tag dental

T.A.G. Medical Corporation LTD Products is an innovator in the field of medical and dental equipment and implants.

Idyllically located in Kibbutz Gaaton, among the rolling hills and avocado groves of Israel's Western Galilee region, T.A.G. Medical Products was established as a subsidiary of the metal machine workshop that was founded on the kibbutz in 1949. By 1992, the company had broadened development and production capabilities, and began blazing the trail towards its current position as a leader in the manufacturing of surgical instruments.

T.A.G. Medical Products established two professional departments:

tag arthro

The Orthopedic Division: Produced sterile and non-sterile medical and surgical devices and implants for Arthroscopy, Orthopedic and Endoscopy.

tag dental

The Dental Division: Offers high quality implantology products, including: Dental implants, Superstructures, instruments, and biological materials.

Quality is everyone's responsibility at our company, and we invest time and effort to ensure that we consistently deliver high quality products

T..A.G. is ISO 13485:2003 certified including CAN/CSA & CMDCAS by LNE.

All products are carry the CE Mark according to Annex II (Notified Body – LNE)

The scope of certifications covers the design, development, manufacturing and marketing of Orthopaedic and Dental Implants, Disposable and Reusable Surgical Instruments, including Force Gauges for rehabilitation.

The TAG Dental implant system products are cleared for marketing in the USA* (K143326)

implants

Our expert development team with its many years of dental experience pleased to introduce a new generation of implants based on the concept of platform switching:

axis

massif

crestone

All implants are made of biocompatible Titanium alloy Grade 23 (Ti 6AL 4V ELI) .

The stability of the implant is a critical factor that will determine the final osseointegration results.
All implants are Titanium alloy designed for all bone types.

tag dental

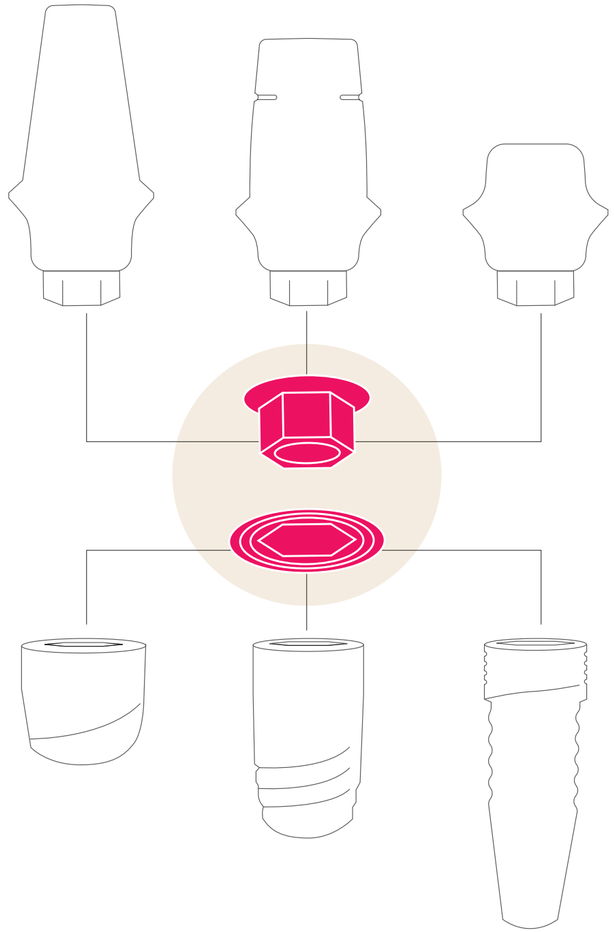
AdvanTAGes

CONNECTION

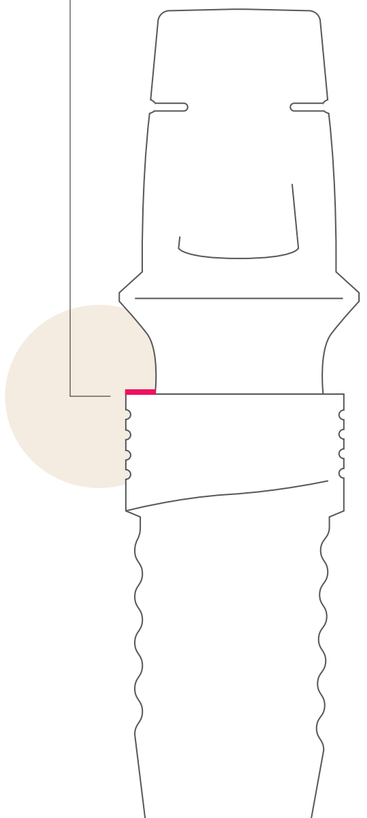
ONE
IMPLANT
SYSTEM

Internal Hex.
Same for All Implants

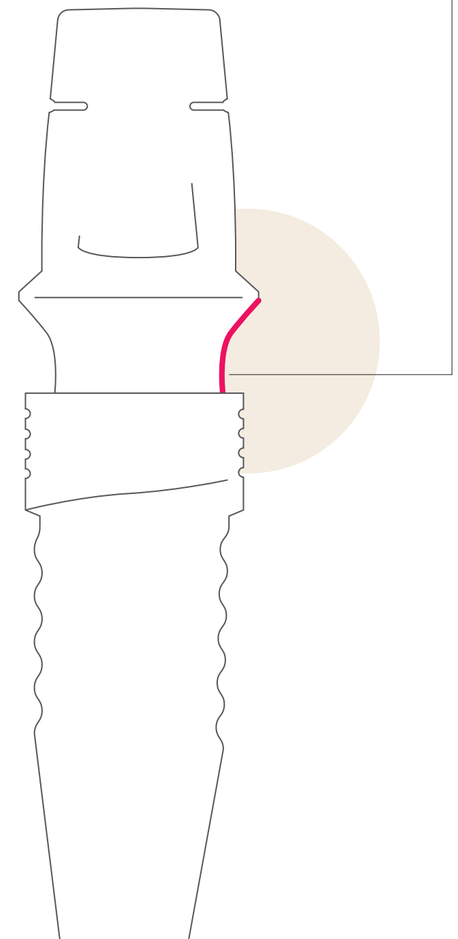
Ø3.30-6.0 mm



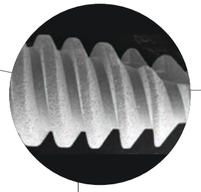
PLATFORM SWITCHING

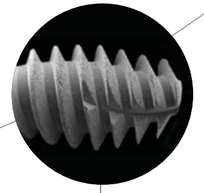


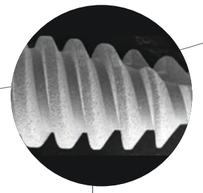
REVERSE CROWN CONCAVE PROFILE



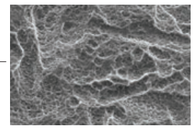
MACRO POROUS



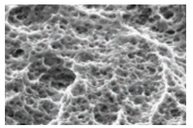




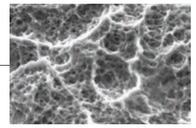
axis



crestone



massif



tag

Zn	Mg	Na	AL	K	P	Cl	V	S	Si	Ca	N	O	Ti	C	area	Implant
		0.34	0.84				0.29	0.08		0.24	0.21	52.58	15.81	29.57	#1	
			0.63				0.54			0.31	0.84	53.54	16.32	27.86	#2	

axis

axis

CONNECTION

Internal hexagon 2.44mm

Preventing implant/abutment rotation

Provides positioning indication

Provide accurate and firm insertion using dedicated tools.

TOP

4 Micro threads at the top of the implant decrease the stress in the crestal zone and increase the contact area in the cortical bone.

GEOMETRY

Wide pitch progressive thread enables bone compression during insertion, ultimately improving the bone's volume support, and positively affecting cancellous bone.

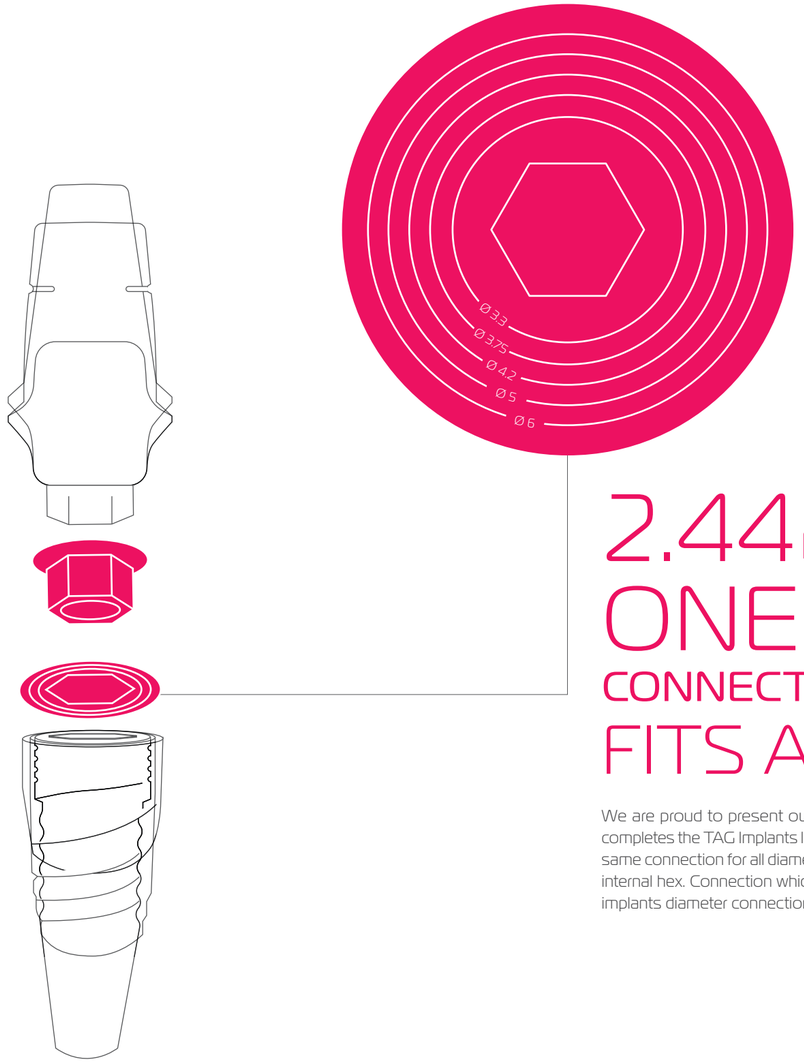
SURFACE

The micro surface achieved by blasting technology followed by acid etching

APICAL

Self-tapping allows an exceptional cutting capabilities, and is responsible for increased stability during insertion as the implant carves, fills, and compresses the bone.

axis IMPLANTS RANGE



2.44 MM ONE CONNECTION FITS ALL

We are proud to present our new Axis dia. 3.30mm that completes the TAG Implants line and finalizes the concept of same connection for all diameters. The narrow is a 2.44mm internal hex. Connection which is the same as all our other implants diameter connection.

Due to the special design of the implant:

- Average static load test showed an average of 666N
- Fatigue limit of the implants tested obtained was 340N with 5 million cycles.

The static and fatigue test performed on our 3.3mm implants at the Technion (Haifa Israel) demonstrated exceptional resistance to load and cycle compared to other implants companies.

Implant 3.3

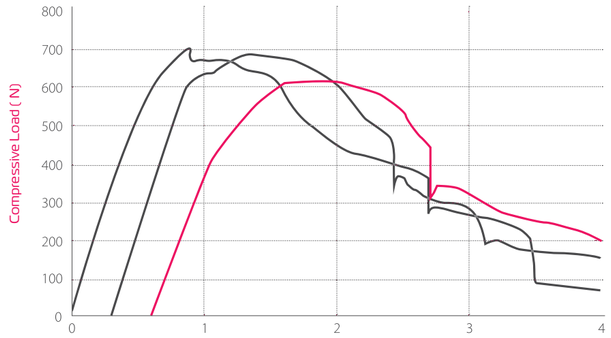
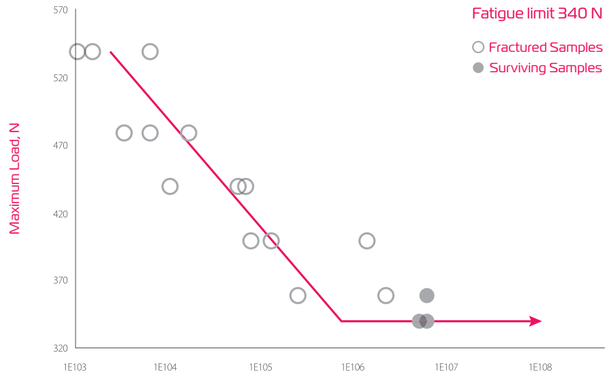
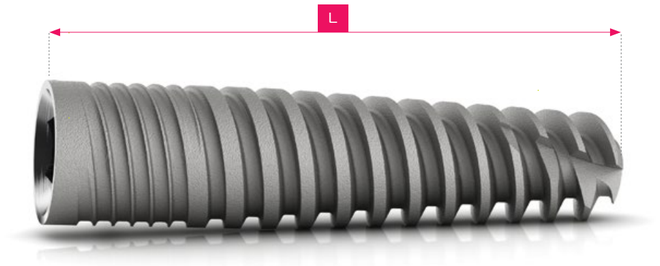


Fig. 4. Static Loading Curve





3.3

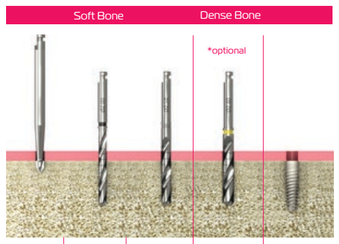
IA1-33010
L-10 mm

IA1-33011
L-11.5mm

IA1-33013
L-13mm

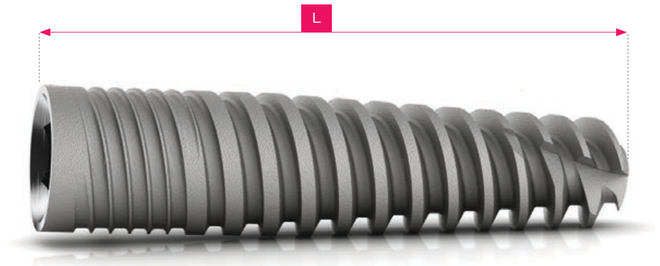
IA1-33016
L-16mm

Ø 3.3mm Implant Procedure



Drill Speed (RPM)	1200-1500	900-1200	700-900	500-700
Diameter	Ø 1.90	Ø 2.0	Ø 2.5	Ø 2.8

This procedure does not replace the professional judgment of the surgeon



3.75

IA1-37508
L-8mm

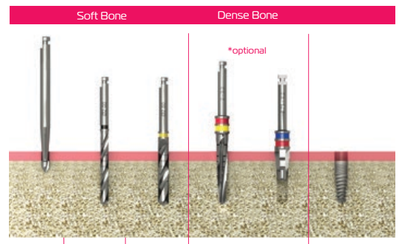
IA1-37510
L-10mm

IA1-37511
L-11.5mm

IA1-37513
L-13mm

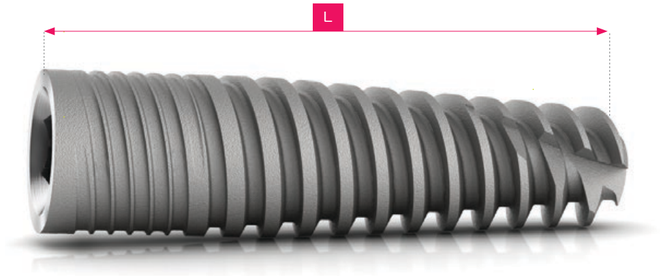
IA1-37516
L-16mm

Ø 3.75mm Implant Procedure



Drill Speed (RPM)	1200-1500	900-1200	500-700	400-700	200-400
Diameter	Ø 1.90	Ø 2.0	Ø 2.8	C 3.2	Ø 3.75/4.2

This procedure does not replace the professional judgment of the surgeon



4.2

IA1-42006
L-6mm

IA1-42008
L-8mm

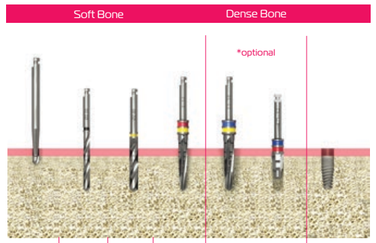
IA1-42010
L-10mm

IA1-42011
L-11.5mm

IA1-42013
L-13mm

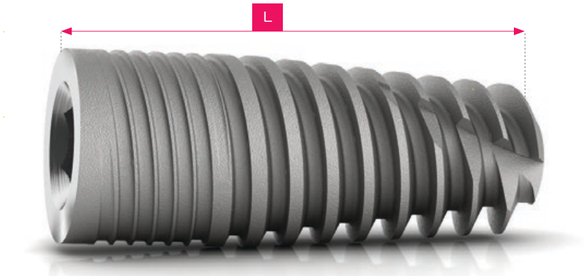
IA1-42016
L-16mm

Ø 4.2mm Implant Procedure



Drill Speed (RPM)	1200-1500	900-1200	500-700	400-700	400-600	200-400
Diameter	Ø1.90	Ø 2.0	Ø 2.8	C 3.2	C 3.8	Ø 3.5/4.2

This procedure does not replace the professional judgment of the surgeon



5.0

IA1-50006
L-6mm

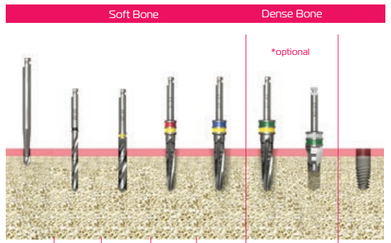
IA1-50008
L-8mm

IA1-50010
L-10mm

IA1-50011
L-11.5mm

IA1-50013
L-13mm

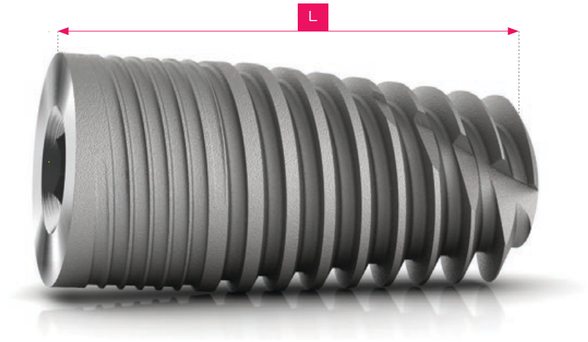
Ø 5.0mm Implant Procedure



Drill Speed (RPM)	1200-1500	900-1200	500-700	400-700	400-600	300-500	200-400
Diameter	Ø1.90	Ø 2.0	Ø 2.8	C 3.2	C3.8	C4.5	Ø 5/6

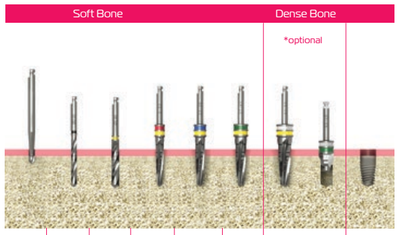
This procedure does not replace the professional judgment of the surgeon

6.0



IA1-60006	IA1-60008	IA1-60010	IA1-60011	IA1-60013
L-6mm	L-8mm	L-10mm	L-11.5mm	L-13mm

Ø 6.0mm Implant Procedure



Drill Speed (RPM)	1200-1500	900-1200	500-700	400-700	400-600	300-500	450-250	200-400
Diameter	Ø1.90	Ø 2.0	Ø 2.8	C 3.2	C 3.8	C4.5	C5.5	Ø 5/6

This procedure does not replace the professional judgment of the surgeon

massif

MASSIF

One of our most advanced implants -
a cylindrical screw-type implant

CONNECTION

Internal hexagon 2.44mm

Preventing implant/abutment rotation

Provides positioning indication

Provide accurate and firm insertion using dedicated tools.

TOP

Micro rings - 4 micro rings and connecting micro thread at the top of the implant increase the envelop surface as well as bone to implant contact, thus improving the implant's primary stability and inter facial shear strength, especially in the crestal zone.

GEOMETRY

A progressive thread allows bone compression and initial stability in the bone, and enables load transfer from the crestal to the cancellous bone.

The double macro thread offers quick implantation, while the deep profile reverse buttress provides high bone grip and stability.

SURFACE

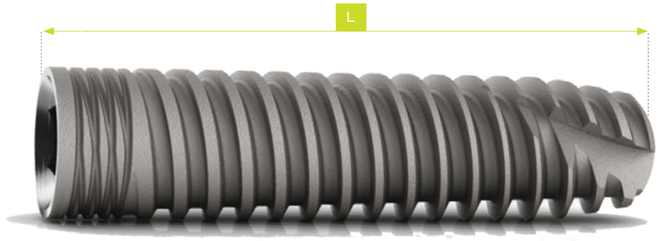
The entire implant surface treatment includes Blasting technology and Acid Etching.

APICAL

Self-tapping allows an exceptional cutting capabilities, and is responsible for increased stability during insertion as the implant carves, fills, and compresses the bone.

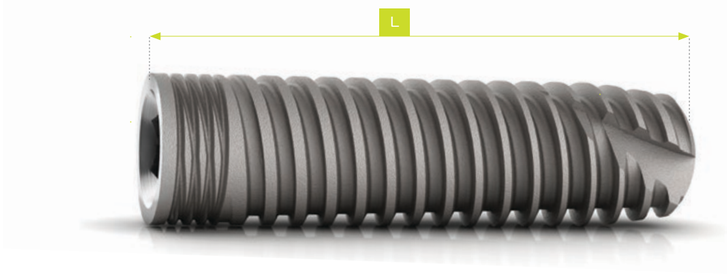
MASSIF IMPLANTS RANGE

⌀					
3.75		IM1-37508 L-8mm	IM1-37510 L-10mm	IM1-37511 L-11.5mm	IM1-37513 L-13mm	IM1-37516 L-16mm
4.2	IM1-42006 L-6mm	IM1-42008 L-8mm	IM1-42010 L-10mm	IM1-42011 L-11.5mm	IM1-42013 L-13mm	IM1-42016 L-16mm
5.0	IM1-50006 L-6mm	IM1-50008 L-8mm	IM1-50010 L-10mm	IM1-50011 L-11.5mm	IM1-50013 L-13mm	
6.0	IM1-60006 L-6mm	IM1-60008 L-8mm	IM1-60010 L-10mm	IM1-60011 L-11.5mm	IM1-60013 L-13mm	



3.75

IM1-37508	IM1-37510	IM1-37511	IM1-37513	IM1-37516
L-8mm	L-10mm	L-11.5mm	L-13mm	L-16mm



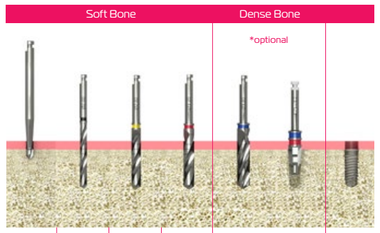
4.2

IM1-42006	IM1-42008	IM1-42010	IM1-42011	IM1-42013	IM1-42016
L-6mm	L-8mm	L-10mm	L-11.5mm	L-13mm	L-16mm

Ø 3.75mm Implant Procedure

Drill Speed (RPM)	1200-1500	900-1200	500-700	400-700	200-400
Diameter	Ø 1.90	Ø 2.0	Ø 2.8	Ø 3.2	Ø 3.75/4.2

This procedure does not replace the professional judgment of the surgeon

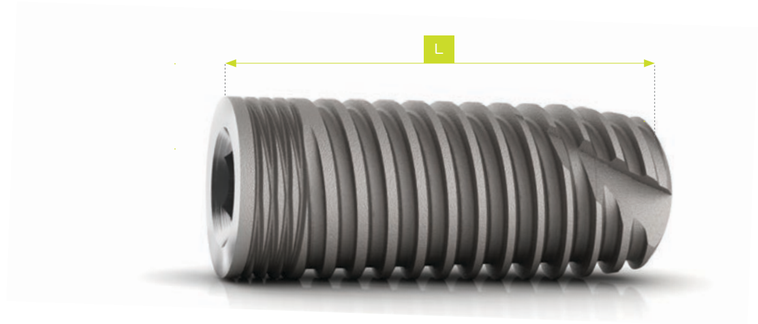


Ø 4.2mm Implant Procedure

Drill Speed (RPM)	1200-1500	900-1200	500-700	400-700	400-600	200-400
Diameter	Ø 1.90	Ø 2.0	Ø 2.8	Ø 3.2	Ø 3.8	Ø 3.75/4.2

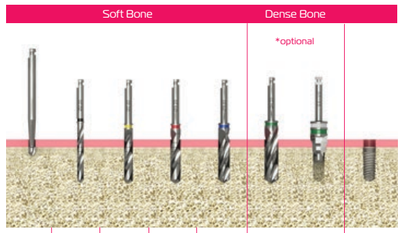
This procedure does not replace the professional judgment of the surgeon

5.0



IM1-50006	IM1-50008	IM1-50010	IM1-50011	IM1-50013
L-6mm	L-8mm	L-10mm	L-11.5mm	L-13mm

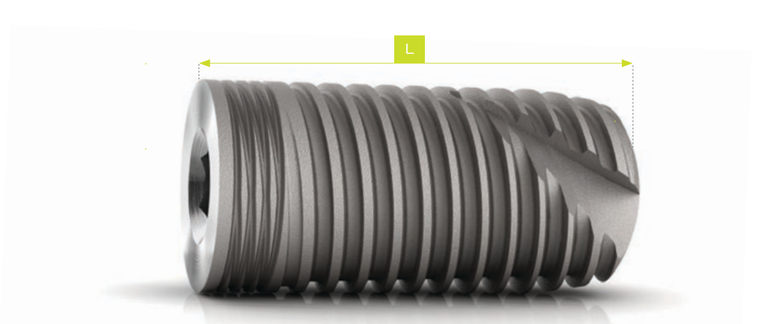
Ø 5.0mm Implant Procedure



Drill Speed (RPM)	1200-1500	900-1200	500-700	400-700	400-600	300-500	200-400
Diameter	Ø1.90	Ø2.0	Ø2.8	Ø3.2	Ø3.8	Ø4.5	Ø5/6

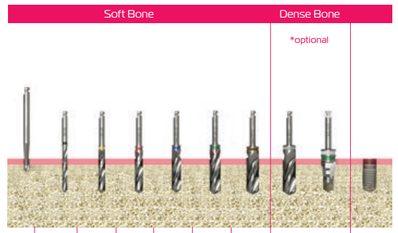
This procedure does not replace the professional judgment of the surgeon

6.0



IM1-60006	IM1-60008	IM1-60010	IM1-60011	IM1-60013
L-6mm	L-8mm	L-10mm	L-11.5mm	L-13mm

Ø 6.0mm Implant Procedure



Drill Speed (RPM)	1200-1500	900-1200	500-700	400-700	400-600	300-500	200-400	200-450	200-400
Diameter	Ø1.90	Ø2.0	Ø2.8	Ø3.2	Ø3.8	Ø4.5	Ø5	Ø5.5	Ø5/6

This procedure does not replace the professional judgment of the surgeon

crestone

crestone

A one piece implant, designed with an integrated abutment for a single stage surgical procedure

CONNECTION

External square 2.10mm

Preventing implant/abutment rotation

Provides positioning indication

Provide accurate and firm insertion using dedicated tools.

TOP

Crestone implant design features an integrated abutment for a single stage surgical procedure, and a force transferring geometry (2.1 square) for firm insertion.

GEOMETRY

Innovative design with dual thread for easy insertion ensures maximum strength and stability.

SURFACE

The micro surface achieved by blasting technology followed by acid etching.

APICAL

Self-tapping allows for exceptional cutting capabilities, and is responsible for increased stability during insertion as the implant carves, fills, and compresses the bone.

Made of biocompatible Titanium Alloy Grade 23 (TI 6AL 4V ELI).

It is recommended to use the Crestone in narrow ridges and tight spaces.

Available in several Lengths and Diameters.

crestone IMPLANTS RANGE

3.0

IC1-30010	IC1-30011	IC1-30013	IC1-30016
L-10mm	L-11.5mm	L-13mm	L-13mm

3.5

IC1-35010	IC1-35011	IC1-35013	IC1-35016
L-10mm	L-11.5m	L-13mm	L-16mm

PP1-0002

One Piece Analog 19mm / Stainless Steel

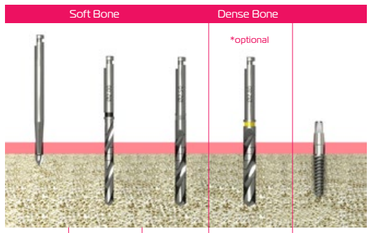
TK1-0011

Square Driver One Piece 28mm / Stainless Steel

3.0

IC1-30010	IC1-30011	IC1-30013	IC1-30016
L-10mm	L-11.5mm	L-13mm	L-16mm

Ø 3.0mm Implant Procedure



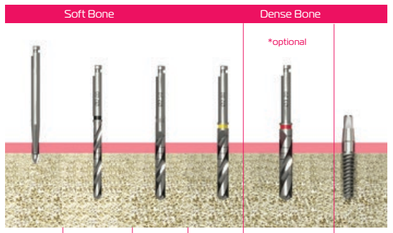
Drill Speed (RPM)	1200-1500	900-1200	700-900	500-700
Diameter	Ø 1.90	Ø 2.0	Ø 2.5	Ø 2.8

This procedure does not replace the professional judgment of the surgeon

3.5

IIC1-35010	IC1-35011	IC1-35013	IC1-35016
L-10mm	L-11.5mm	L-13mm	L-16mm

Ø 3.5mm Implant Procedure



Drill Speed (RPM)	1200-1500	900-1200	700-900	500-700	400-700
Diameter	Ø 1.90	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2

This procedure does not replace the professional judgment of the surgeon

- Visual identification of implant diameter by cup color
- Implant length and diameter are labeled upon the cap
- Each implant is packed in a sealed sterile tube and closed within a shrink sleeve for absolute impermeability

tag dental