUENCE

Computer guided 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
		3,6 L6
	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
		3,6 L6
	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
		3,6 L6
	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
		3,6 L6

Note: All measurements in mm

