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Quickdent PRODUCT CATALOG 2024-2025



  
quickdentimplant

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QUICKDENT IMPLANT SYSTEM

The home of smart solutions to all your implantology needs! Quickdent is home to the most cutting edge dental implant systems which are of premium quality with high osseointegrative property and innovative design. We envision to create a sustainable range of dental implants catering to varied jaw conditions. The USP of our systems is that Quickdent has graftless and immediate loading solutions available for all bone types. One of the prime features of our implant systems is that they are immediate loading with available two-piece and one-piece regular and basal implants. QUICKDENT implants follow the basic principle of ABC translating to All on Basal Cortical Immediate/ Delayed loading concept



Science



Innovation



Technology

Our team works in close collaboration with expert implantologists and biomedical engineers, focusing on developing original solutions for teeth replacement which are based on sound engineering principles and excellent manufacturing practices. This helps us in evolving the products to perfect every aspect of our implant systems and enables us to take esthetic dentistry to the next level. The cutting edge technology employed during our manufacturing process is constantly being upgraded, as we constantly strive to meet the highest quality standards. Our vision is to provide premium-quality implant systems affordable for patients and professionals alike. We offer responsive customer support and ongoing professional training courses to Dental professionals and technicians

“Happy Choice Of Every Dentist”

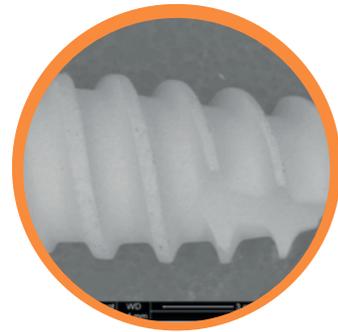
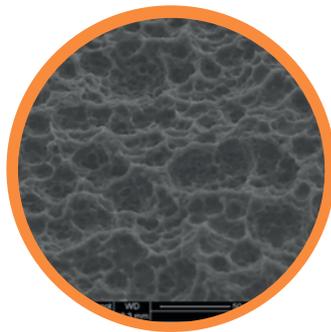
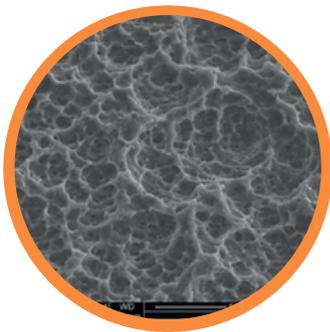


SURFACE TREATMENT AND MATERIAL

RBM SURFACE TREATMENT, GRADE 5

RBM plays the main role in roughened implant surfaces and provides increased retention strength. The topography, down to the micrometer, affects the attachment and the growth of new bone cells, more rapidly and more stable at the same time. The material used for the RBM process is Calcium Phosphate. This is a highly resorbable and biocompatible material. Usage of Calcium Phosphate as a blasting material eliminates the need for using strong acids for the removal of blasting material remnants. Such surface technology gives excellent results, reaching the optimal osseointegration and complete healing process with almost zero chance of abruption. Even the particles that are left are fully biocompatible, promote earlier bone in- growth and provide greater implant stability during the first critical weeks after placement.

RBM (Resorbable Blast Media) surface treatment is designed to roughen the implant surface without leaving the residual embedded blast particles or debris in the treated substrate. It resolves completely the issues which can occur with SLA, or other surface treatment and deliver impeccable results. The rough surface of the implant is crucial to achieving optimal osseointegration. It increases the success rate of Bone to Implant Contact (BIC), the healing process and tissue growth around the implant while eliminating the unwanted possibilities of post - surgery infections.



RBM an area at x 42 magnification from the center of the implant

FATIGUE TESTING

OSSI Implant

Fatigue Testing Failure Mode at 35°

- 445 N at 68900 cycles.
- 387 N at 5000,000 cycles.



Sample I.D. DS-3
Max Load 689 N

Korticale TPR Implant

Fatigue Testing Failure Mode at 35°

- 512 N at 97000 cycles.
- 423 N 151,300 cycles.
- 387 N at 5000,000 cycles.



Sample I.D. QD-1
Max Load 552 N

CLEAN IMPLANT

In the implantology, our mission stays the same – to provide the top level products at affordable prices. Quickdent Implant line meets the highest standards of the dental industry. With the years of experience in the market, Quickdent thrives to perfection in both quality assurance and customer services.

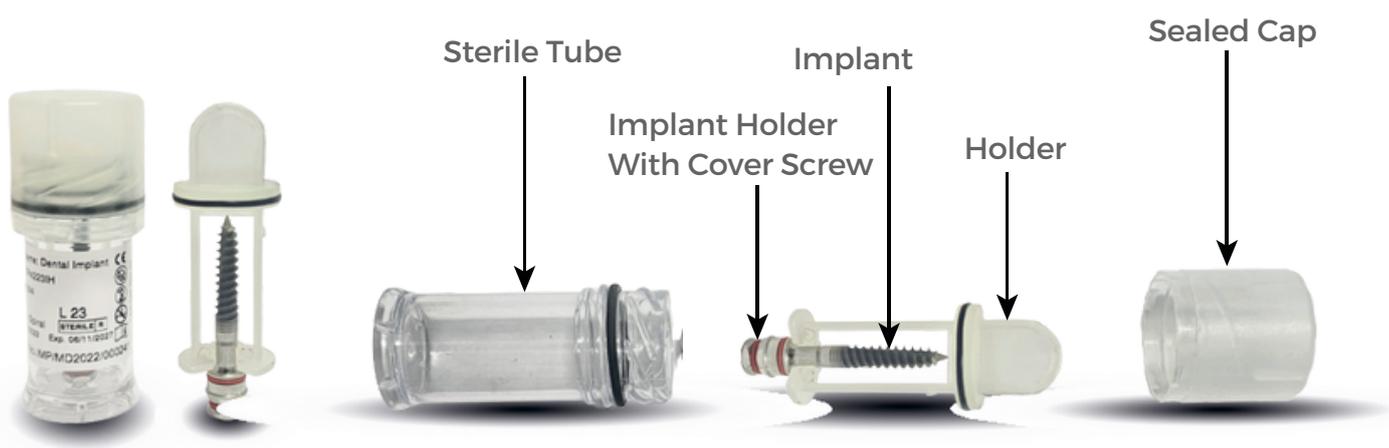
We believe in easy-to-use implant systems and products, that still provide the solutions even for the sophisticated cases. While being friendly to the new users, Quickdent implant systems offer a full prosthetic solution for the most demanding and experienced dental professionals. Our unique way is to combine an extensive knowledge base with creative engineering. Most of Quickdent Implant products are made from the Titanium alloy Ti6Al4V (Grade 5). This alloy is also known as Eli Grade 23 Titanium. ELI is short for "Extra Low Interstitials" that provide more ductility and better fracture toughness. The favorable combination of properties such as low specific weight, high strength to weight ratio, high modulus of elasticity, very high corrosion resistance and excellent general biocompatibility, makes it an ideal choice for the fabrication of dental superstructures and implants

Superior Raw Material

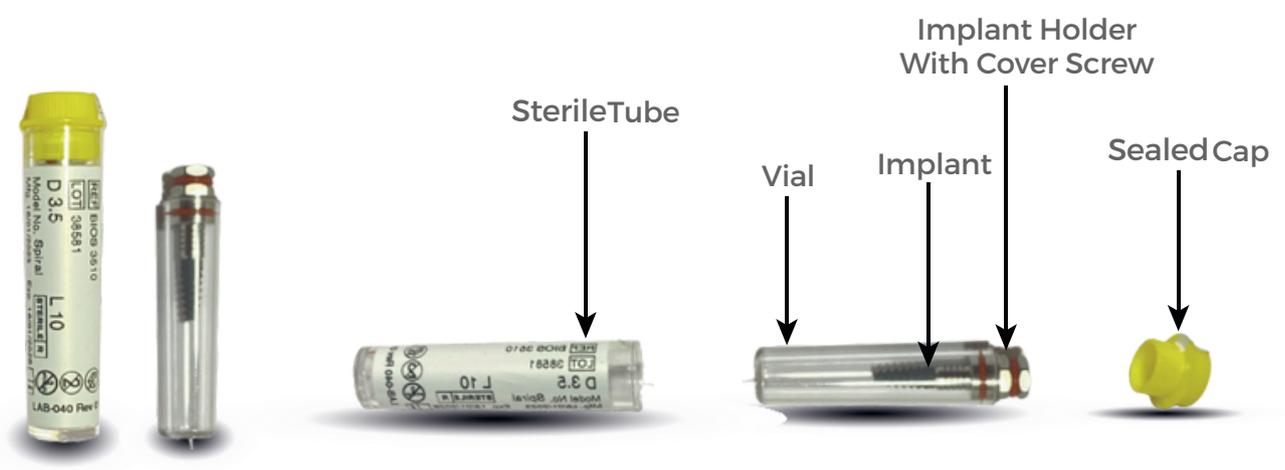
Quickdent Dental Implants:

- Made of biocompatible alloy Ti6Al-4V ELI.
- Pure titanium with Superior mechanical properties.
- Raw materials imported by leading American suppliers.





CLASSIC IMPLANTS PACKAGING



EASY SHIPMENT PACKAGING



Pterygoid implant packaging



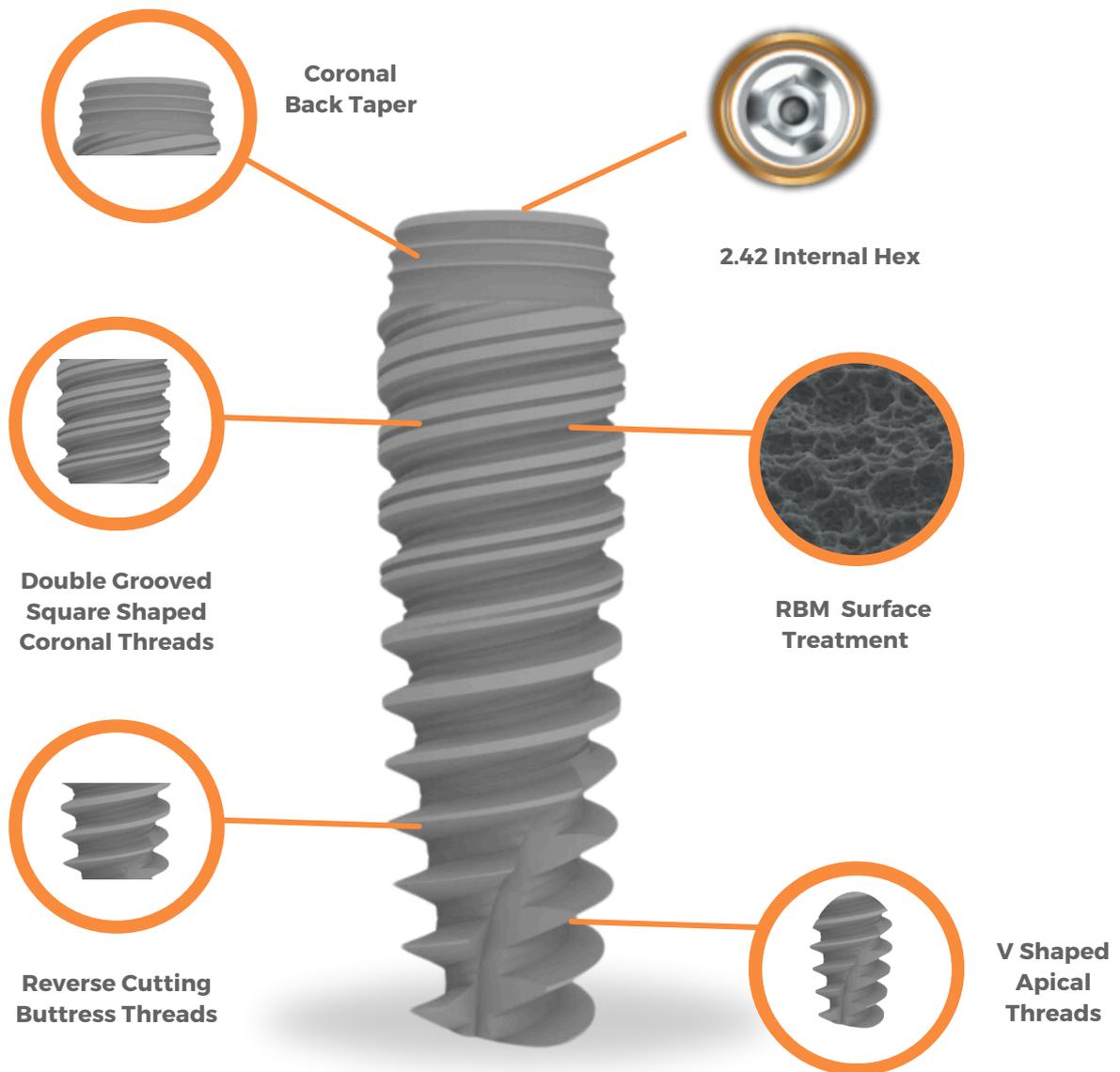
Two piece implant packaging



Single piece implant packaging



OSSI Classic (IH)



GRADE V TITANIUM ACTIVE IMPLANT

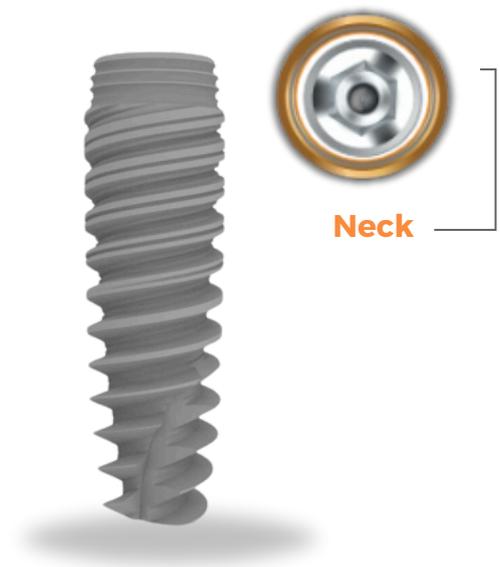
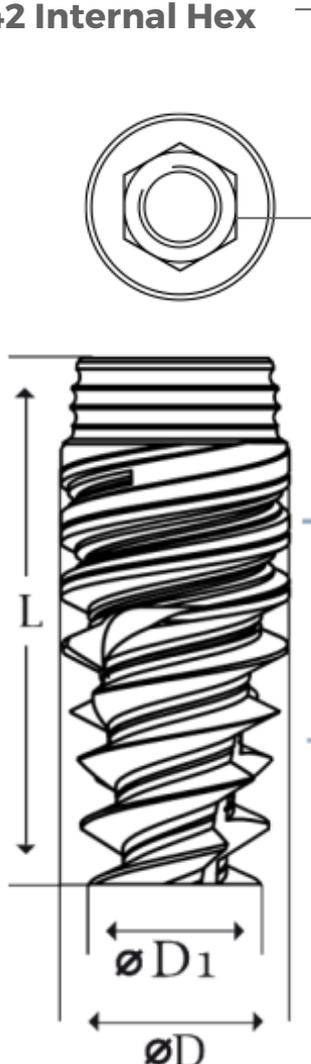
OSSI CLASSIC (IH)

- ✔ Supports the concept of ABC™ - All on Basal Cortical.
- ✔ Maximum bone condensation.
- ✔ Superior prosthetic outcome.
- ✔ Internal Hex Connection.
- ✔ Ideal for Sinus lift and Single Tooth delayed.

- ✔ Sharp Buttress thread to cut through cortical bone.
- ✔ Wide Buttress thread to compress cancellous bone.
- ✔ A cutting apex for self drilling and easy insertion.

- ✔ Internal Hex Platform
- ✔ Platform Switching Connection System.

2.42 Internal Hex



Enhanced Platform switching:

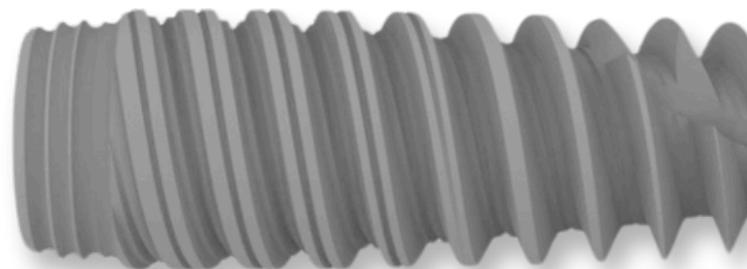
- ✔ Reduced diameter abutment allows the bone to better integrate with the implant at its shoulder area while providing better support to the soft tissue which improves the esthetic result.

Wider coronal area:

- ✔ Provides more strength around the abutment interface area.

Tight seal created between implant abutment:

- ✔ Reduces the potential penetration of bacteria below the gums-bone line.

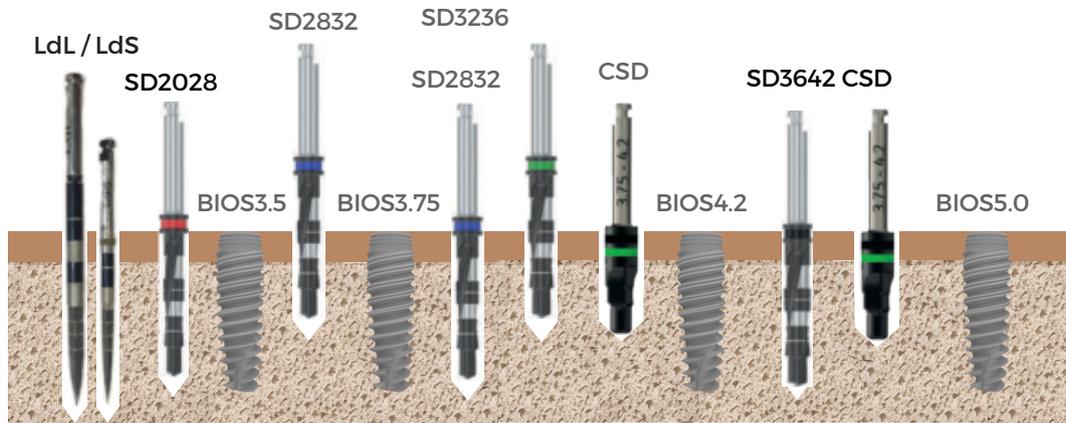


Available Sizes

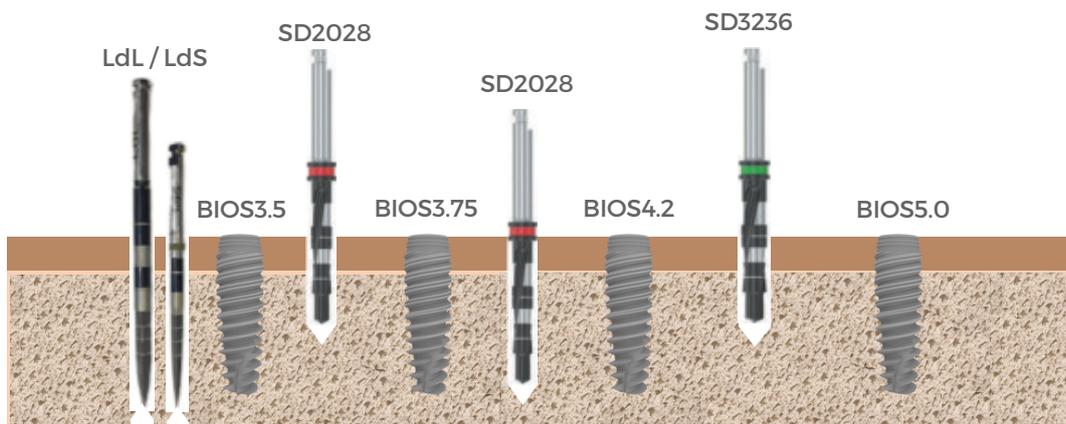
D (mm)	D1 (mm)	L (mm)	Codes
Ø3.5	Ø2.6	08	BIOS3508IH
		10	BIOS3510IH
		11.5	BIOS3511IH
		13	BIOS3513IH
		16	BIOS3516IH
Ø3.75	Ø3.1	06	BIOS3706IH
		08	BIOS3708IH
		10	BIOS3710IH
		11.5	BIOS3711IH
		13	BIOS3713IH
		16	BIOS3716IH
Ø4.2	Ø3.5	06	BIOS4206IH
		08	BIOS4208IH
		10	BIOS4210IH
		11.5	BIOS4211IH
		13	BIOS4213IH
		16	BIOS4216IH
Ø5.0	Ø4.5	06	BIOS0506IH
		08	BIOS0508IH
		10	BIOS0510IH
		11.5	BIOS0511IH
		13	BIOS0513IH
		16	BIOS0516IH

Drilling Protocols For Ossi Classic IH

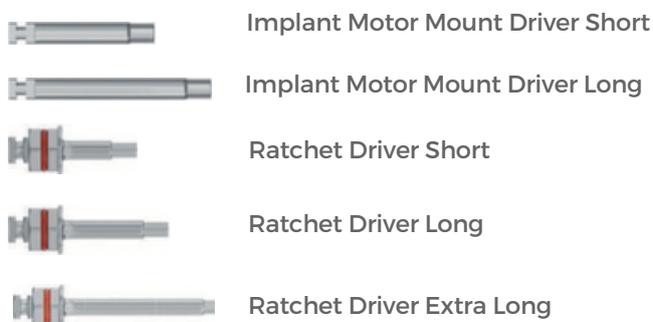
For D1 & D2 Bone



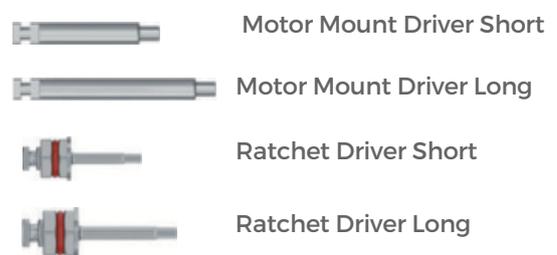
For D3 & D4 Bone



IMPLANT DRIVERS 2.42



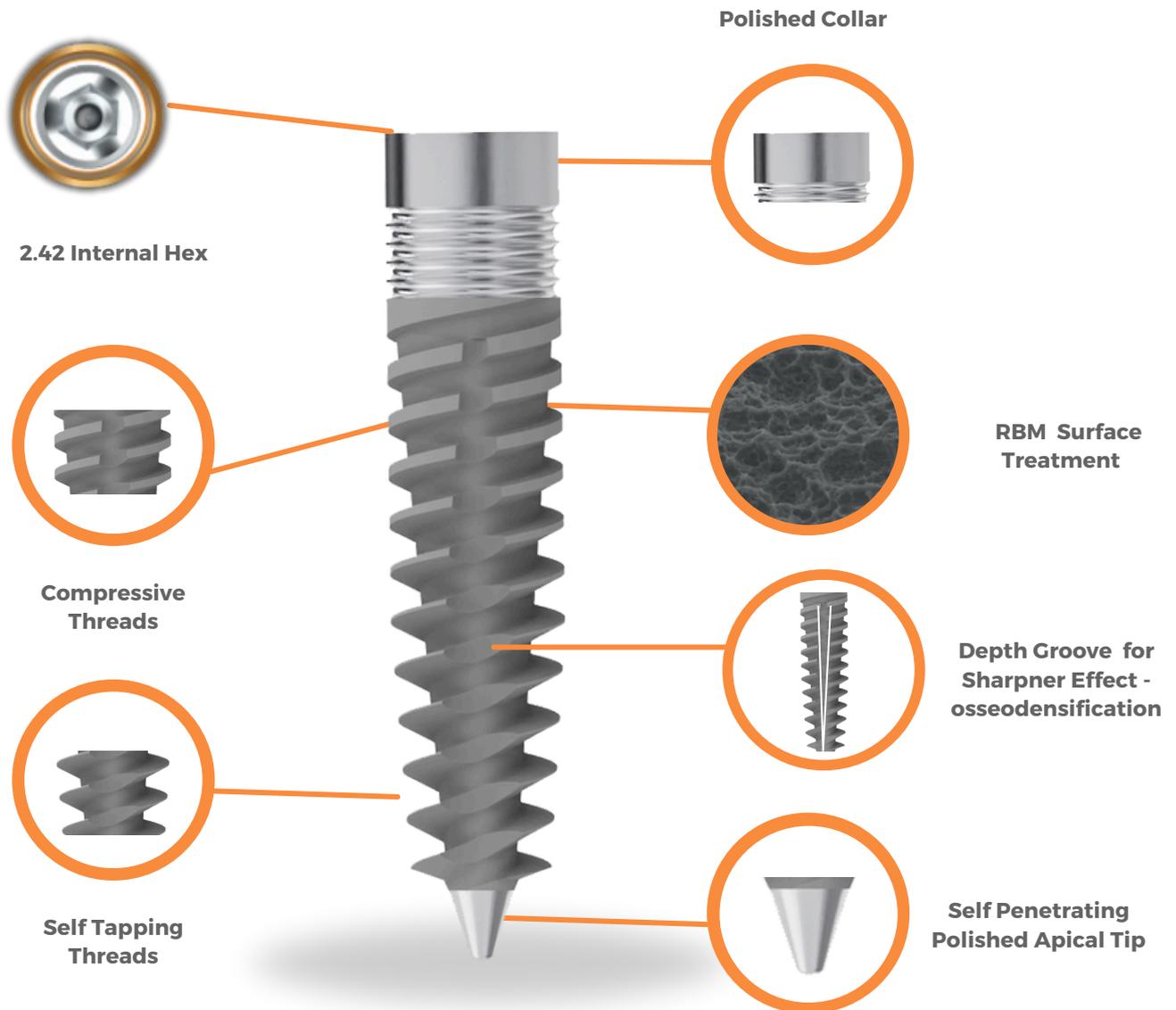
ABUTMENT DRIVERS 1.27



Note - For more clarity about drilling protocols, refer the Surgical Manual Video “Quickdent Dental Implant”.



KORTICALE TPR (IH)



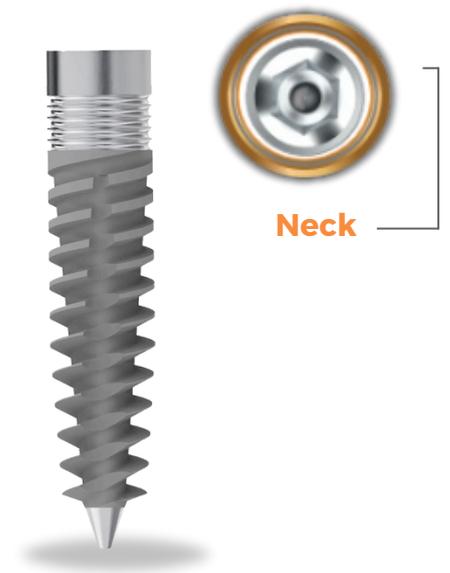
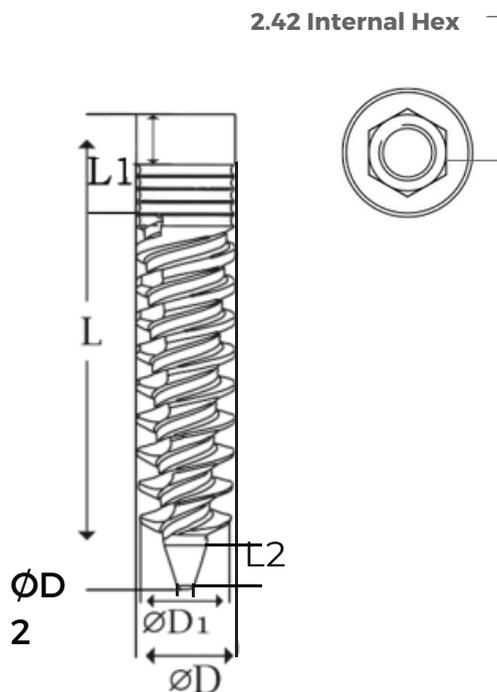
GRADE V TITANIUM ACTIVE IMPLANT

Korticale TPR Spiral (IH)

- ✓ Immediate Loading Design.
- ✓ Supports the concept of ABC™ - All on Basal Cortical.
- ✓ Super aggressive & Self tapping threads.
- ✓ Maximum bone condensation.

Crestal Anatomy:

- ✓ Internal Hex Connection.
- ✓ Crestal polished antibacterial Collar.
- ✓ One stage or two stage approach.



Self Tapping Threads:

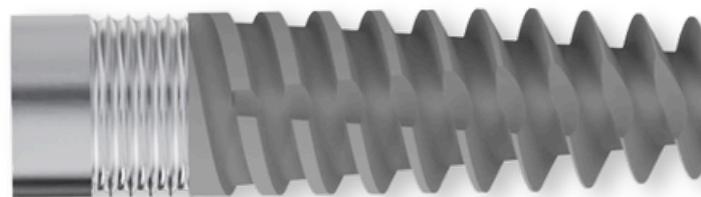
- ✓ Compressive squarish threads for cancellous bone condensation.
- ✓ Higher bone implant contact & improved primary stability.
- ✓ Aggressive reverse buttress thread for penetration and superior engagement of cortical bone.
- ✓ Anti rotational aggressive groove for easier insertion.
- ✓ More resistance to tensile, compressive and oblique forces.

Safe Penetrating Polished Apical tip:

- ✓ Insertion in minimum osteotomy preparation.
- ✓ Optimum basal cortical bone engagement.

Most Important

- L1 - Polished Area = 2mm / 4mm, (2mm for L 10 & 12) And (4mm for L14, L16, L20, L23 & L25)
- L2 - Polished Tip = 1.8mm
- D - Diameter of implant at Crest = 3.5mm / 4.2mm
- D1 - Diameter of thread at Apex = 3.2mm / 3.4mm
- D2 - Diameter at Tip = 1.6mm / 1.8mm

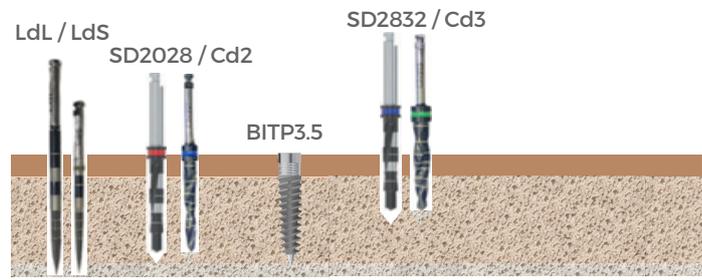


Available Sizes

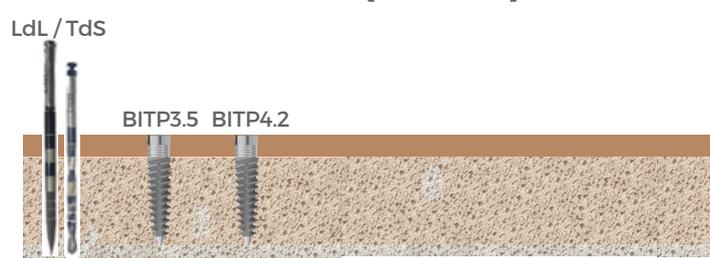
D (mm)	D1 (mm)	D2 (mm)	L (mm)	Codes
Ø3.5	Ø3.2	Ø1.6	10	BITP3510IH
			12	BITP3512IH
			14	BITP3514IH
			16	BITP3516IH
			20	BITP3520IH
			23	BITP3523IH
			25	BITP3525IH
Ø4.2	Ø3.4	Ø1.8	10	BITP4210IH
			12	BITP4212IH
			14	BITP4214IH
			16	BITP4216IH
			20	BITP4220IH
			23	BITP4223IH
			25	BITP4225IH

Drilling Protocol Of Korticale TPR Spiral (IH)

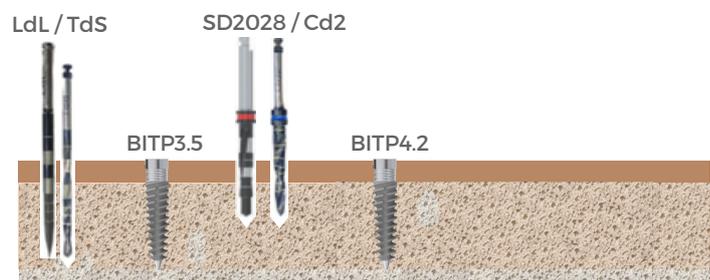
For D1 & D2 Bone



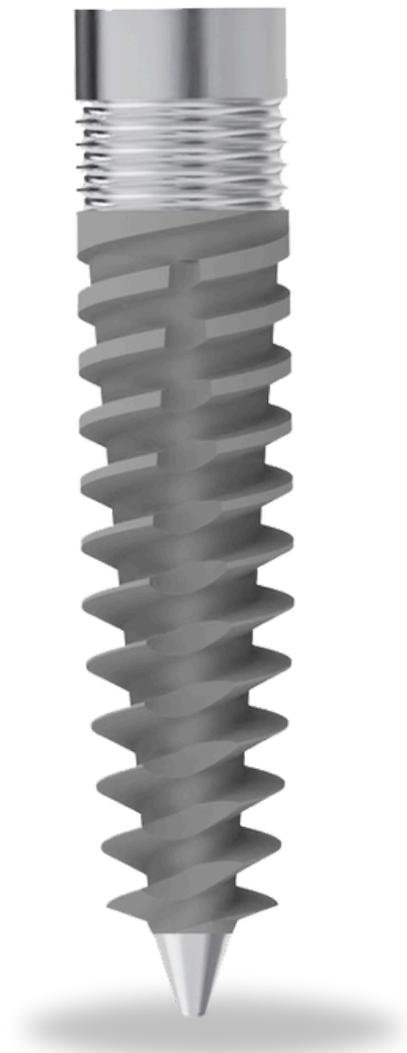
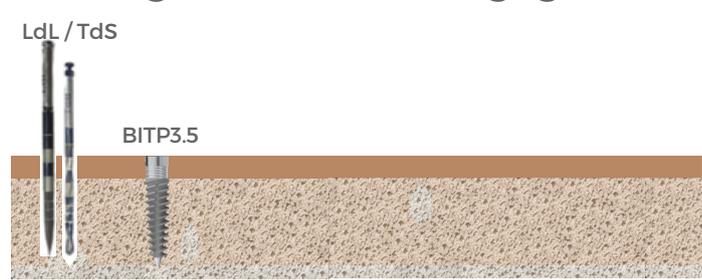
For D3 & D4 Bone (Maxila)



For D3 & D4 Bone (Mandible)



For Lingual Corticale Engagement



For higher torque, it is advisable to place implant in clockwise & anti clockwise directions.

Note - For more clarity about drilling protocols, refer the Surgical Manual Video "Quickdent Dental Implant".

Implant Drivers and Abutment Drivers are same as OSSl Implant Series



KORTICALE ZTP (IH)



GRADE V TITANIUM ACTIVE IMPLANT

Korticale ZTP (IH)

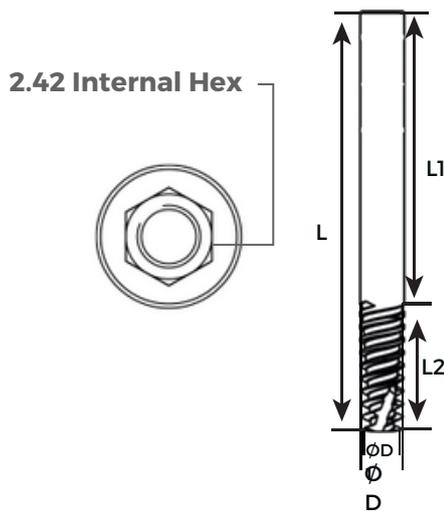
- ✓ Standard internal Hex connection.

Collar & Body

- ✓ Completely Polished body of zygoma to avoid peripathogen and prevent sinus related complication.

Self Tapping Threads

- ✓ Progressive single spiral threads.
- ✓ Anti- rotational cuts to improve primary stability.
- ✓ Higher Bone Implant contact..
- ✓ More Resistance to Tensile & Compressive forces.
- ✓ Surface treated thread to achieve better secondary stability.



Safe Penetrating Tips

- ✓ Allow insertion in minimum 1-2 drilling.
- ✓ Optimum Zygomatic bone engagement.
- ✓ Micro-polished tip without any sharp edges

*Most Important

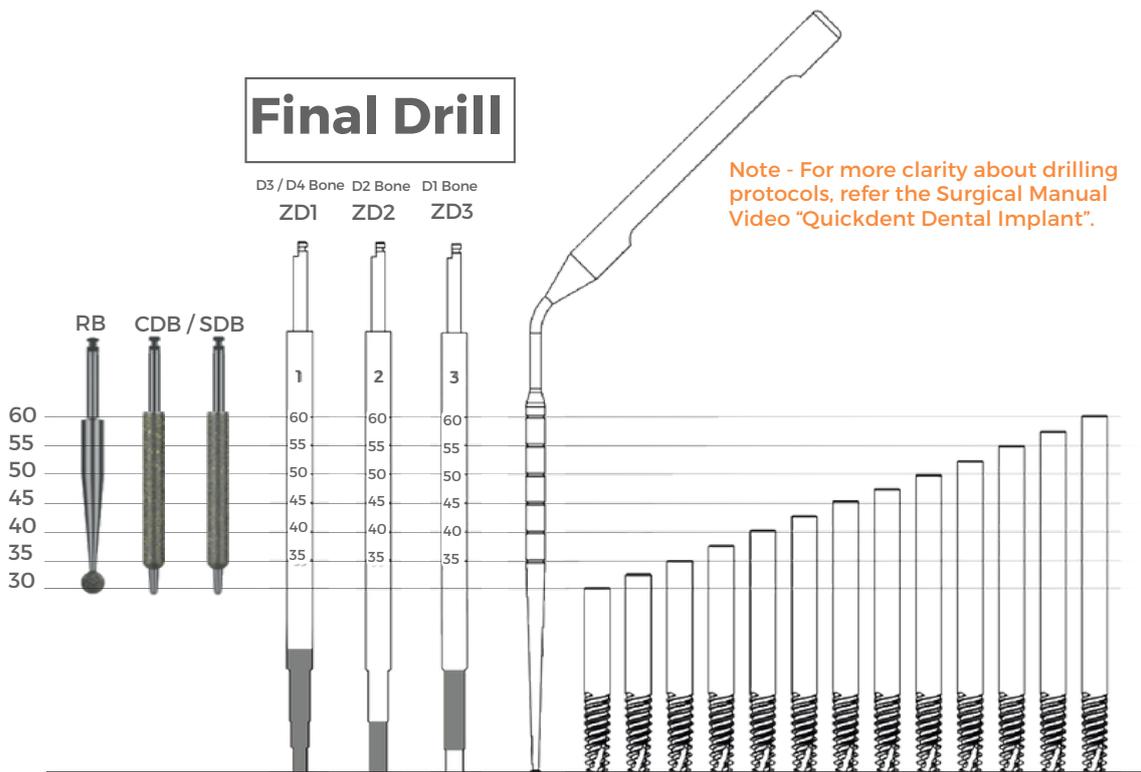
- L1 - Polished Area
- L2 - Rough Area = 12mm
- D - Diameter of implant at Crest = 4.2mm
- D1 - Diameter of thread at Apex

Available Sizes

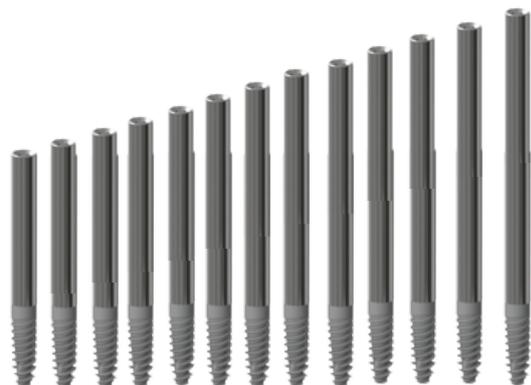
D (mm)	L (mm)	L1 (mm)	Codes
Ø4.2	30	18	BZTP4230
	32.5	20.5	BZTP4232
	35	23	BZTP4235
	37.5	25.5	BZTP4237
	40	28	BZTP4240
	42.5	30.5	BZTP4242

D (mm)	L (mm)	L1 (mm)	Codes
Ø4.2	45	33	BZTP4245
	47.5	35.5	BZTP4247
	50	38	BZTP4250
	52.5	40.5	BZTP4252
	55	43	BZTP4255
	57.5	45.5	BZTP4257
	60	48	BZTP4260

Drilling Protocol Of Korticale ZTP (IH)



Implant Drivers and Abutment Drivers are same as OSSI Implant Series



RECOMMENDED CLOSURE TORQUE 5 Ncm

HEALING CAPS	IMPRESSION TRANSFERS / SCAN BODIES / ANALOGS		
 Implant Healing Cap	 Open Tray Transfer	 Closed Tray Transfer	 Implants Scan Body
 MU Healing Cap	 Snap-On Transfer		 MU Scan Body
<p>RECOMMENDED CLOSURE TORQUE 15 Ncm</p>  MU Screw	 Analog		 Digital Analog

RECOMMENDED CLOSURE TORQUE 30Ncm

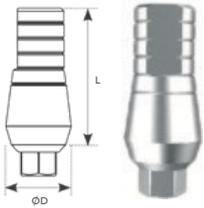
CEMENT RETAINED RESTORATIONS	SCREW RETAINED RESTORATIONS	CAD/CAM	OVERDENTURE RESTORATIONS
 Straight Abutment	 Straight Multi-Unit	 Implants Ti Base	 Ball Attachment
 Angle Abutment	 Angled MULTI-UNIT	 MU Ti Base	
 Castable Abutment			

PROSTHETIC DRIVERS

 RDK 10 RDK 15 Ratchet Drivers 1.27mm	 MM12520 20mm MM12528 28mm Motor Mount Drivers 1.27mm	 SMUDK Ratchet Driver \varnothing 2.0mm
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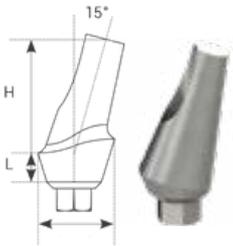
WITHOUT SHOULDER

Straight Abutment



D(mm)	Standard Ø 4.5		Narrow Ø 3.8		Wide Ø 5.5
L(mm)	9	11	7	11	9
Codes	STA 09	STA 11	STNA 07	STNA 11	STWA 9

Angular Abutment 15°



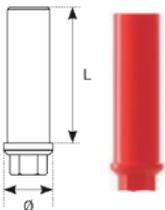
D(mm)	Standard Ø 4.5	Narrow Ø 3.8
L(mm)	8.5 mm Length	8.5 mm Length
Codes	STAS15851	STAS151053

Angular Abutment 25°



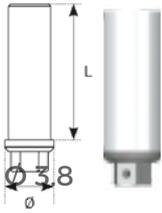
D(mm)	Standard Ø 4.5	Narrow Ø 3.8
L(mm)	8.5 mm Length	8.5 mm Length
Codes	STAS255851	STAS251053

Castable Abutment



	HEX	Non Hex
Ø 4.2	10.5 L(mm)	10.5 L(mm)
Codes	SACH	SACN

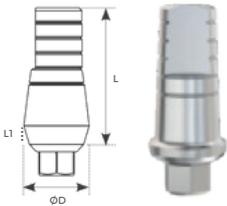
Castable Abutment With COCR Base



	HEX
Ø 4.2	10.5 L(mm)
Codes	SACH

WITH SHOULDER

Straight Abutment

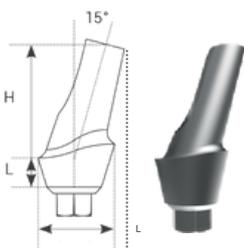


D(mm)	Standard Ø 4.5		Narrow Ø 3.8	
L(mm)	9	11	8.5	8.5
LI(mm)	1	3	0.5	2.5
Codes	STA0901	STA113	STNA8505	STNA8525

Angular Abutment

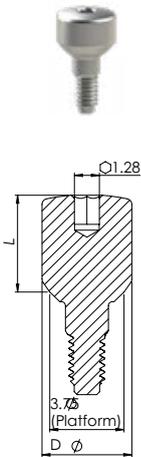
15°

25°



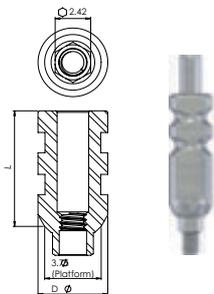
D(mm)	Ø 4.5		Ø 4.5	
L(mm)	8.5	10.5	8.5	10.5
LI(mm)	1	3	1	3
Codes	STAA 15-1	STAA 15-3	STAA 25-1	STAA 25-3

Healing Caps



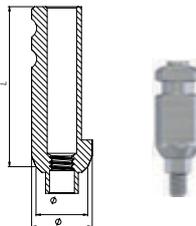
Types	H (mm)	D (mm)	Code
Standard	2 mm	Ø 4.6	HCS 2
Standard	4 mm	Ø 4.6	HCS 4
Standard	6 mm	Ø 4.6	HCS 6
Wide	2 mm	Ø 5.5	HCW 2
Wide	4 mm	Ø 5.5	HCW 4
Wide	6 mm	Ø 5.5	HCW 6
Narrow	2 mm	Ø 3.8	HCN 2
Narrow	4 mm	Ø 3.8	HCN 4
Narrow	6 mm	Ø 3.8	HCN 6

Open Transfers

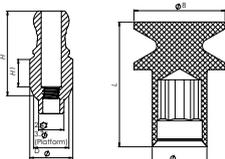


D (mm)	D (mm)	Codes	D (mm)	Codes	D (mm)	Codes
Open Transfer	4.5		3.8		4.75	
L (mm)	8	OTS 438	8	OTS 388	8	OTS 4758
L (mm)	12	OTS 4312	N/A			
Closed Transfer	4.5		3.8		4.75	
L (mm)	N/A		8	CTS 388	8	CTS 4758
L (mm)	12	CTS 4512	N/A			

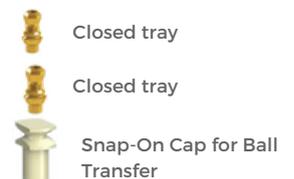
Closed Transfers



Snap-On



D (mm)	L (mm)	Codes
Ø 4.9	4	T3804
Ø 4.9	6	T3806
Ø 4.8	11	T4402



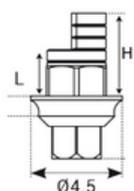
Lab Analog



Types	D (mm)	L (mm)	Code
Standard	Ø 4.6	12 mm	LAS4
Wide	Ø 5.0	12 mm	LAW5

Screw Retained Restorations

Angulated Ti-Base Abutment CAD CAM Hex/Non Hex



H(mm)	04	06
G	0.5	2.0
Code Hex	 TB0.5G4H	 TB2G6H
Code Non Hex	 TB0.5G4N	 TB2G6N

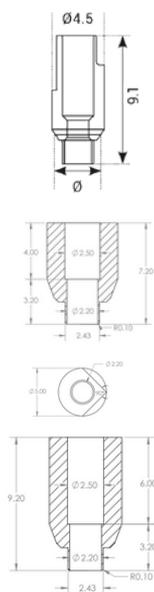
Driver For Screw for Angled screw channel Ti-Bases



D (mm)	H (mm)	Code
Ø 1.7	24.0	DS-MAAD

CAD/CAM Digital Solutions

Scan Body

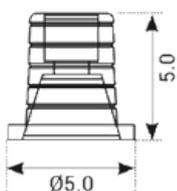


Products		D (mm)	L (mm)	Code
Implant Digital Scan Body		Ø 4.5	9.0	SCANIHA09
Implant Digital Scan Body		Ø 4.5	11	SCANIHA11
MU Level Digital Scan Body		Ø 4.5	09	SCANMU09
MU Level Digital Scan Body		Ø 4.5	11	SCANMU11

Digital Analog

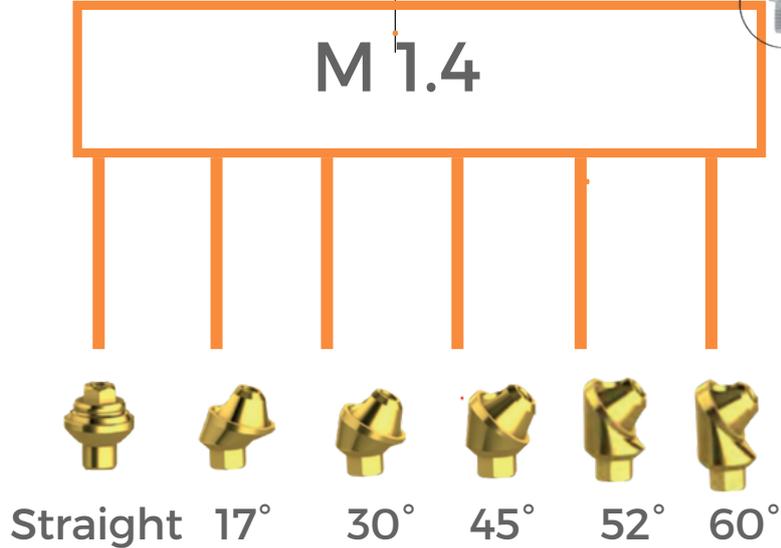
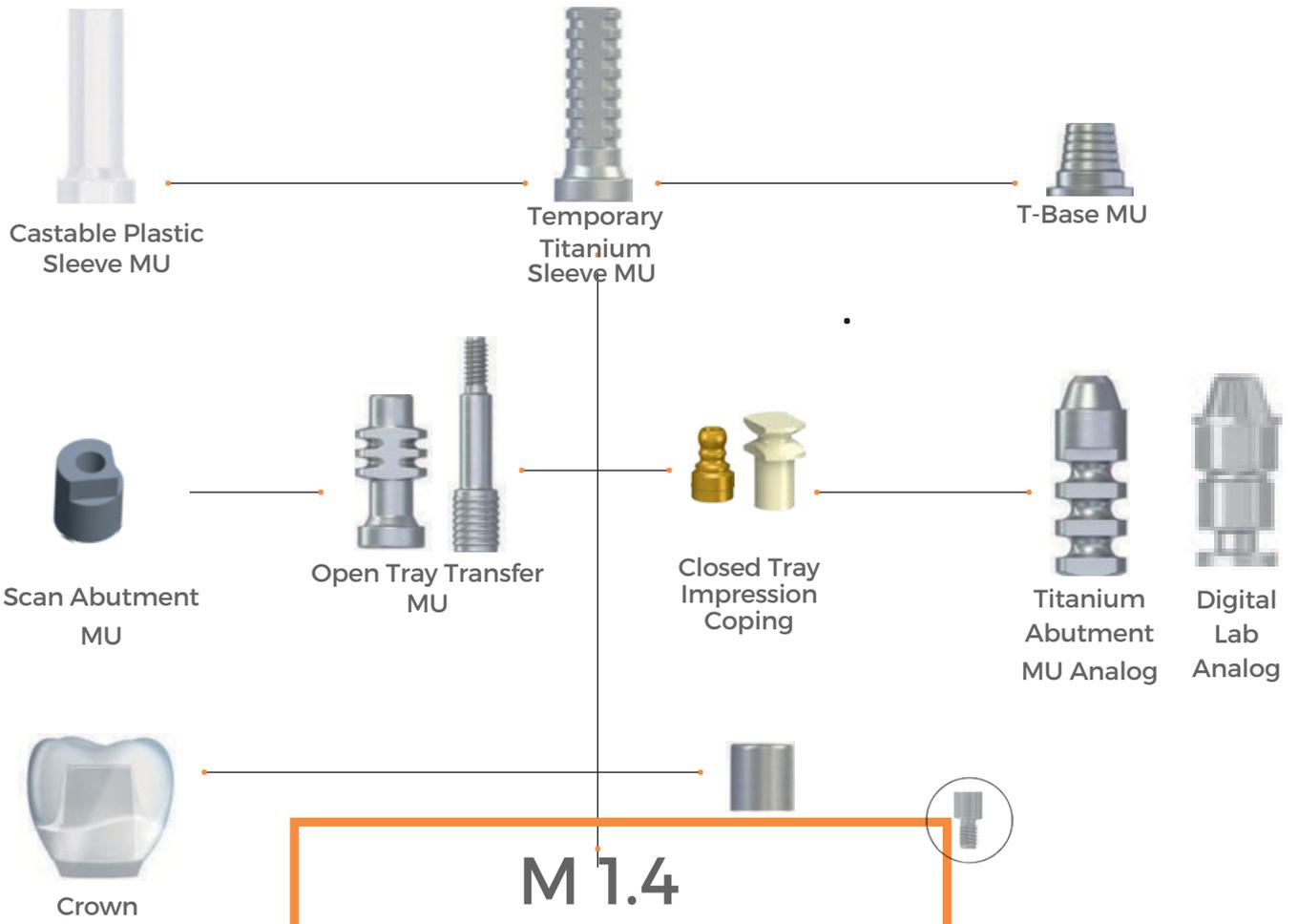
Products		D (mm)	L (mm)	Code
MU Digital Analog		Ø 4.9	9.0	DANMUA
Implant Digital Analog		Ø 4.9	12.0	DANIHA

Ti-Base Abutment for Multi-Unit



Products		D (mm)	Code
MU Premium		Ø 4.9	DANMUA

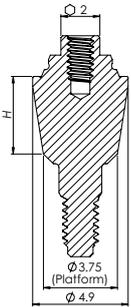
1.4 Prosthetic Options Premium Multi-Unit Abutment of the Quickdent Implant System



* Premounted on angulated abutment.
For 17°/30°/45°/52°/60°

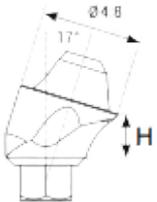


Straight Multi Unit Abutment (M 1.4)



H (mm)	1.0	2.0	3.0
MU Abutment			
Code	SMUH 001-K	SMUH 002-K	SMUH 003-K

Angular Multi Unit Abutment 17° (M 1.4)

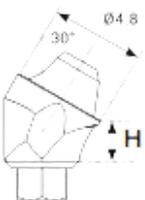


H (mm)	2.0	3.0
MU Abutment		
Code	SMUH-17-2-K-1.4	SMUH-17-3-K-1.4



17° Angle correction with MU

Angular Multi Unit Abutment 30° (M 1.4)

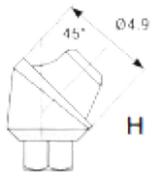


H (mm)	2.0	3.0
MU Abutment		
Code	SMUH-30-2-K-1.4	SMUH-30-3-K-1.4



30° Angle correction with MU

Angular Multi Unit Abutment 45° (M 1.4)

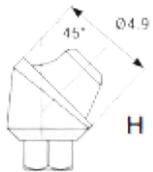


H (mm)	2.0	3.0
MU Abutment		
Code	SMUH-45-2-K-1.4	SMUH-45-3-K-1.4



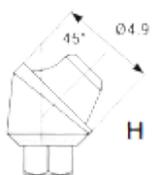
45° Angle correction with MU

Angular Multi Unit Abutment 52° (M 1.4)



H (mm)	1.0
MU Abutment	
Code	

Angular Multi Unit Abutment 60° (M 1.4)



H (mm)	1.0
MU Abutment	
Code	SMUH-60-1-K

Note - The prosthetic screw channel is compatible with M 1.4 prosthetics

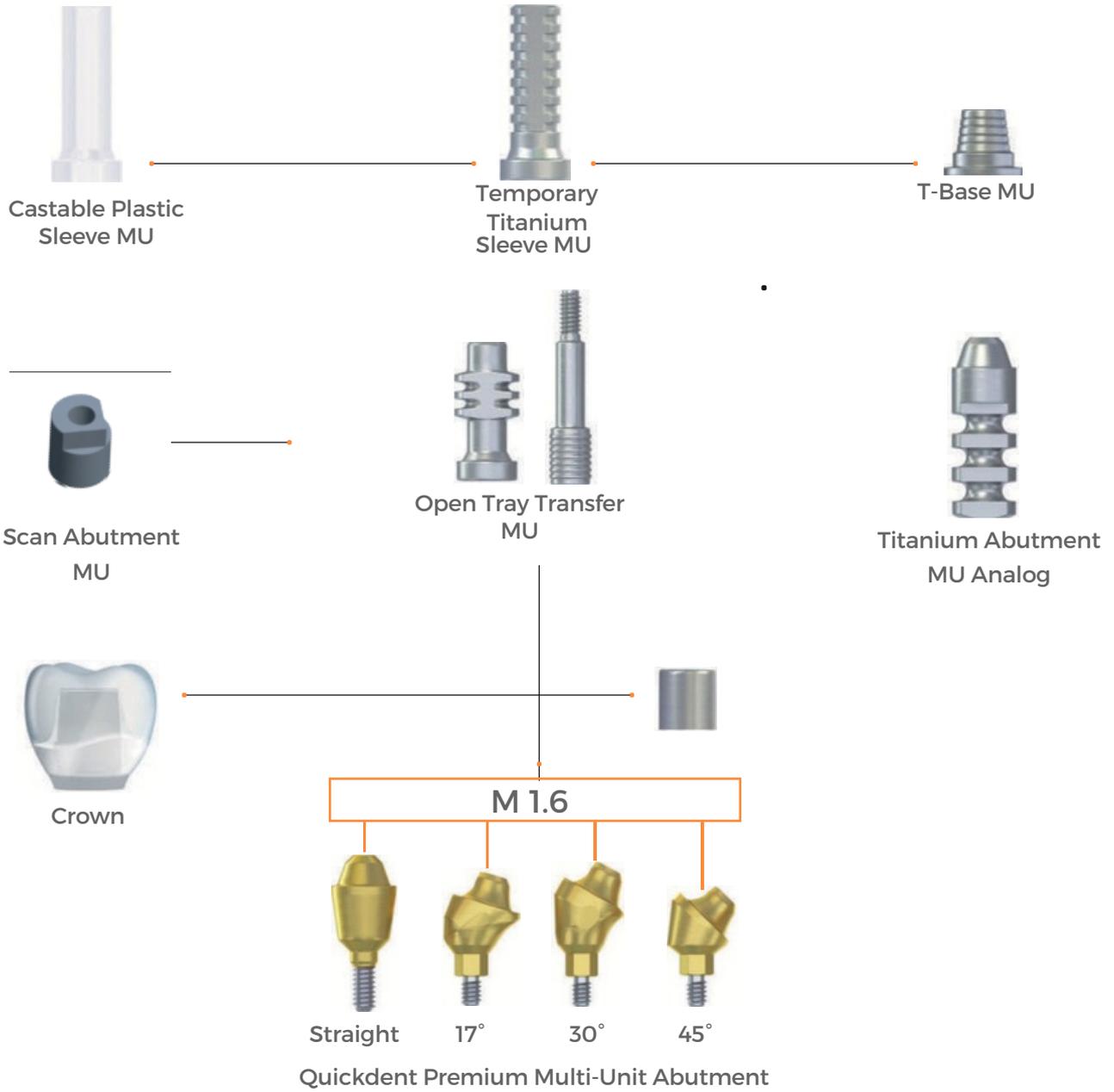
Multi-Unit Abutment Premium Content Accessories For M 1.4 Information Table

Products		D (mm)	L (mm)	H (mm)	Code
MU Transfer Screw		Ø 2.0	15.0	11.0	SSFT-K M 1.4
MU Open Transfer		Ø 5.0	11.5	9.0	STFMU-K M 1.4
Closed Transfer		Ø 4.9	4		T 7102
Closed Transfer		Ø 4.8	11		T 4402
MU Analog		Ø 5.0	13.5	8.5	SAFMU-K M 1.4
MU Healing Abutment		Ø 5.0	5.0	5.0	SHCFMU-K M 1.4
MU Ti Sleeve		Ø 5.0	12.0	9.0	SSTFMU-K M 1.4
MU Castable Sleeve		Ø 5.0	12.0	9.0	STFMU-K M 1.4
Ti Base For MU		Ø 4.9	5.0	4.5	TIBASE M1.4
MU Prosthetic Screw		Ø 1.5	5.0	2.5	SSFMU-K M1.4
MU Digital Scan Body					DSACNBODY
MU Digital Analog					DANMUA

Note - 1. MU Ti Base will be same for M 1.4 & M 1.6.

2. MU Open Transfer with Screw, MU healing Abutment, MU Prosthetic Screw, MU Analog, MU Castable Sleeve, Titanium Sleeve, will be different for M 1.4 & M 1.6.

1.6 Prosthetic Options Premium Multi-Unit Abutment of the Quickdent Implant System



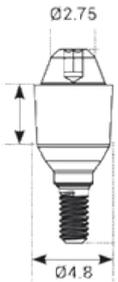
Quickdent Internal Hex Implants



* Premounted on angulated abutment.
For 17°/30°/45°/52°/60°

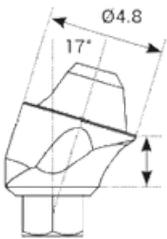


Straight Multi Unit Abutment (M 1.6)



H (mm)	1.0	2.0	3.0	4.0
MU Abutment				
Code	SMUH 001-K	SMUH 002-K	SMUH 003-K	SMUH 004-K

Angular Multi Unit Abutment 17° (M 1.6)

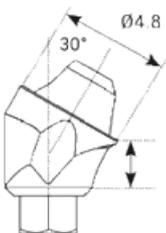


H (mm)	1.0	2.0
MU Abutment		
Code	SMUH-17-1-K	SMUH-17-2-K



17° Angle correction with MU

Angular Multi Unit Abutment 30° (M 1.6)

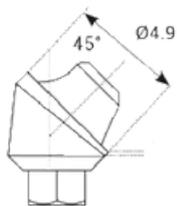


H (mm)	1.0	2.0
MU Abutment		
Code	SMUH-30-1-K	SMUH-30-2-K



30° Angle correction with MU

Angular Multi Unit Abutment 45° (M 1.6)



H (mm)	1.0
MU Abutment	



45° Angle
correction
with MU

Multi-Unit Abutment Premium Content Accessories For M 1.6 Information Table

Products		D (mm)	L (mm)	H (mm)	Code
MU Transfer Screw		Ø 2.0	15.0	11.0	SHCFMU-K M 1.6
MU Open Transfer		Ø 5.0	11.5	9.0	STFMU-K M 1.6
MU Analog		Ø 5.0	13.5	8.5	STSFMU-K M 1.6
MU Healing Abutment		Ø 5.0	5.0	5.0	SSFMU-K M1.6
MU Ti Sleeve		Ø 5.0	5.0	5.0	DSACNBODY
MU Castable Sleeve		Ø 5.0	12.0	9.0	SSPFMU-K M 1.6
Ti Base For MU		Ø 4.9	5.0	4.5	TIBASE M1.6

Products		D (mm)	L (mm)	H (mm)	Code
MU Prosthetic Screw		Ø 1.5	5.0	2.5	SSFMU-K M1.6
MU Digital Scan Body					DSACNBODY
MU Digital Analog					DANMUA

Note - 1. MU Analog, MU castable Sleeve, Titanium Sleeve, MU Ti Base will be same for M 1.6 & M 1.4.

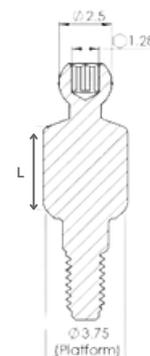
2. MU Open with Screw, MU healing Abutment, MU Prosthetic Screw will be different for M 1.6 & M 1.4.

3. MU Straight, MU 17, MU 30, MU 45 has M 1.6 prosthetic channel.

4. MU 52 & MU 60 has M 1.4 prosthetic channel.

Standard Ball Attachments

Products		L (mm)	Code
Standard Attachment 1L		1	SBA1
Standard Ball Attachment 2L		2	SBA2
Standard Ball Attachment 3L		3	SBA3



Standard Metal Cap For Ball

Products		Code
Standard Metal Cap For Ball		SMC

Standard Silicon Caps

Products		Code
Standard Pink Cap		CN001
Standard White Cap		CN002
Standard Yellow Cap		CN003

SINGLE PIECE IMPLANTS

Korticale SP Spiral



Korticale Basale



Korticale Basale Zygoma



Korticale SP Spiral

- ✓ Single Piece system.
- ✓ Immediate and Delayed Loading Design.
- ✓ Supports the concept of ABC™ - All on Basal Cortical.
- ✓ Super aggressive & Self tapping threads.
- ✓ Maximum bone condensation.
- ✓ Minimum Osteotomy.

Crestal Anatomy:

- ✓ Single piece connection with anatomic neck.
- ✓ Crestal polished antibacterial Collar.
- ✓ One stage immediate loading approach.



Self Tapping Thread:

- ✓ Compressive squarish threads for cancellous bone condensation.
- ✓ Higher bone implant contact & improved primary stability.
- ✓ Aggressive reverse buttress thread for penetration and superior engagement of cortical bone.
- ✓ High resistance to tensile, compressive and oblique forces.

Safe Penetrating polished Apical tips:

- ✓ Insertion in minimum osteotomy preparation.
- ✓ Optimum basal bicortical bone engagement.
- ✓ Polished Micro-tip without any sharp edges



Available Sizes

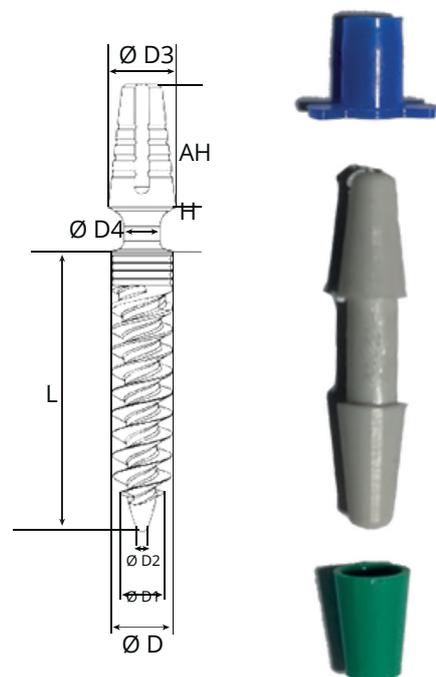
D(mm)	D1(mm)	D2 (mm)	H (mm)	L (mm)	Codes
Ø3.5	Ø3.2	Ø 1.6	2	8	BISP3508
				10	BISP3510
				12	BISP3512

Available Sizes

D(mm)	D1(mm)	D2 (mm)	H (mm)	L (mm)	Codes
Ø3.5	Ø3.2	Ø 1.6	3	14	BISP3514
				16	BISP3516
				20	BISP3520
Ø4.2	Ø3.4	Ø 1.8	2	08	BISP4208
				10	BISP4210
				12	BISP4212
			3	14	BISP4214
				16	BISP4216
				20	BISP4220

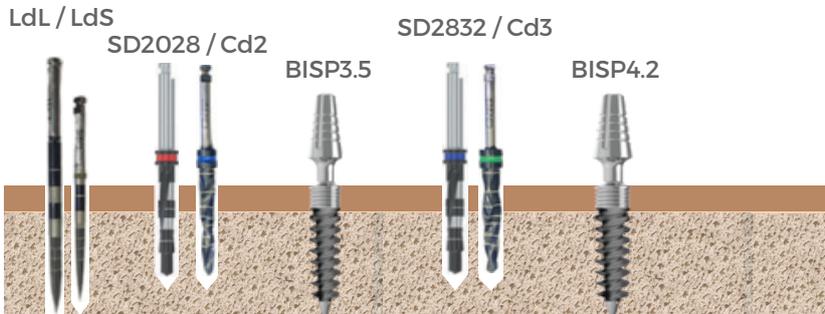
*Note

- AH - Abutment Height = 7mm
- H - Collar height = 2mm / 3mm (2mm For L08, L10 & L12) And (3mm For L14, L17 & L20)
- D - Diameter of implant at Crest = 3.5mm / 4.2mm
- D1 - Diameter of thread at Apex = 3.2mm / 3.4mm
- D2 - Diameter at Tip = 1.6mm / 1.8mm
- D3 - Diameter of Head = 3.8mm
- D4 - Diameter of Collar Head = 2.74mm



Drilling Protocol Of Korticale SP

For D1 Bone



For D2 & D3 Bone



For D3 & D4 Bone



For higher torque, it is advisable to place implant in clockwise & anti clockwise directions.

Note - For more clarity about drilling protocols, refer the Surgical Manual Video “Quickdent Dental Implant”.

Korticale Basale

Immediate Loading Design

- ✓ Aggressive & Self tapping threads.
- ✓ Maximum bone condensation.
- ✓ Superior prosthetic connection.
- ✓ Excellent Bending capacity, less stressful on D3 & D4 bone.
- ✓ Best prosthetic outcome

Anatomical Collar

- ✓ Aesthetic Profile & Functional Strength.

Body

- ✓ Slender micro-tapering body & Excellent bending capacity



Self Tapping Thread:

- ✓ Progressive single spiral threads.
- ✓ Higher Bone Implant contact.
- ✓ Improved primary stability.
- ✓ More Resistance to Tensile & Compressive forces.
- ✓ Flame shape threading pattern enables higher primary stability

Safe Penetrating polished Apical tips:

- ✓ Allow insertion in minimum drilling.
- ✓ Optimum basal bone engagement
- ✓ Micro-polished tip without any sharp edges.



Available Sizes

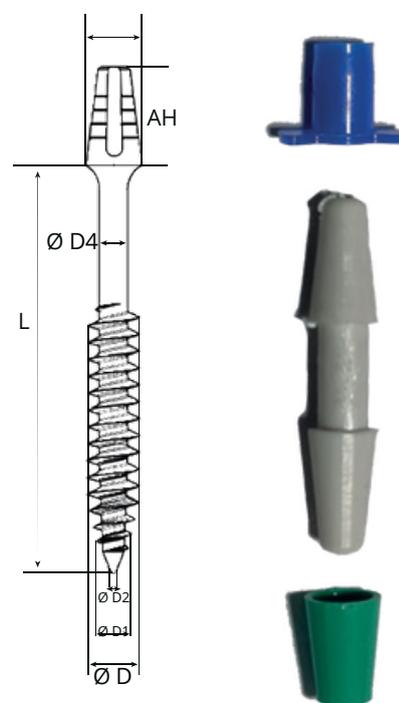
D(mm)	D1(mm)	D2 (mm)	L (mm)	Codes
Ø3.6	Ø 2.0	Ø 1.8	10	BL3610
			12	BL3612
			14	BL3614

Available Sizes

D(mm)	D1(mm)	D2 (mm)	L (mm)	Codes
Ø3.6	Ø 2.0	Ø 1.8	17	BL3617
			20	BL3620
			23	BL3623
			26	BL3626
Ø5.0	Ø 2.5	Ø 2.0	10	BL0510
			13	BL0513
			16	BL0516

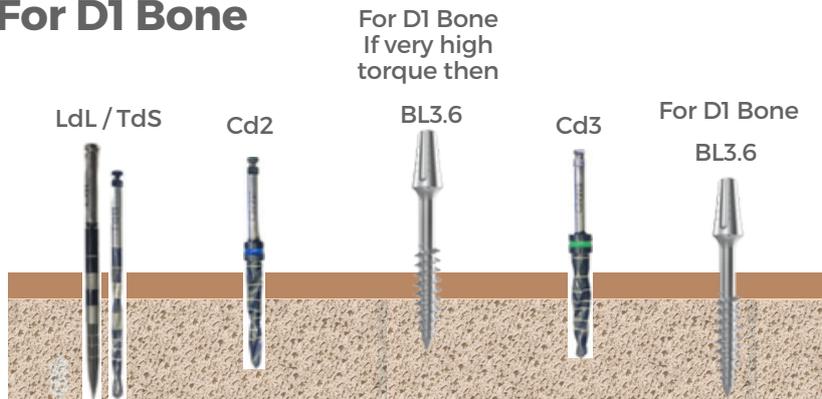
*Most Important

- AH - Abutment Height =7mm
- D - Diameter of implant at Crest = 3.5mm / 4.2mm
- D1 - Diameter of thread at Apex = 2.0mm / 2.5mm
- D2 - Diameter at Tip = 1.8mm / 2.0mm
- D3 - Diameter of Head = 3.8mm
- D4 - Diameter of Shaft = 2mm for 3.6mm / 2.5mm for 5mm



Drilling Protocol Of Korticale Basale

For D1 Bone



For D2 Bone



For D3 & D4 Bone



For Lingual Corticale Engagement All Bone Type



Guidelines same as
Korticale SP Spiral



Korticale Basale Zygomax

Anatomical Collar

- ✓ Aesthetic Profile
- ✓ Functional Strength

Body

- ✓ Dual Diameter shaft to improve Strength.
- ✓ Easier to overcome angulation due to Bending.

Self Tapping Threads

- ✓ Progressive single spiral threads.
- ✓ Anti-rotational cuts to improve primary stability.
- ✓ Higher Bone Implant contact.
- ✓ More Resistance to Tensile & Compressive forces.

Safe Penetrating Tips

- ✓ Allow insertion in minimum drilling.
- ✓ Optimum Zygomatic bone engagement.
- ✓ Micro-polished tip without any sharp edges.



Available Sizes

D(mm)	L (mm)	Codes
Ø4.5	34	BZG4534
	37	BZG4537
	40	BZG4540
	43	BZG4543
	46	BZG4546
	49	BZG4549
	53	BZG4553
	56	BZG4556



KITS & COMPONENTS



BASIC KIT & BASAL KIT



PREMIUM KIT



MASTER KIT



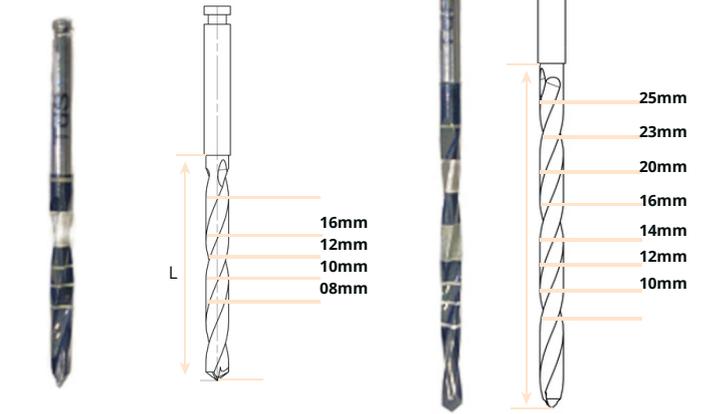
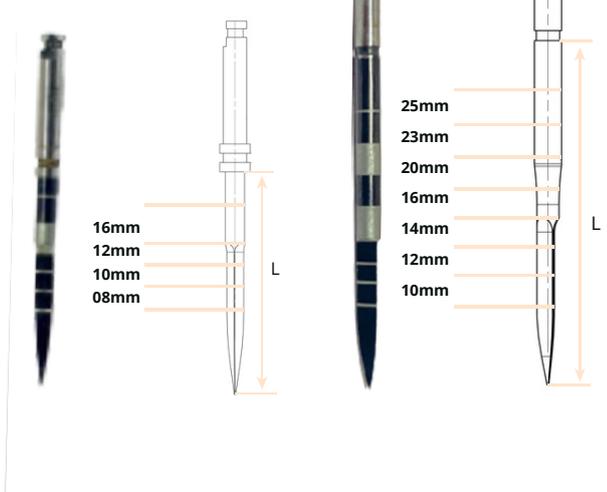
ZYGOMA KIT

Lance Drill Long

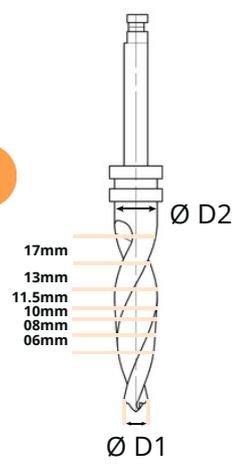
Twist Drill Long

Lance Drill Short

Twist Drill Short



CONICAL DRILL



DRILLS COLOR CODES

- Cd1 - ØD1 1.7 x ØD2 2.6 ■
- Cd2 - ØD1 2.2 x ØD2 3.0 ■
- Cd3 - ØD1 2.7 x ØD2 3.6 ■
- Cd4 - ØD1 3.0 x ØD2 5.2 ■

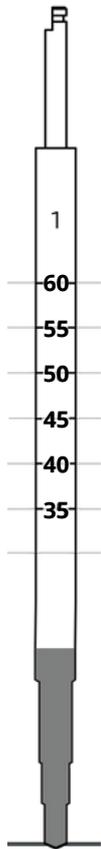
STEP DRILL



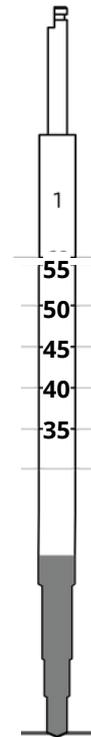
DRILLS COLOR CODE

- SD2028 - ØD1 2.0 x ØD2 2.8 ■
- SD2832 - ØD1 2.8 x ØD2 3.2 ■
- SD3236 - ØD1 3.2 x ØD2 3.6 ■
- SD3642 - ØD1 3.6 x ØD2 4.2 ■

ZYGOMA DRILL LONG

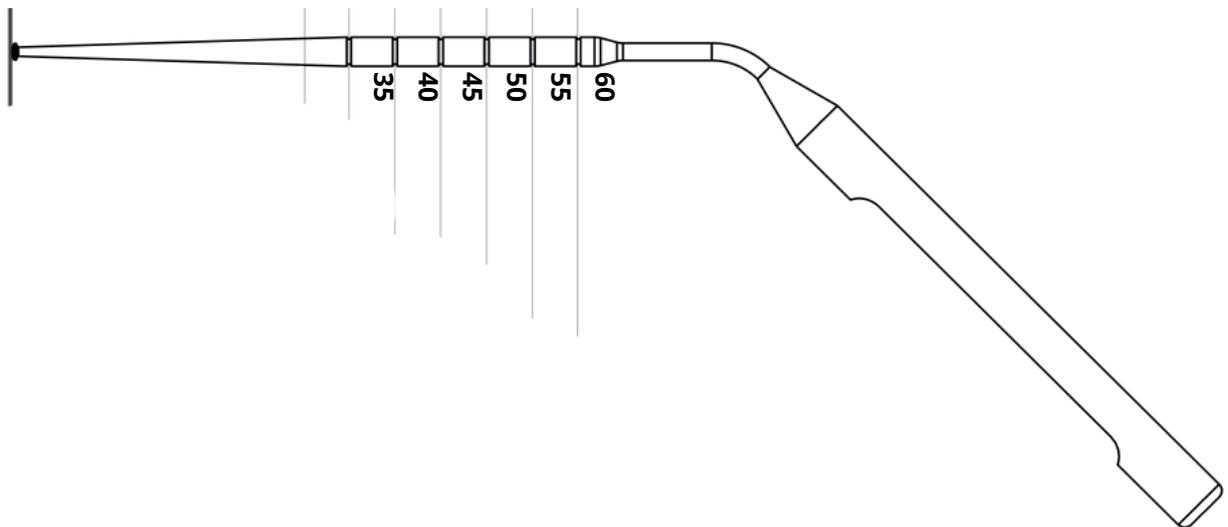


ZYGOMA DRILL SHORT

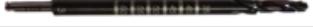
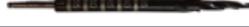
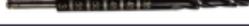
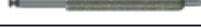


DRILLS COLOR CODES

Ø 2.0	
Ø 2.8	
Ø 3.2	
Ø 3.65	
Ø 4.2	



Drills

	Types	L (mm)	D (mm)	Code
	Lance Drill Long	26	Ø 2.3LdL	LdL
	Lance Drill Short	23	Ø 2LdS	LdS
	Twist Drill Long	26	Ø 2TdL	TdL
	Twist Drill Short	23	Ø 2TdS	TdS
	Step Drill 2028	16	ØD1 2.0 x ØD2 2.8	SD2028
	Step Drill 2832	16	ØD1 2.8 x ØD2 3.2	SD2832
	Step Drill 3236	16	ØD1 2.0 x ØD2 2.8	SD3236
	Step Drill 3642	16	ØD1 3.6 x ØD2 4.2	SD3642
	Conical Drill 1	20	ØD1 1.7 x ØD2 2.6	Cd1
	Conical Drill 2	20	ØD1 2.2 x ØD2 3.0	Cd2
	Conical Drill 3	20	ØD1 2.7 x ØD2 3.6	Cd3
	Conical Drill 4	20	ØD1 3.0 x ØD2 5.2	Cd4
	Twist Drill For Basale Zygoma	56	Ø 2.2	TZL
	Zygoma Drill Long 1	80	Ø 4.2	ZD1-L
	Zygoma Drill Long 2	80	Ø 4.2	ZD2-L
	Zygoma Drill Long 3	80	Ø 4.2	ZD3-L
	Zygoma Drill Short 1	60	Ø 3.0	ZD1-S
	Zygoma Drill Short 2	60	Ø 3.0	ZD2-S
	Zygoma Drill Short 3	60	Ø 3.0	ZD3-S
	Course Diamond Bur	30	Ø 4.2	CDB
	Smooth Diamond Bur	30	Ø 4.2	SDB
	RB Round Bur	30	Ø 4.2	RB
	Bone Reduction Drill			BRD
	Drill Extender			DE
	Tissue Punch Drill	30	Ø 4.5	TP45

Guide Pin

	Types	L (mm)	D (mm)	Code
	Parallel Guide Pin	10	Ø 1.9	SPP100
	Parallel Guide Pin	16	Ø 1.9	SPP160
	M Check - 17			MC17
	M Check - 30	28		MC30
	M Check - 45	20		MC45
	M Check - 52	15		MC52

Drivers

	Types	L (mm)	D (mm)	Code
	Ratchet Driver 1.27	10	∅1.27	RDK 10
	Ratchet Driver 1.27	15	∅1.27	RDK 15
	Motor Mount Driver 1.25	20	∅20	MM12520
	Motor Mount Driver 1.25	28	∅28	MM12528
	Ratchet Driver 1.25	20	∅1.25	RDK 20
	Ratchet Driver For One Piece	15	∅3.7	RDKSP
	Implant Motor Mount Driver 2.42	20	∅2.42	MM24220
	Implant Motor Mount Driver 2.42	28	∅2.42	MM24228
	Ratchet Driver 2.42 Short	10	∅2.42	RDKIH10
	Ratchet Driver 2.42 Long	15	∅2.42	RDKIH15
	Ratchet Driver 2.42 Extra Long	20	∅2.42	RDKIH20
	Bending Tool			BT

Accessories

	Types	Code
	HDL Handle	HDL
	Torque Wrench	TWL
	Implant Depth Probe	DP
	Zygoma Implant Depth Probe	DP-Z
	Pterygoid Osteotome	PTO
	Torque Handle Driver	THD

Basic Kit

Drills	Types	L (mm)	D (mm)	Code
	Lance Drill Short	23	Ø 2	LdS
	Twist Drill Short	23	Ø 2	TdS
 OR	Step Drill 2028 OR	16	ØD1 2.0 x ØD2 2.8	SD2028
 OR	Conical Drill 1	16	ØD1 2.8 x ØD2 3.2	Cd1
 OR	Step Drill 2832 OR	16	ØD1 3.2 x ØD2 3.6	SD2832
 OR	Conical Drill 2	16	ØD1 3.6 x ØD2 4.2	Cd2
 OR	Step Drill 3236 OR	20	ØD1 1.7 x ØD2 2.6	SD3236
 OR	Conical Drill 3	20	ØD1 2.2 x ØD2 3.0	Cd3
 OR	Step Drill 3642 OR	20	ØD1 2.7 x ØD2 3.6	SD3642
	Conical Drill 4	20	ØD1 3.0 x ØD2 5.2	Cd4

Drivers	Types	L (mm)	D (mm)	Code
	Ratchet Driver For One Piece	15	⬡ 3.7	RDKSP
	Ratchet Driver 1.27	15	⬡ 1.27	RDK 15
	Ratchet Driver 2.42 Long	15	⬡ 2.42	RDKIH 15

Accessories	Types	Code
	Torque Wrench	TW

Guide Pin	Types	L (mm)	D (mm)	Code
	Parallel Guide Pin	10	Ø 1.9	SPP100
	Parallel Guide Pin	16	Ø 1.9	SPP160



Premium Kit

Drills	Types	L (mm)	D (mm)	Code
	Lance Drill Long	26	Ø 2.3	LdL
	Lance Drill Short	23	Ø 2	LdS
	Twist Drill Long	26	Ø 2	TdL
	Twist Drill Short	23	Ø 2	TdS
 OR 	Step Drill 2028 OR Conical Drill 1	16	ØD1 2.0 x ØD2 2.8 ØD1 2.8 x ØD2 3.2	SD2028 Cd1
 OR 	Step Drill 2832 OR Conical Drill 2	16	ØD1 3.2 x ØD2 3.6 ØD1 3.6 x ØD2 4.2	SD2832 Cd2
 OR 	Step Drill 3236 OR Conical Drill 3	20	ØD1 1.7 x ØD2 2.6 ØD1 2.2 x ØD2 3.0	SD3236 Cd3
 OR 	Step Drill 3642 OR Conical Drill 4	20	ØD1 2.7 x ØD2 3.6 ØD1 3.0 x ØD2 5.2	SD3642 Cd4

Drivers	Types	L (mm)	D (mm)	Code
	Ratchet Driver 1.27	10	Ø 1.27	RDK 10
	Ratchet Driver 1.27	15	Ø 1.27	RDK 15
	Ratchet Driver For One Piece	15	Ø 3.7	RDKSP
	Ratchet Driver 2.42 Short	10	Ø 2.42	RDKIH10
	Ratchet Driver 2.42 Long	15	Ø 2.42	RDKIH15

Accessories	Types	Code
	Torque Wrench	TW

Guide Pin	Types	L (mm)	D (mm)	Code
	Parallel Guide Pin	10	Ø 1.9	SPP100
	Parallel Guide Pin	16	Ø 1.9	SPP160



Master Kit

Drills	Types	L (mm)	D (mm)	Code
	Lance Drill Long	26	Ø 2.3	LdL
	Lance Drill Short	23	Ø 2	LdS
	Twist Drill Long	26	Ø 2	TdL
	Twist Drill Short	23	Ø 2	TdS
	Step Drill 2028	16	ØD1 2.0 x ØD2 2.8	SD2028
	Step Drill 2832	16	ØD1 2.8 x ØD2 3.2	SD2032
	Step Drill 3236	16	ØD1 3.2 x ØD2 3.6	SD3236
	Step Drill 3642	16	ØD1 3.6 x ØD2 4.2	SD3642
	Bone Reduction Drill	20	ØD1 1.7 x ØD2 2.6	BRD

Drivers	Types	L (mm)	D (mm)	Code
	Ratchet Driver 1.27	10	Ø 1.27	RDK 10
	Ratchet Driver 1.27	15	Ø 1.27	RDK 15
	Ratchet Driver For One Piece	15	Ø 3.7	RDKSP
	Ratchet Driver 2.42 Short	10	Ø 2.42	RDKIH10
	Ratchet Driver 2.42 Long	15	Ø 2.42	RDKIH15
	Motor Mount Driver 1.25	20	Ø 1.25	MM12520
	Motor Mount Driver 1.25	28	Ø 1.25	MM12528
	Implant Motor Mount Driver 2.42	20	Ø 2.42	MM24220
	Implant Motor Mount Driver 2.42	28	Ø 2.42	MM24228

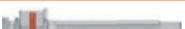
Guide Pin	Types	L (mm)	D (mm)	Code
	Parallel Guide Pin	10	Ø 1.9	SPP100
	Parallel Guide Pin	16	Ø 1.9	SPP160
	M Check - 17			MC17
	M Check - 30			MC30
	M Check - 45			MC45
	M Check - 52			MC52

Accessories	Types	Code
	HDL Handle	HDL
	Torque Wrench	TW
	Implant Depth Probe	DP
	Pterygoid Osteotome	PTO
	Drill Extender	DE
	Tissue Punch Drill	TP45



Zygoma Kit

Drills	Types	L (mm)	D (mm)	Code
	Zygoma Drill Long 1	80	Ø 4.2	ZD1-L
	Zygoma Drill Long 2	80	Ø 4.2	ZD2-L
	Zygoma Drill Long 3	80	Ø 4.2	ZD3-L
	Zygoma Drill Short 1	60	Ø 3.0	ZD1-S
	Zygoma Drill Short 2	60	Ø 3.0	ZD2-S
	Zygoma Drill Short 3	60	Ø 3.0	ZD3-S
	Course Diamond Bur	30	Ø 4.2	CDB
	Smooth Diamond Bur	30	Ø 4.2	SDB
	R B Round Bur	30	Ø 4.2	RB

Drivers	Types	L (mm)	D (mm)	Code
	Ratchet Driver 1.27	20	Ø 1.27	RDK 20
	Ratchet Driver 2.42 Extra Long	20	Ø 2.42	RDKIH20

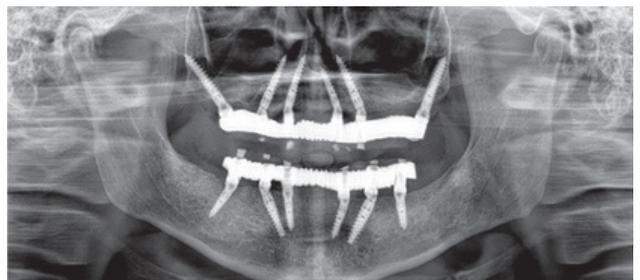
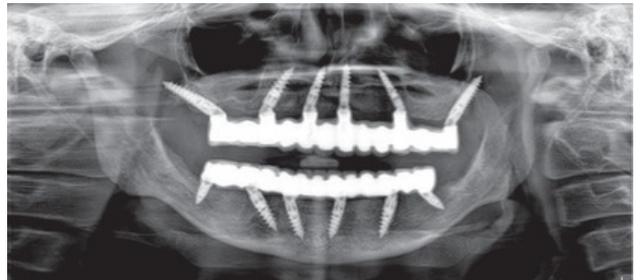
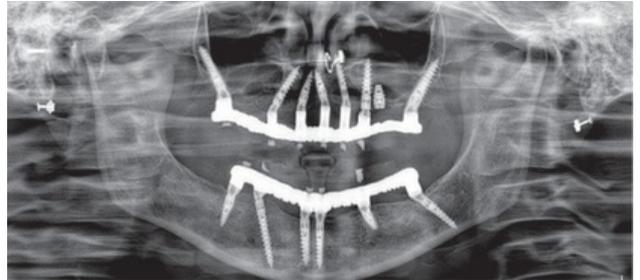
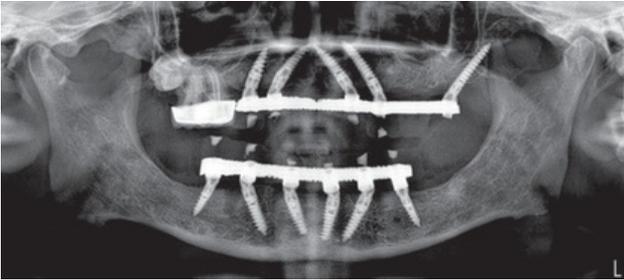
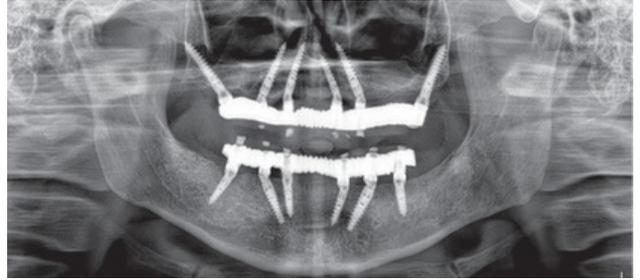
Accessories	Types	Code
	Zygoma Implant Depth Probe	DPZ

Accessories	Types	Code
	Torque Wrench	TW



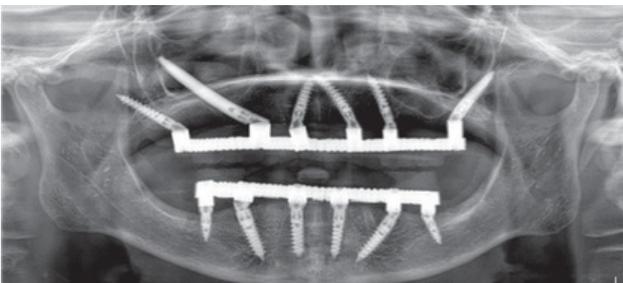
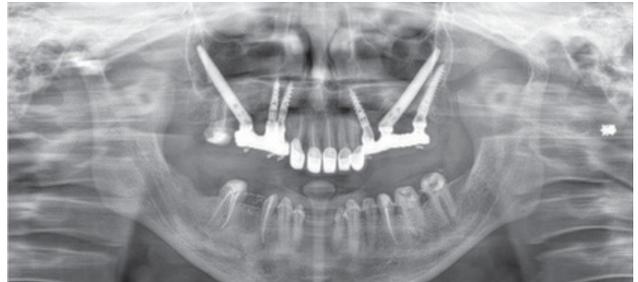
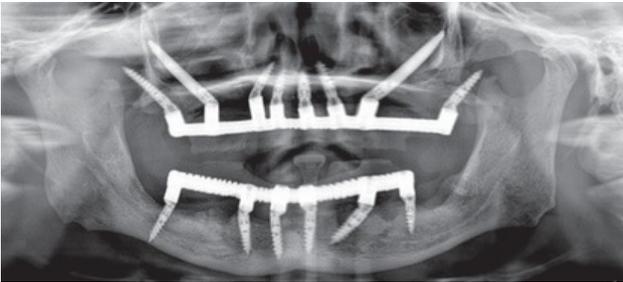
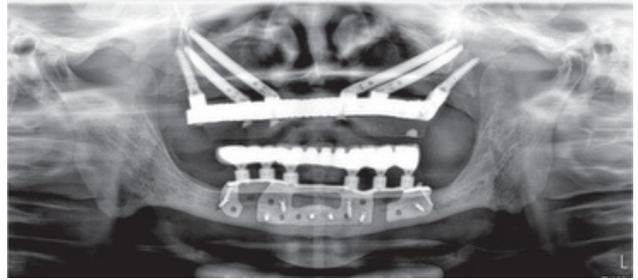
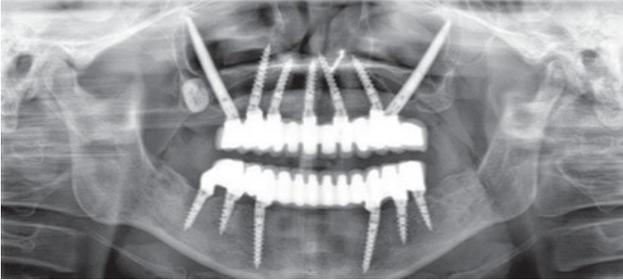
CASES

KORTICALE TPR IMPLANTS



CASES

KORTICALE TZG IMPLANTS

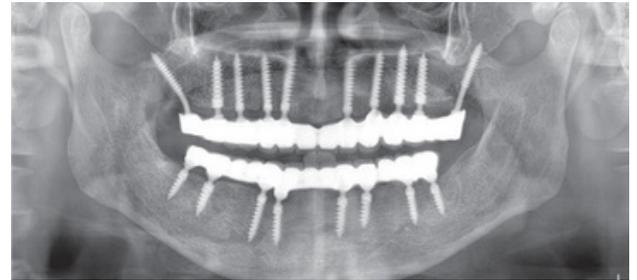
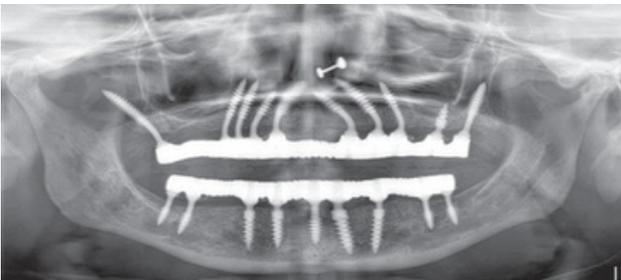
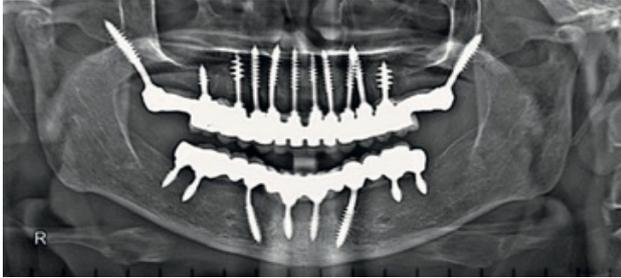


OSSI IMPLANTS

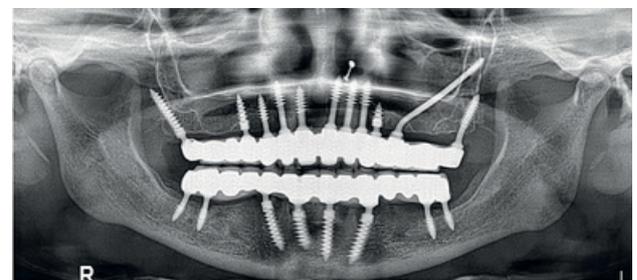
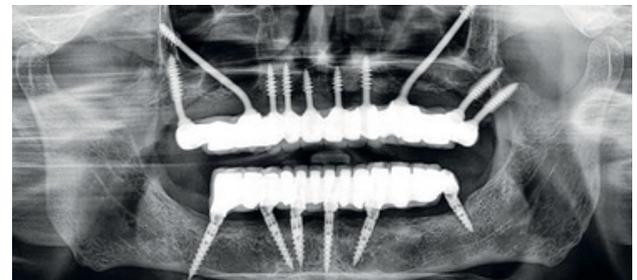


CASES

KORTICALE BL/SP IMPLANTS



KORTICALE BZG IMPLANTS





THANK YOU

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