



JDENTAL CARE

just smile

JD ONEDRILL KIT

Simplifying dental implant drilling sequence



JD Onedrill Kit

The JD Onedrill Kit is composed with 5 drills that allows you to simplify the drilling sequence. Use just one drill to create the implant site in case of soft or medium bone (Type III-IV), or two sequential drills in case of dense bone (Type I-II).

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



The drills of JD Onedrill kit are specially designed tapered with four blades 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 5mm) characterized by different color codes.

Note: All measurements in mm

Drilling protocol

The maximum rotation speed indicated is 1200 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.

IMPLANT DIAMETER	SOFT BONE	DENSE BONE
Ø 3,2	initial drill 3,2	initial drill 3,2 3,7 until the first laser mark
Ø 3,7	initial drill 3,2 3,7 (optional)	initial drill 3,2 3,7 4,3 until the first laser mark
Ø 4,3	initial drill 3,2 3,7 4,3 (optional)	initial drill 3,2 3,7 4,3 5,0 until the first laser mark
Ø 5,0	initial drill 3,2 3,7 4,3 5,0 (optional)	initial drill 3,2 3,7 4,3 5,0

Important:

When placing a JDEvolution implant in the 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.

Note: All measurements in mm

Bone Track Drills:

JDID	Initial Drill
JDOD32	Implant Drill Ø 3.2
JDOD37	Implant Drill Ø 3.7
JDOD43	Implant Drill Ø 4.3
JDOD50	Implant Drill Ø 5.0
JDDREXT	Drill Extension
JDOD32P	Direction Indicator for JDOD32
JDOD37P	Direction Indicator for JDOD37
JDOD43P	Direction Indicator for JDOD43
JDOD50P	Direction Indicator for JDOD50



JD Onedrill Kit:

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