

GRUPO CONECTORES DENTALES

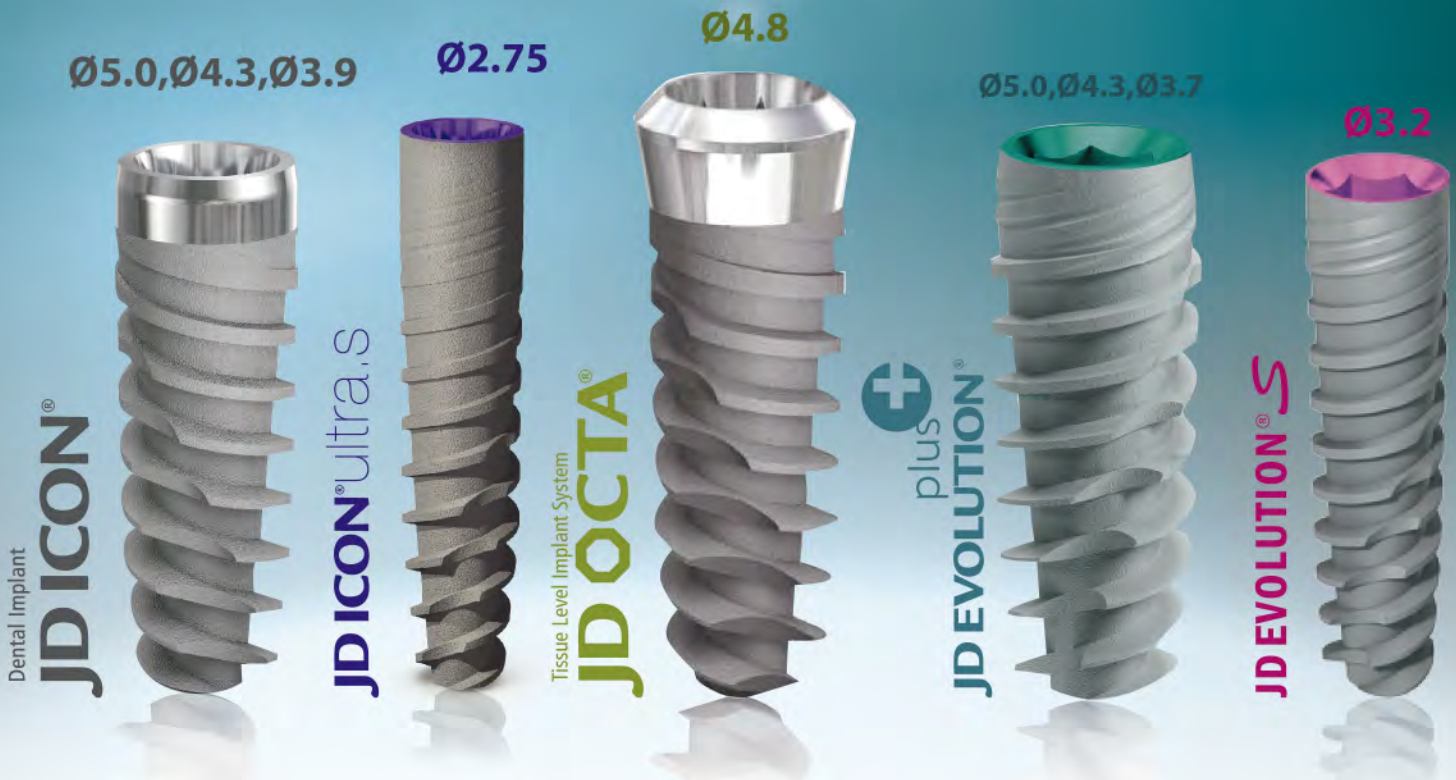
BIOTECNOLOGÍA E INNOVACIÓN



JDENTAL CARE

just smile

COMPENDIO



 Conectores Dentales

 (222) 409 97 70 / 71 / 72

www.conectoresdentales.com.mx

ventas@conectoresdentales.com

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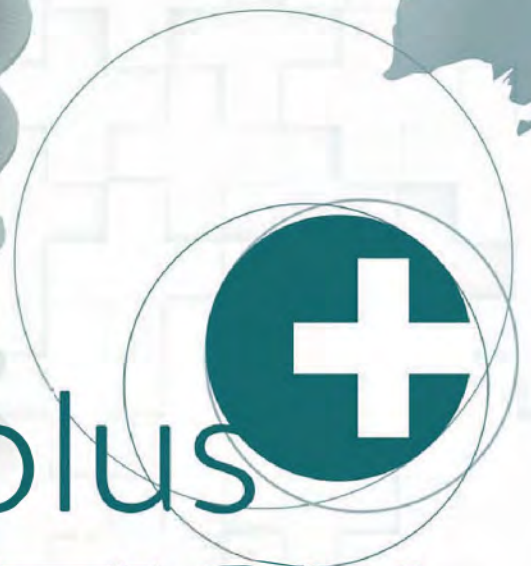


JDENTAL CARE

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MADE IN ITALY



plus

Dental Implant

JD EVOLUTION

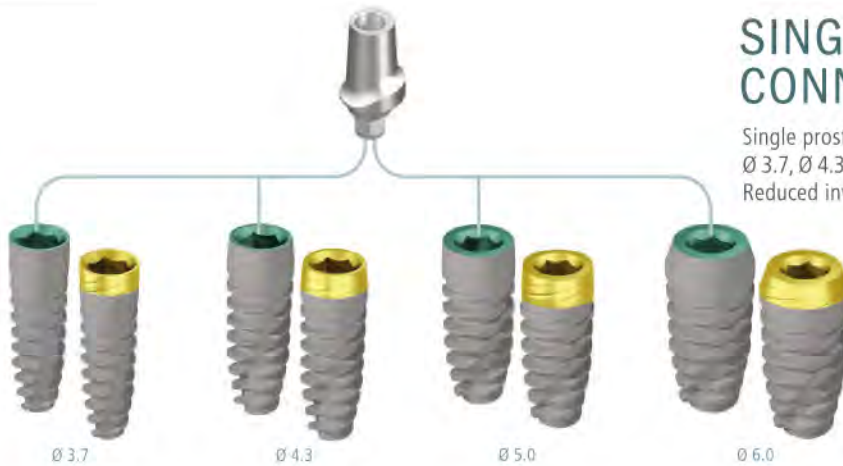
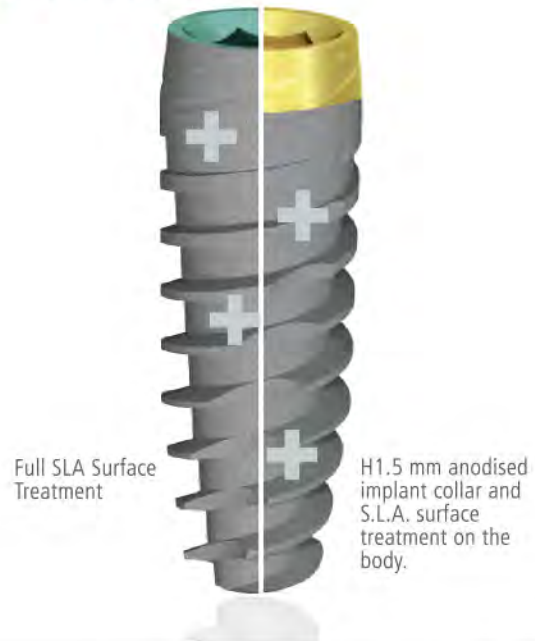
JD EVOLUTION PLUS+



SIMPLE INSERTION, NATURAL STABILITY.

FEATURES & ADVANTAGES

- Internal hex connection with lead-in bevel
- Anatomic coronal collar
- Expanding tapered inner body
- Self-cutting capacity in both directions
- Apical cutting blades
- The Connection is universally recognized by all the main CAD CAM platforms' libraries
- Reduces stress concentration on the crestal bone and maximizes bone volume around the implant neck for stable hard and soft tissue
- Makes it possible to achieve high primary stability with low torque and in compromised bone situations



SINGLE PROSTHETIC CONNECTION.

Single prosthetic connection for all diameters, Ø 3.7, Ø 4.3, Ø 5.0, Ø 6.0.
Reduced inventory and enhanced working flexibility.

PRODUCT SPECIFICATIONS.

The JDEVOLUTION PLUS+ dental implant is available in the diameters and lengths shown in this chart:

IMPLANT DIAMETER	TIP DIAMETER	ABUTMENT INTERFACE	PLATFORM DIAMETER	LENGTH						
				8	10	11.5	13	15	18	
Ø 3,7	2.4	3.4	3.7							
Ø 4,3	2.8	3.4	4.0	6	8	10	11.5	13	15	18
Ø 5,0	3.2	3.4	4.8	6	8	10	11.5	13	15	18
Ø 6,0	4.8	3.4	5.0	6	8	10	11.5	13	15	



PRODUCT CATALOGUE

Implants:

Ø 3,7

EV37080:	JDEvolution Plus+ Ø 3.7 L 8
EV37100:	JDEvolution Plus+ Ø 3.7 L 10
EV37115:	JDEvolution Plus+ Ø 3.7 L 11.5
EV37130:	JDEvolution Plus+ Ø 3.7 L 13
EV37150:	JDEvolution Plus+ Ø 3.7 L 15
EV37180:	JDEvolution Plus+ Ø 3.7 L 18



Ø 4,3

EV43060:	JDEvolution Plus+ Ø 4.3 L 6
EV43080:	JDEvolution Plus+ Ø 4.3 L 8
EV43100:	JDEvolution Plus+ Ø 4.3 L 10
EV43115:	JDEvolution Plus+ Ø 4.3 L 11.5
EV43130:	JDEvolution Plus+ Ø 4.3 L 13
EV43150:	JDEvolution Plus+ Ø 4.3 L 15
EV43180:	JDEvolution Plus+ Ø 4.3 L 18



Ø 5,0

EV50060:	JDEvolution Plus+ Ø 5.0 L 6
EV50080:	JDEvolution Plus+ Ø 5.0 L 8
EV50100:	JDEvolution Plus+ Ø 5.0 L 10
EV50115:	JDEvolution Plus+ Ø 5.0 L 11.5
EV50130:	JDEvolution Plus+ Ø 5.0 L 13
EV50150:	JDEvolution Plus+ Ø 5.0 L 15
EV50180:	JDEvolution Plus+ Ø 5.0 L 18



Ø 6,0

EV60060:	JDEvolution Plus+ Ø 6.0 L 6
EV60080:	JDEvolution Plus+ Ø 6.0 L 8
EV60100:	JDEvolution Plus+ Ø 6.0 L 10
EV60115:	JDEvolution Plus+ Ø 6.0 L 11.5
EV60130:	JDEvolution Plus+ Ø 6.0 L 13
EV60150:	JDEvolution Plus+ Ø 6.0 L 15



Anodised Implant Collar

Ø 3,7

EVA37080:	JDEvolution Plus+ Anodized Collar Ø 3.7 L 8
EVA37100:	JDEvolution Plus+ Anodized Collar Ø 3.7 L 10
EVA37115:	JDEvolution Plus+ Anodized Collar Ø 3.7 L 11.5
EVA37130:	JDEvolution Plus+ Anodized Collar Ø 3.7 L 13
EVA37150:	JDEvolution Plus+ Anodized Collar Ø 3.7 L 15
EVA37180:	JDEvolution Plus+ Anodized Collar Ø 3.7 L 18



Ø 4,3

EVA43060:	JDEvolution Plus+ Anodized Collar Ø 4.3 L 6
EVA43080:	JDEvolution Plus+ Anodized Collar Ø 4.3 L 8
EVA43100:	JDEvolution Plus+ Anodized Collar Ø 4.3 L 10
EVA43115:	JDEvolution Plus+ Anodized Collar Ø 4.3 L 11.5
EVA43130:	JDEvolution Plus+ Anodized Collar Ø 4.3 L 13
EVA43150:	JDEvolution Plus+ Anodized Collar Ø 4.3 L 15
EVA43180:	JDEvolution Plus+ Anodized Collar Ø 4.3 L 18



Ø 5,0

EVA50060:	JDEvolution Plus+ Anodized Collar Ø 5.0 L 6
EVA50080:	JDEvolution Plus+ Anodized Collar Ø 5.0 L 8
EVA50100:	JDEvolution Plus+ Anodized Collar Ø 5.0 L 10
EVA50115:	JDEvolution Plus+ Anodized Collar Ø 5.0 L 11.5
EVA50130:	JDEvolution Plus+ Anodized Collar Ø 5.0 L 13
EVA50150:	JDEvolution Plus+ Anodized Collar Ø 5.0 L 15
EVA50180:	JDEvolution Plus+ Anodized Collar Ø 5.0 L 18



Ø 6,0

EVA60060:	JDEvolution Plus+ Anodized Collar Ø 6.0 L 6
EVA60080:	JDEvolution Plus+ Anodized Collar Ø 6.0 L 8
EVA60110:	JDEvolution Plus+ Anodized Collar Ø 6.0 L 10
EVA60115:	JDEvolution Plus+ Anodized Collar Ø 6.0 L 11.5
EVA60130:	JDEvolution Plus+ Anodized Collar Ø 6.0 L 13
EVA60150:	JDEvolution Plus+ Anodized Collar Ø 6.0 L 15



Cover screw:

EVCS:	Cover screw JDEvolution Plus+
EVCS6:	Cover screw Ø 6.0 JDEvolution Plus+



Healing Abutment:

EVHA43:	Healing Abutment Ø 4.0 H 3.0 JDEvolution Plus+
EVHA45:	Healing Abutment Ø 4.0 H 5.0 JDEvolution Plus+
EVHA47:	Healing Abutment Ø 4.0 H 7.0 JDEvolution Plus+
EVHA53:	Healing Abutment Ø 5.0 H 3.0 JDEvolution Plus+
EVHA55:	Healing Abutment Ø 5.0 H 5.0 JDEvolution Plus+
EVHA57:	Healing Abutment Ø 5.0 H 7.0 JDEvolution Plus+
EVHA59:	Healing Abutment Ø 5.0 H 9.0 JDEvolution Plus+
EVHA63:	Healing Abutment Ø 6.0 H 3.0 JDEvolution Plus+
EVHA65:	Healing Abutment Ø 6.0 H 5.0 JDEvolution Plus+
EVHA67:	Healing Abutment Ø 6.0 H 7.0 JDEvolution Plus+
EVHA753:	Healing Abutment Ø 7.5 H 3.0 JDEvolution Plus+
EVHA755:	Healing Abutment Ø 7.5 H 5.0 JDEvolution Plus+
EVHA54TS:	Tissue Lovers Healing Abutment Ø 5.0 H 4.0 JDEvolution Plus+
EVHA56TS:	Tissue Lovers Healing Abutment Ø 5.0 H 6.0 JDEvolution Plus+



Impression copings:

OPEN TRAY

EVICOT4C:	Impression coping open tray Ø 4.0 JDEvolution Plus+
EVICOT5C:	Impression coping open tray Ø 5.0 JDEvolution Plus+
EVICOT6C:	Impression coping open tray Ø 6.0 JDEvolution Plus+
EVICOTNEC:	Impression coping open tray non engaging JDEvolution Plus+
EVICOT5TSC:	Tissue Lovers Impression coping open tray Ø 5.0 JDEvolution Plus+



CLOSED TRAY

EVICCT4C:	Impression coping closed tray Ø 4.0 JDEvolution Plus+
EVICCT5C:	Impression coping closed tray Ø 5.0 JDEvolution Plus+
EVICCT6C:	Impression coping closed tray Ø 6.0 JDEvolution Plus+
EVICCT1C:	Impression coping closed tray direct press fit JDEvolution Plus+



Temporary Abutment:

EVTAE C:	Temporary Abutment engaging JDEvolution Plus+
EVTANE C:	Temporary Abutment non engaging JDEvolution Plus+
EVTAE TSC:	Tissue Lovers Temporary Abutment engaging JDEvolution Plus+
EVTANE TSC:	Tissue Lovers Temporary Abutment non engaging JDEvolution Plus+



Straight Abutment:

EVNSA4520C:	Straight Abutment Ø 4.5 H 2.0 JDEvolution Plus+
EVNSA4540C:	Straight Abutment Ø 4.5 H 4.0 JDEvolution Plus+
EVNSA5020C:	Straight Abutment Ø 5.0 H 2.0 JDEvolution Plus+
EVNSA5040C:	Straight Abutment Ø 5.0 H 4.0 JDEvolution Plus+
EVNSA6020C:	Straight Abutment Ø 6.0 H 2.0 JDEvolution Plus+
EVNSA6040C:	Straight Abutment Ø 6.0 H 4.0 JDEvolution Plus+
EVNSA5020TSC:	Tissue Lovers Straight Abutment Ø 5.0 H 2.0 JDEvolution Plus+
EVNSA5040TSC:	Tissue Lovers Straight Abutment Ø 5.0 H 4.0 JDEvolution Plus+



GP Abutment:

EVGPA40EC:	Gp Abutment engaging Ø 4.0 JDEvolution Plus+
EVGPA40NEC:	Gp Abutment non engaging Ø 4.0 JDEvolution Plus+
EVGPAEC:	Gp Abutment engaging Ø 5.0 JDEvolution Plus+
EVGPA50NEC:	Gp Abutment non engaging Ø 5.0 JDEvolution Plus+
EVGPA60EC:	Gp Abutment engaging Ø 6.0 JDEvolution Plus+



Angulated Abutment:

EV15A15:	15° Angulated Anatomic Abutment Ø 5.0 H 1.5 JDEvolution Plus+
EV15A15N:	15° Angulated Anatomic Abutment Small Ø 4.5 H 1.5 JDEvolution Plus+
EV15A30:	15° Angulated Anatomic Abutment Ø 5.0 H 3.0 JDEvolution Plus+
EV15A30N:	15° Angulated Anatomic Abutment Small Ø 4.5 H 3.0 JDEvolution Plus+
EV25A15:	25° Angulated Anatomic Abutment Ø 5.0 H 1.5 JDEvolution Plus+
EV25A30:	25° Angulated Anatomic Abutment Ø 5.0 H 3.0 JDEvolution Plus+



Rapid Abutment:

EVRA15C:	Rapid Abutment H 1.5 JDEvolution Plus+
EVRA30C:	Rapid Abutment H 3.0 JDEvolution Plus+
EVRAHC	Healing cap Rapid Abutment JDEvolution Plus+
EVRAIC	Coping Rapid abutment JDEvolution Plus+
EVRAAR	Abutment replica rapid abutment

Torque recommended 30 Ncm



Wax up Abutment:

EVWAEC:	Wax-up Abutment engaging JDEvolution Plus+
EVWANEC:	Wax-up Abutment non engaging JDEvolution Plus+

Torque recommended 30 Ncm



Cobalt-Chrome Abutment:

EVCCEC:	Cobalt-Chrome Abutment engaging JDEvolution Plus+
EVCNCEC:	Cobalt-Chrome Abutment non engaging JDEvolution Plus+

Torque recommended 30 Ncm



Gold Abutment:

EVGAEC:	Gold Abutment engaging JDEvolution Plus+
EVGANEC:	Gold Abutment non engaging JDEvolution Plus+

Torque recommended 30 Ncm



Conical Abutment:

EVNCA15C:	Straight Conical Abutment H 1.5 JDEvolution Plus+
EVNCA30C:	Straight Conical Abutment H 3.0 JDEvolution Plus+
EVNCA70C:	Straight Conical Abutment H 7.0 JDEvolution Plus+
EVNCA90C:	Straight Conical Abutment H 9.0 JDEvolution Plus+
EVNCA15TSC:	Tissue Lovers Straight Conical Abutment H 1.5 JDEvolution Plus+
EVNCA30TSC:	Tissue Lovers Straight Conical Abutment H 3.0 JDEvolution Plus+
EVNCA40TSC:	Tissue Lovers Straight Conical Abutment H 4.0 JDEvolution Plus+
EVNCA50TSC:	Tissue Lovers Straight Conical Abutment H 5.0 JDEvolution Plus+
EVCA1725C:	17° angulated Conical Abutment H 2.5 JDEvolution Plus+
EVCA1735C:	17° angulated Conical Abutment H 3.5 JDEvolution Plus+
EVCA3025C:	30° angulated Conical Abutment H 2.5 JDEvolution Plus+
EVCA3035C:	30° angulated Conical Abutment H 3.5 JDEvolution Plus+

Torque recommended 30 Ncm



EVCAPS:	Prosthetic screw Conical Abutment JDEvolution Plus+
EVCASA:	Screw for angulated Conical Abutment JDEvolution Plus+
EVCAPSA	Prosthetic screw angulated channel for Conical Abutment

Torque recommended 15 Ncm

Torque recommended 30 Ncm

Torque recommended 15 Ncm



EVCAICOTEC:	Impression coping open tray Conical Abutment engaging JDEvolution Plus+
EVCAICOTC:	Impression coping open tray Conical Abutment JDEvolution Plus+
EVCAICOTLC:	Impression coping open tray H12 Conical Abutment JDEvolution Plus+
EVCAICCTC	Impression coping closed tray Conical Abutment

EVCAHCL:	Healing cap Conical Abutment H 6.0 JDEvolution Plus+
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EVCAHC:	Healing cap Conical Abutment H 3.5 JDEvolution Plus+
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EVCAHCB:	Healing cap peek Conical Abutment H 3.5 JDEvolution Plus+
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EVCAGPAEC:	GP for Conical Abutment engaging JDEvolution Plus+
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EVCAGPANEC:	GP for Conical Abutment non engaging JDEvolution Plus+
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EVCATANEWSC:	Temporary abutment smooth for welding conical abutment JDEvolution Plus+
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Torque recommended 15 Ncm

EVCATANEC:	Temporary cylinder non engaging Conical Abutment JDEvolution Plus+
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EVCATANEWC:	Temporary cylinder non engaging Conical Abut. for welding JDEvolution Plus+
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EVCAWANEC:	Wax up cylinder Conical Abutment non engaging JDEvolution Plus+
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EVCAAR	Abutment replica Conical Abutment
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Prosthetic screw:

EVS:	Abutment Screw JDEvolution Plus+
EVSA:	Abutment screw angulated channel JDEvolution Plus+

Torque recommended 30 Ncm



Interfaces:

EVINTEC:	Interface engaging for JDEvolution Plus+
EVINTNEC:	Interface non engaging for JDEvolution Plus+
70287C:	Interface non engaging for Conical Abutment JDEvolution Plus+

Torque recommended 30 Ncm



15 Ncm

TiBase, ScanPost, JDScanBody and Implant Replica CAD CAM:

EVSBCCEC:	JDScanBody for JDEvolution Plus+
EVCASBCEC:	JDScanBody for Conical Abutment
EVSCPC:	ScanPost JDEvolution Plus+
EVTIBC:	TiBase engaging Ø4.25 H 0.5 C 4.7 JDEvolution Plus+
EVTIBNEC:	TiBase non engaging Ø4.25 H 0.5 C 4.7 JDEvolution Plus+
EVTIB15C:	TiBase engaging Ø4.25 H 1.5 C 4.7 JDEvolution Plus+
EVTIB15NEC:	TiBase non engaging Ø4.25 H 1.5 C 4.7 JDEvolution Plus+
EVTIB30C:	TiBase engaging Ø4.25 H 3.0 C 4.7 JDEvolution Plus+
EVTIB30NEC:	TiBase non engaging Ø4.25 H 3.0 C 4.7 JDEvolution Plus+
EVTIBNC:	TiBase engaging long Ø4.4 H 0.5 C 7.7 JDEvolution Plus+
EVTIBNENC:	TiBase non engaging long Ø4.4 H 0.5 C 7.7 JDEvolution Plus+
EVTIB15NC:	TiBase engaging long Ø4.4 H 1.5 C 7.7 JDEvolution Plus+
EVTIB15NENC:	TiBase non engaging long Ø4.4 H 1.5 C 7.7 JDEvolution Plus+
EVTIB30NC:	TiBase engaging long Ø4.4 H 3.0 C 7.7 JDEvolution Plus+
EVTIB30NENC:	TiBase non engaging long Ø4.4 H 3.0 C 7.7 JDEvolution Plus+
EVTIB15TSC:	Tissue Lovers TiBase engaging Ø4.25 H 1.5 C 4.7 JDEvolution Plus+
EVTIB15NETSC:	Tissue Lovers TiBase non engaging Ø4.25 H 1.5 C 4.7 JDEvolution Plus+
EVTIB30TSC:	Tissue Lovers TiBase engaging Ø4.25 H 3.0 C 4.7 JDEvolution Plus+
EVTIB30NETSC:	Tissue Lovers TiBase non engaging Ø4.25 H 3.0 C 4.7 JDEvolution Plus+
EVSCBOW	ScanBody for TiBase
EVCAITEC:	Interface CAD CAM engaging for Conical Abutment H 7.5
EVCAITC:	Interface CAD CAM for Conical Abutment H 7.5
EVCATIBC:	Interface CAD CAM for Conical Abutment H 5.0
EVANCN:	DAS* Implant Replica CAD CAM for JDEvolution Plus+
EVCAARCN:	DAS* Abutment Replica CAD CAM for Conical Abutment
EVPMNC:	JD Pre-milled blanks and abutment screw JDEvolution Plus+

*Direct Analog Screw



Torque recommended 30 Ncm

Torque recommended 15 Ncm

Note: Please contact info@jdentalcare.com for the digital library for Exocad, 3Shape and Dental Wings software.

Ball Abutment:

EVBA15:	Ball Abutment H 1.5 JDEvolution Plus+
EVBA30:	Ball Abutment H 3.0 JDEvolution Plus+
EVBA50:	Ball Abutment H 5.0 JDEvolution Plus+
EVBAA	Ball Abutment replica
EVBAHC	Cap attachment housing and elastic retentive cap Ball Abutment
EVBAN	Elastic retentive cap Ball Abutment

Torque recommended 30 Ncm



Implant replica:

EVAN:	Implant replica JDEvolution Plus+
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Emi Abutment:

EVEMI15:	Emi Abutment H 1.5 JDEvolution Plus+
EVEMI30:	Emi Abutment H 3.0 JDEvolution Plus+
EVEMI50:	Emi Abutment H 5.0 JDEvolution Plus+
EVEMISCK	Smart cap attachment housing Emi Abutment
EVEMIHC	Cap attachment housing and elastic retentive cap Emi Abutment
EVEMIN	Elastic retentive cap standard Emi Abutment - Retention 1,2 Kg
EVEMIH	Cap attachment housing Emi Abutment
EVEMIIC	Impression coping Plastic for Emi Abutment
EVEMIICS	Impression coping Steel for Emi Abutment
EVEMINT	Elastic retentive cap white Emi Abutment - Retention 1,8 Kg
EVEMINY	Elastic retentive cap yellow Emi Abutment - Retention 0,6 Kg
EVEMINP	Elastic retentive cap purple Emi Abutment - Retention 2,5 Kg
EVEMINB	Elastic retentive cap for laboratory Emi Abutment
EVEMIA	Emi Abutment analog
EVEMJET	Insertion and Extractor Tool for Caps Emi Abutment

Torque recommended 30 Ncm



Bone Mills:

JDBMNC:	Bone Mill Ø 5.0 and Bone Mill guide JDEvolution Plus+
JDBM6NC:	Bone Mill Ø 6.0 and Bone Mill guide JDEvolution Plus+
JDBMGN:	Bone Mill guide JDEvolution Plus+



Implant and prosthetic drivers:

EVID:	Implant driver JDEvolution Plus+
EVIDL:	Implant driver long JDEvolution Plus+
EVSDPF15:	Screwdriver hex 1.27 for torque wrench L15 JDEvolution Plus+
EVSDPF20:	Screwdriver hex 1.27 for torque wrench L20 JDEvolution Plus+
EVSDPF25:	Screwdriver hex 1.27 for torque wrench L25 JDEvolution Plus+
EVSDPF35:	Screwdriver hex 1.27 for torque wrench L35 JDEvolution Plus+
EVSDCAF	Screwdriver torque wrench Conical Abutment
EVSDP20:	Screwdriver hex 1.27 machine prosthetic L20 JDEvolution Plus+
EVSDP25:	Screwdriver hex 1.27 machine prosthetic L25 JDEvolution Plus+
EVSDP30:	Screwdriver hex 1.27 machine prosthetic L30 JDEvolution Plus+
EVSDCA	Screwdriver machine Conical Abutment
EVSDPF25A	Screwdriver screw angulated for torque wrench L25
EVSDPF30A	Screwdriver screw angulated for torque wrench L30
JDG	JD Guide for the full arch implant surgery
EVAMT:	Conical Abutment Aligning Instrument for JD Evolution Plus+
EVSUD	JD Surgical Driver



Direction indicator:

JDDI	Direction indicator JDEvolution Plus+
JDDIS	Short direction indicator JDEvolution Plus+
JDDI17	17° Angulated direction indicator JDEvolution Plus+
JDDI30	30° Angulated direction indicator JDEvolution Plus+
JDDI45	45° Angulated direction indicator JDEvolution Plus+



JD EVOLUTION PLUS+ DRILLING PROTOCOLS.

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

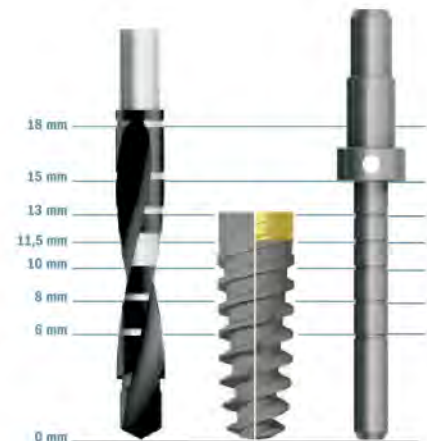
Site preparation in maxilla.

IMPLANT DIAMETER	HEALED BONE		POST EXTRACTIVE BONE	
	SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE
Ø 3,7	2.0	2.0	2.0	2.0
	2.4	2.4	2.4	2.4
	2.8	2.8	2.8 at the entrance	2.8 at the entrance
	3.2	3.2		
	up to the first laser mark L6mm	up to the first laser mark L6mm		
Ø 4,3	2.0	2.0	2.0	2.0
	2.4	2.4	2.4	2.4
	2.8	2.8	2.8	2.8
	3.2	3.2	3.2 at the entrance	3.2 at the entrance
	at the entrance	up to the first laser mark L6-8mm		
Ø 5,0	2.0	2.0	2.0	2.0
	2.4	2.4	2.4	2.4
	2.8	2.8	2.8	2.8
	3.2	3.2	3.2	3.2
	3.6	3.6	3.6	3.6
up to the first laser mark L6mm	up to the first laser mark L6mm	at the entrance	at the entrance	
Ø 6,0	2.0	2.0	2.0	2.0
	2.4	2.4	2.4	2.4
	2.8	2.8	2.8	2.8
	3.2	3.2	3.2	3.2
	3.6	3.6	3.6	3.6
	4.0	4.0	4.0	
	4.4	4.4	4.4	
	up to the first laser mark L6mm			



Site preparation in mandible.

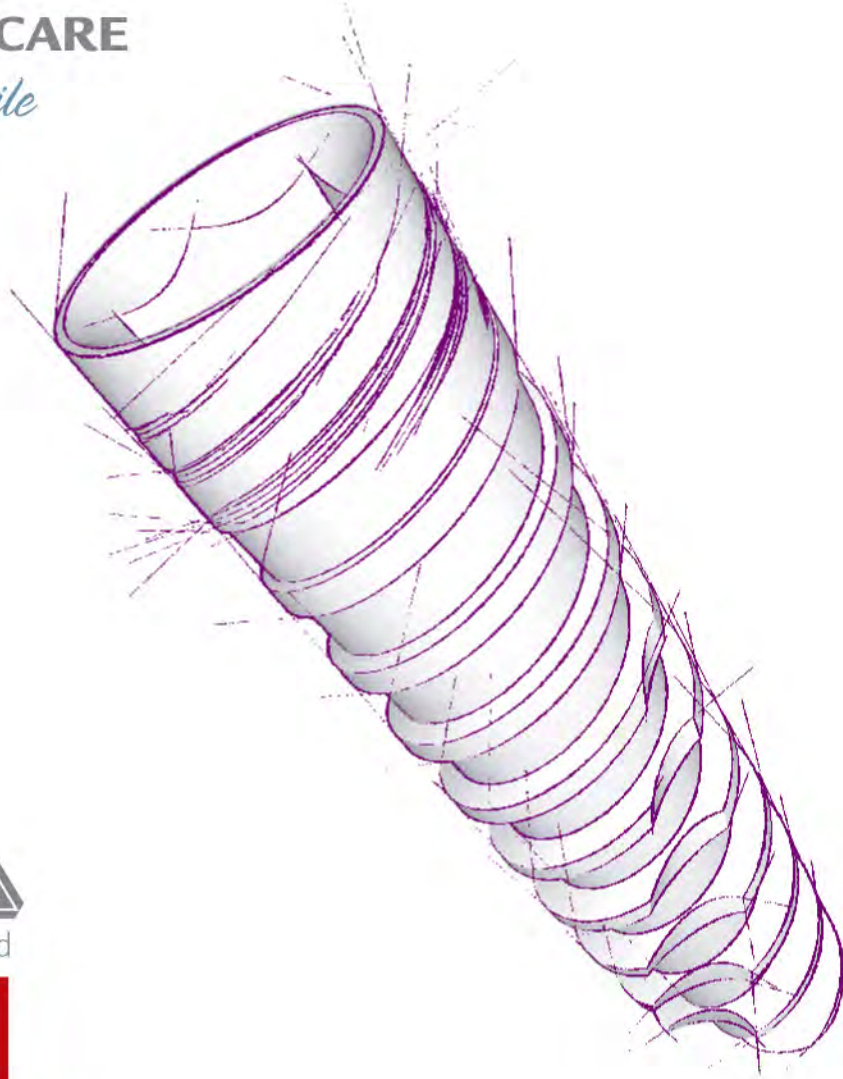
IMPLANT DIAMETER	HEALED BONE		POST EXTRACTIVE BONE	
	SOFT BONE	MEDIUM-DENSE BONE	SOFT BONE	MEDIUM-DENSE BONE
Ø 3,7	2.0	2.0	2.0	2.0
	2.4	2.4	2.4	2.4
	2.8	2.8	2.8	2.8
	3.2	3.2	3.2 at the entrance	3.2 at the entrance
	3.6	3.6		
up to the first laser mark L6mm	up to the first laser mark L6mm			
Ø 4,3	2.0	2.0	2.0	2.0
	2.4	2.4	2.4	2.4
	2.8	2.8	2.8	2.8
	3.2	3.2	3.2	3.2
	3.6	3.6	3.6 at the entrance	3.6 at the entrance
4.0	4.0			
up to the 2nd laser mark L8mm	up to the 2nd laser mark L8mm			
Ø 5,0	2.0	2.0	2.0	2.0
	2.4	2.4	2.4	2.4
	2.8	2.8	2.8	2.8
	3.2	3.2	3.2	3.2
	3.6	3.6	3.6	3.6
4.0	4.0	4.0 at the entrance	4.0 at the entrance	
4.4	4.4			
4.8	4.8			
at the entrance	at the entrance			
Ø 6,0	2.0	2.0	2.0	2.0
	2.4	2.4	2.4	2.4
	2.8	2.8	2.8	2.8
	3.2	3.2	3.2	3.2
	3.6	3.6	3.6	3.6
4.0	4.0	4.0	4.0	
4.4	4.4	4.4	4.4	
4.8	4.8	4.8	4.8	
for the first 8mm	for the first 8mm			



Note: All dimensions are expressed in millimetres.



JDENTAL CARE
just smile



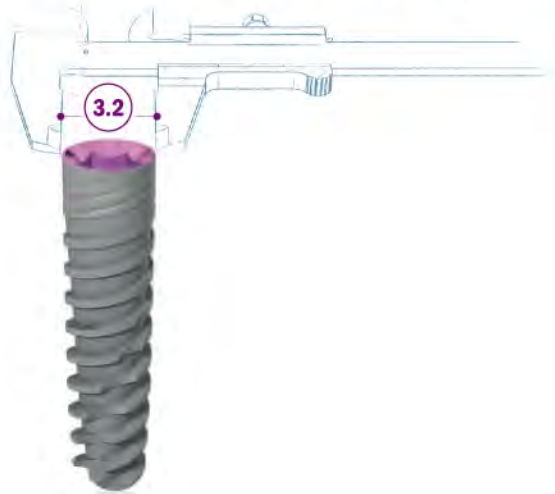
MADE IN ITALY

Dental Implant

JD EVOLUTION S

JD EVOLUTION S

SAFE AS ALWAYS, THINNER THAN EVER

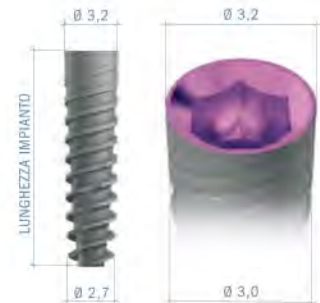


ADVANTAGES

- High primary stability, even in type 4 bone.
- Self drilling and self cutting.
- Redirecting capability for optimal placement.
- Immediate function capability.
- Built-in Platform switching.
- Solves tight spacing problems.
- Designed specifically for narrow spaces in the esthetic zone.

IMPLANT MEASURES AND LENGTHS

The JDEvolution S dental implant is available in the lengths shown in the following chart:



DRILLING SEQUENCE

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

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)

Note: All dimensions are expressed in millimeters.

PRODUCT CATALOGUE

Implants:

Ø 3,2

EV32 080	JDEvolution S Ø 3.2 L 8
EV32100	JDEvolution S Ø 3.2 L 10
EV32115	JDEvolution S Ø 3.2 L 11,5
EV32130	JDEvolution S Ø 3.2 L 13
EV32150	JDEvolution S Ø 3.2 L 15



Cover screw:

ESCS	Cover screw JDEvolution S
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Healing Abutment:

ESHA323	Healing Abutment Ø 3.2 H 3.0 JDEvolution S
ESHA325	Healing Abutment Ø 3.2 H 5.0 JDEvolution S
ESHA327	Healing Abutment Ø 3.2 H 7.0 JDEvolution S
ESHA403	Healing Abutment Ø 4.0 H 3.0 JDEvolution S
ESHA405	Healing Abutment Ø 4.0 H 5.0 JDEvolution S
ESHA407	Healing Abutment Ø 4.0 H 7.0 JDEvolution S



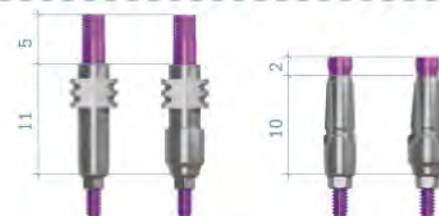
Impression coping:

OPEN TRAY

ESICOT32C	Impression coping open tray Ø 3.2 JDEvolution S
ESICOT40C	Impression coping open tray Ø 4.0 JDEvolution S

CLOSED TRAY

ESICCT32C	Impression coping closed tray Ø 3.2 JDEvolution S
ESICCT40C	Impression coping closed tray Ø 4.0 JDEvolution S



Temporary Abutment:

ESTAEC	Temporary Abutment engaging JDEvolution S
ESTANEC	Temporary Abutment non engaging JDEvolution S



Immediate Temporary Abutment:

ESIT15C	Immediate Temporary Abutment h1.5 JDEvolution S
EVITC	Healing cap



GP Abutment:

ESGPAE32C	GP Abutment Ø 3.2 JDEvolution S
ESGPAE40C	GP Abutment Ø 4.0 JDEvolution S
ES15GPAE40C	GP Abutment 15° Ø 4.0 JDEvolution S

Torque recommended 30 Ncm



:

Anatomic Abutment:

ESAA15C	Anatomic Abutment Ø 4.0 H 1.5 JDEvolution S
ESAA30C	Anatomic Abutment Ø 4.0 H 3.0 JDEvolution S

Torque recommended 30 Ncm



Wax up Abutment:

ESWAEC	Wax-up Abutment engaging JDEvolution S
ESWANEC	Wax-up Abutment non engaging JDEvolution S

Torque recommended 30 Ncm



Prosthetic screw:

ESS	Abutment Screw JDEvolution S
ESSA	Abutment Screw Angulated JDEvolution S

Torque recommended 30 Ncm



Conical Abutment:

ESCA15C	Straight Conical Abutment H 1.5 JDEvolution S
ESCA30C	Straight Conical Abutment H 3.0 JDEvolution S
ESCA1725C	17° Angulated Conical Abutment H2.5 JDEvolution S
ESCA1735C	17° Angulated Conical Abutment H3.5 JDEvolution S
ESCA3025C	30° Angulated Conical Abutment H2.5 JDEvolution S
ESCA3035C	30° Angulated Conical Abutment H3.5 JDEvolution S
ESCASA	Screw for angulated Conical Abutment JDEvolution S



Torque recommended 30 Ncm

EVCAPS	Prosthetic screw Conical Abutment	Torque recommended 15 Ncm
EVCASA	Screw for angulated Conical Abutment JDEvolution	Torque recommended 30 Ncm
EVCAPSA	Prosthetic screw angulated for Conical Abutment	Torque recommended 15 Ncm
EVCAICØEC	Impression coping open tray Conical Abutment engaging JDEvolution	
EVCAICØC	Impression coping open tray Conical Abutment JDEvolution	
EVCAICØLC	Impression coping open tray H12 Conical Abutment JDEvolution	
EVCAICCTC	Impression coping closed tray Conical Abutment	
EVCAHCL	Healing cap Conical Abutment H 6.0	
EVCAHC	Healing cap Conical Abutment H 3.5	
EVCAHCB	Healing cap peek Conical Abutment H 3.5	
EVCAGPAEC	GP for Conical Abutment engaging	
EVCAGPANEC	GP for Conical Abutment non engaging	
EVCATANEWSC	Temporary abutment smooth for welding conical abutment JDEvolution	
EVCATANECS	Temporary cylinder non engaging Conical Abutment	Torque recommended 15 Ncm
EVCATANEWC	Temporary cylinder non engaging Conical Abutment for welding	
EVCAWANEC	Wax up cylinder Conical Abutment non engaging	
EVCAAR	Abutment replica Conical Abutment	

Torque recommended 15 Ncm
 Torque recommended 30 Ncm
 Torque recommended 15 Ncm



TiBase, JDScanBody and Implant Replica CAD CAM:

ESSBCEC	JDScanBody for JDEvolution S
ESTIBC	TiBase engaging Ø4.25 H 0.5 C 4.7 JDEvolution S
ESTIBNEC	TiBase non engaging Ø4.25 H 0.5 C 4.7 JDEvolution S
ESTIB15C	TiBase engaging Ø4.25 H 1.5 C 4.7 JDEvolution S
ESTIB15NEC	TiBase non engaging Ø4.25 H 1.5 C 4.7 JDEvolution S
ESTIB30C	TiBase engaging Ø4.25 H 3.0 C 4.7 JDEvolution S
ESTIB30NEC	TiBase non engaging Ø4.25 H 3.0 C 4.7 JDEvolution S
ESTIBNC	TiBase engaging long Ø 3.5 H 0.5 C 7.7 JDEvolution S
ESTIBNENC	TiBase non engaging long Ø 3.5 H 0.5 C 7.7 JDEvolution S
ESTIB15NC	TiBase engaging long Ø 3.5 H 1.5 C 7.7 JDEvolution S
ESTIB15NENC	TiBase non engaging long Ø 3.5 H 1.5 C 7.7 JDEvolution S
ESTIB30NC	TiBase engaging long Ø 3.5 H 3.0 C 7.7 JDEvolution S
ESTIB30NENC	TiBase non engaging long Ø 3.5 H 3.0 C 7.7 JDEvolution S
EVSCBOW	ScanBody for TiBase
ESANCN	DAS* Implant replica CAD CAM for JDEvolution S
ESPMNC	JD Pre-milled blanks and abutment screw JDEvolution S

*Direct Analog Screw



Implant replica:

ESAN	Implant replica JDEvolution S
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Ball Abutment:

ESBA15	Ball Abutment H 1.5 JDEvolution S
ESBA30	Ball Abutment H 3.0 JDEvolution S
ESBA50	Ball Abutment H 5.0 JDEvolution S
EVBAA	Ball Abutment replica JDEvolution S
EVBAHC	Cap attachment housing and elastic retentive cap Ball Abutment
EVBAN	Elastic retentive cap Ball Abutment



Emi Abutment:

ESEMI15	Emi Abutment H 1.5 JDEvolution S
ESEMI30	Emi Abutment H 3.0 JDEvolution S
ESEMI50	Emi Abutment H 5.0 JDEvolution S
EVEMIA	Emi Abutment replica JDEvolution S
EVEMISCK	Smart cap attachment housing Emi Abutment
EVEMIHCC	Cap attachment housing and elastic retentive cap Emi Abutment
EVEMIN	Elastic retentive cap Emi Abutment - Retention 1,2 Kg
EVEMIH	Cap attachment housing Emi Abutment
EVEMIIC	Impression coping Plastic for Emi Abutment
EVEMIIICS	Impression coping Steel for Emi Abutment
EVEMINT	Elastic retentive cap white Emi Abutment - Retention 1,8 Kg
EVEMINY	Elastic retentive cap yellow Emi Abutment - Retention 0,6 Kg
EVEMINP	Elastic retentive cap purple Emi Abutment - Retention 2,5 Kg
EVEMINB	Elastic retentive cap for laboratory Emi Abutment
EVEMIA	Emi Abutment analog
EVEMIET	Insertion and Extractor Tool for Caps Emi Abutment

Torque recommended 30 Ncm



Implant and Prosthetic Drivers

ESID	Implant Driver JDEvolution S
ESIDL	Implant Driver Long JDEvolution S
EVSDPF15	Screwdriver hex 1.20 prosthetic for torque wrench L15 JDEvolution
EVSDPF20	Screwdriver hex 1.20 prosthetic for torque wrench L20 JDEvolution
EVSDPF25	Screwdriver hex 1.20 prosthetic for torque wrench L25 JDEvolution
EVSDPF35	Screwdriver hex 1.20 prosthetic for torque wrench L35 JDEvolution
EVSDCAF	Screwdriver torque wrench Conical Abutment
EVSDP20	Screwdriver hex 1.20 machine prosthetic L20 JDEvolution
EVSDP25	Screwdriver hex 1.20 machine prosthetic L25 JDEvolution
EVSDP30	Screwdriver hex 1.20 machine prosthetic L30 JDEvolution
EVSDCA	Screwdriver machine Conical Abutment
EVSDPF25A	Screwdriver screw angulated for torque wrench L25
EVSDPF30A	Screwdriver screw angulated for torque wrench L30



Bone Mills:

JDBMNNC	Bone Mill Ø 5.0 and Bone Mill guide
JDBM6NC	Bone Mill Ø 6.0 and Bone Mill guide
JDBM3	Bone Mill guide JDEvolution



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Rev. 17 08/09/21



JDENTALCARE
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Ø 2.75

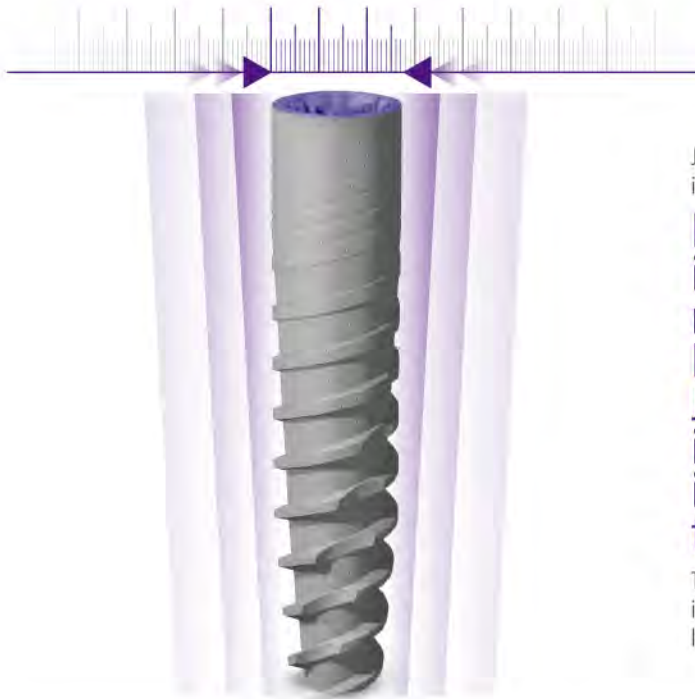


Dental Implant
JDICON[®]Ultra.S

Smaller and Stronger.

SMALLER AND STRONGER

Ø 2.75



JDIcon Ultra S is a two-piece implant with 2.75mm diameter and internal conical connection.

It is the smallest implant with internal connection ever manufactured.

Despite its small diameter JDIcon Ultra.S provides a high implant strength due to its innovative fixture design and its tight conical connection.

The results of fatigue strength tests conducted on JDIcon Ultra S implant indicate that it is even stronger than implants with larger diameter. (see table below)

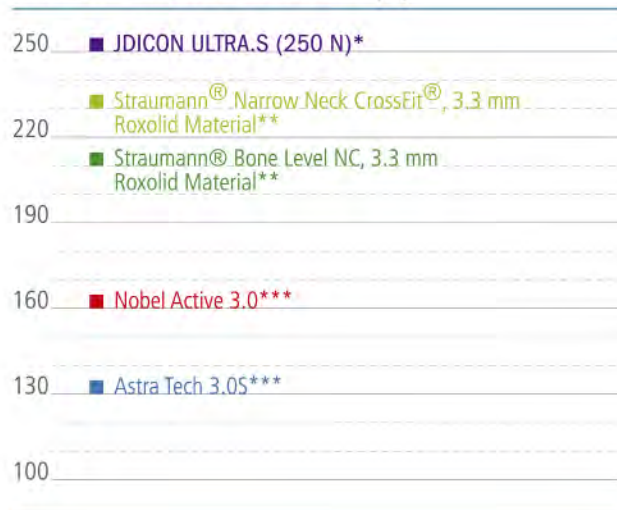
IMPLANT CONCEPT AND STRENGTH TESTS

JDIcon Ultra.S is ideal for areas with limited spaces, such as missing lateral incisors.

It is intended for use for single-tooth restoration and in implant fixed partial dentures (implant bridges) in incisors and canine areas.

In the premolar area, it is intended for use in implant fixed partial dentures (implant bridges) in patients with no parafunctional habits. In case of narrow ridge dimensions, a simplified surgical protocol in combination with the conservative dimensions of this dental implant facilitate the resolution of dental implant cases which would have otherwise required the use of bone augmentation and higher treatment costs.

MAXIMUM FATIGUE STRENGTH (N)



Fatigue strength is the maximum force an implant / abutment structure can survive for at least five million cycles. JDIcon Ultra.S has been tested according to ISO 14801 that is accepted by many regulatory agencies including FDA and Notified Bodies (CE).

*All tests on JDIcon Ultra S were conducted by Politecnico di Milano University.



POLITECNICO DI MILANO

** Values declared by Straumann

*** Values declared by Nobel Biocare

IMPLANT MEASURES AND LENGTHS

The JDICON®ULTRA.S dental implant is available in the lengths shown in this chart:

IMPLANT DIAMETER	TIP DIAMETER	ABUTMENT INTERFACE	PLATFORM DIAMETER	LENGTH
∅ 2,75	∅ 2,0	∅ 2,3	∅ 2,75	8 10 11,5 13 15



Note: All dimensions are expressed in millimeters.

DRILLING SEQUENCE

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

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

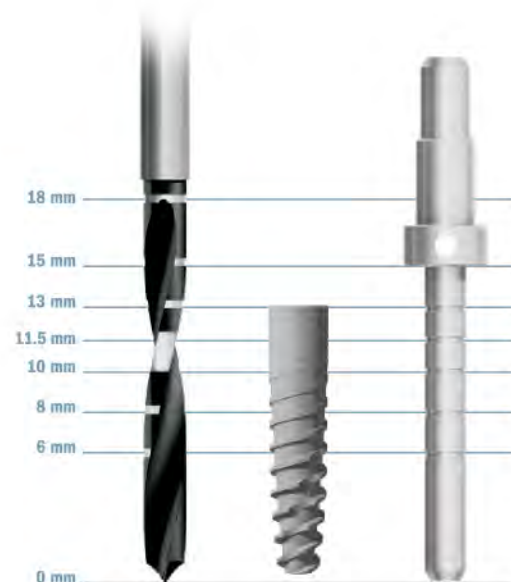
* Until the first laser mark

Note: All dimensions are expressed in millimeters.

Important:

JDIcon Ultra S Implant is designed to withstand a maximum insertion torque of 60 Ncm.

The JDIcon Ultra S prosthetic screw is developed for a maximum insertion torque of 20 Ncm.



PRODUCT CATALOGUE

Implants

Ø 2,75	
IC27080	JDIcon® Ultra.S Ø 2.75 L 8
IC27100	JDIcon® Ultra.S Ø 2.75 L 10
IC27115	JDIcon® Ultra.S Ø 2.75 L 11.5
IC27130	JDIcon® Ultra.S Ø 2.75 L 13
IC27150	JDIcon® Ultra.S Ø 2.75 L 15



Cover Screw

ISCS	Cover screw JDIcon® Ultra.S
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Healing Abutment

ISHA323	Healing Abutment Ø 3.2 H 3.0 JDIcon® Ultra.S
ISHA325	Healing Abutment Ø 3.2 H 5.0 JDIcon® Ultra.S
ISHA327	Healing Abutment Ø 3.2 H 7.0 JDIcon® Ultra.S
ISHA403	Healing Abutment Ø 4.0 H 3.0 JDIcon® Ultra.S
ISHA405	Healing Abutment Ø 4.0 H 5.0 JDIcon® Ultra.S
ISHA407	Healing Abutment Ø 4.0 H 7.0 JDIcon® Ultra.S



Impression Copings

OPEN TRAY

ISICOT32C	Impression coping open tray Ø 3.2 JDIcon® Ultra.S
ISICOT40C	Impression coping open tray Ø 4.0 JDIcon® Ultra.S

CLOSED TRAY

ISICCT32C	Impression coping closed tray Ø 3.2 JDIcon® Ultra.S
ISICCT40C	Impression coping closed tray Ø 4.0 JDIcon® Ultra.S



Prosthetic Screw

ISS	Abutment screw JDIcon® Ultra.S	
ISSA	Abutment screw angulated JDIcon® Ultra.S	Torque recommended 20 Ncm



Temporary Abutment

ISTAEC	Temporary abutment engaging JDIcon® Ultra.S
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GP Abutment

ISGP32C	GP abutment Ø 3.2 JDIcon® Ultra.S
ISGP40C	GP abutment Ø 4.0 JDIcon® Ultra.S

Torque recommended 20 Ncm



Wax up Abutment:

ISWAEC

Wax up abutment engaging JDIcon® Ultra.S

Torque recommended 20 Ncm



Straight Abutment:

ISSA4020C
ISSA4040C

Straight abutment Ø 4.0 H 2.0 JDIcon® Ultra.S
Straight abutment Ø 4.0 H 4.0 JDIcon® Ultra.S

Torque recommended 20 Ncm



Angulated Abutment:

IS15GPA40C

Angulated abutment 15° Ø 4.0 JDIcon® Ultra.S

Torque recommended 20 Ncm



TiBase, JDScanBody and Implant Replica CAD CAM:

ISSBCEC

JDScanBody for JDIcon® Ultra.S

ISTIBC

TiBase engaging JDIcon® Ultra.S

EVSCBOW

ScanBody for TiBase

ISANCN

DAS* Implant Replica CAD CAM for JDIcon® Ultra.S

ISPMNC

JD Pre-milled blanks and abutment screw JDIcon® Ultra.S

*Direct Analog Screw



Torque recommended 20 Ncm

Ball Abutment:

ISBA15
ISBA30
ISBA50

Ball abutment H 1.5 JDIcon® Ultra.S
Ball abutment H 3.0 JDIcon® Ultra.S
Ball abutment H 5.0 JDIcon® Ultra.S

Torque recommended 20 Ncm



Note: All the prosthetic components on ball abutments are the same as JDEvolution® implant line.

Implant Replica:

ISAN

Implant replica JDIcon® Ultra.S



Implant and Prosthetic Drivers:

ISID

Implant Driver JDIcon® Ultra.S

ISIDL

Implant Driver Long JDIcon® Ultra.S

EVSDPF15

Screwdriver hex 1.20 for torque wrench L15

EVSDPF20

Screwdriver hex 1.20 for torque wrench L20

EVSDPF25

Screwdriver hex 1.20 for torque wrench L25

EVSDPF35

Screwdriver hex 1.20 for torque wrench L35

EVSDCAF

Screwdriver torque wrench Conical Abutment

EVSDP20

Screwdriver hex 1.20 machine prosthetic L20

EVSDP25

Screwdriver hex 1.20 machine prosthetic L25

EVSDP30

Screwdriver hex 1.20 machine prosthetic L30

EVSDCA

Screwdriver machine Conical Abutment

EVSDPF25A

Screwdriver screw angulated for torque wrench L25

EVSDPF30A

Screwdriver screw angulated for torque wrench L30





JDENTALCARE

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Dental Implant
JDICON[®]

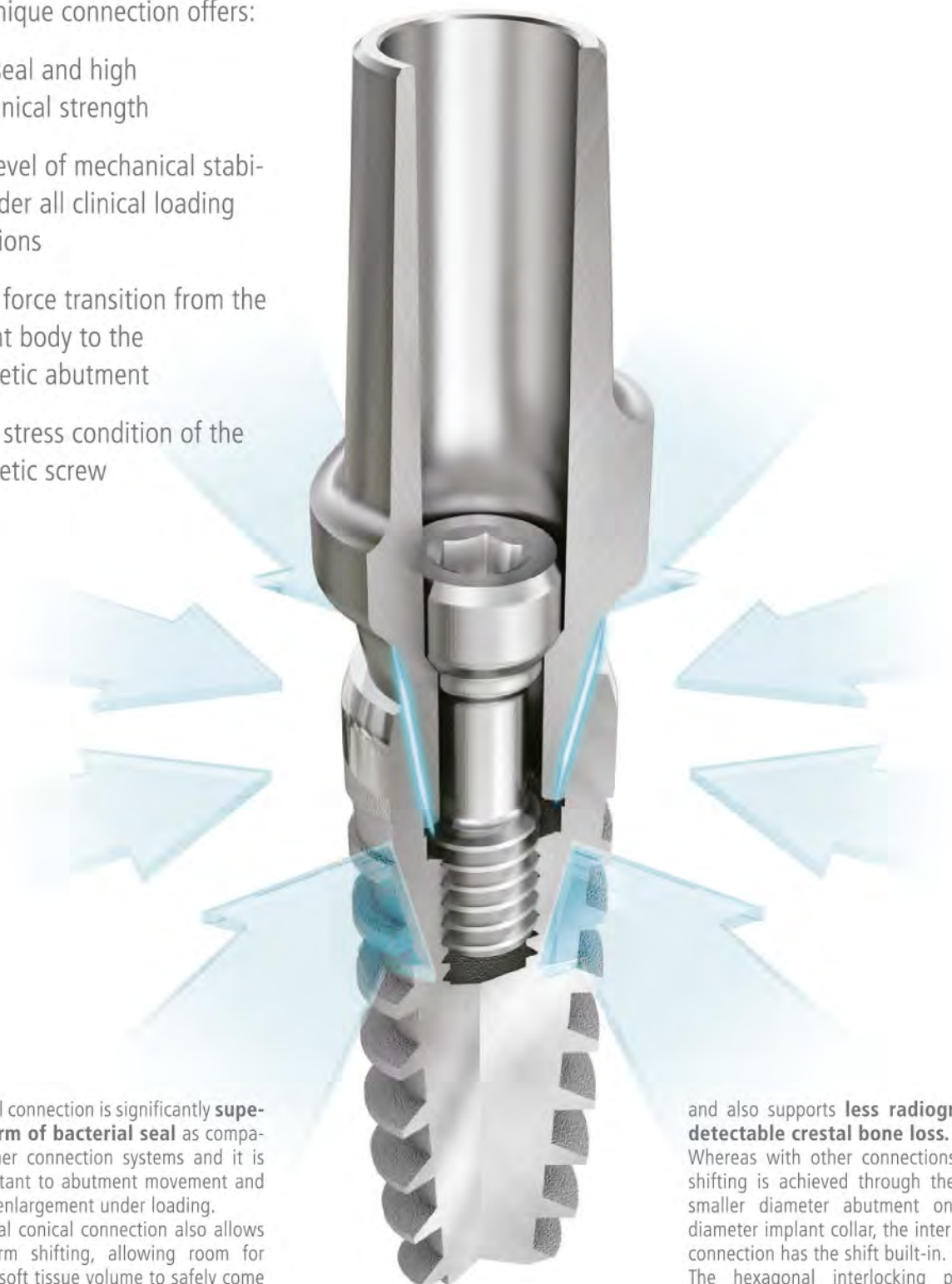


Conical Connection

THE CONICAL CONNECTION.

This unique connection offers:

- Tight seal and high mechanical strength
- High level of mechanical stability under all clinical loading conditions
- Better force transition from the implant body to the prosthetic abutment
- Lower stress condition of 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 room for maximum soft tissue volume to safely come up onto the edge of the implant platform. 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**.

THE UNIQUE FEATURES OF AN ICON.

FEATURES

- Available with 1.5 mm machined implant collar and fully treated without machined implant collar
- Machined implant collar
- Expanding tapered inner body
- Self-cutting capacity in both directions
- Apical cutting blades

ADVANTAGES

- Maximum flexibility to meet the needs of all surgical situations
- Reduce the risk of periimplantitis. Allow 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.
- Favours gradual condensation of bone and guarantees high primary stability, especially in compromised bone situations
- Makes it possible to achieve high primary stability with low torque
- Allows it to engage smaller osteotomy

SINGLE PROSTHETIC CONNECTION.

FEATURES

- Single prosthetic connection for all diameters, Ø 3.9, Ø 4.3, Ø 5.0.
- Dual system conical connection with internal hexagon.
- Built-in platform switching.
- Complete choice of temporary and final abutments with healing abutments of various heights and emergence profiles.

ADVANTAGES

- Simplicity of clinical process.
- Reduced inventory and enhanced working flexibility.
- Excellent connection stability.
- Sealed connection, virtually eliminating implant-abutment microgap due to the specific connection design.
- Superior mechanical strength.
- Greater hard and soft tissue stability.

PRODUCT SPECIFICATIONS.

The JD ICON® dental implant is available in the diameters and lengths shown in this chart:

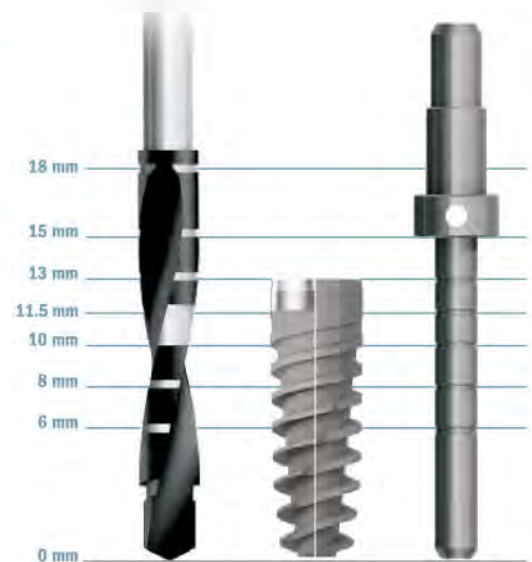
IMPLANT DIAMETER	TIP DIAMETER	ABUTMENT INTERFACE	PLATFORM DIAMETER	LENGTH					
				6	8	10	11,5	13	15
Ø 3,9	2.9	3.4	3.9						
Ø 4,3	3.2	3.4	4.0	6	8	10	11,5	13	15
Ø 5	3.6	3.4	4,7	6	8	10	11,5	13	15



JD ICON® DRILLING PROTOCOLS.

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

IMPLANT DIAMETER	SOFT BONE TYPE IV	MEDIUM BONE TYPE II-III	DENSE BONE TYPE I
Ø 3,9	2.0 2.4 (2.8)	2.0 2.4 2.8 (3.2)	2.0 2.4 2.8 3.2 (3.6)
Ø 4,3	2.0 2.4 2.8	2.0 2.4 2.8 3.2 (3.6)	2.0 2.4 2.8 3.2 3.6 (4.0)
Ø 5	2.0 2.4 2.8 3.2	2.0 2.4 2.8 3.2 3.6 (4.0)	2.0 2.4 2.8 3.2 3.6 4.0 (4.4)



Note: All dimensions are expressed in millimetres.

JDIcon with 1.5mm machined implant collar:

Ø 3,9

IC39080	JDIcon® Ø3.9 L8
IC39100	JDIcon® Ø3.9 L10
IC39115	JDIcon® Ø3.9 L11.5
IC39130	JDIcon® Ø3.9 L13
IC39150	JDIcon® Ø3.9 L15



Ø 4,3

IC43060	JDIcon® Ø4.3 L6
IC43080	JDIcon® Ø4.3 L8
IC43100	JDIcon® Ø4.3 L10
IC43115	JDIcon® Ø4.3 L11.5
IC43130	JDIcon® Ø4.3 L13
IC43150	JDIcon® Ø4.3 L15



Ø 5,0

IC50060	JDIcon® Ø5.0 L6
IC50080	JDIcon® Ø5.0 L8
IC50100	JDIcon® Ø5.0 L10
IC50115	JDIcon® Ø5.0 L11.5
IC50130	JDIcon® Ø5.0 L13
IC50150	JDIcon® Ø5.0 L15



JDIcon F fully treated:

Ø 3,9

IC39080:	JDIcon® F Ø3.9 L8
IC39100:	JDIcon® F Ø3.9 L10
IC39115:	JDIcon® F Ø3.9 L11.5
IC39130:	JDIcon® F Ø3.9 L13
IC39150:	JDIcon® F Ø3.9 L15



Ø 4,3

IC43060:	JDIcon® F Ø4.3 L6
IC43080:	JDIcon® F Ø4.3 L8
IC43100:	JDIcon® F Ø4.3 L10
IC43115:	JDIcon® F Ø4.3 L11.5
IC43130:	JDIcon® F Ø4.3 L13
IC43150:	JDIcon® F Ø4.3 L15



Ø 5,0

IC50060:	JDIcon® F Ø5.0 L6
IC50080:	JDIcon® F Ø5.0 L8
IC50100:	JDIcon® F Ø5.0 L10
IC50115:	JDIcon® F Ø5.0 L11.5
IC50130:	JDIcon® F Ø5.0 L13
IC50150:	JDIcon® F Ø5.0 L15



Cover screw:

ICCS	Cover screw JDIcon®
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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 Abutment 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 Bridge Open Tray JDIcon®
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Temporary Abutment:

ICTAEC	Temporary Abutment engaging JDIcon®
ICTANEC	Temporary Abutment non engaging JDIcon®



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 Ø 5.0 H 1.5 JDIcon®
ICEA30C	Anatomic Abutment Ø 5.0 H 3.0 JDIcon®
IC15A15C	Anatomic Abutment angulated 15° H 1.5 JDIcon®
IC15A30C	Anatomic Abutment angulated 15° H 3.0 JDIcon®
IC25A15C	Anatomic Abutment angulated 25° H 1.5 JDIcon®
IC25A30C	Anatomic Abutment angulated 25° 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	Abutment Screw JDIcon®
ICSA	Abutment Screw angulated JDIcon®

Torque recommended 30 Ncm



Abutment Retrieval Tool:

ICATR	Abutment Retrieval Tool®
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Conical Abutment:

ICCA15C	Straight Conical Abutment H 1.5 JDIcon®
ICCA30C	Straight 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	Screw for angulated Conical Abutment JDIcon®

Torque recommended 30 Ncm



Note: All the prosthetic components on conical abutments are the same as JDEvolution® implant line.

TiBase, JDScanBody and Implant Replica CAD CAM:

ICSBCEC	JD ScanBody for JDIcon®
ICTIBC	TiBase engaging JDIcon®
ICTIBNEC	TiBase non engaging JDIcon®
ICTIB15C	TiBase engaging H 1.5 JDIcon®
ICTIB15NEC	TiBase non engaging H 1.5 JDIcon®
ICTIB30C	TiBase engaging H 3.0 JDIcon®
ICTIB30NEC	TiBase non engaging H 3.0 JDIcon®
EVSCBOW	ScanBody for TiBase
ICANCN	DAS* Implant Replica CAD CAM for JDIcon®
ICPMNC	JD Pre-milled blanks and abutment screw JDIcon®



Torque recommended 30 Ncm

*Direct Analog Screw

Interfaces

ICINTEC	Interface engaging for JDIcon®
ICINTNEC	Interface non engaging for JDIcon®



Ball Abutment:

ICBA15	Ball Abutment H 1.5 JDIcon®
ICBA30	Ball Abutment H 3.0 JDIcon®
ICBA50	Ball Abutment H 5.0 JDIcon®

Torque recommended 30 Ncm



Note: All the prosthetic components on ball abutments are the same as JDEvolution® implant line.

Emi Abutment:

ICEMI15	Emi Abutment H 1.5 JDIcon®
ICEMI30	Emi Abutment H 3.0 JDIcon®
ICEMI50	Emi Abutment H 5.0 JDIcon®

Torque recommended 30 Ncm



Note: All the prosthetic components on emi abutments are the same as JDEvolution® implant line.

Implant replica:

ICAN	Implant replica JDIcon®
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Implant and prosthetic drivers:

ICID	Implant driver JDIcon®
ICIDL	Implant driver long JDIcon®
EVSDPF20	Screwdriver hex 1.20 for torque wrench L20
EVSDPF25	Screwdriver hex 1.20 for torque wrench L25
EVSDCAF	Screwdriver torque wrench Conical Abutment
EVSDP20	Screwdriver hex 1.20 machine prosthetic L20
EVSDP25	Screwdriver hex 1.20 machine prosthetic L25
EVSDP30	Screwdriver hex 1.20 machine prosthetic L30
EVSDCA	Screwdriver machine Conical Abutment
EVSDPF25A	Screwdriver screw angulated for torque wrench L25
EVSDPF30A	Screwdriver screw angulated for torque wrench L30



Bone mill:

ICBM5C	Bone mill Ø 5.0 JDIcon®
ICBM6C	Bone mill Ø 6.0 JDIcon®
ICBMG	Bone mill guide JDIcon®

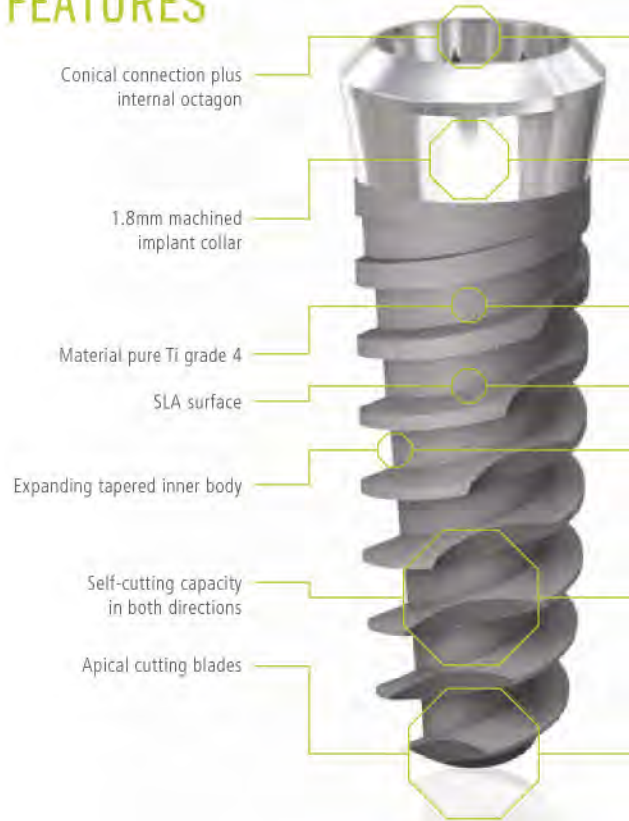




JD OCTA® DESIGN.

JDOCTA® dental implant is designed to simplify treatment. The one-stage surgical procedure will allow you to save time and increase efficiency in your practice. You can take advantage of the easy accessibility to the implant by working at soft tissue level.

FEATURES



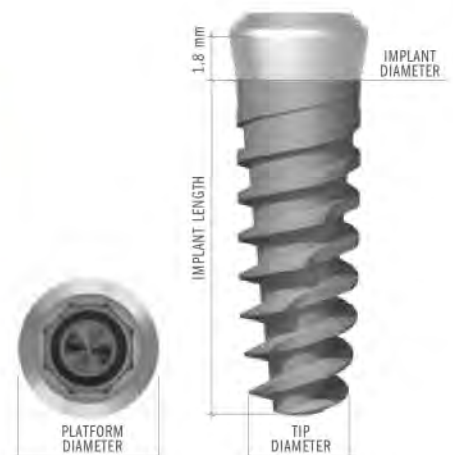
ADVANTAGES

- The internal octagon gives a secure and flexible (re)positioning of individual abutments in the implant
- The conical connection gives uniform load distribution and reliable, stable implant-to-abutment joints prevent rotation.
- Reduce the risk of perimplantitis. Allow 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.
- Well-proven for a better Osseointegration
- Reliable and scientifically well-documented surface, with predictable long-term clinical data.
- Favours gradual condensation of bone and guarantees high primary stability, especially in compromised bone situations.
- Makes it possible to achieve high primary stability with low torque
- Allows it to engage smaller osteotomy

JD OCTA® PRODUCT SPECIFICATIONS.

JDOCTA® dental implant is available in the diameters and lengths shown in this chart:

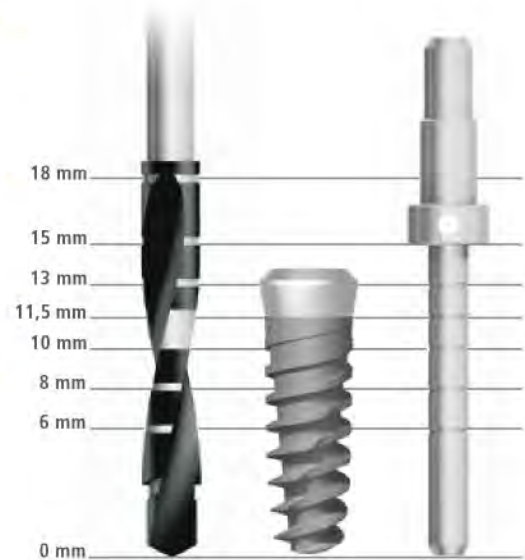
IMPLANT DIAMETER	TIP DIAMETER	PLATFORM DIAMETER	LENGTH		
Ø 3.7	2.7	4.8	8	10	11.5
Ø 4.3	3.2	4.8	8	10	11.5
Ø 5	3.9	6.5	8	10	11.5



JD OCTA® DRILLING PROTOCOLS.

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

IMPLANT DIAMETER	SOFT BONE TYPE IV	MEDIUM BONE TYPE II-III	DENSE BONE TYPE I
Ø 3.7	2.0 2.4	2.0 2.4 2.8	2.0 2.4 2.8 3.2 (3.6)
Ø 4.3	2.0 2.4 2.8	2.0 2.4 2.8 3.2 (3.6)	2.0 2.4 2.8 3.2 3.6 (4.0)
Ø 5.0	2.0 2.4 2.8 3.2	2.0 2.4 2.8 3.2 3.6 (4.0)	2.0 2.4 2.8 3.2 3.6 4.0 (4.4)



Note: All dimensions are expressed in millimetres.

JD OCTA® ALL-IN-ONE PACKAGING.

The JD OCTA® dental implant is packed with cover screw H 3.0mm + impression coping closed tray / GP abutment + prosthetic screw.

The abutment preparation allows a great flexibility in positioning the restoration limit on the abutment itself or on the implant platform depending on soft tissue thickness.

Unlike traditional tissue level prosthetics, this smart and unique design will help the clinician avoid placing deep restoration margins when deemed necessary.

When a platform level restoration is desired, an abutment preparation aimed at reducing its diameter will expose the implant platform and allows the restoration to be seating on it



PRODUCT CATALOGUE

Implants

Ø 3.7	
OC37080	JDOcta® RN Ø 3.7 L 8.0
OC37100	JDOcta® RN Ø 3.7 L 10
OC37115	JDOcta® RN Ø 3.7 L 11.5
Ø 4.3	
OC43080	JDOcta® RN Ø 4.3 L 8.0
OC43100	JDOcta® RN Ø 4.3 L 10
OC43115	JDOcta® RN Ø 4.3 L 11.5
Ø 5.0	
OC50080	JDOcta® WN Ø 5.0 L 8.0
OC50100	JDOcta® WN Ø 5.0 L 10
OC50115	JDOcta® WN Ø 5.0 L 11.5



Cover Screw

OCCS	Cover screw H 3.0 JDOcta® RN
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Prosthetic Screw

OCS	Prosthetic screw JDOcta®
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Torque recommended 30 Ncm



Impression Copings closed tray / GP Abutments

OCICCTC	Impression coping closed tray / GP abutment JDOcta® RN
OCICCTWC	Impression coping closed tray / GP abutment JDOcta® WN



Wax Up Abutments

OCWAEC	Wax up abutment engaging JDOcta® RN
OCWAEWC	Wax up abutment engaging JDOcta® WN

Torque recommended 30 Ncm



TiBase

EVSCBOW	ScanBody for TiBase
OCTIBC	TiBase engaging JDOcta® RN
OCTIBWC	TiBase engaging JDOcta® WN



Torque recommended 30 Ncm

Implant Replicas

OCAN	Implant replica JDOcta® RN
OCANW	Implant replica JDOcta® WN



Implant Drivers

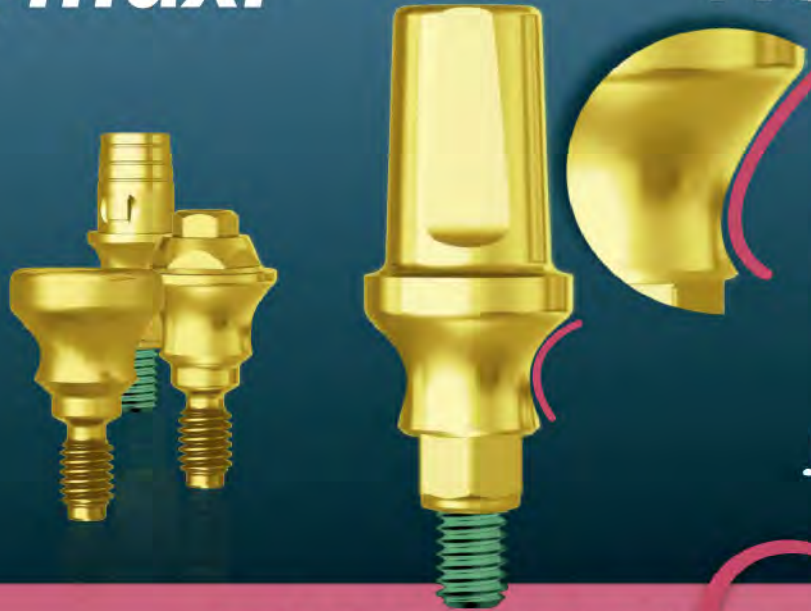
OCID	Implant driver JDOcta® RN
OCIDL	Implant driver long JDOcta® RN
OCIDW	Implant driver JDOcta® WN
OCIDLW	Implant driver long JDOcta® WN



Prosthetic Drivers

OCSDPF20	Prosthetic driver L 20 JDOcta®
OCSDPF25	Prosthetic driver L 25 JDOcta®





- ♥ Give more space for soft tissue and change the biotype.
- ♥ Reach easier and faster the pink aesthetic.
- ♥ Increase the biologic seal around your implant.

JD EVOLUTION® plus

TISSUE LOVERS

ABUTMENTS

PRODUCT CATALOGUE

Healing Abutment:

- EVHA54TS: Tissue Lovers Healing Abutment Ø 5.0 H 4.0 JDEvolution Plus+
EVHA56TS: Tissue Lovers Healing Abutment Ø 5.0 H 6.0 JDEvolution Plus+



Impression coping:

- EVICOT5TSC: Tissue Lovers Impression coping open tray Ø 5.0 JDEvolution Plus+



Temporary Abutment:

- EVTAETSC: Tissue Lovers Temporary Abutment engaging JDEvolution Plus+
EVTANETSC: Tissue Lovers Temporary Abutment non engaging JDEvolution Plus+



Straight Abutment:

- EVNSA5020TSC: Tissue Lovers Straight Abutment Ø 5.0 H 2.0 JDEvolution Plus+
EVNSA5040TSC: Tissue Lovers Straight Abutment Ø 5.0 H 4.0 JDEvolution Plus+



Conical Abutment:

- EVNCA15TSC: Tissue Lovers Straight Conical Abutment H 1.5 JDEvolution Plus+
EVNCA30TSC: Tissue Lovers Straight Conical Abutment H 3.0 JDEvolution Plus+

Note: All the prosthetic components on conical abutments are the same as JDEvolution Plus implant line



TiBase:

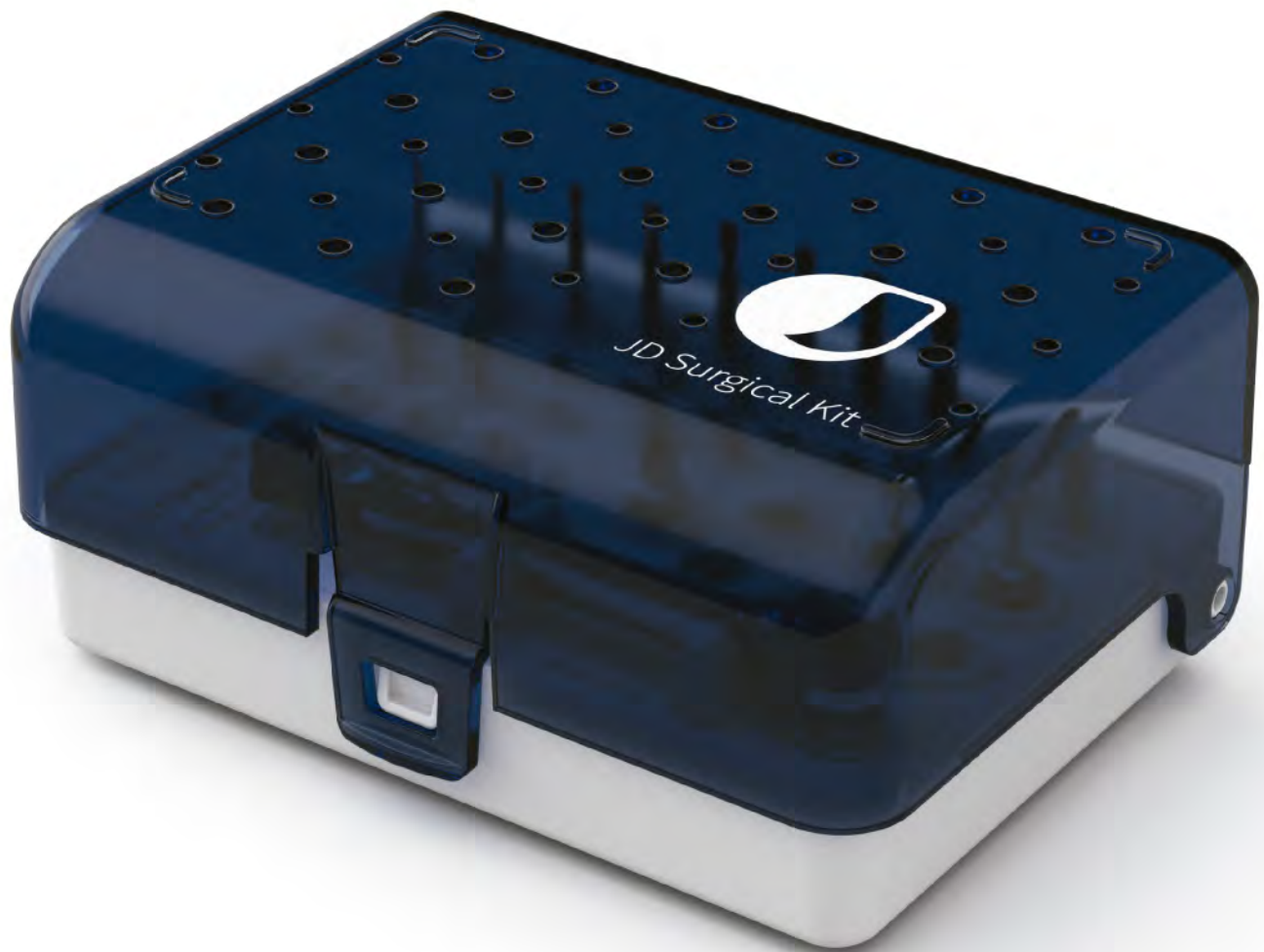
- EVTIB15TSC: Tissue Lovers TiBase engaging H 1.5 JDEvolution Plus+
EVTIB15NETSC: Tissue Lovers TiBase non engaging H 1.5 JDEvolution Plus+
EVTIB30TSC: Tissue Lovers TiBase engaging H 3.0 JDEvolution Plus+
EVTIB30NETSC: Tissue Lovers TiBase non engaging H 3.0 JDEvolution Plus+

Note: All the prosthetic screwdrivers are the same as JDEvolution Plus implant line





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JD Surgical and Prosthetic Kit.



JD Surgical and Prosthetic Kit - (Codice prodotto **JDPS**)

Compact and easy to use.

The surgical and prosthetic JD Surgical Kit is completely washable and autoclavable. Moreover the body has biocompatible printing resistant to all disinfectant cleaner and autoclave cycles.

Products.

Surgical drills



Drill extension



Direction indicators



Surgical adaptor



Implant drivers



JD Torque® torque wrench



Screwdrivers



Instructions for use.

In the first line of the JD Surgical Kit are located the surgical drills and the drill extension for the osteotomy of the implant site.

On the drills there are marks for the different implant lengths. In particular on the drills is designed a larger mark from 10mm to 11.5mm. To ensure optimal primary stability of the implant it is recommended to adhere to the indications of the drilling sequence as indicated on the implant brochures and on the website: www.jdentalcare.com.



The surgical drills are also characterized by a DLC Treatment, which gives them three advantages:

- When the surgical drills are in operation at high speed, the DLC treatment makes the marks present on drills clearly visible for an easy practical use.
- The DLC treatment is an excellent covering anti-wear treatment, which makes the surgical drills more resistant to more cycles and so to be used in placing more implants.
- The DLC treatment has also an anti-friction function, which guarantees a minimal heating of the bone during the 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

Adhere to the indications of the drilling sequence, according to the bone type

4

Check the length of drills on the bottom right 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 are located two implant drivers, one short and one long. These implant drivers can be used with JDEvolution® and JDEvolution® Plus implants. For all the other implant lines (JDEvolution® S, JDIcon®, JDIcon® Ultra.s, JDOcta®, JDNow®) it is necessary to buy the appropriate implant drivers.



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.



Direction indicators.

The kit includes two direction indicators, one short 10 mm length and one long 15mm length. These tools shall be used after the drill Ø2.0. These instruments have also marks to measure the depth of the implant site.



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 insert the adaptor in the JD Torque® torque wrench to screw the implant at the final position.



Prosthetic Screwdrivers.

The JD Surgical Kit includes also two screwdrivers 20mm length and 25mm length to screw the prosthetic screws, the cover screws, impression copings screws. These screwdrivers are designed to be used both manually and with JD Torque® torque wrench.

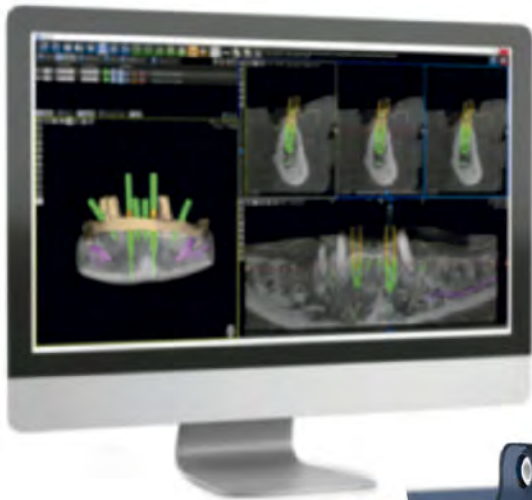


JD Torque® torque wrench.

This instrument measures the torque during the insertion of the implant or the tightening of the prosthetic screw. Do not exceed the torque value recommended in the instruction for use.



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JD Guided Surgery Kit

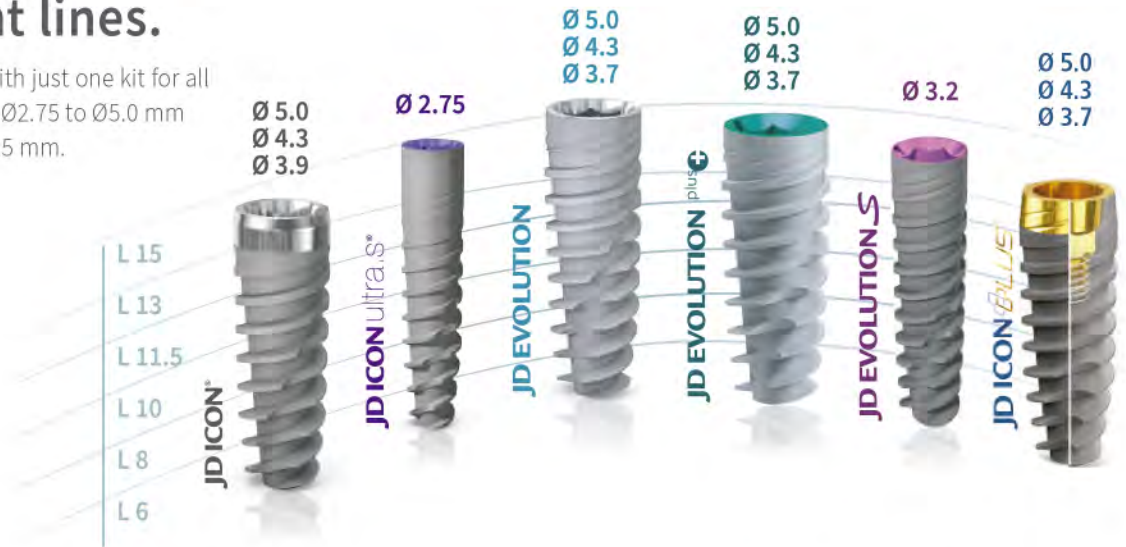
Friend of your hand.

Simplicity



One kit for all JD implant lines.

Simplified insertion with just one kit for all JD implant lines from $\varnothing 2.75$ to $\varnothing 5.0$ mm and from length 6 to 15 mm.



Compatibility

User-friendly software design.

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

Precision

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 $\varnothing 5.05$ mm for a secure implant depth control.



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.



New design for better surgery

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.

Drilling protocols.

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



Attention:

In order to perform a correct osteotomy, the first drill that must be used is the drill Ø2.4 mm L 6.0 mm. This drill is designed also to flat the bone.



IMPLANT DIAMETER	SOFT BONE TYPE IV	MEDIUM BONE TYPE II-III	DENSE BONE TYPE I
Ø 2.75	2.0	2.0 2.4	2.0 2.4 2.8 L 6
Ø 3.2	2.0 2.4	2.0 2.4 2.8 L 6	2.0 2.4 2.8 3.2 L 6
Ø 3.7/3.9	2.0 2.4 2.8 L 6	2.0 2.4 2.8 3.2 L 6	2.0 2.4 2.8 3.2 3.6 L 6
Ø 4.3	2.0 2.4 2.8 3.2 L 6	2.0 2.4 2.8 3.2 3.6 L 6	2.0 2.4 2.8 3.2 3.6 4.2 L 6
Ø 5.0	2.0 2.4 2.8 3.2 3.6 L 6	2.0 2.4 2.8 3.2 3.6 4.2 L 6	2.0 2.4 2.8 3.2 3.6 4.2 L 8

Note: All dimensions are expressed in millimeters.

Products.



JD Torque®



Implant and Prosthetic Drivers



Tissue Punch



Implant Mounters



Guided Drills



Guided Drills

					
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	JDGD24-115 Guided Drill Ø 2.4 L 11.5	JDGD24-130 Guided Drill Ø 2.4 L 13	JDGD24-150 Guided Drill Ø 2.4 L 15
					
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	JDGD28-115 Guided Drill Ø 2.8 L 11.5	JDGD28-130 Guided Drill Ø 2.8 L 13	JDGD28-150 Guided Drill Ø 2.8 L 15
					
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	JDGD32-115 Guided Drill Ø 3.2 L 11.5	JDGD32-130 Guided Drill Ø 3.2 L 13	JDGD32-150 Guided Drill Ø 3.2 L 15
					
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	JDGD36-115 Guided Drill Ø 3.6 L 11.5	JDGD36-130 Guided Drill Ø 3.6 L 13	JDGD36-150 Guided Drill Ø 3.6 L 15
					
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	JDGD42-115 Guided Drill Ø 4.2 L 11.5	JDGD42-130 Guided Drill Ø 4.2 L 13	JDGD42-150 Guided Drill Ø 4.2 L 15
					Sleeves
JDGDP Pin Drill	JDPIN Pin	JDPIN Pin	JDPIN Pin	JDPIN Pin	 JDBGB Template Sleeve in peek
					 JDBG Template Sleeve
					 JDBGP Pin Sleeve



JD BoneTrack Drill™

For a perfect post extractive implant insertion.

The new JD BoneTrack Drill is 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 (Ø3.2, Ø3.7, Ø4.3, Ø5.0 mm).



All the dimensions are expressed in millimeters

BoneTrack Method Protocol.

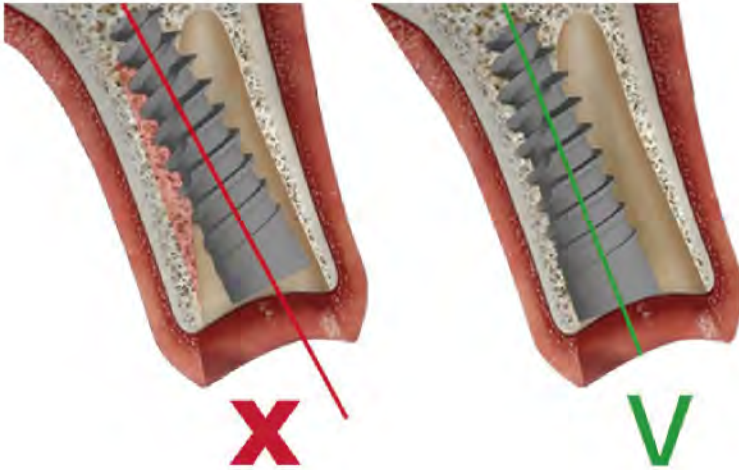
Follow the BoneTrack Method: a new approach that will simplify your daily clinical practice. Insert the non-cutting tip of the JD BoneTrack Drill into the underprepared osteotomy and push the drill palatally in order to create a track on the palatal bone. In this way, the correct space for the implant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

IMPLANT DIAMETER	DRILLING PROTOCOL
Ø 3,2	1.5 2.0 2.4 JD BoneTrack Drill 3.2
Ø 3,7	1.5 2.0 2.4 JD BoneTrack Drill 3.7
Ø 4,3	1.5 2.0 2.4 2.8 JD BoneTrack Drill 4.3
Ø 5,0	1.5 2.0 2.4 2.8 3.2 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.

Reinvent your post-extractive implant insertion.



- JDDIADR32**
- JDDIADR37**
- JDDIADR43**
- JDDIADR50**

- JD BoneTrack Diamond Drill Ø3.2mm
- JD BoneTrack Diamond Drill Ø3.7mm
- JD BoneTrack Diamond Drill Ø4.3mm
- JD BoneTrack Diamond Drill Ø5.0mm



JDBTK

JD BoneTrack Drill Kit



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JD Onedrill Kit

Simplifying dental implant drilling sequence.

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



The drills of the JD Onedrill Kit are new specially designed cylinder-tapered drills with four bladed edges.

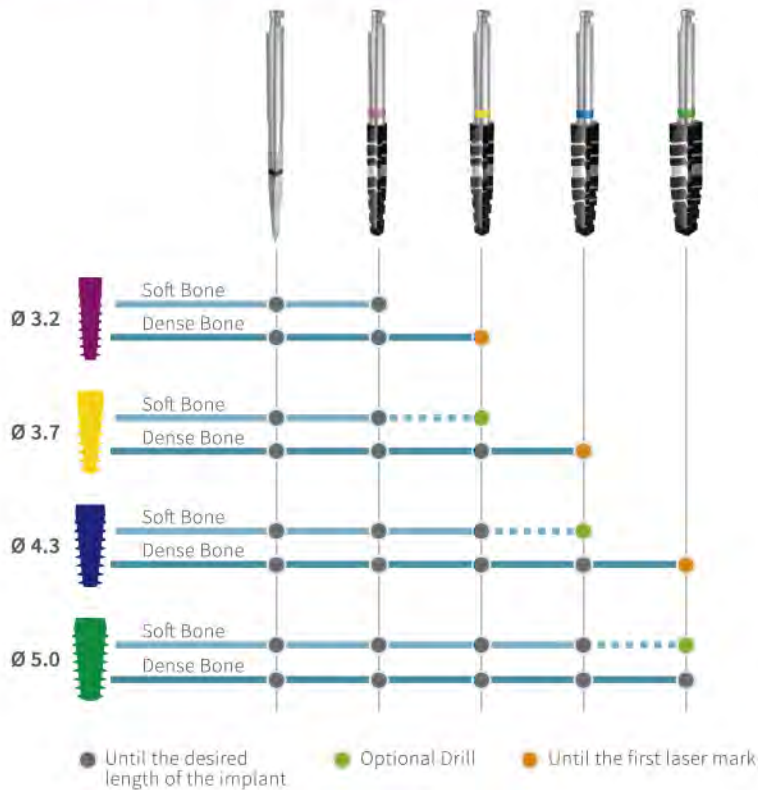
They simplify the drilling sequence, reducing the operation time and the post operative morbidity.

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



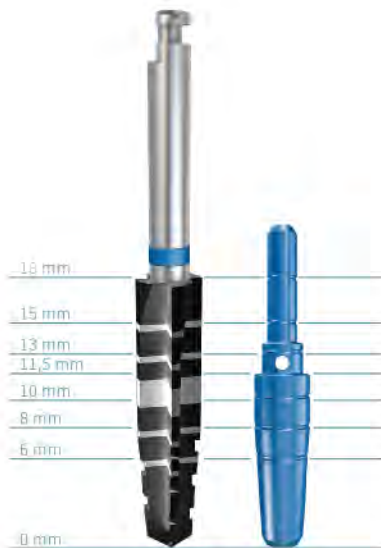
All the dimensions are expressed in millimeters

Drilling sequence.



Important:

When placing a JDEvolution implant in soft 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.



The suggested rotation speed is 1200 – 1500 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.



- JDOD32** JD Onedrill® Ø 3.2
- JDOD37** JD Onedrill® Ø 3.7
- JDOD43** JD Onedrill® Ø 4.3
- JDOD50** JD Onedrill® Ø 5.0



- JDOD32P** Direction Indicator for JD Onedrill® Ø 3.2
- JDOD37P** Direction Indicator for JD Onedrill® Ø 3.7
- JDOD43P** Direction Indicator for JD Onedrill® Ø 4.3
- JDOD50P** Direction Indicator for JD Onedrill® Ø 5.0



- JDDREXT** Drill extension for JD Onedrills®

JD IMPLANT RETREATMENT TOOLS



JD IMPLANT REMOVAL TOOL



EVIRT

The implant removal tool can be used to remove implants with internal connection and external connection.

The tool may be used if the implant connection has been damaged and the ordinary implant driver cannot be used to remove the implant.

The implant removal tool has an external hexagon that fits with the JD Torque Surgical Adaptor and the Surgical Driver.

It has to be used counterclockwise.



EVIRT

| Implant removal tool

JD SCREW REMOVAL TOOLS



EVCD

EVEX1

EVEX2

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

The kit may be used in case abutment screw is damaged and cannot be removed with a screw driver.

It is possible to remove a broken screw from an implant if it has not been fastened with some type of cement or damaged during previous attempts to remove it.

Place the EVCD Centering Device JDEvolution into the fixture and try to catch the screw using the Claw Drill EVEX1 mounted on the manual prosthetic adaptor counterclockwise.



In case the broken screw is locked, place the EVEX1 Claw Drill into the handpiece. Set the implant insertion program counterclockwise and insist on the broken screw to flatten it and prepare it for the EVEX2 Reverse Cutting Drill, which will destroy it. Insert the EVEX2 Reverse Cutting Drill into the handpiece. Set the program counterclockwise with the speed between 500 and 600 rpm. During this operation, refrigerate with plenty of water. Insert the EVEX2 Reverse Cutting Drill into the EVCD Centering device JDEvolution, start the rotation, keep it pressed for no more than 3 seconds on the broken screw and release. It is absolutely necessary that the EVCD Centering device does not move during the whole operation. If the EVCD Centering device moves, the EVEX2 Reverse Cutting Drill will be broken. Once all the laser engravings of the EVEX2 Reverse Cutting Drill disappear in the EVCD Centering device the operation is complete and the screw is completely destroyed. Once the screw has been destroyed, any shavings from the cavity can be removed with air, water and suction.

EVCD	Centering device JDEvolution
EVEX1	Claw drill
EVEX2	Reverse cutting drill

JD INTERNAL THREAD REPAIR TOOL



EVTR

The tool can be used to repair the internal thread of the implant in case it is damaged. It can be used with implants with internal thread M 1.8.

The device has to be mounted in the manual prosthetic adaptor and has to be used manually clockwise.

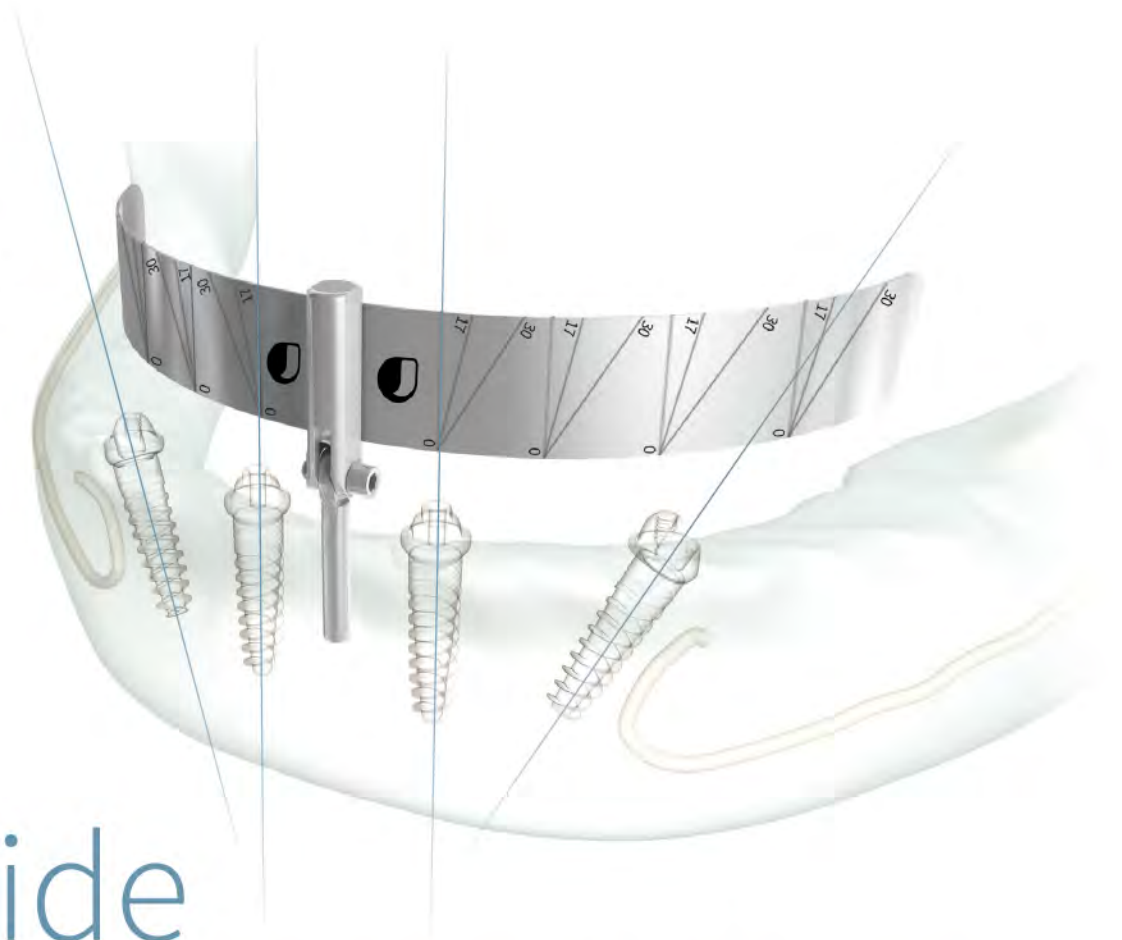
Use it gently and do not use it with the handpiece.



EVTR	Internal thread repair tool JDEvolution
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JDENTAL CARE
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JD Guide

Make simpler the full arch implant surgery.

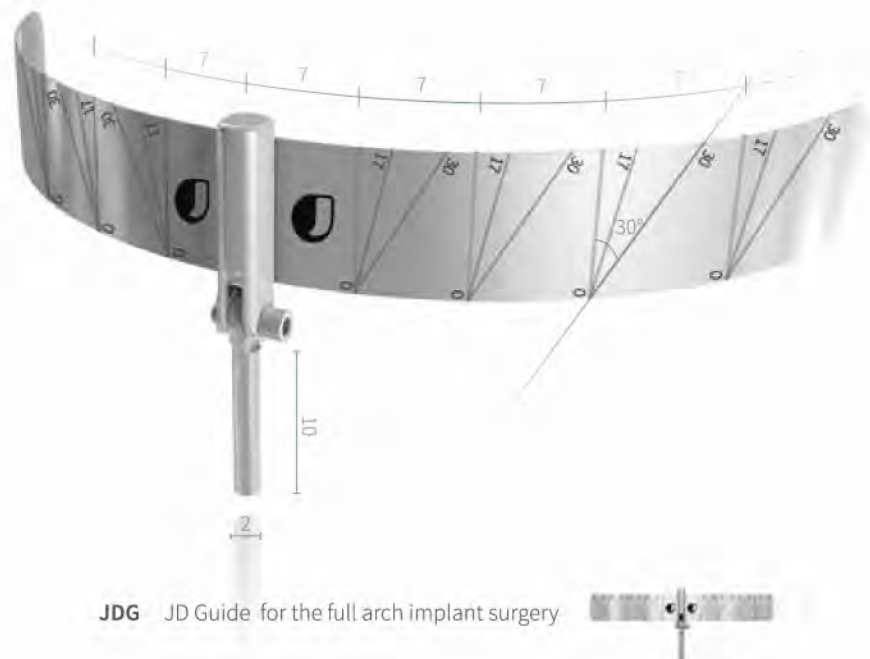
JDGuide is a surgical guide which helps the dentist in positioning four implants to support a cross-arch immediately loaded fixed restoration.

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 45° 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 in alternative to sinus floor augmentation.



The use of the JDGuide assists in ensuring the placement of the implants with correct positioning, angulation and emergence.

The Guide is placed into a 2mm osteotomy that is made in the midline position of the maxilla or mandible and the titanium band is contoured to follow the arch of the opposing arch. The Guide also assists in retracting the tongue in mandibular cases. The vertical lines on the Guide are used as a reference for placing parallel anterior implants and for drilling at the correct angulation to place posterior implants, which should not be greater than 45°. Going with the drill from one corner to the other corner of the rectangle formed by two lines, an angulation of approximately 30° is obtained.



All dimensions are expressed in millimeters.

JDG JD Guide for the full arch implant surgery

Clinical procedures for mandible.

1. Position JDGuide

After making an incision for flap elevation, make an osteotomy of approximately 10mm in the midline using a Ø2mm drill.

Place the JDGuide in the osteotomy.



2. Prepare posterior site

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.

Drill to appropriate depth using a Ø2mm drill tilted to a maximum angle of 45°.

If indicated, use a Bone Mill together with a Bone Mill Guide to remove bone that could hinder correct seating of the abutment.

Place 30° conical abutment.

Perform the same procedure of the opposite posterior site.



3. Prepare anterior site

Prepare two anterior sites placing two parallel implants according to the vertical lines of the Guide.

If indicated, use a Bone Mill together with a Bone Mill Guide to remove bone that could hinder correct seating of the abutment.

Place straight or 17° conical abutment, according to the inclination of the jaw.



Clinical procedures for maxilla.

When performing the treatment in the maxilla, change the following steps for the posteriors sites in addition to those for the posterior sites in the mandible.

Identify the anterior wall of the maxillary sinus.

Start the site preparation as posterior as possible allowing approximately 4 mm from the sinus wall.

Incline the drill (not more than 45°) as far as possible to minimize the cantilever.



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