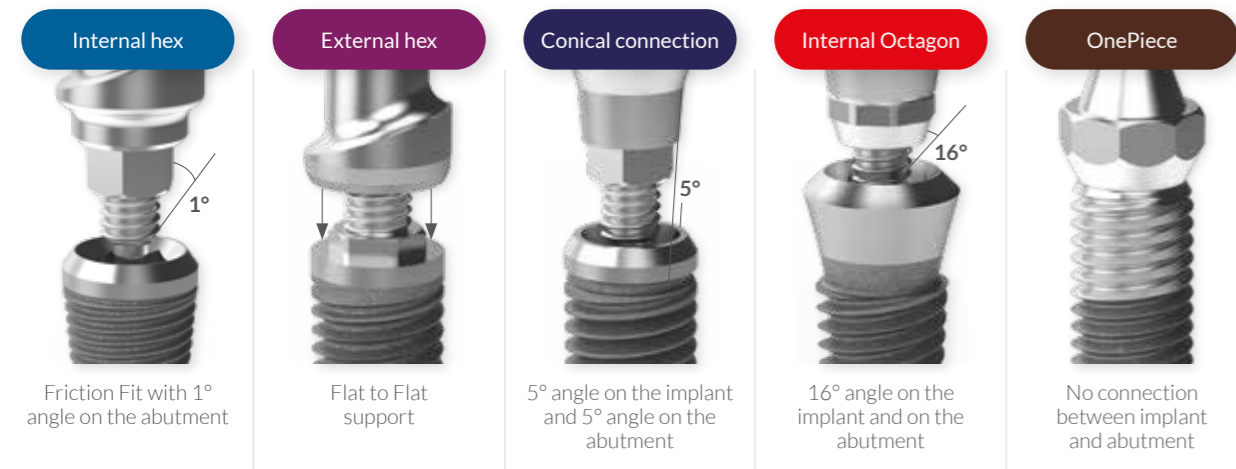


**MORE RELIABLE CONNECTIONS**

Prosthetic components with **Friction Fit** connection and one conical degree on the wall of the hex abutment, have been developed for **S1B, S1TN, SVB and NHSI** implant systems with internal hex connection. This connection ensures a "cold fusion" between implant and abutment if the retaining screw has been tightened at 30 Ncm. It eliminates micro movements and reduces bacterial infiltration between implant and abutment. Prosthetic components with tilted cone to 16° fit perfectly with our **S1T** implant system. A "flat to flat" connection for external hex is especially suitable for **NHSE** implant systems iRES®

offers different implant products to cover a wide range of treatment options and fulfill every surgical need. The **NHSIC conical connection** has a 5° angle on the abutment and on the implant, and an emergence profile for the mucous attack. The cone-morse connection creates fissures (1µm) smaller than bacteria, absorbs vibration and chewing stress with the result that it eliminates the unscrewing of the screws. There is no connection between implant and abutment in **NHSM ONEPIECE** system and this allows to completely eliminate bacterial infiltration. OnePiece connection is suitable for immediate loading.



**SURFACE TREATMENT**

**C MACHINED NECK**

Surface treatment on the body implant.

**HYHA HYALURONIC ACID**

Partial surface treatment on the body implant with hyaluronic acid.  
Cold plasma decontamination.

**PROSTHETICS**

Each implant system has its own dedicated prosthetic line: Analog; Scan abutment; Scan abutment for mua; Direct and indirect transfer impression; Mounter; Temporary and definitive straight abutment; Anatomic angled abutment; Prosthetic screws; Healing screws; Castable abutments; Straight m.u.a. abutments; Angled m.u.a. abutments; Components for m.u.a.; Ball abutments.



**SURGICAL KIT (One kit for all the implant systems)**

The purpose of surgical trays is to store the instruments used to insert dental implants. The kit can be carried, sterilized and kept in a horizontal position with the lid closed. All the instruments must be cleaned and sterilised before the first use. The surgical kit and instruments are not sterile at the time of delivery.



implant systems



continuing education



guided surgery



regenerative materials



laser fixlite®

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**OUR IMPLANT SYSTEMS**  
RELIABLE, EFFICIENT, SAFE

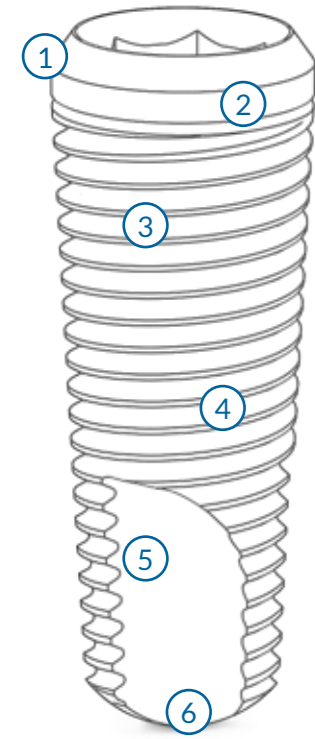
Diameters: 2.7 - 3.3 - 3.7 - 4.1 - 4.7 - 5.2 mm | Heights: 4.5 - 6 - 8 - 10 - 11.5 - 13 - 16 mm



info@ires.dental  
www.ires.dental  
eshop.ires.dental



# SHAPEONE



Code	Thread	Connection	Platform	Hex	Treatment
B	Triple	Internal hex	3.5 mm	2.5 mm	C - HYHA
Tn	Triple	Internal hex	3.5 mm	2.5 mm	C
T	Triple	Internal oct	4.8 mm	3.1 mm	C

## EXCELLENT PRIMARY STABILITY EVEN IN D4 TYPE BONE

1. Platform switching; 2. 1 mm machined neck to protect from bacterial attacks; 3. Tapered self tapping with cutting coronal thread for a better force discharge on cortical bone to provide excellent stability even in few millimeters; 4. 55° triple thread over the entire body implant with a pitch of 1,8 mm 4 (0,6 mm/thread); each turn allows to go down of 1,8mm, speeding up the insertion phase; 5. 3 apical aggressive cuts provide a better primary stability and centering of the implant and the possibility to change direction during its insertion; 6. Aggressive apex but rounded to protect the Schneider's membrane.



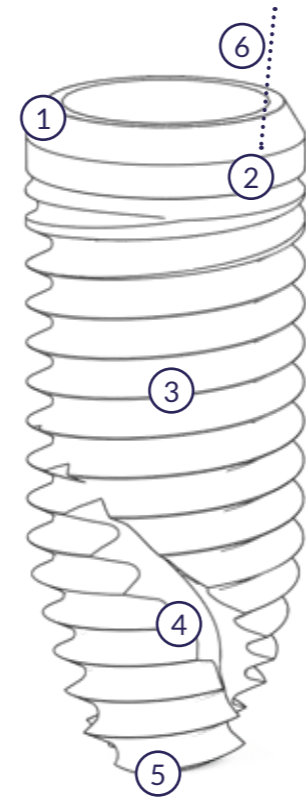
S1B - C  
Bone level

S1B - HYHA  
Bone level

S1TN  
Bone level o Tissue level

S1T  
Tissue level

# iMAX NHSIC



Code	Thread	Connection	Platform	Hex	Treatment
NHSIC	Double, fine pitch	Cone-morse	Narrow	2.1 mm	C
NHSIC	Double, fine pitch	Cone-morse	Regular	2.5 mm	C

## THE MOST RELIABLE CONNECTION WITH DIFFERENT EMERGENCE PROFILES

1. Platform switching, unique prosthesis for all the diameters; 2. 1 mm machined neck; 3. 55° double thread over the entire body implant with 5 a pitch of 1,2 mm (0,6 mm/thread); each turn allows to go down of 1,2mm, speeding up the insertion phase; 4. 2 helicoidal apical cuts; 5. Conical flat-tip apex; 6. 5° cone inclination on implant and abutment

It's proven that the cone-morse connection creates smaller slits (1µm) of bacteria (1,1-1,5µm length, 2-6µm diameter). Cone-morse connection absorbs vibration and chewing stress by eliminating the unscrewing of the screws (0.37%)



NHSIC  
Bone level

# VOLUTION



Code	Thread	Connection	Platform	Hex	Treatment
SVB 3.3	Double	Internal hex	3.2 mm	2.1 mm	C
SVB	Double	Internal hex	3.5 mm	2.5 mm	C

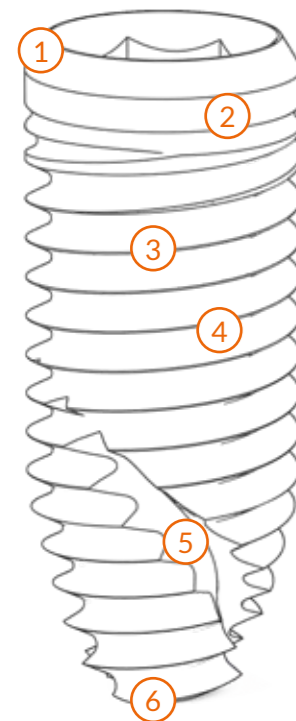
## LARGE DOUBLE THREAD FOR AN EASIER INSERTION PHASE

1. Hexagonal internal connection with Friction Fit; 2. Machined neck with double platform switching and profile with toothed hermetic cover. It distributes the pressure on the cortical bone and ensures a seal that prevents the penetration of bacteria and the onset of peri-implantitis; 3. Implant with ogival design (bullet type). It ensures a higher penetration capacity; 4. Pronounced threads with cutting profile. They provide higher primary stability and self-tapping properties. Higher stability in soft bone 3/4 and less compression in hard bone 1/2); 5. Spiral counter-unload furrows. They increase primary stability and prevent the progression of peri-implantitis, interrupting the spires that act as a chute for bacteria; 6. Tip with self-perforating auger design with grinding effect. It produces bone shavings and stimulates osteogenesis.



Volution SVB  
Bone level

# iMAX



Code	Thread	Connection	Platform	Hex	Treatment
NHSI 3.3	Double, fine pitch	Internal hex	3.2 mm	2.1 mm	C - HYHA
NHSI	Double, fine pitch	Internal hex	3.5 mm	2.5 mm	C - HYHA
NHSE 3.3	Double, fine pitch	External hex	3.5 mm	2.4 mm	C - HYHA
NHSE	Double, fine pitch	External hex	4.1 mm	2.7 mm	C - HYHA

## UNIVERSAL IMPLANT, FOR ALL TYPES OF BONE

1. Platform switching; 2. 1 mm machined neck; 3. Cylindrical body; 4. 55° double thread over the entire body implant with a pitch of 1,2 mm 4 (0,6 mm/thread); each turn allows to go down of 1,2mm, speeding up the insertion phase; 5. 2 helicoidal apical cuts; 6. Conical flat-tip apex



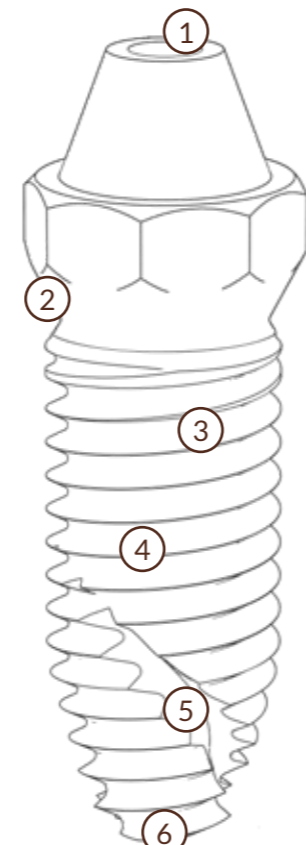
NHSI - C  
Bone level

NHSI - HYHA  
Bone level

NHSE - C  
Bone level

NHSE - HYHA  
Bone level

# iMAXMUA



Code	Thread	Connection	Platform	Angle	Treatment
NHSM 00	Double	One Piece	4.3 mm	0°	HYHA
NHSM 18	Double	One Piece	4.3 mm	18°	HYHA
NHSM 30	Double	One Piece	4.3 mm	30°	HYHA

## ONEPIECE FOR IMMEDIATE LOADING

1. Hole for retaining screw; 2. 1.5mm of neck; 3. Cylindrical body; 4. 55° double thread over the entire body implant with a pitch of 1,2 mm 3 (0,6 mm/thread); each turn allows to go down of 1,2mm, speeding up the insertion phase; 5. 2 helicoidal apical cuts; 6. Conical flat-tip apex

The use of the retention screw for MUA components, from the current 1.4 mm to 1.72 mm to eliminate the unscrewing possibility of MUA components. Smaller size both of the cone and the supporting surface, from 4.8 mm to 4 mm. Reduced footprint for the prosthesis benefit.

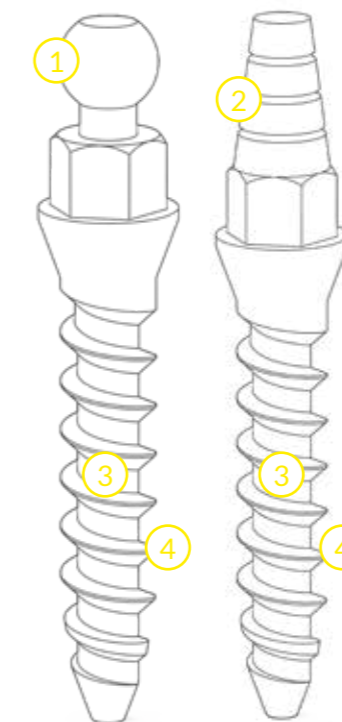


iMAX - NHSM00  
Tissue level

iMAX - NHSM18  
Tissue level

iMAX - NHSM30  
Tissue level

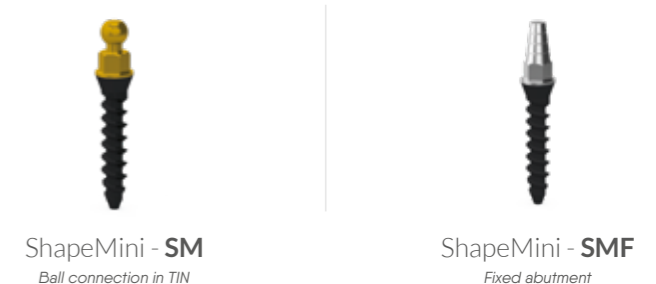
# SHAPEMINI



Code	Thread	Connection
SM	Single	With ball connection in TIN
SMF	Single	With fixed abutment

## SINGLE-THREAD IMPLANT

1. Ball attachment system (SM version), ideal for overdenture; 2. Connection suitable for the cementation of the abutments (SMF version); 3. Self-tapping cylindrical body with single thread, pitch of 1.2 mm; 4. Thread with lower angle of 43° and upper of 23°.



ShapeMini - SM  
Ball connection in TIN

ShapeMini - SMF  
Fixed abutment