



JDENTALCARE

just smile

unica

guided surgery kit

One Drill. One Stop. One Implant.



Made in Italy

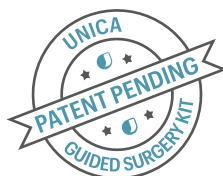
THE REVOLUTION IN COMPUTER GUIDED SURGERY

A new era in guided surgery has started.

Unica: one drill for each implant diameter and bone type (mandible or maxilla) combined with a revolutionary set of Drill Stops to reach the desired lengths.

This unique and patent pending surgical kit is compatible with 3.2, 3.7 and 4.3 mm diameter implants of all JDentalCare implant lines.

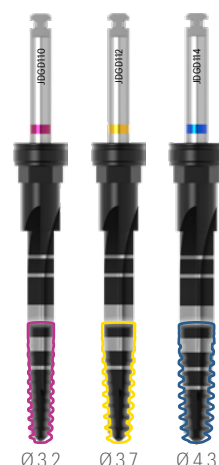
A revolution in computer guided surgery protocols designed to reduce complexity and to enhance precision during your daily practice.



UNICA DRILL

One Unica Drill for each implant diameter for fast and predictable osteotomy.

The tips of the drills follow the implant profile, in order to create a perfect implant site for the desired implant.



UNICA DRILL STOP

One Unica Drill Stop for each desired implant length (from 10 to 18 mm). Initial Unica Stops (6 and 8 mm) are designed to guide the osteotomy from the beginning.

One Unica Drill associated with the Unica Stop of the desired length will create the perfect guided osteotomy for your implant.

UNICA POST-EXTRACTIVE DRILL

The three post-extractive drills thanks to their rounded diamond tip with high abrasive capacity are able to pierce the bony wall of the socket without deviating in their path, even in case of a hard and inclined bone wall.

This ensures precise osteotomy inclination corresponding to the planning done by computer guided surgery software.



SIMPLE 3-STEPS PROCEDURE

Follow three simple steps to choose the right drill for the surgery you will face.

1

IDENTIFY THE SURGERY SITE AND BONE TYPE
Mandible / Maxilla
Soft / Medium / Dense

2

CHOOSE THE IMPLANT DIAMETER
Ø3,2 / Ø3,7 / Ø4,3 mm

3

SELECT THE UNICA® DRILL

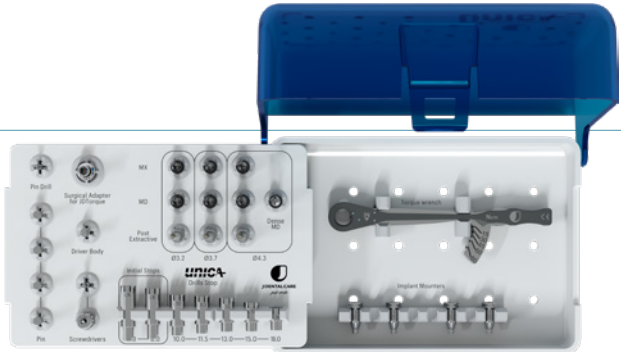
Start the osteotomy using the Unica Stops until the final desired length

PRODUCT CATALOGUE

Kit:

JKKIT07

Guided Surgery Kit Unica



Drills:

JDGD110	Guided Drill Unica Ø 3.2 MD
JDGD111	Guided Drill Unica Ø 3.2 MX
JDGD112	Guided Drill Unica Ø 3.7 MD
JDGD113	Guided Drill Unica Ø 3.7 MX
JDGD114	Guided Drill Unica Ø 4.3 MD
JDGD115	Guided Drill Unica Ø 4.3 DMD
JDGD116	Guided Drill Unica Ø 4.3 MX
JDDIADR102	Post-Extractive Guided Drill Unica Ø 3.2
JDDIADR103	Post-Extractive Guided Drill Unica Ø 3.7
JDDIADR104	Post-Extractive Guided Drill Unica Ø 4.3



Drill Stops:

JDODGDST060	Unica Initial Drill Stop L 6
JDODGDST080	Unica Initial Drill Stop L 8
JDODGDST100	Unica Drill Stop L 10
JDODGDST115	Unica Drill Stop L 11.5
JDODGDST130	Unica Drill Stop L 13
JDODGDST150	Unica Drill Stop L 15
JDODGDST180	Unica Drill Stop L 18



Instruments:

EVIDG	Driver Body for Guided Surgery
EVSDP25	Prosthetic Driver L 25
EVSDPF25	Prosthetic Driver for JDTorque L 25
JDGBP	Guided Surgery Precision Drill
JDPIN	Fixation Pin
JDTWA	Surgical Adapter for JDTorque
JDTW	Torque Wrench JDTorque



Note: all the implant mounters will be provided compatible with the choosen implant line.

DRILLING PROTOCOL

A simplified and predictable drilling protocol for your guided surgery.
It is recommended to adhere to the indications of the following drilling sequence to ensure optimal primary stability of the implants

IMPLANT DIAMETER	SOFT BONE	MEDIUM-DENSE BONE	DENSE BONE
site preparation in maxilla			
Ø 3,2	3.2 MX	3.2 MX	3.2 MX 3.7 MX (half length)
Ø 3,7	3.2 MX	3.7 MX	3.7 MX 4.3 MX (half length)
Ø 4,3	3.7 MX	4.3 MX	4.3 MX 4.3 MD (half length)
site preparation in mandible			
Ø 3,2	3.2 MD	3.2 MD	3.7 MD
Ø 3,7	3.2 MD	3.7 MD	4.3 MD
Ø 4,3	3.7 MD	4.3 MD	4.3 MD 4.3 DMD (half length)



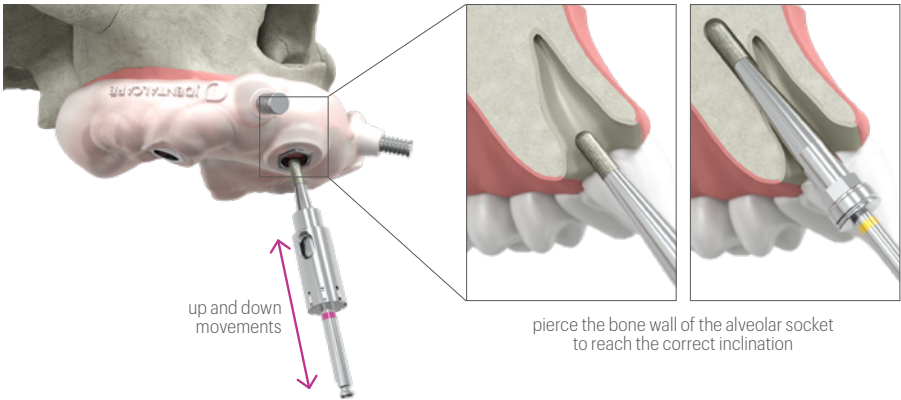
Note: All diameter dimensions are indicated in mm

POST-EXTRACTIVE DRILLS

Use these drills during guided surgeries in post-extractive cases.

Use the Unica Drill Stops in order to reach the choosen implant length, by using all the drill stops from the longest to the shortest one of the desired length.

1. Simply insert the Post-Extractive Unica Drill, into the stop, into the alveolar site and apply alternating pressure (with up and down motion). Use them with 2000 rpm and irrigation.
2. Use the matching Unica Drill in order to complete the osteotomy



FREE HAND OSTEOTOMY

Unica Drills can also be used free hand.

You simply insert the drill until the required implant lenght, thanks to the depth laser mark on the drill.

