IMPLANTS DIFFUSION INTERNATIONAL

FABRIQUÉ EN FRANCE

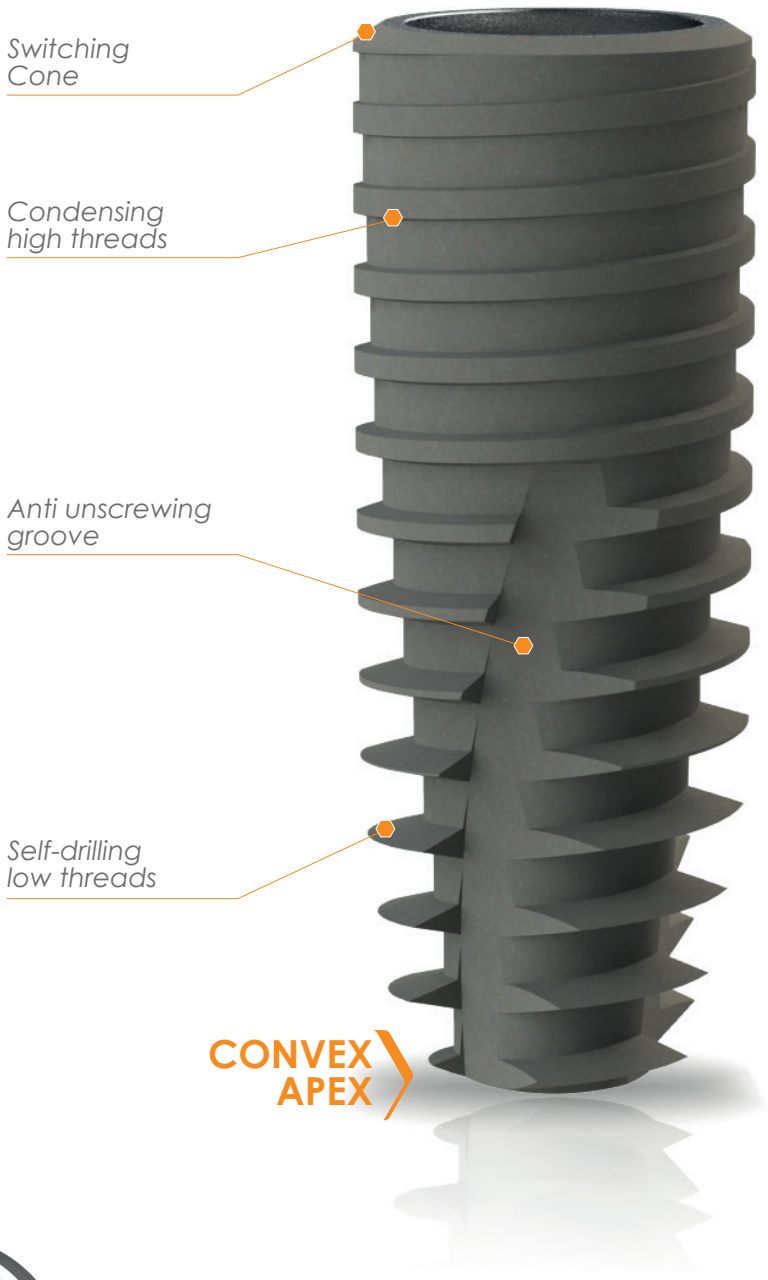
IDCAM ST

French developer and manufacturer since 1987

IDCAM ST / STANDARD Range

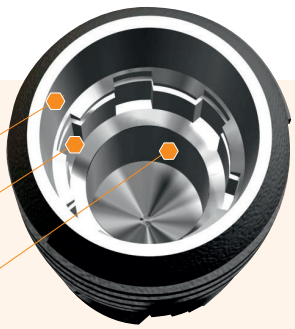
PRESENTATION

The IDCAM *ST* range type IM benefits from the SLA + $Ti0_2$ state of surface initiated by IDI and used since 1987.
This self-condensing implant stands 75 N.cm screwing stress without being affected. The IDCAM *ST* implant draws special attention to itself due to its Switching Cone neck and to its cylindro-tapered body identical to a dental root.
The angulation, the state and the depth of the threads are specially studied to optimize the primary stabilization in any bone density and favour the immediate loading.



Implant IDCAM*ST* features:

- Cylindro-tapered-shaped
- 2.5° morse taper
- Titan alloy TAL6VELI
- SMA + $Ti0_2$ state of surface
- Cam retention
- Switching Cone
- Anti-unscrewing grooves
- Progressive and condensing threads
- Convex apex



Morse taper and identical connection for all **IDCAM** range.

MORSE TAPER CONNECTION & TUBE'N'TUBE

IDCAM *ST* IMPLANTS RANGE

DESCRIPTION	LENGTH Color code*	DIAMETER	PLATEFORM	P/N
STANDARD	8 mm ●	**3,7 mm**	3,6 mm	IDCS0835
STANDARD	8 mm ●	**4,2 mm**	3,6 mm	IDCS0842
STANDARD	8 mm ●	**5,2 mm**	3,6 mm	IDCS0852
STANDARD	10 mm ●	**3,7 mm**	3,6 mm	IDCST1035
STANDARD	10 mm ●	**4,2 mm**	3,6 mm	IDCST1042
STANDARD	10 mm ●	**5,2 mm**	3,6 mm	IDCST1052
STANDARD	12 mm ●	**3,7 mm**	3,6 mm	IDCST1235
STANDARD	12 mm ●	**4,2 mm**	3,6 mm	IDCST1242
STANDARD	12 mm ●	**5,2 mm**	3,6 mm	IDCST1252
STANDARD	15 mm ●	**3,7 mm**	3,6 mm	IDCST1535
STANDARD	15 mm ●	**4,2 mm**	3,6 mm	IDCST1542
STANDARD	15 mm ●	**5,2 mm**	3,6 mm	IDCST1552

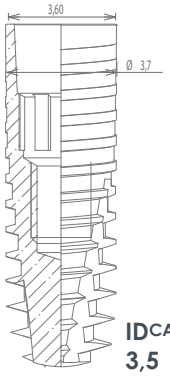
All the dimensions are in millimeters.

*On each implant packaging there is a small colored sticker to match with the implant length. The code for each color is related to the one found on the RBS conical drills and TURBOdrill® for IDCAM:

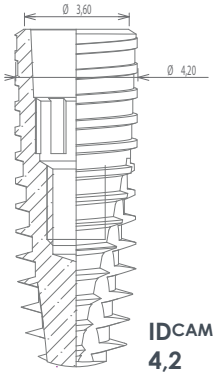
- Length 8 mm
- Length 10 mm
- Length 12 mm
- Length 15 mm

IMPORTANT CONSIDERATIONS:

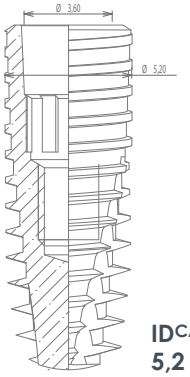
The 3,5mm diameter implants must be used only for lower and upper lateral incisors.
The IDCAM implants are supplied with a closing and a healing cap.
To improve aesthetic quality, it is recommended to position the implant 1mm under the bone crest.
It is recommended to set as many implants as lacking natural roots in the patient mouth in order to secure the lasting of the prosthesis.
The length choice and diameter of implant must be based on the density determined by CT-scan.



IDCAM *ST* 3,5



IDCAM *ST* 4,2



IDCAM *ST* 5,2

Non contractual pictures

ID^{CAM}ST SURGICAL PROTOCOL

DRILLING PROTOCOL WITH A ID^{CAM} TURBODRILL SURGICAL SET (PROTOCOL WITHOUT COLLECTING BONE)

Example for an Ø4,2 mm implant

• IN THE MAXILLA

1. Use the pilot drill of Ø2 mm at 650 rpm with irrigation;
2. Use the 2nd drill of Ø2,8 mm between 1000 and 1500rpm with ample irrigation;
3. Use the 3rd drill of Ø3,5 mm between 1000 and 1500rpm with ample irrigation;
4. Use the 4th drill of Ø4,2 mm between 1000 and 1500rpm with ample irrigation;

- Four-blade drills must be used without back-and-forth movement.

5. Then screw the implant 1 mm under crestal.

• IN THE MANDIBLE

1. Use the pilot drill of Ø2 mm at 650 rpm with irrigation;
2. Use the 2nd drill of Ø2,8 mm between 1000 and 1500rpm with ample irrigation;
3. Use the 3rd drill of Ø3,5 mm between 1000 and 1500rpm with ample irrigation;
4. Use the 4th drill of Ø4,2 mm between 1000 and 1500rpm with ample irrigation;
5. For **dense bone**, pass the C1840 drill, with depth markings 8,10,12,15, and 18 mm, to the corresponding implant length, between 1000 to 1500 rpm under ample irrigation.
6. Then screw the implant 1 mm under crestal.

Expert advice: After the last drilling, rinse the socket abundantly with physiological serum before implant placement.

• IMPLANT PLACEMENT

1. Insert the implant at 1.0 mm under-crestal using a contra-angle with dental shrank screwdriver P/N: 1046 or 1146, at 35 rpm with a torque of 30 to 40 N. cm, or manually using the ratchet P/N: 415 and the screwdriver P/N: 0046 or 0146.
2. Screw the closing cap and the healing cap manually at 5 N.cm

Expert advice: Soak the implant, the closing cap and the healing cap in an antibiotic (tobramycin or gentamicin type – 75 mg) diluted in 20 cl of physiological serum before placing it.

Life cycle : The drills shall be replaced after 15 to 20 uses or as soon as their cutting capacity decreases. Used drills must be decontaminated or treated as **DASRI (Infectious Risk Care Activity Waste).**

Drilling with bone recovery (without irrigation):
Use the drill sequence of progressive diameters at 100 rpm without irrigation.
Soak the drill, loaded with bone, in a capsule filled with physiological serum, so that the bone detaches and settles at the bottom. Aspirate serum and recover bone ready for bone graft.

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