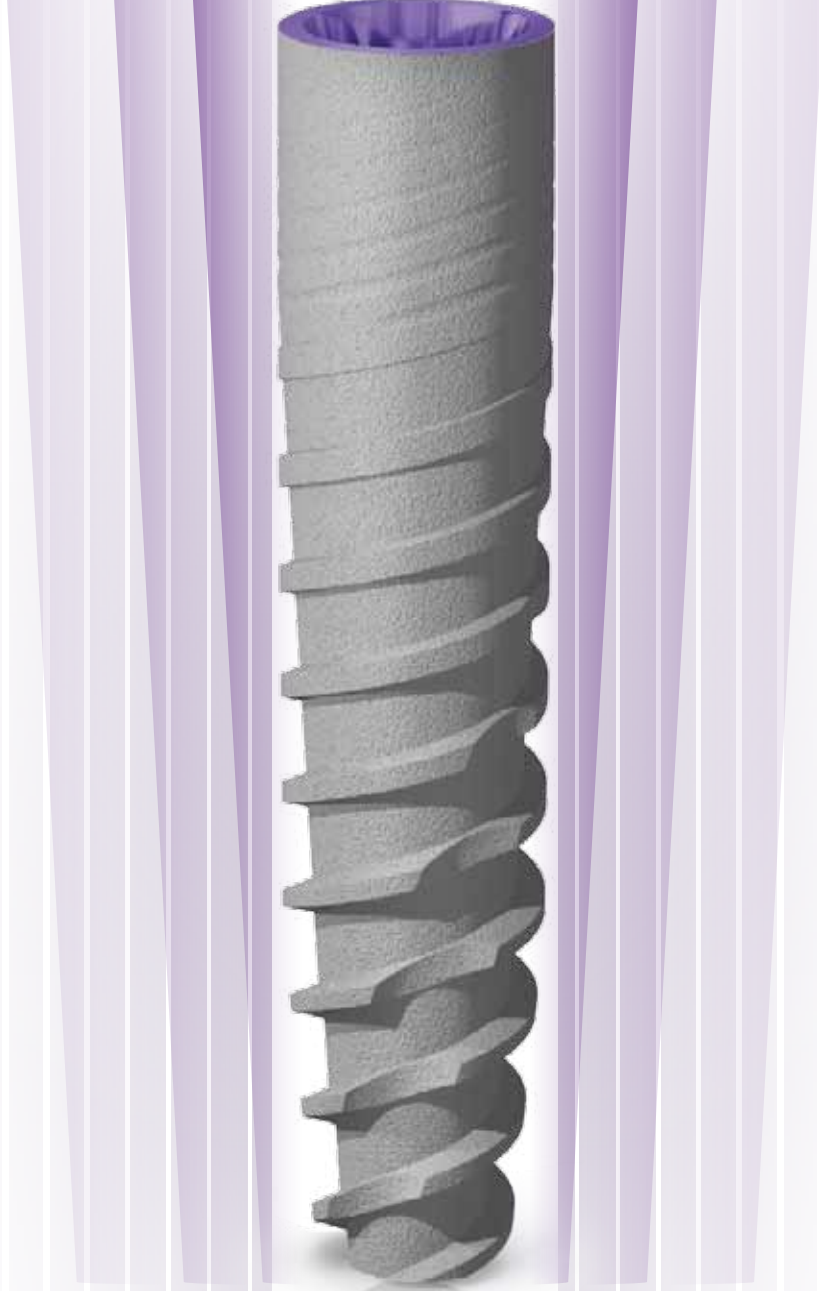# J DENTAL CARE

just smile

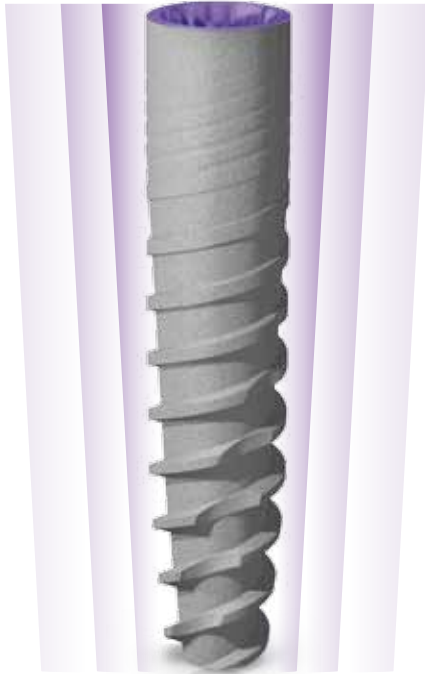Dental Implant

JD ICON ultra.S

2.75

JD ICON®ULTRA.S

SMALLER AND STRONGER

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)
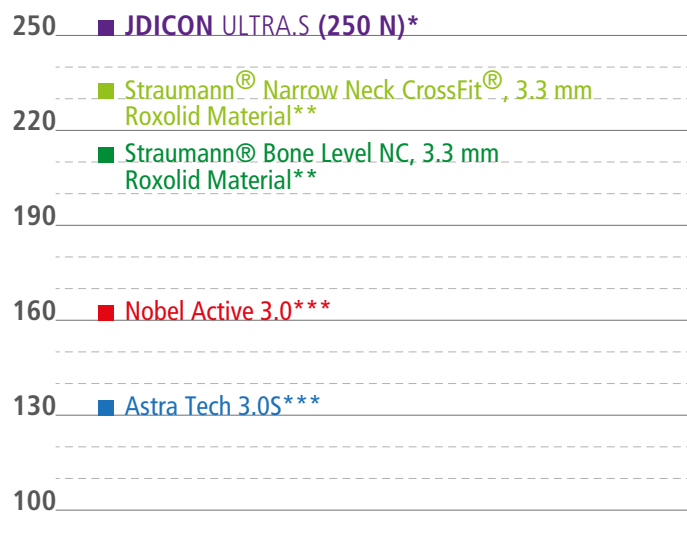
IMPLANT CONCEPT AND STRENGTH TESTS

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)

250	■ **JDICON** ULTRA.S **(250 N)***
220	■ Straumann® Narrow Neck CrossFit®, 3.3 mm Roxolid Material**
	■ Straumann® Bone Level NC, 3.3 mm Roxolid Material**
190	
160	■ Nobel Active 3.0***
130	■ Astra Tech 3.0S***
100	

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.

** Values declared by Straumann
*** Values declared by Nobel Biocare

POLITECNICO DI MILANO

JD ICON®ULTRA.S

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
Ø 2,75	Ø 2,0	Ø 2,3	Ø 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.

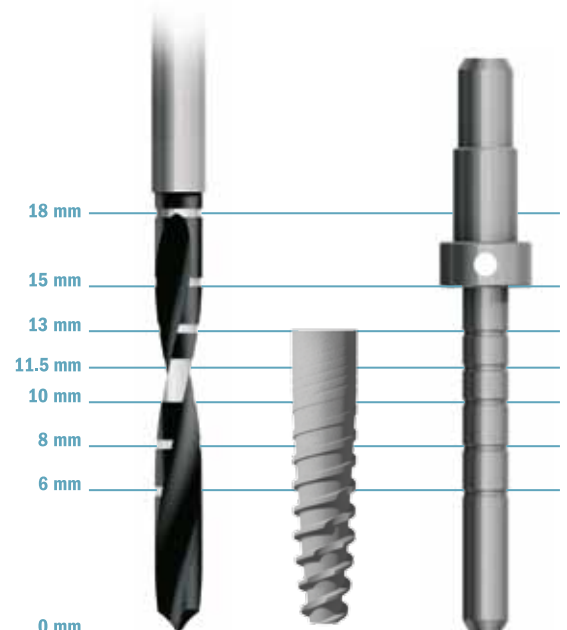| IMPLANT DIAMETER	SOFT BONE TYPE IV	MEDIUM BONE TYPE II-III	DENSE BONE TYPE I
Ø 2,75	1,5 2,0	2,0 2,4	2,0 2,4 2,8*

* 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.
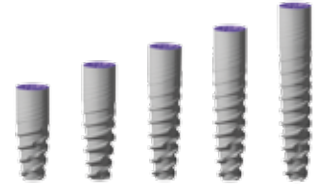
JD ICON®ULTRA.S

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

Implant Drivers

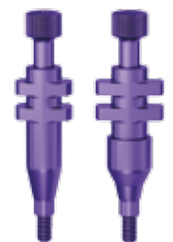|	
ISID	Implant Driver JDIcon® Ultra.S
ISIDL	Implant Driver Long JDIcon® Ultra.S

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	Prosthetic screw JDIcon® Ultra.S

Temporary Abutment

ISTAEC	Temporary abutment engaging JDIcon® Ultra.S

GP Abutment

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

Straight Abutment

ISSA4020C	Straight abutment Ø 4.0 H 2.0 JDIcon® Ultra.S
ISSA4040C	Straight abutment Ø 4.0 H 4.0 JDIcon® Ultra.S

Angulated Abutment

IS15GPA40C	Angulated abutment 15° Ø 4.0 JDIcon® Ultra.S

Ball Abutment

ISBA15	Ball abutment H 1.5 JDIcon® Ultra.S
ISBA30	Ball abutment H 3.0 JDIcon® Ultra.S
ISBA50	Ball abutment H 5.0 JDIcon® Ultra.S

Implant Replica

ISAN	Implant replica JDIcon® Ultra.S

J DENTAL CARE

www.jdentalcare.com