Implant Overview

SpiralTech™
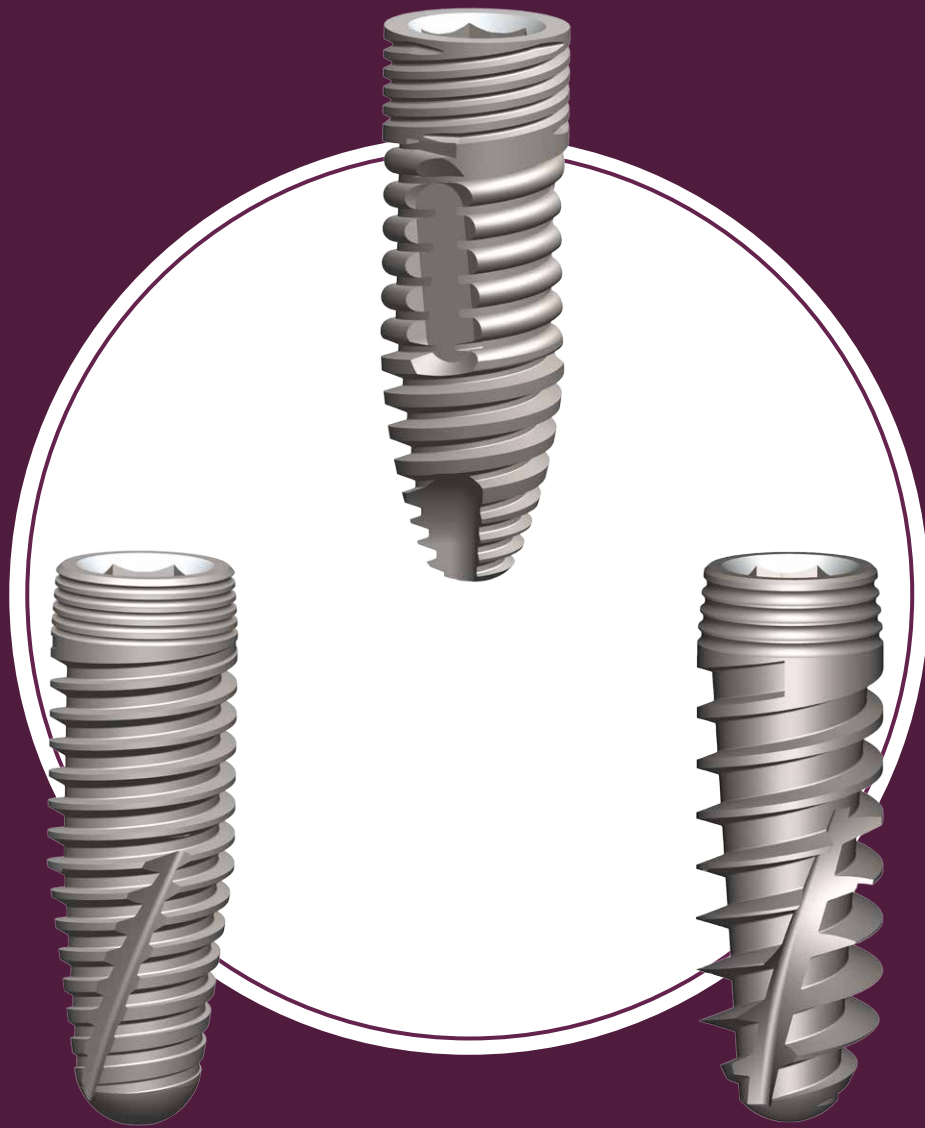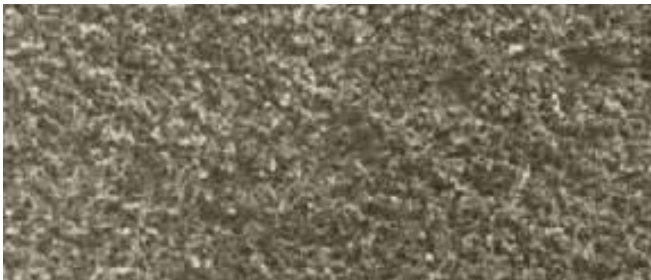
Surface Treatment...Proven Surfaces

All SpiralTech implants have a proven RBM (Resorbable Blast Media) or SA (Sandblasted and Acid Etched) surface coating.

Applied in a controlled environment, the RBM process uniformly micro-roughens the implant to maximize surface area, bone cell growth and adhesion. Filler layers that could later form debris or compromise healing are omitted.
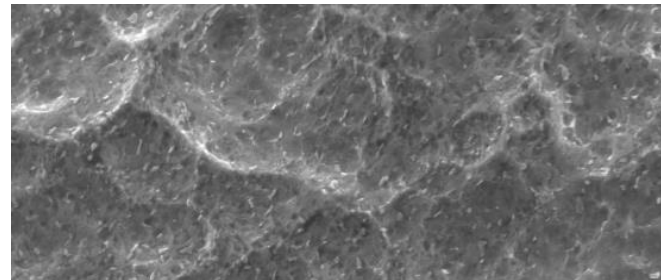
RBM Surface Treatment

The role of a roughened surface aiding in implant fixation has been well established. Recent concern regarding embedded media from glass beading and grit blasting operations has prompted interest in developing a method to avoid this contamination. Osteolysis is a primary concern, and has been shown to relate to particulate debris. RBM Bio-Coat has succeeded in developing a process that provides a roughened surface to aid in osseointegration without the presence of unwanted debris embedded in the implant surface.

SA Surface Treatment

SA is a rough surface technology accomplished by using micro-grit sandblasting. As a result, the titanium implant surface will exhibit a rough morphology and numerous small holes. The next step is to apply a double-etching process to the implant surface in order to remove all implant contamination. The average size roughness is 2.0 ± 5.0 µ for an ideal cell attachment.
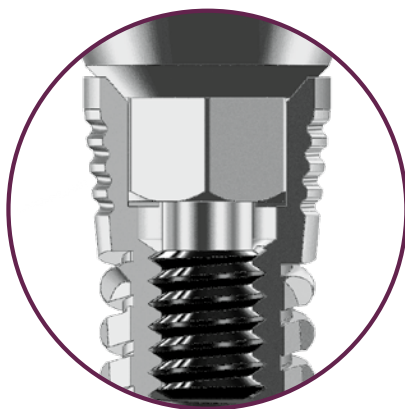
RBM Surface

SA Surface

Three implants...Choice of Connection.

Each implant comes with Hex or Conical Hex Connection.

Both provide benefits of bone level platform switching. This is ideal for soft tissue maintenance and strong internal connections.

HEX CONNECTION

With many years of proven success, the hex connection is reliable and strong.
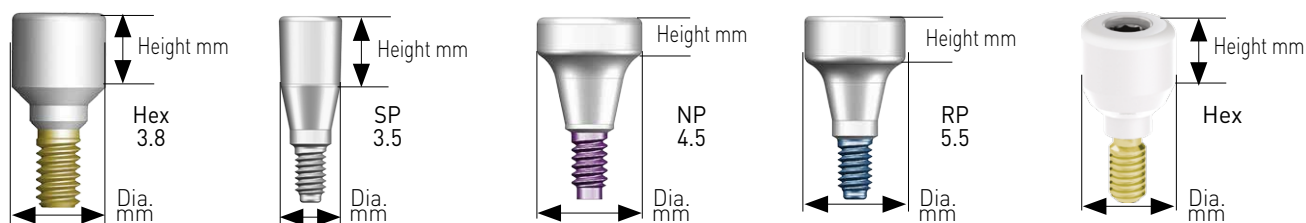
CONICAL HEX CONNECTION

The internal conical connection is increasingly popular due to its stability, precision fit and long-term strength.

Titanium & Zirconia Healing Abutments

Available in various heights and diameters, healing abutments are used to sculpt soft tissues in preparation for placement of the final restoration. They can be used in the one-stage or two-stage surgical approach. All flat zirconia abutments have a 5mm height above the margin.*

Design	Diameter (mm)	Facial Height (mm)	Hex Catalog No.	NP Conical Catalog No.	RP Conical Catalog No.	Slim Conical Catalog No.
Healing Cap, slim	3.5	2	-	-	-	HACSP352
		3	-	-	-	HACSP353
		4	-	-	-	HACSP354
		5	-	-	-	HACSP355
		6	-	-	-	HACSP356
Healing Cap, narrow	3.8	2	HAH382	HACNP382	HACRP382	-
		3	HAH383	HACNP383	HACRP383	-
		4	HAH384	HACNP384	HACRP384	-
		5	HAH385	HACNP385	HACRP385	-
		6	HAH386	HACNP386	HACRP386	-
Healing Cap, medium	4.5	2	HAH452	HACNP452	HACRP452	-
		3	HAH453	HACNP453	HACRP453	-
		4	HAH454	HACNP454	HACRP454	-
		5	HAH455	HACNP455	HACRP455	-
		6	HAH456	HACNP456	HACRP456	-
Healing Cap, wide	5.5	2	HAH552	-	HACRP552	-
		3	HAH553	-	HACRP553	-
		4	HAH554	-	HACRP554	-
		5	HAH555	-	HACRP555	-
		6	HAH556	-	HACRP556	-
	6.0	2	HAH602	-	HACRP602	-
		3	HAH603	-	HACRP603	-
		4	HAH604	-	HACRP604	-
		5	HAH605	-	HACRP605	-
		6	HAH606	-	HACRP606	-
Zirconia Healing Cap*	3.5	2	-	-	-	ZHCSP352
		3	-	-	-	ZHCSP353
		4	-	-	-	ZHCSP354
		5	-	-	-	ZHCSP355
		6	-	-	-	ZHCSP356
	3.8	2	ZHCH382	ZHCNP383	ZHCRP383	-
		3	ZHCH383	ZHCNP384	ZHCRP384	-
		4	ZHCH384	ZHCNP385	ZHCRP385	-
		6	ZHCH386	ZHCNP386	ZHCRP386	-
	4.3	3	ZHCH433	ZHCNP433	ZHCRP433	-
		4	ZHCH434	ZHCNP434	ZHCRP434	-
	5.5	3	ZHCH553	-	ZHCRP553	-
		4	ZHCH554	-	ZHCRP554	-

*Call for more information.

Hex 3.8 — Height mm, Dia. mm
SP 3.5 — Height mm, Dia. mm
NP 4.5 — Height mm, Dia. mm
RP 5.5 — Height mm, Dia. mm
Hex — Height mm, Dia. mm

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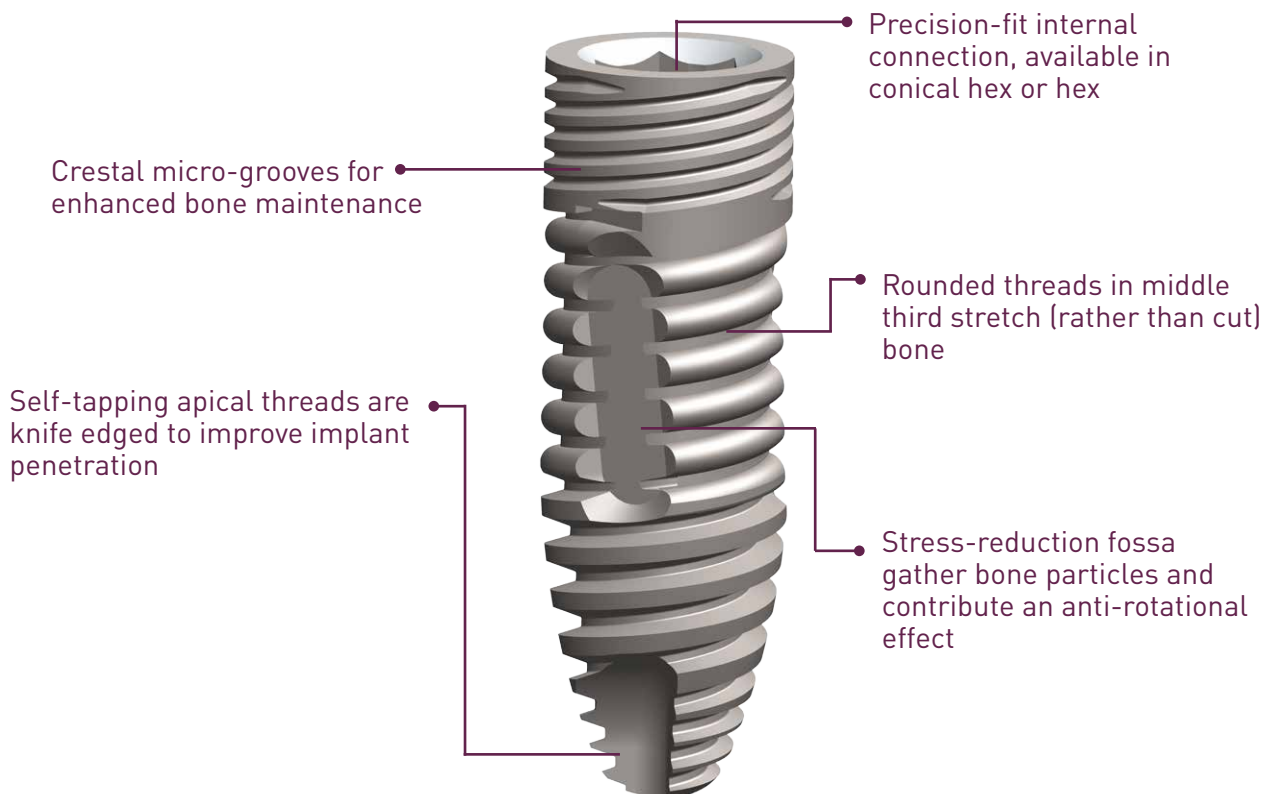
ESi™ Implant Patent number 9,387,027 B2

The Essential Spectrum implant (ESi™) has been patented. It is versatile and can be used in most clinical situations. The ESi has advanced features found on no other implant.

Placement of the ESi implant is intuitive and fast. The self-tapping threads allow for retracting and re-positioning to the desired location. Great for beginning and experienced surgeons alike.

All implants are provided with the corresponding cover screw and average-size healing abutment (3.5 mm diameter, 4.0 mm height).

Benefits of the ESi Implant

- The first thread helps in cutting, while the second aids in stabilization and the third thread permits micro space, which with the help of fossa accelerates the osseointegration process
- Implant can be redirected after insertion
- Good for both hard and soft bones
- High quality precision
- Economical price point

Precision-fit internal connection, available in conical hex or hex

Crestal micro-grooves for enhanced bone maintenance

Rounded threads in middle third stretch (rather than cut) bone

Self-tapping apical threads are knife edged to improve implant penetration

Stress-reduction fossa gather bone particles and contribute an anti-rotational effect

toll free 888-991-7997

ESi™ Implants
with Standard Hex or Conical Hex Connection

Hex Connection

Diameter (mm)	Length (mm)	Catalog No.
3.50	8.0	ESi35008
	10.0	ESi35010
	11.5	ESi35011
	13.0	ESi35013
	15.0	ESi35015
4.30	6.0*	ESi43006
	8.0	ESi43008
	10.0	ESi43010
	11.5	ESi43011
	13.0	ESi43013
	15.0	ESi43015
5.00	6.0*	ESi50006
	8.0	ESi50008
	10.0	ESi50010
	11.5	ESi50011
	13.0	ESi50013
	15.0	ESi50015
6.00	6.0*	ESi60006
	8.0	ESi60008
	10.0	ESi60010
	11.5	ESi60011
	13.0	ESi60013
	15.0	ESi60015

Conical Hex Connection

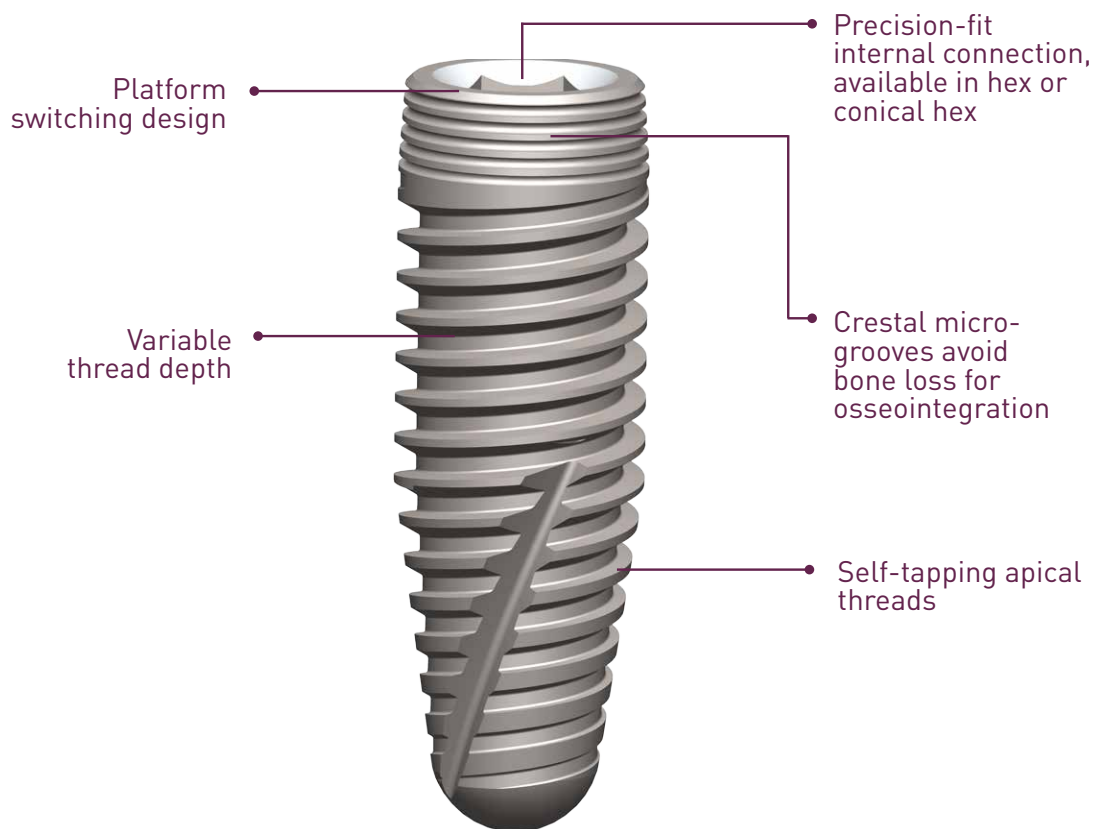| Diameter (mm)	Length (mm)	Catalog No.
3.00 NP	10.0	ESiC30010
	11.5	ESiC30011
	13.0	ESiC30013
	15.0	ESiC30015
3.50 NP	8.0	ESiC35008
	10.0	ESiC35010
	11.5	ESiC35011
	13.0	ESiC35013
	15.0	ESiC35015
4.30 RP	6.0*	ESiC43006
	8.0	ESiC43008
	10.0	ESiC43010
	11.5	ESiC43011
	13.0	ESiC43013
	15.0	ESiC43015
5.00 RP	6.0*	ESiC50006
	8.0	ESiC50008
	10.0	ESiC50010
	11.5	ESiC50011
	13.0	ESiC50013
	15.0	ESiC50015
6.00 RP	6.0*	ESiC60006
	8.0	ESiC60008
	10.0	ESiC60010
	11.5	ESiC60011
	13.0	ESiC60013
	15.0	ESiC60015

*Call for more information.

Premium Implant

The Premium Implant is a dependable, conventionally designed implant. While it can be used in all clinical situations, its conservative threads are best suited for healed ridges, with or without previous grafting.

All implants are provided with the corresponding cover screw and average-size healing abutment (3.5 mm diameter, 4.0 mm height).

Benefits of the Premium Implant

- Good for both hard and soft bones
- High quality precision
- Economical price point

Platform switching design

Precision-fit internal connection, available in hex or conical hex

Variable thread depth

Crestal micro-grooves avoid bone loss for osseointegration

Self-tapping apical threads

PREMIUM Implants
with Standard Hex or Conical Hex Connection

Hex Connection

Diameter (mm)	Length (mm)	Catalog No.
3.50	8.0	PR35008
	10.0	PR35010
	11.5	PR35011
	13.0	PR35013
	15.0	PR35015
4.30	6.0*	PR43006
	8.0	PR43008
	10.0	PR43010
	11.5	PR43011
	13.0	PR43013
	15.0	PR43015
5.00	6.0*	PR50006
	8.0	PR50008
	10.0	PR50010
	11.5	PR50011
	13.0	PR50013
	15.0	PR50015
6.00	6.0*	PR60006
	8.0	PR60008
	10.0	PR60010
	11.5	PR60011
	13.0	PR60013
	15.0	PR60015

Conical Hex Connection

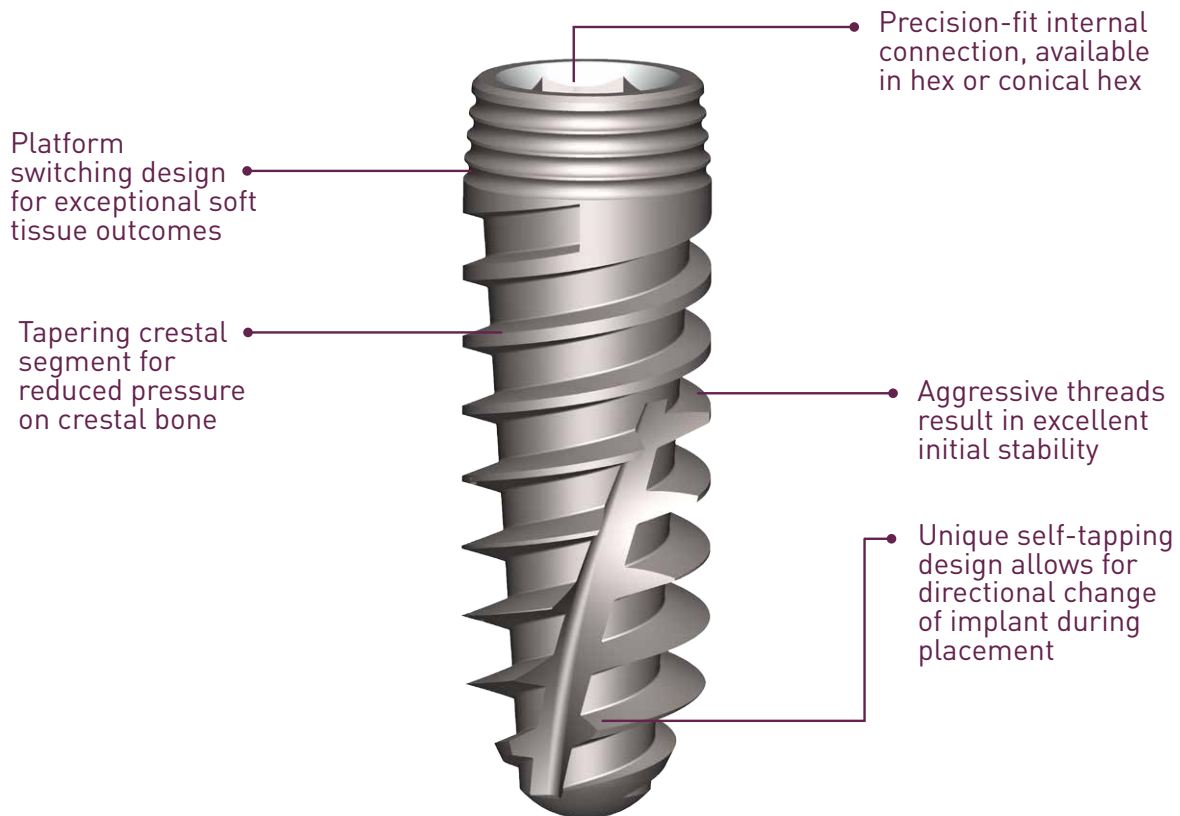| Diameter (mm)	Length (mm)	Catalog No.
3.50 NP	8.0	PRC35008
	10.0	PRC35010
	11.5	PRC35011
	13.0	PRC35013
	15.0	PRC35015
4.30 RP	6.0*	PRC43006
	8.0	PRC43008
	10.0	PRC43010
	11.5	PRC43011
	13.0	PRC43013
	15.0	PRC43015
5.00 RP	6.0*	PRC50006
	8.0	PRC50008
	10.0	PRC50010
	11.5	PRC50011
	13.0	PRC50013
	15.0	PRC50015
6.00 RP	6.0*	PRC60006
	8.0	PRC60008
	10.0	PRC60010
	11.5	PRC60011
	13.0	PRC60013
	15.0	PRC60015

*Call for more information.

Ultimate Implant

The Ultimate implant is an aggressive implant that is designed for high initial stability—even in soft bone. It is an excellent implant for immediate placement and/or immediate loading. Due to its innovative design, it can be redirected during placement to the ideal position.

All implants are provided with the corresponding cover screw and average-size healing abutment (3.5 mm diameter, 4.0 mm height).

Benefits of the Ultimate Implant

- Surface coding primarily RBM.
- Wide spectrum of titanium and zirconium.
- Excellent for Type II III and IV bone.

Platform switching design for exceptional soft tissue outcomes

Tapering crestal segment for reduced pressure on crestal bone

Precision-fit internal connection, available in hex or conical hex

Aggressive threads result in excellent initial stability

Unique self-tapping design allows for directional change of implant during placement

toll free 888-991-7997

ULTIMATE Implants
with Standard Hex or Conical Hex Connection

Hex Connection

Diameter (mm)	Length (mm)	Catalog No.
3.50	8.0	UL35008
	10.0	UL35010
	11.5	UL35011
	13.0	UL35013
	15.0	UL35015
4.30	6.0*	UL43006
	8.0	UL43008
	10.0	UL43010
	11.5	UL43011
	13.0	UL43013
	15.0	UL43015
5.00	6.0*	UL50006
	8.0	UL50008
	10.0	UL50010
	11.5	UL50011
	13.0	UL50013
	15.0	UL50015
6.00	6.0*	UL60006
	8.0	UL60008
	10.0	UL60010
	11.5	UL60011
	13.0	UL60013
	15.0	UL60015

Conical Hex Connection

Diameter (mm)	Length (mm)	Catalog No.
3.00 NP	10.0	ULC33010
	11.5	ULC3011
	13.0	ULC33013
	15.0	ULC33015
3.50 NP	8.0	ULC35008
	10.0	ULC35010
	11.5	ULC35011
	13.0	ULC35013
	15.0	ULC35015
4.30 RP	6.0*	ULC43006
	8.0	ULC43008
	10.0	ULC43010
	11.5	ULC43011
	13.0	ULC43013
	15.0	ULC43015
5.00 RP	6.0*	ULC50006
	8.0	ULC50008
	10.0	ULC50010
	11.5	ULC50011
	13.0	ULC50013
	15.0	ULC50015
6.00 RP	6.0*	ULC60006
	8.0	ULC60008
	10.0	ULC60010
	11.5	ULC60011
	13.0	ULC60013
	15.0	ULC60015

*Call for more information.

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