J DENTAL CARE

just smile

JD ICON

The unique features of an icon

conical connection

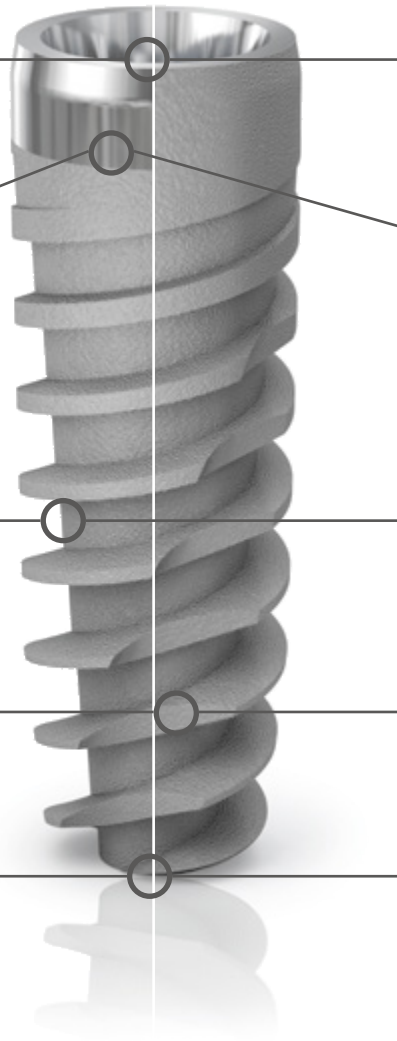
FDA Approved

Made in Italy

JD ICON

THE UNIQUE FEATURES OF AN ICON

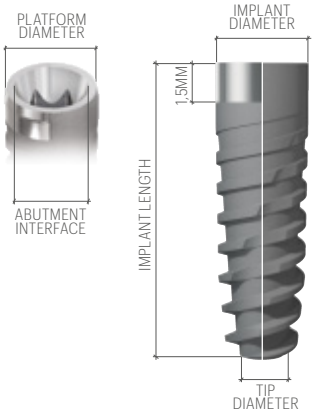
features	advantages
Available with 1.5 mm machined implant collar or fully treated without machined implant collar	Wide product range to meet the needs of all surgical situations
Machined implant collar	Reduces the risk of perimplantitis. Allows the placement of the top of the implant above the alveolar crest to make distance between the abutment-fixture microgap and the bone reducing bone loss
Expanding tapered inner body	Favours gradual condensation of bone and guarantees high primary stability, especially in compromised bone situations
Self-cutting capacity in both directions	Makes it possible to achieve high primary stability with low torque
Apical cutting blades	They allow the implant to engage osteotomies



PRODUCT SPECIFICATIONS

The JDIcon dental implants are available in the diameters and lengths shown in the following table:

IMPLANT DIAMETER	TIP DIAMETER	ABUTMENT INFERFACE	PLATFORM DIAMETER	LENGTH							
Ø 3,9	2,8	3,4	3,9		8	10	11,5	13	15	18	20
Ø 4,3	2,8	3,4	4,0	6	8	10	11,5	13	15		
Ø 5,0	3,2	3,4	4,7	6	8	10	11,5	13	15		



Note: all measurements in mm

JD ICON

THE CONICAL CONNECTION

The conical connection offers:

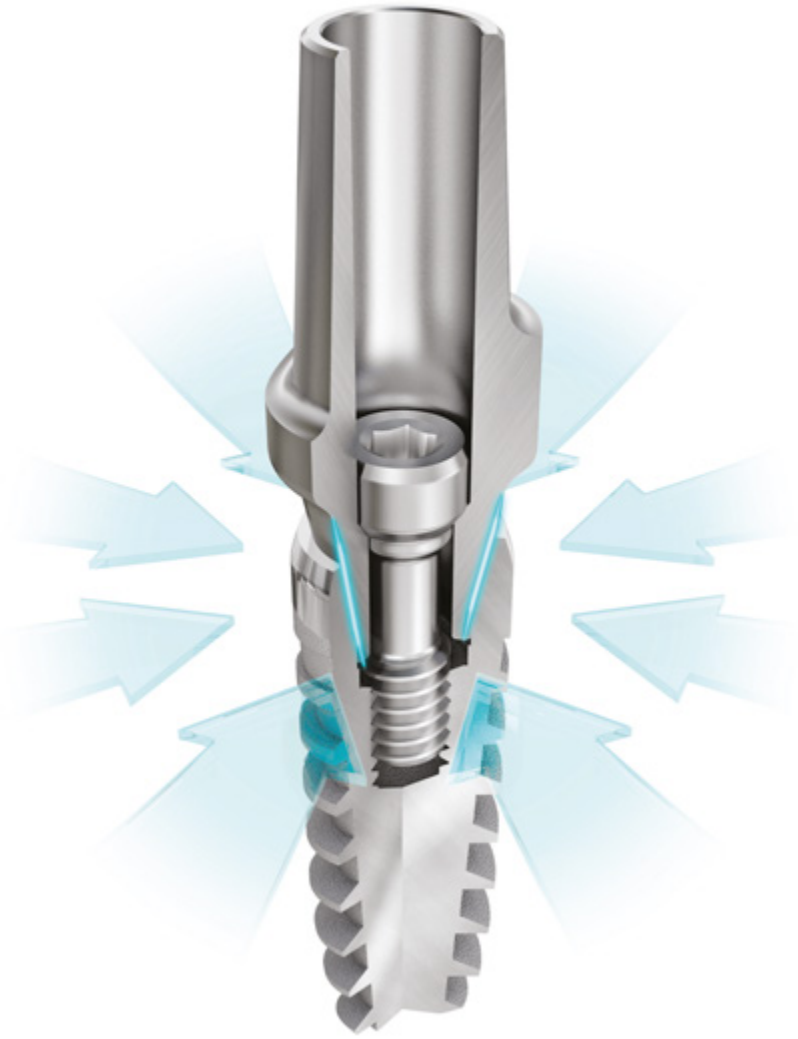
- Tight seal and high mechanical strength
- High level of mechanical stability under different load conditions
- Better force transition from the implant body to the prosthetic abutment
- Less stress on the prosthetic screw

The conical connection is significantly **superior in term of bacterial seal** as compared to other connection systems and it is more resistant to abutment movement and microgap enlargement under loading.

The internal conical connection also allows for platform shifting, allowing the preservation of the crestal bone and the volume of the surrounding soft tissue. This results in more **natural looking gums** and also supports **less radiographically detectable crestal bone loss.**

Whereas with other connections, platform shifting is achieved through the use of a smaller diameter abutment on a larger diameter implant collar, the internal conical connection has the shift built-in.

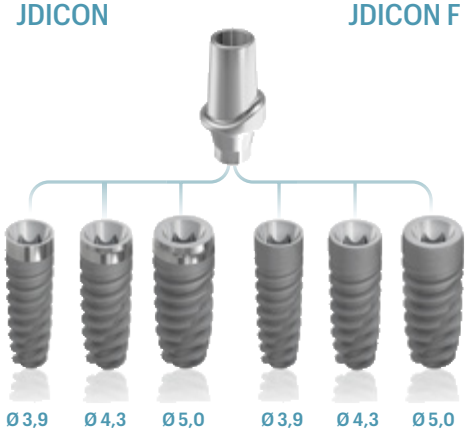
The hexagonal interlocking provides a choice of six different abutment positions providing **high restorative flexibility.**



SINGLE PROSTHETIC CONNECTION

features

- Single prosthetic connection for all diameters
- Dual system conical connection internal hexagonal
- Built-in platform switching
- Complete selection of temporary and final abutments for various heights and emergence profiles



advantages

- Semplicity of clinical processes
- Reduces inventory and enhanced working flexibility
- Excellent connection stability
- Sealed connection: thanks to the connection design, there are no detectable microgaps at the implant-abutment in the area of the conical connection
- High mechanical strength
- Greater hard and soft tissue stability

PRODUCT CATALOGUE

JDIcon with 1.5mm machined implant collar:

Ø 3,9

IC39080	JDIcon Ø 3.9 L 8
IC39100	JDIcon Ø 3.9 L 10
IC39115	JDIcon Ø 3.9 L 11.5
IC39130	JDIcon Ø 3.9 L 13
IC39150	JDIcon Ø 3.9 L 15
IC39180	JDIcon Ø 3.9 L 18
IC39200	JDIcon Ø 3.9 L 20

Ø 4,3

IC43060	JDIcon Ø 4.3 L 6
IC43080	JDIcon Ø 4.3 L 8
IC43100	JDIcon Ø 4.3 L 10
IC43115	JDIcon Ø 4.3 L 11.5
IC43130	JDIcon Ø 4.3 L 13
IC43150	JDIcon Ø 4.3 L 15

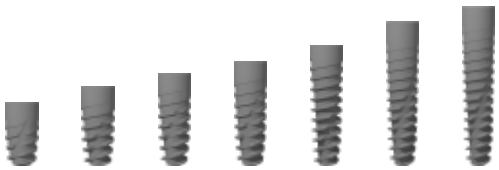
Ø 5,0

IC50060	JDIcon Ø 5.0 L 6
IC50080	JDIcon Ø 5.0 L 8
IC50100	JDIcon Ø 5.0 L 10
IC50115	JDIcon Ø 5.0 L 11.5
IC50130	JDIcon Ø 5.0 L 13
IC50150	JDIcon Ø 5.0 L 15

JDIcon F fully treated:

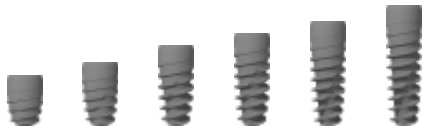
Ø 3,9

IC39080:	JDIcon F Ø 3.9 L 8
IC39100:	JDIcon F Ø 3.9 L 10
IC39115:	JDIcon F Ø 3.9 L 11.5
IC39130:	JDIcon F Ø 3.9 L 13
IC39150:	JDIcon F Ø 3.9 L 15
IC39180:	JDIcon F Ø 3.9 L 18
IC39200:	JDIcon F Ø 3.9 L 20



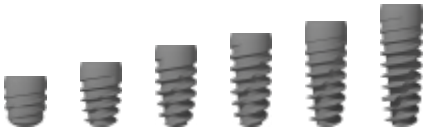
Ø 4,3

IC43060:	JDIcon F Ø 4.3 L 6
IC43080:	JDIcon F Ø 4.3 L 8
IC43100:	JDIcon F Ø 4.3 L 10
IC43115:	JDIcon F Ø 4.3 L 11.5
IC43130:	JDIcon F Ø 4.3 L 13
IC43150:	JDIcon F Ø 4.3 L 15



Ø 5,0

IC50060:	JDIcon F Ø 5.0 L 6
IC50080:	JDIcon F Ø 5.0 L 8
IC50100:	JDIcon F Ø 5.0 L 10
IC50115:	JDIcon F Ø 5.0 L 11.5
IC50130:	JDIcon F Ø 5.0 L 13
IC50150:	JDIcon F Ø 5.0 L 15



Cover Screw:

ICCS	Cover Screw JDIcon

Healing Abutment:

ICHA43	Healing Abutment Ø 4.0 H 3.0 JDIcon
ICHA45	Healing Abutment Ø 4.0 H 5.0 JDIcon
ICHA47	Healing Abutment Ø 4.0 H 7.0 JDIcon
ICHA53	Healing Abutment Ø 5.0 H 3.0 JDIcon
ICHA55	Healing Abutment Ø 5.0 H 5.0 JDIcon
ICHA57	Healing Abutment Ø 5.0 H 7.0 JDIcon
ICHA59	Healing Abutment Ø 5.0 H 9.0 JDIcon
ICHA63	Healing Abutment Ø 6.0 H 3.0 JDIcon
ICHA65	Healing Abutment Ø 6.0 H 5.0 JDIcon
ICHA67	Healing Abutment Ø 6.0 H 7.0 JDIcon

Healing Abutments Bridge:

ICHA53B	Healing Abutment Bridge Ø 5.0 H 3.0 JDIcon
ICHA55B	Healing Abutment Bridge Ø 5.0 H 5.0 JDIcon
ICHA57B	Healing Abutment Bridge Ø 5.0 H 7.0 JDIcon

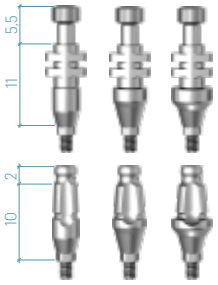
Impression Coping:

OPEN TRAY

ICICOT4C	Impression Coping Open Tray Ø 4.0 JDIcon
ICICOT5C	Impression Coping Open Tray Ø 5.0 JDIcon
ICICOT6C	Impression Coping Open Tray Ø 6.0 JDIcon

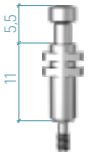
CLOSED TRAY

ICICCT4C	Impression Coping Closed Tray Ø 4.0 JDIcon
ICICCT5C	Impression Coping Closed Tray Ø 5.0 JDIcon
ICICCT6C	Impression Coping Closed Tray Ø 6.0 JDIcon



Impression Coping Bridge:

ICICOTNEC	Impression Coping Open Tray for Bridge JDIcon



Temporary Abutment:

ICTAEC	Temporary Abutment Engaging JDIcon
ICTANEC	Temporary Abutment Non Engaging JDIcon
ICA100	Temporary Abutment Engaging H 3.0 JDIcon
ICATANEWC	Temporary Abutment Non Engaging for Welding JDIcon

Torque recommended 30 Ncm

Straight Abutment:

ICSA4520C	Straight Abutment Ø 4.5 H 2.0 JDIcon
ICSA4540C	Straight Abutment Ø 4.5 H 4.0 JDIcon
ICSA5020C	Straight Abutment Ø 5.0 H 2.0 JDIcon
ICSA5040C	Straight Abutment Ø 5.0 H 4.0 JDIcon
ICSA6020C	Straight Abutment Ø 6.0 H 2.0 JDIcon
ICSA6040C	Straight Abutment Ø 6.0 H 4.0 JDIcon

Torque recommended 30 Ncm

GP Abutment:

ICGP40C	GP Abutment Ø 4.0 JDIcon
ICGP50C	GP Abutment Ø 5.0 JDIcon
ICGP60C	GP Abutment Ø 6.0 JDIcon

Torque recommended 30 Ncm

Anatomic Abutment:

ICEA15C	Anatomic Abutment H 1.5 JDIcon
ICEA30C	Anatomic Abutment H 3.0 JDIcon
IC15A15C	15° Angulated Anatomic Abutment Ø 5.5 H 1.5 JDIcon
IC15A30C	15° Angulated Anatomic Abutment Ø 5.5 H 3.0 JDIcon
IC25A15C	25° Angulated Anatomic Abutment Ø 5.5 H 1.5 JDIcon
IC25A30C	25° Angulated Anatomic Abutment Ø 5.5 H 3.0 JDIcon

Torque recommended 30 Ncm

Wax-Up Abutment:

ICWAEC	Wax-Up Abutment Engaging JDIcon
ICWANEC	Wax-Up Abutment Non Engaging JDIcon

Torque recommended 30 Ncm

Gold Abutment:

ICGAEC	Gold Abutment Engaging JDIcon
ICGANEC	Gold Abutment Non Engaging JDIcon

Torque recommended 30 Ncm

Prosthetic Screw:

ICS	Prosthetic Screw JDIcon
ICSA	Prosthetic Screw Angulated JDIcon

Torque recommended 30 Ncm

Abutment Retrieval Tool:

ICATR	Abutment Retrieval Tool JDIcon

Conical Abutment:

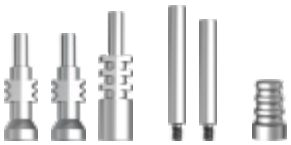
ICCA15C	Conical Abutment H 1.5 JDIcon
ICCA30C	Conical Abutment H 3.0 JDIcon
ICCA1725C	Conical Abutment Angulated 17° H 2.5 JDIcon
ICCA1735C	Conical Abutment Angulated 17° H 3.5 JDIcon
ICCA3025C	Conical Abutment Angulated 30° H 2.5 JDIcon
ICCA3035C	Conical Abutment Angulated 30° H 3.5 JDIcon
ICCASA	Conical Abutment Angulated Screw JDIcon
EVCAPS	Prosthetic Screw Conical Abutment JDEvolution
EVCAPSA	Prosthetic Screw Angulated for Conical Abutment JDEvolution
EVCAICOTEC	Conical Abutment Impression Coping Open Tray Engaging JDEvolution
EVCAICOTC	Conical Abutment Impression Coping Open Tray JDEvolution
EVCAICOTLC	Conical Abutment Impression Coping Open Tray Long JDEvolution
EVCAICOT02	Screw for Conical Abutment Impression Coping Open Tray JDEvolution
EVCAICOT04	Screw for Conical Abutment Impression Coping Open Tray Long JDEvolution
EVCAICCTC	Conical Abutment Impression Coping Closed Tray
EVCAHC	Conical Abutment Healing Cap JDEvolution
EVCAHCL	Conical Abutment Healing Cap H 6.0 JDEvolution
EVCAHC9	Conical Abutment Healing Cap H 9.0 JDEvolution
EVCAHCB	Conical Abutment Healing Cap Peek JDEvolution
EVCAGPAEC	GP Abutment Engaging for Conical Abutment JDEvolution
EVCAGPANEC	GP Abutment Non Engaging for Conical Abutment JDEvolution
EVCATANEWSC	Temporary Abutment Non Engaging Conical Abutment JDEvolution
EVCATANEC	Temporary Abutment Non Engaging Conical Abutment JDEvolution
EVCATANEWC	Temporary Abutment Non Engaging Conical Abutment Smooth for Welding JDEvolution
EVCAWANEC	Wax-Up Abutment Non Engaging for Conical Abutment
EVCAAR	Conical Abutment Replica

Torque recommended 30 Ncm

Torque recommended 30 Ncm

Torque recommended 30 Ncm

Torque recommended 15 Ncm



Torque recommended 15 Ncm

Torque recommended 15 Ncm

TiBase, JDScanBoby and Implant Replica CAD CAM:

ICSBCEC	ScanBody Engaging JDIcon
EVCASBCEC	ScanBody Conical Abutment JDEvolution
EVCASBCEEC	ScanBody Engaging Conical Abutment JDEvolution Plus
EVCASBCESC:	On Top ScanBody Conical Abutment JDEvolution Plus*
ICTIBC	TiBase Engaging Ø4.5 H 0.5 C 4.7 JDIcon
ICTIBNEC	TiBase Non Engaging Ø4.5 H 0.5 C 4.7 JDIcon
ICTIB15C	TiBase engaging Ø4.5 H 1.5 C 4.7 JDIcon
ICTIB15NEC	TiBase non engaging Ø4.5 H 1.5 C 4.7 JDIcon
ICTIB30C	TiBase engaging Ø4.5 H 3.0 C 4.7 JDIcon
ICTIB30NEC	TiBase non engaging Ø4.5 H 3.0 C 4.7 JDIcon
EVCAITEC	Interface CAD CAM for Conical Abutment Engaging JDEvolution (H 7,5)
EVA139C	TiBase Engaging for Conical Abutment (H 5.0)
EVCAITC	Interface CAD CAM for Conical Abutment Non Engaging JDEvolution (H 7,3)
EVCATIBC	TiBase for Conical Abutment JDEvolution (H 5,0)
EVS110	Prosthetic Screw Conical Abutment Direct
EVS111	Prosthetic Screw Conical Abutment Direct Long
EVS112	Prosthetic Screw for Angulated Channel Conical Abutment Direct
ICANCN	Implant Replica CAD CAM New JDIcon
EVCAARCN	Conical Abutment Replica CAD CAM New
ICPMNC	Pre-milled Abutment Blank JDIcon

*Use JDEvolution Plus screwdriver for screwing

Torque recommended 30 Ncm

Torque recommended 15 Ncm

Torque recommended 15 Ncm

Torque recommended 30 Ncm

Interfaces:

ICINTEC	Interface Engaging JDIcon
ICINTNEC	Interface Non Engaging JDIcon

Ball Abutment:

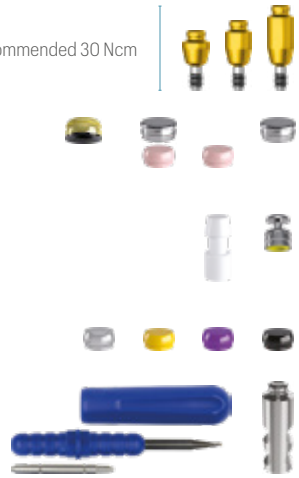
ICBA15	Ball Abutment H 1.5 JDIcon
ICBA30	Ball Abutment H 3.0 JDIcon
ICBA50	Ball Abutment H 5.0 JDIcon
EVBAA	Ball Abutment Replica
EVBAHC	Ball Abutment Elastic Retention Cap w/ Container
EVBAN	Ball Abutment Retention Cap

Torque recommended 30 Ncm

Emi Abutment:

ICEMI15	Emi Abutment H 1.5 JDIcon
ICEMI30	Emi Abutment H 3.0 JDIcon
ICEMI50	Emi Abutment H 5.0 JDIcon
EVEMISCK	Smart cap attachment Emi Abutment
EVEMIHC	Emi Abutment Elastic Retention Cap w/ Container
EVEMIN	Emi Abutment Elastic Retention Cap (1.2 kg)
EVEMIH	Emi Abutment Container
EVEMIIC	Emi Abutment Plastic Impression Coping
EVEMIICS	Emi Abutment Steel Impression Coping
EVEMINT	Emi Abutment White Retention Cap (1.8 kg)
EVEMINY	Emi Abutment Yellow Retention Cap (0.6 kg)
EVEMINP	Emi Abutment Purple Retention Cap (2.5 kg)
EVEMINB	Emi Abutment Retention Cap for Laboratory
EVEMIEIT	Extractor-insertion Tool For Caps
EVEMIA	Emi Abutment Replica

Torque recommended 30 Ncm



Implant Replica:

ICAN	Implant Replica JDIcon

Implant and Prosthetic Drivers:

ICID	Implant Driver JDIcon
ICIDL	Implant Driver Long JDIcon
EVSDPF15	Prosthetic Driver for JDTorque L 15
EVSDPF20	Prosthetic Driver for JDTorque L 20
EVSDPF25	Prosthetic Driver for JDTorque L 25
EVSDPF35	Prosthetic Driver for JDTorque L 35
EVSDPF60	Prosthetic Driver for JDTorque L 60
EVSDCAF	Conical Abutment Driver for JDTorque
EVSDP20	Prosthetic Driver L 20
EVSDP25	Prosthetic Driver L 25
EVSDP30	Prosthetic Driver L 30
JDPD103	Prosthetic Driver for Surgical Driver
EVSDCA	Conical Abutment Driver
EVSDPF25A	Angulated Screw Driver for JDTorque L 25
EVSDPF30A	Angulated Screw Driver for JDTorque L 30
EVSDPF25AV	Angulated Screw Driver for Conical Abutment Direct JDTorque L 25
EVSDPF30AV	Angulated Screw Driver for Conical Abutment Direct JDTorque L 30
EVSUD	Surgical Driver JDEvolution
JDG	JDGuide
ICGMC	Implant Mounter for JDIcon

Direction inticators:

JDDI	Direction Indicator
JDDIS	Direction Indicator Short
JDDI17	Direction Indicator 17°
JDDI30	Direction Indicator 30°
JDDI45	Direction Indicator 45°

DRILLING PROTOCOLS

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

Site preparation in maxilla

IMPLANT DIAMETER	HEALED BONE		POST EXTRACTIVE BONE			
	SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE		
Ø 3,9	2,0 2,4 2,8 up to the 1st laser mark L6mm	2,0 2,4 2,8 3,2 up to the 1st laser mark L6mm	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 1st 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	short Ø 4,3 L 6	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 1st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 up to the 1st 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 1st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 at the entrance up to the 1st laser mark L 6mm	short Ø 5,0 L 6	Start the osteotomy with standard twist drill Ø 2.0mm and Ø 2.4mm Complete with the Ø 4mm L 6mm drill code JDDICS4D

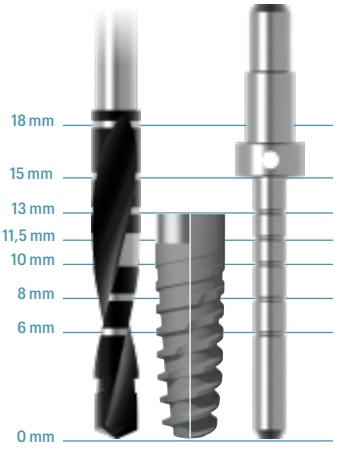
Short Implant L 6mm
JDIcon insertion in maxilla

Site preparation in mandible

IMPLANT DIAMETER	HEALED BONE		POST EXTRACTIVE BONE			
	SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE		
Ø 3,9	2,0 2,4 2,8 3,2 up to the 2nd laser mark L 8mm 3,6 up to the 1st laser mark L 6mm	2,0 2,4 2,8 3,2 3,6 up to the 1st 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 2nd laser mark L 8mm 4,0 up to the 2nd laser mark L 8mm	2,0 2,4 2,8 3,2 3,6 4,0 up to the 2nd laser mark L8mm 4,4 up to the 1st 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	short Ø 4,3 L 6	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 2nd 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	short Ø 5,0 L 6	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

Short Implant L 6mm JDIcon insertion in mandible

Note: All measurements in mm



REV.22 of 2024-05-07